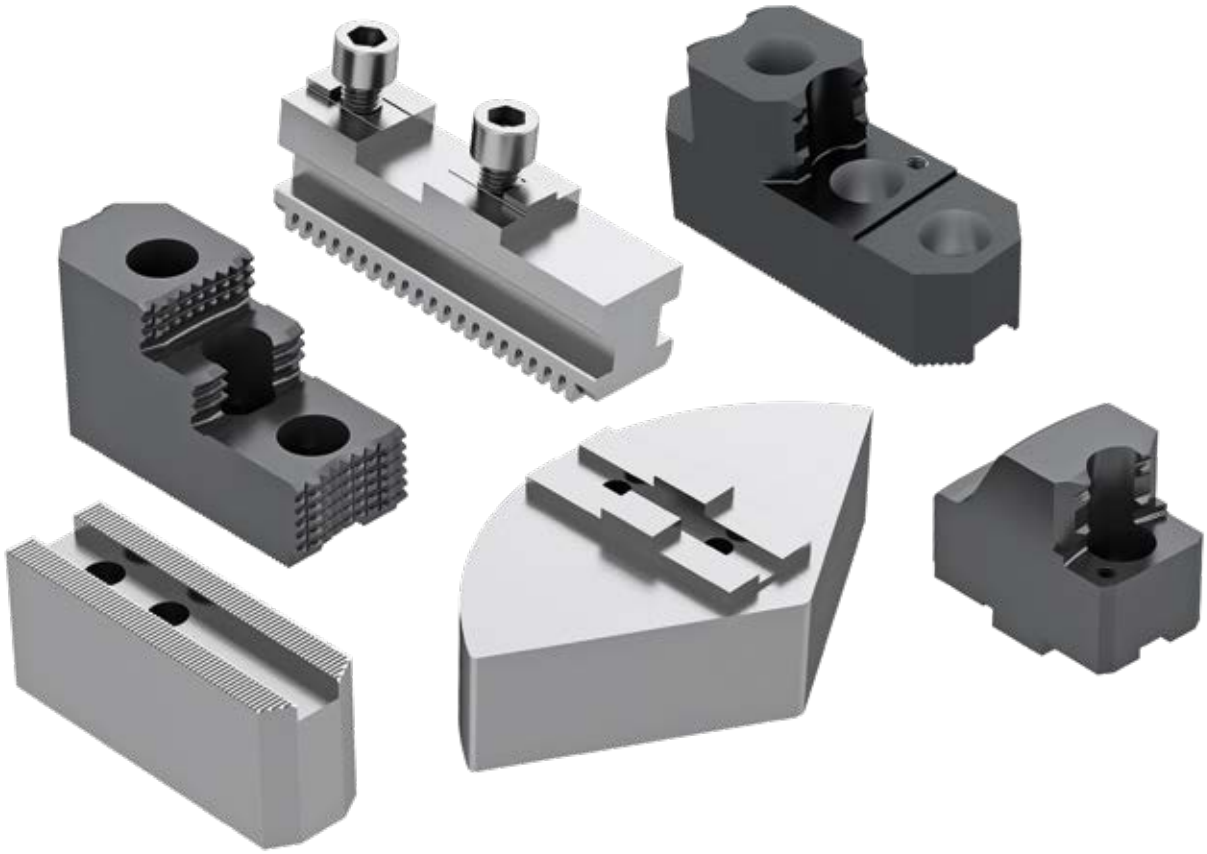


Seit Jahrzehnten sind wir bei unseren Kunden als Lieferant für Standardspannbacken bekannt. Durch kontinuierliche Weiterentwicklung haben wir unser Spannbackenprogramm so weit ausgebaut, dass wir seit langem ein Komplettprogramm für nahezu alle Standard-Spannfutter anbieten. Qualität sowie das Preis-Leistungs-Verhältnis stehen hierbei für uns im Vordergrund.

For decades our customers have known us as a supplier of standard clamping jaws. Through continuous further development, we have expanded our range of clamping jaws to such an extent that we have been offering a complete range for almost all standard chucks for a long time. Quality as well as the price-performance ratio are our top priorities.

UNIJaws®

Standard- und Sonderspannbacken

Standard and special jaws

SPANNBACKEN VON HWR

Wir bieten unseren Kunden Standardspannbacken für alle gängigen Spannfutter an. Sie erhalten bei uns ein Komplettprogramm mit harten und weichen Spannbacken sowie Grundbacken, Nutensteinen und Zubehör. Auch kundenspezifische Aufgabenstellungen, die im Standard nicht abbildbar sind, werden durch unsere Konstruktion umgesetzt und in unserem Hause gefertigt. Hier kommt unseren Kunden unsere Kreativität und jahrzehntelange Erfahrung sowie unser Kosten- und Qualitätsbewusstsein zu Gute. Wir möchten unsere Kunden stets mit dem größtmöglichen Service und technischer Beratung unterstützen. Im Bereich der Standardspannbacken haben wir aus diesem Grund unseren Spannbacken-Finder auf unserer Website für Sie bereitgestellt.

- Standardspannbacken für alle gängigen Spannfutter
- Kundenspezifische Sonderspannlösungen
- Modern ausgestattete Konstruktion mit langjähriger Erfahrung in der Spanntechnik

CLAMPING JAWS BY HWR

We offer our customers standard clamping jaws for all standard chucks. Our product portfolio consists of hard and soft clamping jaws, base jaws, t-nuts and accessories. Customer specific problems which cannot be handled with standard products will be solved by our engineering department and produced in-house. Our customers benefit from our creativity and wealth of knowledge as well as our cost and quality awareness. We always want to support our customers with the greatest possible service and technical support. This is why we provide our clamping jaw finder on our website to help you finding the right clamping jaws.

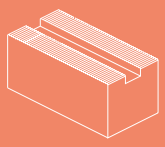
- *Standard clamping jaws for all standard chucks*
- *Customised special clamping solutions*
- *State-of-the-art design department with a wealth of experience in clamping technology*

UNIJaws®

STANDARD- UND SONDER- SPANNBACKEN.

STANDARD AND SPECIAL JAWS

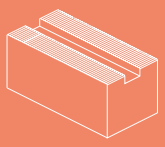
WEICHE AUFSATZBACKEN, SPITZVERZAHNUNG
SOFT TOP-JAWS, SERRATION



Backenrohlinge
Spitzverzahnung, Stahl und Aluminium

jaw-blanks
serration, steel and aluminium

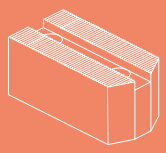
1/16" x 90° | 3/32" x 90°
Seite/page 106–107



Backenrohlinge
Spitzverzahnung, Stahl und Aluminium

jaw-blanks
serration, steel and aluminium

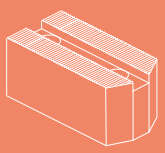
1,5mm x 60°
Seite/page 108–109



Aufsatzbacken weich
Spitzverzahnung, Stahl und Aluminium

soft top-jaws
serration, steel and aluminium

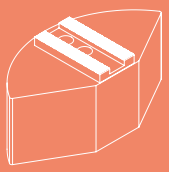
1/16" x 90° | 3/32" x 90°
Seite/page 110–117



Aufsatzbacken weich
Spitzverzahnung, Stahl

soft top-jaws
serration, steel

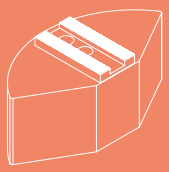
1,5mm x 60° | 3,0mm x 60°
Seite/page 118–125



Segmentbacken weich
Spitzverzahnung, Stahl und Aluminium

soft segment-jaws
serration, steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 126–129

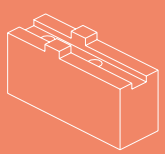


Segmentbacken weich
Spitzverzahnung, Stahl und Aluminium

soft segment-jaws
serration, steel and aluminium

1,5mm x 60° | 3,0mm x 60°
Seite/page 130–133

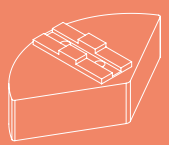
WEICHE AUFSATZBACKEN, KREUZVERSATZ
SOFT TOP-JAWS, TONGUE AND GROOVE



Aufsatzbacken weich
Kreuzversatz metrisch, Stahl und Aluminium

soft top-jaws
metric tongue and groove,
steel and aluminium

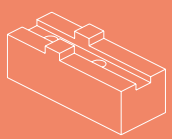
Seite/page 136–139



Segmentbacken weich
Kreuzversatz metrisch, Stahl und Aluminium

soft top-jaws
metric tongue and groove,
steel and aluminium

Seite/page 140–141

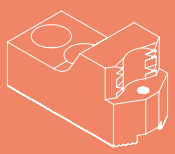


Aufsatzbacken weich
amerikanischer Kreuzversatz, Stahl

soft top-jaws
American standard tongue and groove,
steel

Seite/page 143

HARTE AUFSATZBACKEN, SPITZVERZAHNUNG
HARD REVERSIBLE TOP-JAWS, SERRATION

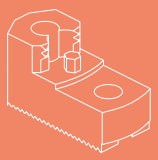


Greiferbacken hart, Außenspannung
Spitzverzahnung

hard adjustagrip-jaws, external clamping serration

1/16" x 90° | 3/32" x 90°
Seite/page 146–193

1,5mm x 60° | 3,0mm x 60°
Seite/page 194–251

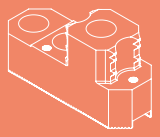


Greiferbacken hart, Innenspannung
Spitzverzahnung

hard adjustagrip-jaws, internal clamping serration

1/16" x 90° | 3/32" x 90°
Seite/page 146–193

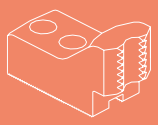
1,5mm x 60° | 3,0mm x 60°
Seite/page 194–251



Umkehrbare Greiferbacken hart, Außen- und Innenspannung
Spitzverzahnung

hard reversible adjustagrip-jaws external and internal clamping serration

1,5mm x 60° | 3,0mm x 60°
Seite/page 204–206

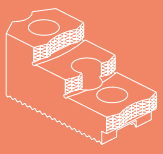


Greiferbacken hart, Stangenspannung
Spitzverzahnung

hard adjustagrip-jaws, bar clamping serration

1/16" x 90° | 3/32" x 90°
Seite/page 146–193

1,5mm x 60°
Seite/page 194–251



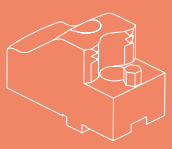
Gehärtete umkehrbare Aufsatzbacken
Spitzverzahnung

hard reversible top-jaws serration

1/16" x 90° | 3/32" x 90°
Seite/page 252–255

1,5mm x 60° | 3,0mm x 60°
Seite/page 256–261

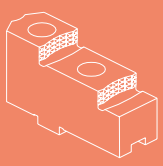
HARTE AUFSATZBACKEN, KREUZVERSATZ
HARD REVERSIBLE TOP-JAWS, SERRATION



Greiferbacken hart, Außenspannung
Kreuzversatz metrisch

hard adjustagrip-jaws, external clamping metric tongue and groove

Seite/page 264–283

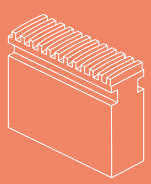


Gehärtete umkehrbare, Aufsatzbacken
Kreuzversatz metrisch

hard reversible, top-jaws metric tongue and groove

Seite/page 284–285

BLOCKBACKEN FÜR PLANSPIRALFUTTER
MONOBLOCK-JAWS FOR SCROLL-CHUCKS



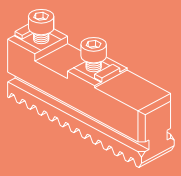
Blockbacken weich für Planspiralfutter

soft monoblock-jaws for scroll-chucks

Seite/page 311

SPANNBACKEN FÜR BACKENSCHNELLWECHSELFUTTER

JAWS FOR QUICKCHANGE-CHUCKS



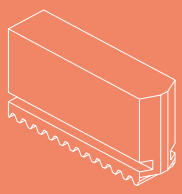
Grundbacken, Modulschrägverzahnung
für Backenschnellwechselfutter

base-jaws, angled serration for quickchange-chucks

Seite/page 288

Modulgeradverzahnung
straight serration

Seite/page 289



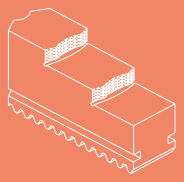
Blockbacken weich, Modulschrägverzahnung
für Backenschnellwechselfutter

soft monoblock-jaws, angled serration for quickchange-chucks

Seite/page 290

Modulgeradverzahnung
straight serration

Seite/page 291



Stufenblockbacken hart, Modulschrägverzahnung
für Backenschnellwechselfutter

hard stepped monoblock-jaws, angled serration for quickchange-chucks

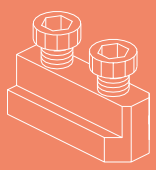
Seite/page 292

Modulgeradverzahnung
straight serration

Seite/page 293

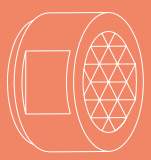
NUTENSTEINE UND ZUBEHÖR

T-NUTS AND ACCESORIES



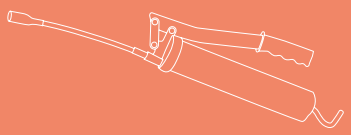
T-Nutensteine
t-nuts

Seite/page 298–310



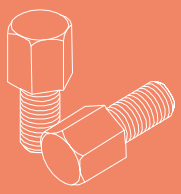
Spanneinsätze
clamping inserts

Seite/page 311



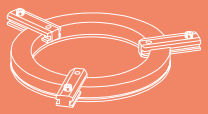
Spezialfett/Fettpressen
special grease/grease guns

Seite/page 312



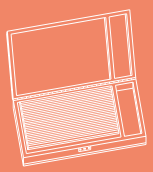
Auflagebolzen
height-pins

Seite/page 312



Ausdrehvorrichtungen
jaw turning fixture

Seite/page 313



Reinigungsplatten
cleaning plates

Seite/page 313

UNSER ONLINE SPANNBACKENFINDER

OUR ONLINE JAW FINDER

HWR SPANNBACKENFINDER
DREI AUSWAHLSCHRITTE ZUR RICHTIGEN SPANNBACKE
Und schon können Sie das Datenblatt als PDF-Dokument herunterladen!

HWR JAW FINDER
JUST THREE STEPS TO THE JAWS YOU NEED
And now you can download the data sheet as PDF document!

1 Futterhersteller
Chuck manufacturer

2 Futtertyp
Chuck type

3 Durchmesser
Diameter

Vom Erfinder des Spannbackenfinders!
From the creator of the jaw finder!

Unseren Spannbackenfinder und Downloadbereich finden Sie auf **hwr.de**.
*Our jaw finder and download area can be found on **hwr.de**.*

HIER GEHT ES ZUM HWR DOWNLOADBEREICH

THIS WAY TO HWR`s DOWNLOAD AREA

Auf unserer Website stellen wir Ihnen im Downloadbereich eine Vielzahl technischer Daten zu unseren Produkten, wie 3D-Modelle, Bedienungsanleitungen, Einstellblätter und Zeichnungen zur Verfügung.

On our website you will find many technical data of our products, such as 3D-models, operating manuals, adjustment sheets and drawings in the download area.

AUSDREHANLEITUNG FÜR WEICHE BACKEN

TURNING INSTRUCTIONS FOR SOFT JAWS

Um das beste Ergebnis zu erhalten sollte das Einlegen der Ausdrehvorrichtung / Ausdrehkerne und Werkstücke immer in derselben Futterposition erfolgen. Die C-Achsposition ist hierbei besonders zu beachten, beispielsweise Backe 1 nach oben stehend (C = 0°).
Um einen höchst genauen ausgedrehten Spanndurchmesser herzustellen, sind folgende Arbeitsschritte vorzunehmen:

To obtain the best result, the insertion of the turning fixture / masterpiece and machining part should always take place in the same chuck position. Particular attention should be paid to the C-axis position, for example, jaw 1 standing upwards (C = 0°).
In order to produce a highly accurate turned clamping diameter, the following work steps must be carried out:

1 Ein Ausdrehkern (siehe Abb. 1) ist mittels der weichen Backen einzuspannen, siehe dazu Abb. 2.

2 Das Ausdrehen ist nach Möglichkeit wie folgt auszuführen, siehe dazu Abb. 3.

- Scharfe, neue Werkzeuge verwenden
- Ausdrehen auf Nenndurchmesser des Bauteils und um 0,1° konisch hinterschneiden (Abb. 4)
- Freistich im Übergang Spannfläche zur Plananlage und Überdrehen
- Absatz der Plananlage zur Futtermitte
- Möglichst große Einspanntiefe

3 Anschließend kann die Spannstelle gereinigt und überprüft werden.

SÄUBERN
- Lösen der Spannung
- Entgraten der Backen
- Säubern der Spannflächen

PRÜFEN
- Prüfling einlegen
- Spannen bei unverändertem Spanndruck
- Messen des Rundlaufs möglichst nahe der Spannstelle / Backen
- Messung des Planlaufs

1 *A masterpiece (see Fig. 1) must be clamped within soft jaws, see Fig. 2.*

2 *If possible, turning as follows, see Fig.3.*

- *Use sharp new tools*
- *Nominal diameter of the component 0,1° conical undercutting and undercut in the transition from the clamping (Fig. 4) surface to the plane surface area*
- *Turn over the plane surface area and turn an overhang from the plane surface area to the middle of the chuck*
- *Greatest possible clamping depth*

3 *After that the clamping points must be cleaned and checked.*

CLEANING
- *Release the clamping force*
- *Deburring of the jaws*
- *Cleaning the clamping surfaces*

CHECKING
- *Insert very high accurate master piece*
- *Clamping with unchanged clamping pressure*
- *Measuring the circular runout as close as possible to the clamping point / jaws*
- *Measuring the axial runout*

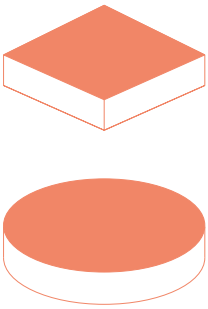


Abb. 1
Quadratischer oder runder Ausdrehkern
Fig. 1 Square or round masterpiece

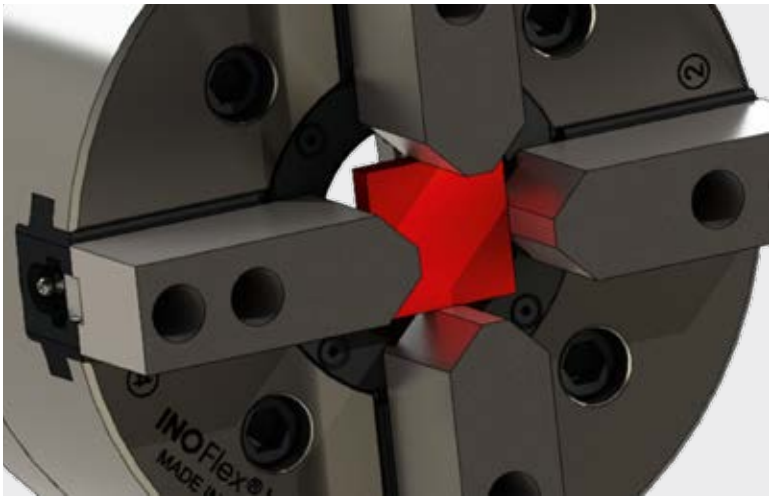


Abb. 2 gespannter Ausdrehkern / *Fig. 2 Clamped masterpiece*

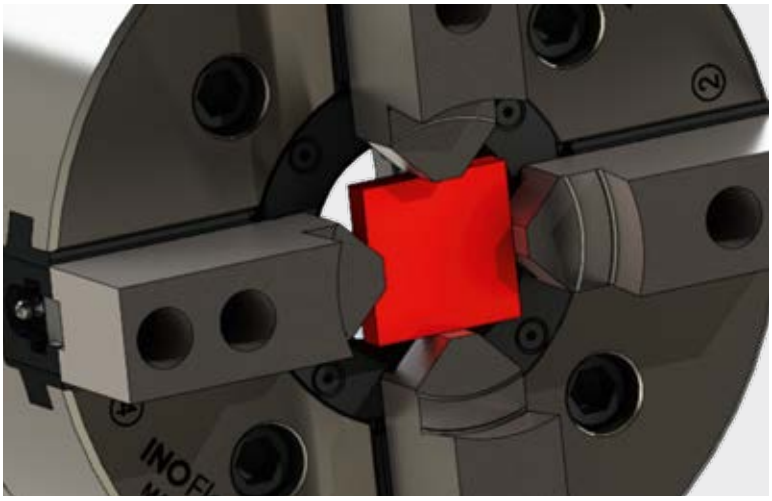


Abb. 3 Ausgedrehte weiche Backe / *Fig. 3 Turned soft jaws*

Es ist zu beachten, dass ein unerwartetes Anlaufen der Maschinenspindel das Unfallrisiko erhöht. Beachten Sie die zum Spannmittel gehörige Betriebsanleitung, sowie die Betriebsanleitung der Maschine!

It is important to note that an unexpected start-up of the machine spindle increases the risk of an accident. Observe the operating instructions for the clamping device as well as the operating instructions for the machine!

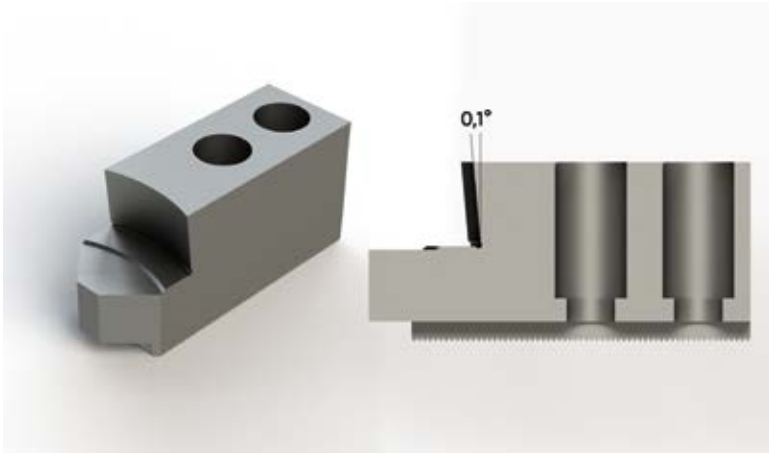


Abb. 4 Konischer Hinterschnitt / *Fig. 4 Conical undercut*

Wir bieten Ihnen ein umfassendes Standardprogramm an weichen Aufsatzbacken und Segmentbacken für alle gängien Spannfutter.

We offer you a comprehensive standard range of soft top jaws and segment jaws for all common chucks.

Übersicht / Overview

Backenrohlinge weich, Spitzverzahnung zoll

Jaw blanks soft, inch serration

Backenrohlinge weich, Spitzverzahnung Stahl und Aluminium

jaw blanks soft, serration steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 106–107

1,5mm x 60°
Seite/page 108–109

Aufsatzbacken weich, Ausführung gerade, Spitzverzahnung Stahl und Aluminium

soft top jaws, design straight, serration steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 110–117

1,5mm x 60° | 3,0mm x 60°
Seite/page 118–125

Aufsatzbacken weich, Ausführung angeschrägt, Spitzverzahnung Stahl und Aluminium

soft top jaws, design pointed, serration steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 110–117

1,5mm x 60° | 3,0mm x 60°
Seite/page 118–125

Segmentbacken weich, Ausführung rund Spitzverzahnung Stahl und Aluminium

soft top jaws, design round, serration steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 126–129

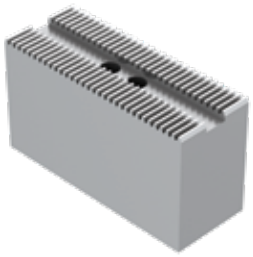
1,5mm x 60° | 3,0mm x 60°
Seite/page 130–133

Segmentbacken weich, Ausführung umkehrbar Spitzverzahnung Stahl und Aluminium

soft top jaws, design reversible, serration steel and aluminium

1/16" x 90° | 3/32" x 90°
Seite/page 126–129

1,5mm x 60° | 3,0mm x 60°
Seite/page 130–133



Aufsatzbacken weich, Ausführung angeschrägt und gerade, Modul 2 Stahl

soft top-jaws, design pointed and straight, modul 2 steel

Modul 2
Seite/page 124–125

UNIJaws®

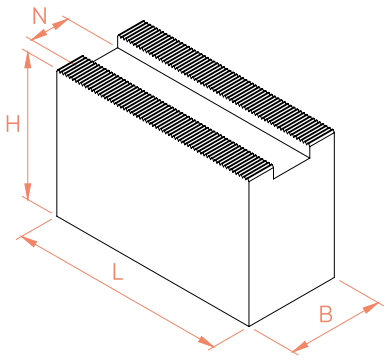
Backenrohlinge weich, Spitzverzahnung zoll

Jaw blanks soft, inch serration

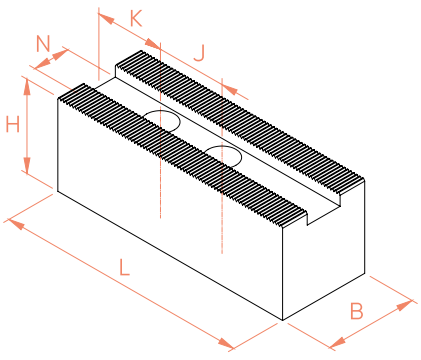
B mm	H mm	L mm	N mm	V	K mm	J mm	Werkstoff *material*	Masse pro Satz *weight pro set* kg	Backentyp *jaw type*	Ident-Nr. ungebohrt *ident-no. undrilled*	Ident-Nr. gebohrt *ident-no. drilled*
35	50	70	17	1/16" x 90°			16MnCr5	0,90	**RA05**	**200001**	**200401**
40	40	70					16MnCr5	0,83	**RA10**	**200002**	**200402**
40	40	90					16MnCr5	1,07	**RA15**	**200003**	**200403**
40	40	105					16MnCr5	1,20	**RA20**	**200004**	**200404**
40	60	70					16MnCr5	1,27	**RA25**	**200005**	**200405**
40	60	90					16MnCr5	1,63	**RA30**	**200006**	**200406**
40	60	105					16MnCr5	1,80	**RA31**	**200019**	**200419**
40	60	120					16MnCr5	1,90	**RA35**	**200007**	**200107**
40	80	90					C15	2,13	**RA40**	**200008**	**200408**
40	100	90					C15	2,70	**RA45**	**200009**	**200409**
40	120	90					C15	3,30	**RA50**	**200010**	**200410**
50	80	90					16MnCr5	2,70	**RA55**	**200011**	**200411**
50	80	105					16MnCr5	3,10	**RA60**	**200012**	**200412**
60	60	70					16MnCr5	1,90	**RA65**	**200013**	**200413**
60	60	90					16MnCr5	2,40	**RA70**	**200014**	**200414**
60	60	120					16MnCr5	2,80	**RA75**	**200015**	**200415**
60	80	90					16MnCr5	3,15	**RA80**	**200016**	**200416**
60	100	90					16MnCr5	4,20	**RA85**	**200017**	**200417**
80	60	90					16MnCr5	3,15	**RA90**	**200018**	**200418**
38	51	70					Aluminium	1,10	**HR01**	**200200**	**200600**
38	76	90					Aluminium	2,10	**HR02**	**200201**	**200601**
38	102	90					Aluminium	2,80	**HR03**	**200202**	**200602**
45	60	90	21	1/16" x 90°			16MnCr5	2,03	**RB05**	**200051**	**200451**
45	60	105					16MnCr5	2,33	**RB10**	**200052**	**200452**
50	50	90					16MnCr5	1,70	**RB15**	**200053**	**200453**
50	50	120					16MnCr5	2,00	**RB20**	**200054**	**200454**
50	80	90					16MnCr5	2,77	**RB25**	**200055**	**200455**
50	80	120					16MnCr5	3,63	**RB30**	**200056**	**200456**

Für gebohrte Ausführung bei Bestellung bitte angeben
For drilled version please specify dimensions at order

Backenrohling ungebohrt
Blank jaws undrilled



Backenrohling gebohrt
Blank jaws drilled



B mm	H mm	L mm	N mm	V	K mm	J mm	Werkstoff *material*	Masse pro Satz *weight pro set* kg	Backentyp *jaw type*	Ident-Nr. ungebohrt *ident-no. undrilled*	Ident-Nr. gebohrt *ident-no. drilled*
50	150	120	21	1/16" x 90°	Für gebohrte Ausführung bei Bestellung bitte angeben *For drilled version please specify dimensions at order*		16MnCr5	6,87	**RB80**	**200645**	**200646**
60	60	90					16MnCr5	2,40	**RB35**	**200057**	**200457**
60	60	105					16MnCr5	2,83	**RB40**	**200058**	**200458**
60	80	90					16MnCr5	3,30	**RB45**	**200059**	**200459**
60	80	105					16MnCr5	3,87	**RB50**	**200060**	**200460**
60	80	120					16MnCr5	4,40	**RB55**	**200061**	**200461**
60	125	120					C15	6,80	**RB65**	**200063**	**200463**
80	60	120					16MnCr5	4,40	**RB70**	**200064**	**200464**
80	80	120					16MnCr5	5,90	**RB75**	**200065**	**200466**
51	51	120					Aluminium	2,50	**HR06**	**200250**	**200650**
51	76	120					Aluminium	3,80	**HR07**	**200251**	**200651**
51	120	120					Aluminium	5,00	**HR08**	**200252**	**200652**
60	60	140	25,5	3/32" x 90°			16MnCr5	3,80	**RC05**	**200101**	**200501**
60	80	140					16MnCr5	5,07	**RC10**	**200102**	**200502**
64	102	155					C15	7,07	**RC15**	**200103**	**200503**
60	125	155					C15	8,60	**RC20**	**200104**	**200504**
64	152	155					C15	10,20	**RC25**	**200105**	**200505**
80	60	140					16MnCr5	5,10	**RC30**	**200106**	**200506**
80	80	140					C15	7,00	**RC35**	**200107**	**200507**
102	64	140					C15	6,50	**RC40**	**200108**	**200508**
100	100	155					C15	11,75	**RC85**	**200117**	**200517**
64	76	150					Aluminium	5,80	**HR11**	**200280**	**200680**
64	102	150					Aluminium	7,80	**HR12**	**200281**	**200681**

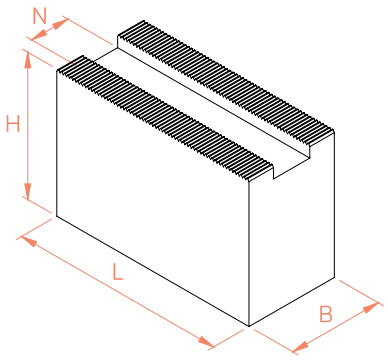
UNIJaws®

Backenrohlinge weich, Spitzverzahnung zoll

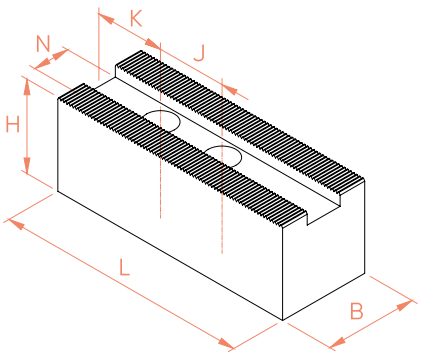
Jaw blanks soft, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	Werkstoff *material*	Masse pro Satz *weight pro set* kg	Backentyp *jaw type*	Ident-Nr. ungebohrt *ident-no. undrilled*	Ident-Nr. gebohrt *ident-no. drilled*
35	30	72	12	1,5mm x 60°	Für gebohrte Ausführung bei Bestellung bitte angeben *For drilled version please specify dimensions at order*		C15	1,90	HJ02	200801	200802
60	30	72					C15	3,00	HJ03	200803	200804
80	30	72					C15	4,00	HJ04	200805	200806
50	50	60					C15	3,40	HJ05	200807	200808
32	38	72					Aluminium	0,70	HP01	200300	200700
32	76	72					Aluminium	1,40	HP02	200301	200701
35	35	90	14	1,5mm x 60°			C15	2,50	HK01	200809	200810
60	35	90					C15	3,70	HK02	200811	200812
80	35	95					C15	4,90	HK03	200813	200814
100	35	95					C15	7,20	HK04	200815	200816
40	35	102					C15	3,30	HK06	200817	200818
50	65	75					C15	5,60	HK07	200819	200820
32	44	95					Aluminium	1,10	HP05	200310	200710
32	76	95					Aluminium	1,90	HP06	200311	200711
32	102	95					Aluminium	2,50	HP07	200312	200712
40	40	84	16	1,5mm x 60°			C15	3,10	HM02	200823	200824
40	40	110					C15	4,10	HM03	200825	200826
60	40	90					C15	5,00	HM04	200827	200828
60	40	110					C15	6,20	HM05	200829	200830
80	40	110					C15	7,80	HM06	200831	200832
100	40	110					C15	10,30	HM07	200833	200834
125	40	110					C15	12,90	HM08	200835	200836

Backenrohling ungebohrt
Blank jaws undrilled



Backenrohling gebohrt
Blank jaws drilled



B mm	H mm	L mm	N mm	V	K mm	J mm	Werkstoff *material*	Masse pro Satz *weight pro set* kg	Backentyp *jaw type*	Ident-Nr. ungebohrt *ident-no. undrilled*	Ident-Nr. gebohrt *ident-no. drilled*
50	80	90	16	1,5mm x 60°	Für gebohrte Ausführung bei Bestellung bitte angeben *For drilled version please specify dimensions at order*		C15	8,20	**HM09**	**200837**	**200838**
38	51	110					Aluminium	1,70	**HP11**	**200320**	**200720**
38	76	110					Aluminium	2,50	**HP12**	**200321**	**200721**
38	102	110					Aluminium	3,30	**HP13**	**200322**	**200722**
50	50	130	18	1,5mm x 60°			C15	7,80	**HO02**	**200839**	**200840**
80	50	130					C15	11,80	**HO03**	**200841**	**200842**
100	50	130					C15	15,70	**HO05**	**200843**	**200844**
125	50	130					C15	19,70	**HO06**	**200845**	**200846**
51	51	130					Aluminium	2,70	**HP17**	**200330**	**200730**
51	76	130					Aluminium	4,10	**HP18**	**200311**	**200731**
50	50	130	21	1,5mm x 60°			C15	7,60	**HS01**	**200847**	**200848**
80	50	130					C15	11,50	**HS02**	**200849**	**200850**
100	50	130					C15	15,50	**HS03**	**200851**	**200852**
125	50	130					C15	19,50	**HS04**	**200853**	**200854**
51	51	130					Aluminium	2,50	**HP25**	**200350**	**200750**
51	76	130					Aluminium	4,00	**HP26**	**200315**	**200751**
51	102	130					Aluminium	5,20	**HP27**	**200352**	**200752**

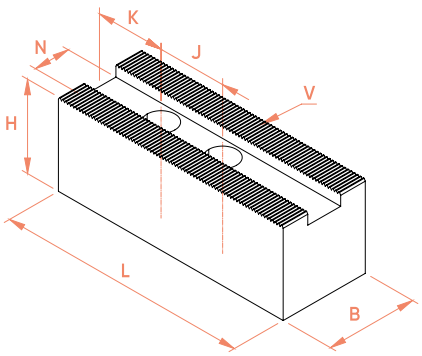
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung zoll

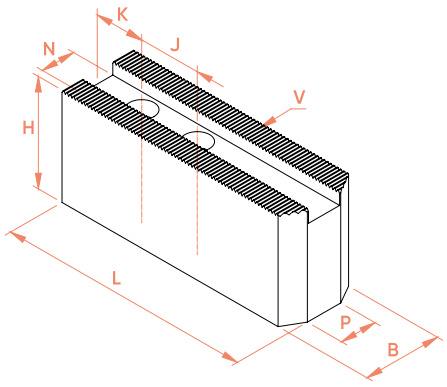
Soft top jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
20	40	55	8	1/16" x 90°	11	14	—	—	0,80	C15	I	M9x1	**CS11**	**204020**
25	30	53	10	1/16" x 90°	9	12	12	3	0,80	C15	IV	M6	**BI13**	**206007**
25	50	53	10		11	12	12	—	0,40	Aluminium	IV	M6	**HF13**	**206100**
25	50	53	10		9	12	12	3	1,10	C15	IV	M6	**BI14**	**206001**
25	50	70	10	1/16" x 90°	13	19	—	—	1,40	C15	I	M10	**CS16**	**204001**
25	60	70	10		13	19	—	—	1,75	C15	I	M10	**CS17**	**204021**
30	40	68	11	1/16" x 90°	21	18	—	—	1,60	C15	I	M8	**CO13**	**211001**
30	40	55	12	1/16" x 90°	9	15	—	—	1,20	C15	I	M8	**BI16**	**206008**
32	57	70	12		9	15	—	—	0,80	Aluminium	I	M8	**HF16**	**206101**
30	60	55	12		9	15	—	—	1,90	C15	I	M8	**BI17**	**206002**
30	30	60	12	1/16" x 90°	15	16	—	—	1,00	C15	I	M8	**CH13**	**207100**
30	40	55	12		10	16	—	—	1,20	C15	I	M8	**RD13**	**200005**
30	60	80	12	1/16" x 90°	15	21	—	—	3,60	C15	I	M12	**CS18**	**204002**
30	60	90	12		15	21	—	—	3,80	C15	I	M12	**CS20**	**204003**
30	40	70	14	1/16" x 90°	16	16,5	—	—	1,30	C15	I	M10	**CH17**	**207101**
35	60	68	14		15	20	—	—	3,40	16MnCr5	I	M10	**RD165**	**201165**
35	40	80	14		15	20	—	4	3,20	16MnCr5	II	M10	**X1725**	**9901725**
40	60	111	16	1/16" x 90°	18	29	—	—	4,70	C15	I	M16	**CS25**	**204004**
40	80	113	16		18	29	—	—	6,50	C15	I	M16	**CS26**	**204022**

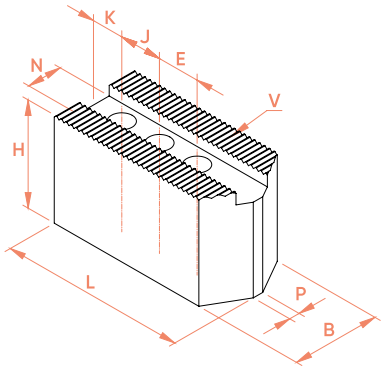
Typ I



Typ II



Typ IV



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
KH 110				
		KFD 110 | KFD 125 KFD 140 | KFD-HS 13 KFD-HS 140		
KH 140 | KH 160 KHL 160				
			ROTA TP 125	HFKS 130 | SP 125
		KFD-HE 170 | KFD-HS 160 KFD-HS 175 | LVE 160	ROTA NCD 160	
KF 130		KFD 130 | KFH 140 LVE 125 | LVE 160		AL-D 125 | AN-D 125 | BB-D 140 BH-D 130 | GHDN 125 | SP 125
KH 175 | KH 200 KHL 200				
			ROTA NCK plus 165 ROTA NCK plus 185 ROTA TP 160	AL-D 165 | AN-D 165 | AP-D 170 BB-D 175 | BH-D 165 | BHD-FC 165 GHD-FC 165 | GHDN 165 | HFKN-D 165 NT-D 170 | SP 160
KH 250 KH 315 KHL 250 KHL 315				

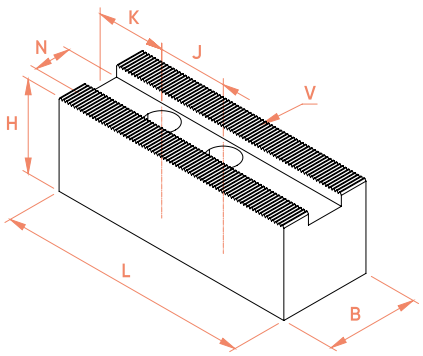
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung zoll

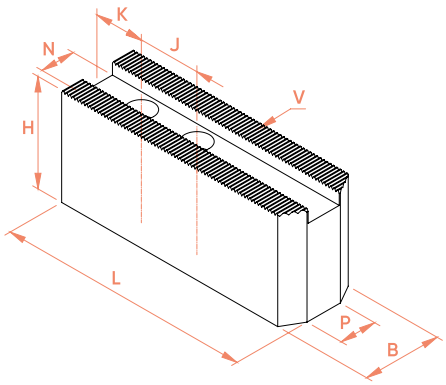
Soft top jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
40	60	70	17	1/16" x 90°	15	22	—	—	3,10	16MnCr5	I	M12	**RD16**	**201010**
40	60	70	17		15	22	—	—	3,10	Aluminium	I	M12	**RD16A**	**209001**
40	40	80	17		15	22	—	—	2,00	16MnCr5	I	M12	**RE16**	**202001**
40	40	80	17		15	22	—	6	2,00	16MnCr5	II	M12	**RH16**	**203001**
40	60	70	17	1/16" x 90°	12	19	—	—	3,10	C15	I	M12	**BI20**	**206003**
40	60	90	17		12	19	—	—	4,20	C15	I	M12	**BI25**	**206004**
40	60	90	17		12	19	—	—	1,50	Aluminium	I	M12	**HF20**	**206102**
40	60	90	17	1/16" x 90°	25	22	—	—	4,20	16MnCr5	I	M12	**RD20**	**201015**
40	60	90	17		25	22	—	—	1,50	Aluminium	I	M12	**RD20A**	**209002**
40	40	90	17		15	22	—	—	2,70	16MnCr5	I	M12	**RE20**	**202005**
35	40	98	17		15	22	—	4	2,70	16MnCr5	II	M12	**RH20**	**203005**
40	40	90	17		20	23	—	—	2,80	C15	I	M12	**CH21**	**207102**
50	60	105	21	1/16" x 90°	15	25	—	—	6,00	C15	I	M16	**BI32**	**206005**
50	80	105	21		15	25	—	—	2,80	Aluminium	I	M16	**HF32**	**206103**

Typ I



Typ II



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
HES 160 HES 200 HESF 160 HESF 200 KF 160 KF 200 KHFF 200	KG 200 | KGH 160 | KGH 175 KGH 200 | KGHF 160 KGHF 175 | KGHF 200 | KL 160 KL 200 | KLNC 200 | KP 200 KS 160 | KS 200 | KS 250 KSF 175 | KSF 200 | KSH 160 KSH 200 | KSHF 200 | KT 160 KT 200 | KTG 160 | KTG 200 KTH 160 | KTH 175 | KTH 200 KTN 160 | KTN 200 | NH 160 NH 175 | NH 200 | NHF 160 NHF 175 | NHF 200 | QLC 160 QLC 175 | QLC 200 QLC-KS 200 | QLK 160 QLK 175 | QLK 200 QLK-KS 200	KFD 160 | KFD 200 KFD-AF 160 | KFD-HE 210 KFD-HF 160 | KFD-HF 200 KFD-HS 200 | KFD-HS 250 KFH 160 | KFH 200 KFH-F 160 | KFH-F 200 KFH-G 160 | KFH-G 200 KFH-HC 160 | KFH-NC 160 KFH-NC 200 | LVE 200	ROTA NC 165 ROTA NC 210 ROTA NCD 210 ROTA NCD 215 ROTA NCF 165 ROTA NCF 210 ROTA NCK plus 210 ROTA NCK plus 250 ROTA NCO 165 ROTA NCO 210	AL-D 210 | AN-D 210 | AP-D 215 AP-D 260 | APL-D 215 | APL-D 260 BB-D 210 | BH-D 210 | BHD-FC 210 GHD 210 | GHD-FC 210 | GHDN 210 HD-B 220 | HDL 200 | HDN 200 HDN 220 | HFK 160 | HFK 200 HFKN-D 210 | HFKS 160 | HFKS 200 LP 205 | NT-D 215 | NT-D 260 SP 200 | SP 240
		KFD-HS 200 | KFD-HS 250		
HES 200 HESF 200 KF 200 KHFF 200	KG 200 | KGH 200 | KGHF 200 KL 200 | KLNC 200 | KP 200 KS 200 | KS 250 | KSF 200 KSH 200 | KSHF 200 KT 200 | KTG 200 | KTH 200 KTN 200 | NH 200 | NHF 200 QLC 200 | QLC-KS 200 QLC-KS 250 | QLK 200 QLK-KS 200 | QLK-KS 250	KFD 200 | KFD-AF 200 KFD-HE 200 | KFD-HE 210 KFD-HF 200 | KFD-HS 250 KFH 200 | KFH-F 200 KFH-G 200 | KFH-NC 200 KFL 250 | LVE 200	ROTA NC 210 ROTA NCD 210 ROTA NCD 215 ROTA NCF 210 ROTA NCK 210 ROTA NCK 250 ROTA NCK plus 210 ROTA NCK plus 250 ROTA NCO 210	AL-D 210 | AN-D 210 | AP-D 215 AP-D 260 | APL-D 215 | APL-D 260 BB-D 210 | BH-D 210 | BHD-FC 210 GHD 210 | GHD-FC 210 | GHDN 210 HD-B 220 | HDL 200 | HDN 200 HDN 220 | HFK 160 | HFK 200 HFKN-D 210 | HFKS 160 | HFKS 200 LP 205 | NT-D 215 | NT-D 260 SP 200 | SP 240
		KFD-HS 315		

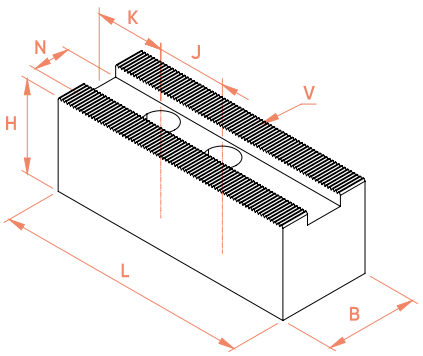
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung zoll

Soft top jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
50	80	120	21	1/16" x 90°	30	28	—	—	9,30	16MnCr5	I	M16	**RD25**	**201020**
50	80	120	21		30	28	—	—	9,30	Aluminium	I	M16	**RD25A**	**209003**
50	50	120	21		20	28	—	—	5,10	16MnCr5	I	M16	**RE25**	**202010**
50	50	120	21		20	28	—	8	5,10	16MnCr5	II	M16	**RH25**	**203010**
50	50	110	21		20	30	—	—	3,80	C15	I	M16	**CH25**	**207103**
50	70	108	21	1/16" x 90°	28	30	—	—	8,00	C15	I	M14	**CO25**	**211005**
50	50	125	21	1/16" x 90°	20	30	—	—	5,50	C15	I	M16	**CH32**	**207104**
50	50	140	21	1/16" x 90°	30	28	—	8	6,70	16MnCr5	II	M16	**RH32**	**203015**

Typ I



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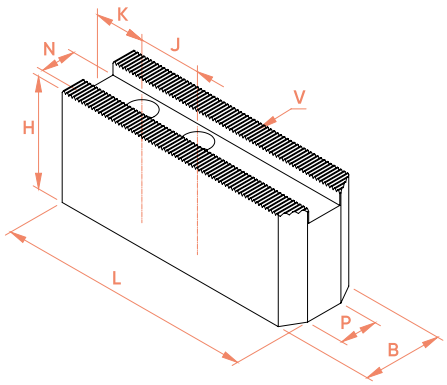


Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
HES 250 HES 315 HESF 250 HESF 315 KF 250 KF 315 KHFF 250 KHFF 315	KG 250 | KG 315 | KL 250 KLNC 250 | KLNC 315 | KP 250 KP 315 | KS 315 | KS 400 KSH 250 | KSH 315 | KSH 400 KSHF 250 | KSHF 315 KSHF 400 | KT 250 | KT 315 KTG 250 | KTG 315 | KTN 250 KTN 315 | NH 250 | NH 315 NHF 250 | NHF 315 | QLC 250 QLC 315 | QLC-KS 315 QLC-KS 400 | QLK 250 QLK 315 | QLK-KS 315 QLK-KS 400	KFD 250 | KFD 315 KFD-AF 250 | KFD-AF 315 KFD-HE 315 | KFD-HF 250 KFD-HF 315 | KFD-HS 315 KFH 250 | KFH 315 KFH-F 250 | KFH-F 315 KFH-G 250 | KFH-G 315 KFH-NC 250 | KFH-NC 315 KFL 315 | KFL 400 | LVE 250 LVE 305 | LVE 315	ROTA NC 250 ROTA NC 315 ROTA NC plus 260 ROTA NC plus 315 ROTA NCD 250 ROTA NCD 255 ROTA NCD 315 ROTA NCF 250 ROTA NCF 315 ROTA NCF plus 260 ROTA NCF plus 315 ROTA NCK plus 315 ROTA NCO 260 ROTA NCO 315 ROTA TP 250 ROTA TP 315 ROTA TP 350	AL-D 250 | AL-D 315 | AN-D 250 AN-D 315 | AP-D 315 | APL-D 315 BB-D 250 | BB-D 315 | BH-D 250 BH-D 315 | BHD-FC 250 | BHD-FC 315 GHD 250 | GHD 305 | GHD 400 GH-D 400 | GHD-FC 250 | GHD-FC 305 GHD-FC 315 | GHD-FC 400 | GHDN 250 GHDN 305 | GHDN 315 | GHDN 400 HD-B 300 | HDL 250 | HDL 315 HDL 400 | HDN 250 | HDN 315 HDN 400 | HFK 250 | HFK 270 HFK 315 | HFKN-D 260 | HFKN-D 315 HFKS 250 | HFKS 270 | HFKS 315 LP 250 | NT-D 315 | SP 250 | SP 280 SP 315 | SP 350 | LP 250 | LP 305
				LP 250 | LP 305 | SP 250 | SP 315
HES 315 HESF 315 KF 315 KHFF 315	KG 315 | KLNC 315 | KP 315 KS 315 | KS 400 | KSH 315 KSH 400 | KSHF 315 | KSHF 400 KT 315 | KTG 315 | KTN 315 NH 315 | NHF 315 | QLC 315 QLC-KS 315 | QLC-KS 400 QLK 315 | QLK-KS 315 QLK-KS 400	KFD 315 | KFD-AF 315 KFD-HE 315 | KFD-HF 315 KFD-HS 315 | KFH 315 KFH-F 315 | KFH-G 315 KFH-NC 315 | KFL 315 KFL 400 | LVE 305 LVE 315	ROTA NC 315 ROTA NC plus 315 ROTA NCD 315 ROTA NCF 315 ROTA NCF plus 315 ROTA NCK plus 315 ROTA NCO 315 ROTA TP 315 ROTA TP 350	AL-D 315 | AN-D 315 | AP-D 315 APL-D 315 | BB-D 315 | BH-D 315 BHD-FC 315 | GHD 305 | GHD 400 GH-D 400 | GHD-FC 305 | GHD-FC 315 GHD-FC 400 | GHDN 305 | GHDN 315 GHDN 400 | HD-B 300 | HDL 315 HDL 400 | HDN 315 | HDN 400 HFK 315 | HFKN-D 315 | HFKS 315 NT-D 315 | SP 315 | SP 350
HES 315 HESF 315 KF 315 KHFF 315	KG 315 | KLNC 315 | KP 315 KS 315 | KS 400 | KSH 315 KSH 400 | KSHF 315 | KSHF 400 KT 315 | KTG 315 | KTN 315 NH 315 | NHF 315 | QLC 315 QLC-KS 315 | QLC-KS 400 QLK 315 | QLK-KS 315 QLK-KS 400	KFD 315 | KFD-AF 315 KFD-HF 315 | KFD-HS 315 KFH 315 | KFH-F 315 KFH-G 315 | KFH-NC 315 KFL 315 | KFL 400 LVE 305 | LVE 315	ROTA NC 315 ROTA NC plus 315 ROTA NCD 315 ROTA NCF 315 ROTA NCF plus 315 ROTA NCK plus 315 ROTA NCO 315 ROTA TP 315 | ROTA TP 350	AL-D 315 | AN-D 315 | AP-D 315 APL-D 315 | BB-D 315 | BH-D 315 BHD-FC 315 | GHD 305 | GHD 400 GH-D 400 | GHD-FC 305 | GHD-FC 315 GHD-FC 400 | GHDN 305 | GHDN 315 GHDN 400 | HD-B 300 | HDL 315 HDL 400 | HDN 315 | HDN 400 HFK 315 | HFKN-D 315 | HFKS 315

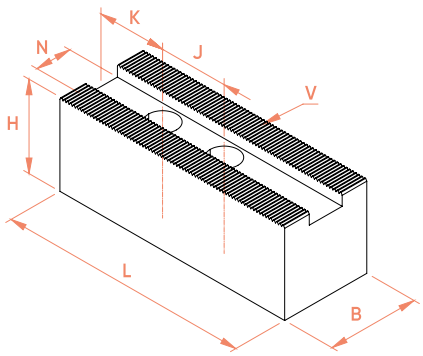
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung zoll

Soft top jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
50	80	150	20	3/32" x 90°	31	38	—	—	8,40	C15	I	M20	**CS40**	**204023**
50	100	150	20		31	38	—	—	13,60	C15	I	M20	**CS41**	**204024**
60	90	140	25,5	3/32" x 90°	20	31	—	—	14,50	C15	I	M20	**BI40**	**206006**
60	90	155	25,5	3/32" x 90°	30	35	—	—	16,30	16MnCr5	I	M20	**RD40**	**201025**
60	102	155	25,5		30	35	—	—	16,30	Aluminium	I	M20	**RD40A**	**209004**
60	60	140	25,5		30	35	—	—	9,40	16MnCr5	I	M20	**RE40**	**202015**
60	80	155	25,5	3/32" x 90°	35	40	—	—	15,00	C15	I	M18	**CP40**	**211007**
60	80	185	25,5	3/32" x 90°	35	40	—	—	18,00	C15	I	M18	**CP50**	**211006**
76	102	240	30	3/32" x 90°	40	64	—	—	35,00	C15	I	M24	**CP63**	**211008**
76	102	300	30	3/32" x 90°	40	64	—	—	43,00	C15	I	M24	**CP80**	**211010**

Typ I



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
KH 400 KH 500 KH 630 KHL 400				
		KFD-HS 400 | KFD-HS 500		
HES 400 HES 500 HES 630 HESF 400 HESF 500 HESF 630 KF 400 KF 500 KF 630 KHFF 400 KHFF 500 KHFF 630	KG 400 | KG 500 | KL 400 KL 500 | KLNC 400 | KLNC 500 KP 400 | KP 500 | KS 500 KS 630 | KSH 500 | KSHF 630 KT 400 | KT 500 | KT 630 KTG 400 | KTG 500 | KTG 630 KTN 400 | KTN 500 | KTN 630 NH 400 | NH 500 | NH 630 NHF 400 | NHF 500 | NHF 630 QLC 400 | QLK 400	KFD 400 | KFD 500 KFD 630 | KFD 800 KFD-HE 400 | KFD-HF 400 KFD-HF 500 | KFD-HF 630 KFD-HS 400 | KFD-HS 500 KFH 400 | KFH 500 KFH-F 400 | KFH-F 500 KFH-G 400 | KFH-G 500 KFH-NC 400 | KFH-NC 500 KFL 500 | KFL 600 LVE 400 | LVE 500 LVE 630 | LVE 800	ROTA NC 400 ROTA NC 500 ROTA NCD 400 ROTA NCD 500 ROTA NCD 630 ROTA NCF 400 ROTA NCF 500 ROTA NCO 400 ROTA NCO 500 ROTA NCO 630 ROTA NCO 800	AL-D 400 | AN-D 400 | AP-D 400 APL-D 400 | BB-N 400 | BB-N 460 BB-N 470 | BB-N 500 | BB-N 600 BB-N ES 400 | BB-N ES 460 BB-N ES 470 | BB-N ES 500 BB-N ES 600 | BH-D 400 | BH-D 450 BH-D 500 | BH-D 630 | BH-D 800 BHD-FC 400 | BHD-FC 500 BHD-FC 630 | GHD 500 | GH-D 500 GHD 610 | GH-D 610 | GHD 640 GHD 800 | GH-D 800 | GHDN 500 GHDN 610 | GHDN 640 | GHDN 800 HFK 400 | HFK 500 | HFKN-D 400 HFKN-D 500 | HFKS 400 | HFKS 500 IL-D 500 | IL-D 630 | IL-D 800 IN-D 500 | IN-D 630 | IN-D 800 NT-D 400
			ROTA TB 400	LP 380 | LP 460
			ROTA TB 500 | ROTA TB 610 ROTA TB-LH 630	LP 500
			ROTA NC 630 ROTA NC 800 ROTA NCF 630 ROTA TB-LH 630	BB-N 630
			ROTA NC 800	BB-N 800 | BB-N 1000

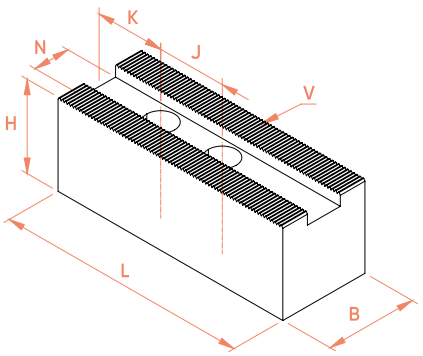
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung metrisch

Soft top jaws, metric serration

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
20	25	48	8	1,5mm x 60°	8	15	—	—	0,50	C15	I	M6	**BO04**	**215104**
25	25	54	10	1,5mm x 60°	13	14	—	4	0,60	C15	II	M8	**BR05**	**215205**
25	50	55	10		13	14	—	—	1,10	C15	I	M8	**DK05**	**215206**
25	32	57	10	1,5mm x 60°	10	18	—	4	0,80	C15	I	M8	**BO05**	**215105**
25	50	57	10		10	18	—	—	1,30	C15	I	M8	**DJ05**	**215207**
32	35	66	10	1,5mm x 60°	10	18	—	4	2,00	16MnCr5	III	M8	**VS10**	**853110**
24	26	67	10		9	18	—	3	0,90	16MnCr5	III	M8	**VS11**	**853111**
25	32	57	10		10	18	—	4	1,20	C15	II	M8	**BO05-4**	**215107**
25	25	57	10		10	18	—	—	1,10	C15	I	M8	**BQ05-4**	**215306**
25	50	57	10		10	18	—	—	1,80	C15	I	M8	**DJ05-4**	**215227**
25	25	62	10	1,5mm x 60°	8	19	—	4	0,90	C15	II	M8	**CK05**	**215208**
25	25	48	11	1,5mm x 60°	9,5	16	—	—	0,70	C15	I	M8	**DU05**	**215043**
30	35	80	11	1,5mm x 60°	14	25	—	8	1,70	C15	III	M8	**CK06**	**215209**
30	35	72	12	1,5mm x 60°	15	20	—	—	1,60	C15	I	M10	**BO06**	**215106**
30	30	72	12		15	20	—	—	1,10	C15	I	M10	**BQ06**	**215006**
30	60	72	12		15	20	—	—	3,50	C15	I	M10	**DJ06**	**215506**
32	32	82	12		15	20	—	5	1,30	C15	II	M10	**PT06**	**215016**
35	48	90	12	1,5mm x 60°	12	20	—	4	3,60	16MnCr5	III	M10	**VS12**	**853112**
30	35	72	12		15	20	—	—	2,20	C15	I	M10	**BO06-4**	**9904079**
30	30	72	12		15	20	—	—	1,50	C15	I	M10	**BQ06-4**	**215307**

Typ I



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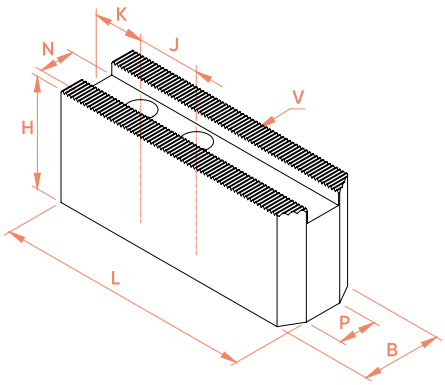
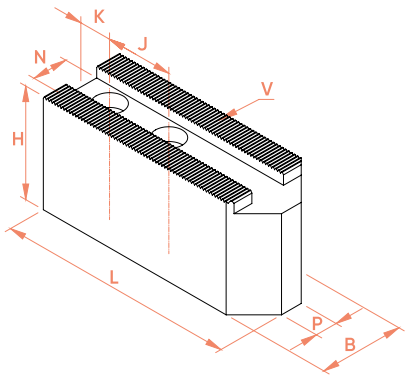


Typ III



Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
				B-04 | HOB-04			HCH-04		
N-204 N-205		HO1MA4		B-204 | B-205 N-04 | NL-04	ZA5-5-34	KFD-HE 130	HC-04 HCL-04 HS-04 HS-05		
				B-05 | HOB-05					
			VD016 VT016 VT-S 016						
		HO1MA5		N-05	ZA5-6-40		HC-05		
		HO27M4 HO27M5							
					ZA5-6-42 ZA5-6-46				
N-206 NB-206 V-206	QLC 160 QLC 175 QLK 160 QLK 175	HO15M6 HO15MA6 HO22M6 HO27M6 HO37M6 HO7MA6		B-06 | B-07 B-206 | BB-06 BB-206 | BL-206 HOB-06 HOH-06 HOH-106 HOH-206 ML-06 | N-06 NL-06		KFD-HE 170	HC-06 HCH-06 HCL-06 HH-206 HS-06 MH-206	ROTA NC 165 ROTA NC plus 185 ROTA NCD 165 ROTA NCD 185 ROTA NCF 165 ROTA NCF 185 ROTA NCF plus 185 ROTA NCK 165	AL-M 165 AN-M 165 AP-M 170 BB-M 165 BB-M 175 BH-M 165 BHM-FC 165 HFKN-M 165 NT-M 170
			VD021 VK021 VT021 VT-S 021						

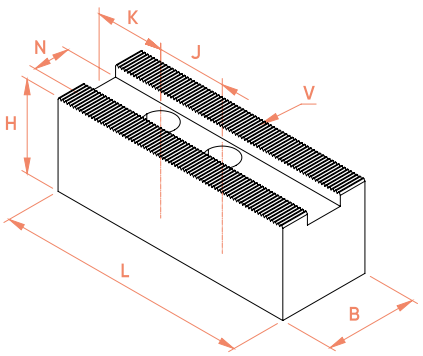
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung metrisch

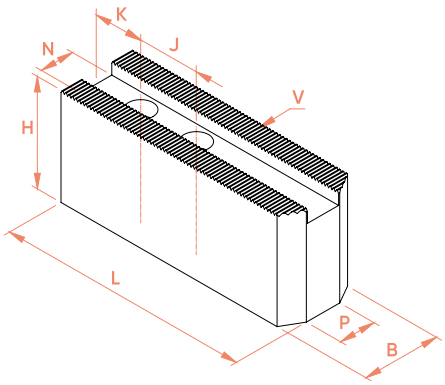
Soft top jaws, metric serration

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
35	40	95	14	1,5mm x 60°	25	25	—	—	2,70	C15	I	M12	**BO08**	**215108**
35	35	90	14		25	25	—	—	2,20	C15	I	M12	**BQ08**	**215101**
35	40	85	14		25	25	—	15	2,20	C15	III	M12	**CK08**	**215212**
35	80	95	14		25	25	—	—	4,00	C15	I	M12	**DJ08**	**215508**
35	40	102	14		25	25	—	5	2,90	C15	II	M12	**PT08**	**215008**
35	40	95	14		25	25	—	15	2,70	C15	III	M12	**CK09**	**215079**
40	40	85	16	1,5mm x 60°	20	25	—	—	2,80	C15	I	M12	**DU08**	**215088**
40	60	85	16		20	25	—	—	4,00	C15	I	M12	**DU09**	**214215**
40	40	110	16	1,5mm x 60°	30	30	—	—	3,40	C15	I	M12	**BO10**	**215110**
40	80	110	16		30	30	—	—	6,50	C15	I	M12	**DJ10**	**215510**
40	60	90	16		21	30	—	—	4,20	C15	I	M12	**DK10**	**215003**
40	40	125	16		30	30	—	5	4,50	C15	II	M12	**PT10**	**215010**
40	60	110	16		21	30	—	10	5,20	C15	III	M12	**DK11**	**215004**
38	50	106,5	16	1,5mm x 60°	14,5	30	—	10	4,80	16MnCr5	III	M12	**VS16**	**853116**
37	45	97	16		14,5	30	—	27	4,00	16MnCr5	III	M12	**VS17**	**853117**
40	40	110	16		21	30	—	—	4,60	C15	I	M12	**BO10-4**	**215119**
40	80	110	16		30	30	—	—	8,70	C15	I	M12	**DJ10-4**	**215514**
40	60	90	16		21	30	—	—	5,60	C15	I	M12	**DK10-4**	**215019**
40	40	105	18	1,5mm x 60°	24	30	—	—	4,40	C15	I	M14	**DU10**	**215001**
40	60	105	18		24	30	—	—	6,60	C15	I	M14	**DU11**	**215214**

Typ I



Typ II



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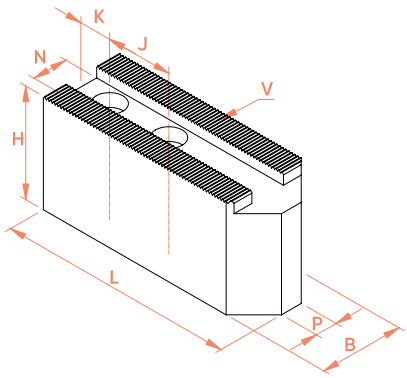


Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
N-208 NB-208 V-208	QLC 200 QLK 200	HO15M8 HO7MA8		B-08 B-208 | BB-08 BB-208 | BL-208 HOB-08 HOH-08 HOH-108 HOH-208 ML-08 | N-08 NL-08 | QJR08	ZA6-8-52 ZA6-8-66	KFD-HE 210	HC-08 HCH-08 HCL-08 HH-208 HS-08 MH-208	ROTA NC 210 ROTA NC plus 215 ROTA NCD 210 ROTA NCF 210 ROTA NCF plus 215 ROTA NCK 210	AL-M 210 AN-M 210 APL-M 215 AP-M 215 BB-M 210 BH-M 210 BHM-FC 210 HFKN-M 210 NT-M 215
		HO15M10 HO22M8 HO27M8 HO37M8 HO7MA10							
N-210 NB-210 V-210	QLC 250 QLK 250			B-10 | B-210 | BB-10 BB-210 | BL-210 HOB-10 HOH-10 HOH-10K HOH-210 | N-10 NL-10 | QJR10	ZA6-10-75 ZA6-10-78	KFD-HE 254	HC-10 HCH-10 HCL-10 HH-210 HS-10 MH-210	ROTA NC 250 ROTA NC plus 260 ROTA NCD 250 ROTA NCF 250 ROTA NCF plus 260 ROTA NCK 250	AL-M 250 AN-M 250 APL-M 260 AP-M 260 BB-M 250 BH-M 250 BHM-FC 250 HFKN-M 260 NT-M 260
			VD026 | VD031 VK026 | VK031 VK-S 026 VK-S 031 VL042 | VT026 VT031 VT-S 026 VT-S 031						
		HO15M12 HO22M10 HO27M10 HO37M10 HO7MA12							

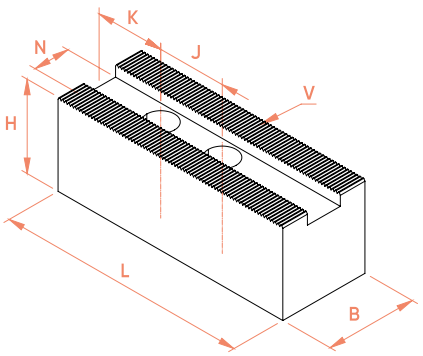
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung metrisch

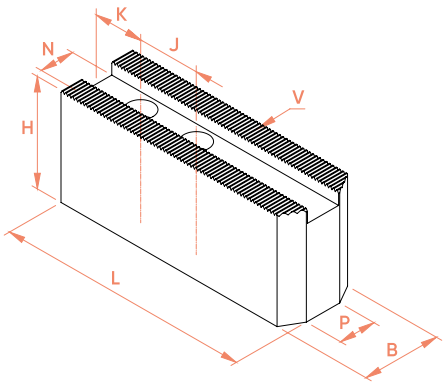
Soft top jaws, metric serration

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
50	50	130	18	1,5mm x 60°	40	30	—	—	6,80	C15	I	M14	**BO12**	**215112**
50	80	130	18		40	30	—	—	10,90	C15	I	M14	**DJ12**	**215512**
50	50	145	18		40	30	—	10	7,30	C15	II	M14	**PT12**	**215216**
50	100	130	18		40	30	—	—	13,60	C15	I	M14	**DJ14**	**215215**
50	65	111	21	1,5mm x 60°	25	35	—	—	7,10	C15	I	M16	**DU12**	**215612**
50	50	130	21	1,5mm x 60°	40	30	—	—	6,50	C15	I	M16	**BR13**	**215213**
50	80	130	21		40	30	—	—	10,90	C15	I	M16	**DJ13**	**215513**
50	50	145	21		40	30	—	10	7,30	C15	II	M16	**PT13**	**215219**
48	60	126	21	1,5mm x 60°	18	30	—	10	8,50	16MnCr5	III	M16	**VS21**	**853121**
50	50	130	21		40	30	—	—	10,10	C15	I	M16	**BR13-4**	**215223**
50	80	130	21		40	30	—	—	15,40	C15	I	M16	**DJ13-4**	**215515**
64	76	165	22	1,5mm x 60°	37	43	—	—	15,20	C15	I	M20	**BO15**	**215115**
64	127	165	22		37	43	—	—	25,00	C15	I	M20	**DJ15**	**215217**

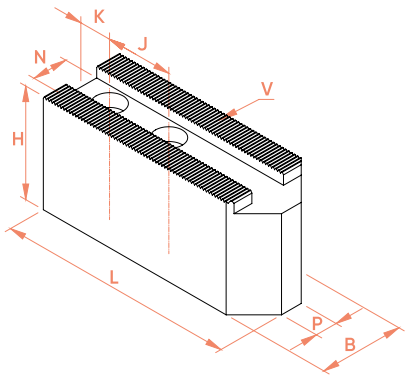
Typ I



Typ II



Typ III



Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
V-212				B-12 HOB-12 HOH-12 HOH-12K N-12 | NL-12	ZA6-12-78 ZA8-12-85 ZA8-12-93		HC-12 HCH-12 HCL-12	ROTA NC 315 ROTA NCF 315 ROTA NCK 315	
		HO27M12 HO37M12							
N-212 NB-212	QLC 315 QLC 400 QLK 315 QLK 400			B-212 BB-212 | BL-212 QJR12		KFD-HE 315		ROTA NC plus 315 ROTA NCD 315 ROTA NCF plus 315 ROTA NCK 315 ROTA NCK plus 315	AL-M 315 AN-M 315 APL-M 315 AP-M 315 BB-M 305 BB-M 315 BH-M 315 BHM-FC 315 GH-M 400 HFKN-M 315 NT-M 315
			VD040 | VK040 VK-S 040 VT040 VT-S 040						
N-215				B-15 | B-18 HOB-15 HOB-18 HOH-15 HOH-15K HOH-18 | N-15 N-18 | NL-18 NV-15 | NV-18			HC-15 HCH-15 HCH-18	ROTA NC 400 ROTA NCF 400	AL-M 400 AN-M 400 APL-M 400 AP-M 400 BH-M 400 BH-M 450 BHM-FC 400 NT-M 400

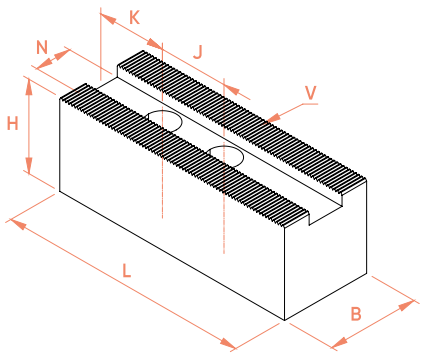
UNIJaws®

Aufsatzbacken weich, Spitzverzahnung metrisch / Modul 2

Soft top jaws, metric serration / modul 2

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
32	32	72	12	3,0mm x 60°	15	20	—	—	1,60	C15	I	M10	**BP06**	**215211**
32	44	95	14	3,0mm x 60°	25	25	—	—	2,70	C15	I	M12	**BP08**	**215408**
40	40	110	16	3,0mm x 60°	30	30	—	—	3,40	C15	I	M12	**BP10**	**215410**
50	50	130	18	3,0mm x 60°	40	30	—	—	6,80	C15	I	M14	**BP12**	**215412**
64	76	150	22	3,0mm x 60°	30	50	—	—	13,80	C15	I	M20	**CK15**	**215015**
60	80	180	25	3,0mm x 60°	40	60	—	—	16,50	C15	I	M20	**BO18**	**215118**
60	125	180	25		40	60	—	—	32,00	C15	I	M20	**DJ18**	**215220**
58	90	175	25	3,0mm x 60°	21	60	—	10	22,00	16MnCr5	III	M20	**VS25**	**853125**
60	80	180	25		40	60	—	—	22,20	C15	I	M20	**BO18-4**	**215120**
60	125	180	25		40	60	—	—	34,70	C15	I	M20	**DJ18-4**	**215224**
38	50	106,5	16	Modul 2	14,5	30	—	10	4,80	16MnCr5	III	M12	**VP16**	**851016**
58	90	175	16		14,5	30	—	—	25,40	16MnCr5	I	M12	**VP17**	**851017**
58	90	250	16		—	—	—	—	38,9	16MnCr5	I	—	**VP18U**	**851018**
55	60	126	21	Modul 2	40	30	—	10	23,20	16MnCr5	III	M16	**VP21**	**851021**
76	110	200	21		40	30	—	—	46,80	16MnCr5	I	M16	**VP22**	**851022**
110	115	246	21		—	—	—	—	91,8	16MnCr5	I	—	**VP23U**	**851023**

Typ I



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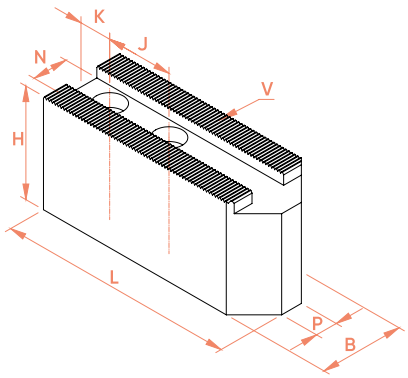


Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
		HO1MA6							
		HO1MA8							
		HO1MA10							
		HO1MA12							
					ZA8-15-120				
V-221 V-224				B-21 | B-24 HOB-21 HOB-24 | N-21 N-24 | NV-21 NV-24 | NV-28 NV-32 | NV-36 NV-40			HC-21 HC-24 HCH-21 HCH-24 HH-221 HH-224 MH-221 MH-224		
			VD050 | VD063 VD080 | VD100 VD120 | VK050 VK063 | VK080 VK-S 050 | VK-S 063 VK-S 080 | VK-S 100 VT-S 050 | VT-S 063 VT-S 080 | VT-S 100						
			VL060 | VL070						
			VL100 | VL120 VL140 | VL160 VL180 | VL200						

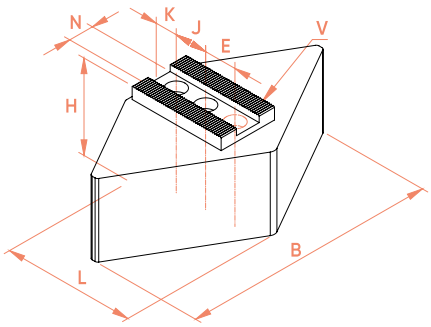
UNIJaws®

Segmentbacken weich, Spitzverzahnung zoll

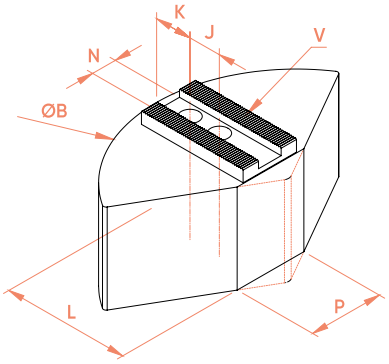
Segment jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
92	40	50	10	1/16" x 90°	15	12	12	—	2,40	C15	I	M6	**CX13**	**206104**
92	50	50	10		15	12	12	—	1,10	Aluminium	I	M6	**HV13**	**206107**
120	60	60	12	1/16" x 90°	20	15	15	—	5,50	C15	I	M8	**CX16**	**206105**
120	64	64	12		20	15	15	—	2,10	Aluminium	I	M8	**HV16**	**206108**
150	64	76	17	1/16" x 90°	36	19	—	—	8,50	C15	I	M12	**CX20**	**206106**
150	64	76	17		41	19	—	—	3,10	Aluminium	I	M12	**HV20**	**206109**
120	60	60	17	1/16" x 90°	15	22	—	—	9,00	C15	I	M12	**CM16**	**208001**
120	64	64	17		15	22	—	—	3,20	Aluminium	I	M12	**HL16**	**210001**
Ø169	76	76	17		21,5	22	—	—	13,00	C15	II	M12	**BN77**	**211101**
Ø169	76	76	17		21,5	22	—	—	4,00	Aluminium	II	M12	**BN79**	**211201**
170	64	89	17	1/16" x 90°	15	22	—	—	14,00	C15	I	M12	**CM20**	**208002**
170	64	89	17		15	22	—	—	5,00	Aluminium	I	M12	**HL20**	**210003**
Ø210	76	95	17		25	22	—	—	21,00	C15	II	M12	**BN87**	**211102**
Ø210	76	95	17		25	22	—	—	7,00	Aluminium	II	M12	**BN89**	**211202**
190	64	89	17	1/16" x 90°	20	22	—	—	20,00	C15	I	M12	**CM25**	**208003**
190	64	89	17		20	22	—	—	7,00	Aluminium	I	M12	**HL25**	**210005**

Typ I



Typ II



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
		KFD 140 | KFD-HS 130 KFD-HS 140		
		KFD-HE 170 | KFD-HS 160 KFD-HS 175 | LVE 160	ROTA NCD 160	
		KFD-HS 200 | KFD-HS 250		
HES 160 HES 200 HESF 160 HESF 200 KF 160 KF 200 KHFF 200	KG 200 | KGH 160 | KGH 175 KGH 200 | KGHF 160 | KGHF 175 KGHF 200 | KL 160 | KLNC 200 KP 200 | KS 160 | KS 200 KS 250 | KSF 175 | KSF 200 KSH 160 | KSH 200 | KSHF 200 KT 160 | KTG 160 | KTG 200 KTH 160 | KTH 175 | KTH 200 KTN 160 | KTN 200 | NH 160 NH 175 | NH 200 | NHF 160 NHF 175 | NHF 200 | QLC 160 QLC 175 | QLC 200 | QLC-KS 200 QLK 160 | QLK 175 | QLK 200 QLK-KS 200	KFD 160 | KFD-AF 160 KFD-HF 160 | KFD-HS 200 KFH 160 | KFH-F 160 | KFH-G 160 KFH-HC 160 | KFH-NC 160	ROTA NC 165 ROTA NCD 185 ROTA NCF 165 ROTA NCO 165	AL-D 210 | AN-D 210 | BB-D 210 | BH-D 210 GHD-FC 210 | GHDN 210 | HDL 200 HDN 200 | HDN 220 | HFK 160 | HFKS 160
HES 200 HESF 200 KF 200 KHFF 200	KG 200 | KGH 200 | KGHF 200 KL 200 | KLNC 200 | KP 200 KS 200 | KS 250 | KSF 200 KSH 200 | KSHF 200 | KT 200 KTG 200 | KTH 200 | KTN 200 NH 200 | NHF 200 | QLC 200 QLC-KS 200 | QLC-KS 250 QLK 200 | QLK-KS 200 QLK-KS 250	KFD 200 | KFD-AF 200 KFD-HE 200 | KFD-HE 210 KFD-HF 200 | KFD-HS 200 KFD-HS 250 | KFH 200 KFH-F 200 | KFH-G 200 KFH-NC 200 | KFL 250 | LVE 200	ROTA NC 210 ROTA NC plus 215 ROTA NCD 210 ROTA NCD 215 ROTA NCF 210 ROTA NCF plus 215 ROTA NCK 210 ROTA NCK 250 ROTA NCK plus 210 ROTA NCK plus 250 ROTA NCO 210 ROTA TP 200	AL-D 210 | AN-D 210 | AP-D 215 | AP-D 260 APL-D 215 | APL-D 260 | BB-D 210 BH-D 210 | BHD-FC 210 | GHD 210 GHD-FC 210 | GHDN 210 | HD-B 220 HDL 200 | HDN 200 | HDN 220 | HFK 200 HFKN-D 210 | HFKS 200 | LP 205 | NT-D 215 SP 200 | SP 240
	KS 250 | QLC-KS 250 QLK-KS 250	KFD-HS 250 | KFL 250	ROTA NCK 250 ROTA NCK plus 250	

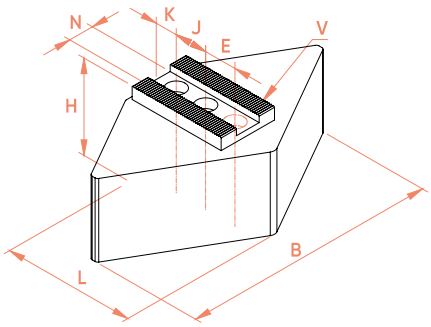
UNIJaws®

Segmentbacken weich, Spitzverzahnung zoll

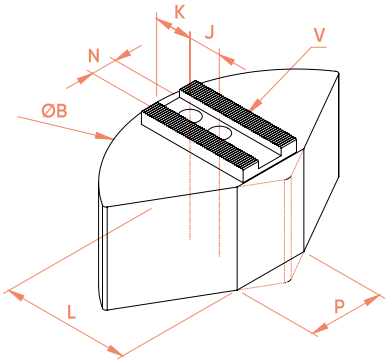
Segment jaws, inch serration

B mm	H mm	L mm	N mm	V	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
190	64	89	21	1/16" x 90°	20	28	—	—	20,00	C15	I	M16	**CM26**	**208004**
190	64	89	21		20	28	—	—	7,00	Aluminium	I	M16	**HL26**	**210004**
Ø254	76	111	21		28	28	—	—	29,00	C15	II	M16	**BN17**	**211103**
Ø254	76	111	21		28	28	—	—	10,00	Aluminium	II	M16	**BN19**	**211203**
240	76	118	21	1/16" x 90°	30	28	—	—	28,00	C15	I	M16	**CM32**	**208005**
240	76	118	21		30	28	—	—	10,00	Aluminium	I	M16	**HL32**	**210006**
Ø304	76	133	21		38	28	—	—	41,00	C15	II	M16	**BN24**	**211104**
Ø304	76	133	21		38	28	—	—	14,00	Aluminium	II	M16	**BN26**	**211204**
280	76	152	25,5	3/32" x 90°	32	35	—	—	40,00	C15	I	M20	**CM40**	**208006**
280	76	152	25,5		32	35	—	—	13,00	Aluminium	I	M20	**HL40**	**210007**
Ø400	76	177	25,5		53	35	—	—	64,00	C15	II	M20	**BN27**	**211105**
Ø400	76	177	25,5		53	35	—	—	21,00	Aluminium	II	M20	**BN29**	**211205**

Typ I



Typ II



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
HES 250 HES 315 HESF 250 HESF 315 KF 250 KF 315 KHFF 250 KHFF 315	KG 250 | KL 250 | KLNC 250 KP 250 | KSH 250 | KSHF 250 KT 250 | KTG 250 | KTN 250 NH 250 | NHF 250 | QLC 250 QLK 250	KFD 250 | KFD-AF 250 KFD-HE 254 | KFD-HF 250 KFH 250 | KFH-F 250 | KFH-G 250 KFH-NC 250 | KFL 250 | LVE 250	ROTA NC 250 ROTA NC plus 260 ROTA NCD 250 ROTA NCF 250 ROTA NCF plus 260 ROTA NCO 260 ROTA TP 250	AL-D 250 | AL-D 315 | AN-D 250 | AN-D 315 BB-D 250 | BB-D 315 | BH-D 250 | BH-D 315 BHD-FC 250 | GHD 250 | GH-D 400 GHD-FC 250 | GHD-FC 305 | GHD-FC 400 GHDN 250 | GHDN 315 | GHDN 400 HDL 250 | HDL 315 | HDL 400 | HDN 250 HDN 315 | HDN 400 | HFK 250 | HFK 270 HFKN-D 260 | HFKS 250 | HFKS 270 LP 250 | SP 250 | SP 280
HES 315 HESF 315 KF 315 KHFF 315	KG 315 | KLNC 315 | KP 315 KS 315 | KS 400 | KSH 315 KSH 400 | KSHF 315 | KSHF 400 KT 315 | KTG 315 | KTN 315 NH 315 | NHF 315 | QLC 315 QLC-KS 315 | QLC-KS 400 QLK 315 | QLK-KS 315 QLK-KS 400	KFD 315 | KFD-AF 315 KFD-HE 315 | KFD-HF 315 KFD-HS 315 | KFH 315 KFH-F 315 | KFH-G 315 KFH-NC 315 | KFL 315 KFL 400 | LVE 305 | LVE 315	ROTA NC 315 ROTA NC plus 315 ROTA NCD 315 ROTA NCF 315 ROTA NCF plus 315 ROTA NCK plus 315 ROTA NCO 315 ROTA TP 315 ROTA TP 350	SP 280 | SP 350 | AL-D 315 | AN-D 315 AP-D 315 | APL-D 315 | BB-D 315 BH-D 315 | BHD-FC 315 | GHD 305 GHD 400 | GH-D 400 | GHD-FC 305 GHD-FC 315 | GHD-FC 400 | GHDN 305 GHDN 315 | GHDN 400 | HD-B 300 HDL 315 | HDL 400 | HDN 315 | HDN 400 HFK 315 | HFKN-D 315 | HFKS 315 NT-D 315 | SP 315
HES 400 HES 500 HES 630 HESF 400 HESF 500 HESF 630 KF 400 KF 500 KF 630 KHFF 400 KHFF 500 KHFF 630	KG 400 | KG 500 | KL 400 KL 500 | KLNC 400 | KLNC 500 KP 400 | KP 500 | KS 500 KS 630 | KSH 500 | KSHF 630 KT 400 | KT 500 | KTG 400 KTG 500 | KTG 630 | KTN 400 KTN 500 | KTN 630 | NH 400 NH 500 | NH 630 | NHF 400 NHF 500 | NHF 630 | QLC 400 QLK 400	KFD 400 | KFD 500 | KFD 630 KFD 800 | KFD-HE 400 KFD-HF 400 | KFD-HF 500 KFD-HF 630 | KFD-HS 400 KFD-HS 500 | KFH 400 | KFH 500 KFH-F 400 | KFH-F 500 KFH-G 400 | KFH-G 500 KFH-NC 400 | KFH-NC 500 KFL 500 | KFL 600 | LVE 400 LVE 500 | LVE 630 | LVE 800	ROTA NC 400 ROTA NC 500 ROTA NCD 400 ROTA NCD 500 ROTA NCD 630 ROTA NCF 400 ROTA NCF 500 ROTA NCO 400 ROTA NCO 500	AL-D 400 | AN-D 400 | AP-D 400 APL-D 400 | BB-N 400 | BB-N 460 BB-N 470 | BB-N 500 | BB-N 600 BB-N ES 400 | BB-N ES 460 | BB-N ES 470 BB-N ES 500 | BB-N ES 600 | BH-D 400 BH-D 450 | BH-D 500 | BH-D 630 | BH-D 800 BHD-FC 400 | BHD-FC 500 | BHD-FC 630 GHD 500 | GH-D 500 | GH-D 610 | GH-D 800 GHDN 500 | GHDN 610 | GHDN 640 GHDN 800 | HFK 400 | HFK 500 | HFKN-D 400 | HFKN-D 500 | HFKS 400 HFKS 500 | IL-D 500 | IL-D 630 | IN-D 500 IN-D 630 | IN-D 800 | NT-D 400

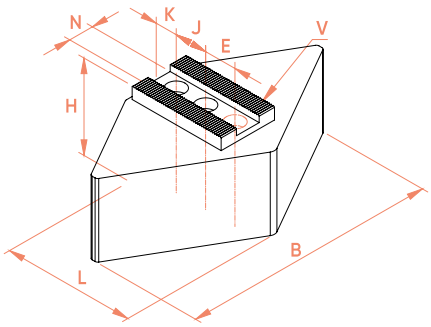
UNIJaws®

Segmentbacken weich, Spitzverzahnung metrisch

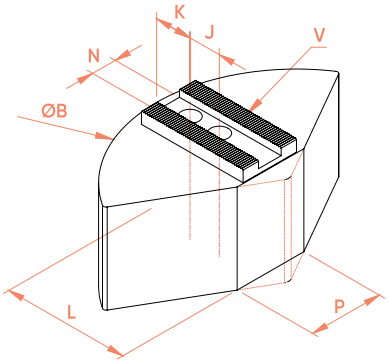
Segment jaws, metric serration

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
Ø165	66	70	10	1,5mm x 60°	14,5	18	—	19,3	8,70	16MnCr5	II	M8	**VQ10**	**853210**
Ø165	66	70	10		14,5	18	—	19,3	3,10	Aluminium	II	M8	**VQA10**	**853410**
Ø210	66	86	12	1,5mm x 60°	22	20	—	34,3	14,00	16MnCr5	II	M10	**VQ12**	**853212**
Ø210	66	86	12		22	20	—	34,3	4,90	Aluminium	II	M10	**VQA12**	**853412**
120	60	60	12	1,5mm x 60°	15	20	—	—	9,00	C15	I	M10	**CN16**	**217001**
120	64	64	12		15	20	—	—	3,20	Aluminium	I	M10	**HN16**	**219002**
Ø169	76	76	12		20	20	—	—	13,00	C15	II	M10	**SG06**	**218101**
Ø169	76	76	12		20	20	—	—	6,00	Aluminium	II	M10	**AG06**	**218201**
150	64	89	14	1,5mm x 60°	15	25	—	—	14,00	C15	I	M12	**CN20**	**217002**
150	64	76	14		15	25	—	—	5,00	Aluminium	I	M12	**HN20**	**219001**
Ø210	76	99	14		25	25	—	—	20,00	C15	II	M12	**SG08**	**218102**
Ø210	76	99	14		25	25	—	—	9,80	Aluminium	II	M12	**AG08**	**218202**
170	64	102	16	1,5mm x 60°	20	30	—	—	20,00	C15	I	M12	**CN25**	**217003**
170	64	102	16		20	30	—	—	7,00	Aluminium	I	M12	**HN25**	**219003**
Ø254	76	122	16		27	30	—	—	29,00	C15	II	M12	**SG10**	**218103**
Ø254	76	122	16		27	30	—	—	13,00	Aluminium	II	M12	**AG10**	**218203**

Typ I



Typ II



Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Sam-chully	Schunk	SMW-Autoblok
			VD016 VT016 VT-S 016						
			VD021 VK021 VT021 VT-S 021						
N-206 NB-206 V-206	QLC 160 QLC 175 QLK 160 QLK 175	HO15MA6 HO22M6 HO27M6 HO37M6 HO7MA6		B-06 | B-07 | B-206 BB-06 | BB-206 BL-206 | HOB-06 HOH-06 | HOH-106 HOH-206 | ML-06 N-06 | NL-06		KFD-HE 170	HC-06 HCH-06 HCL-06 HH-206 HS-06 MH-206	ROTA NC 165 ROTA NC plus 185-52 ROTA NCD 165 ROTA NCD 185 ROTA NCF 165 ROTA NCF 185 ROTA NCF plus 185 ROTA NCK 165 ROTA NCK plus 165-45	AL-M 165 AN-M 165 AP-M 170 BB-M 165 BB-M 175 BH-M 165 BHM-FC 165 HFKN-M 165 NT-M 170
N-208 NB-208 V-208	QLC 200 QLK 200	HO15M8 HO7MA8		B-08 | B-208 BB-08 | BB-208 BL-208 | HOB-08 HOH-08 | HOH-108 HOH-208 | ML-08 N-08 | NL-08 QJR08	ZA6-8-52 ZA6-8-66	KFD-HE 210	HC-08 HCH-08 HCL-08 HH-208 HS-08 MH-208	ROTA NC 210 ROTA NC plus 215 ROTA NCD 210 ROTA NCF 210 ROTA NCF plus 215 ROTA NCK 210 ROTA NCK plus 210-52	AL-M 210 AN-M 210 APL-M 215 AP-M 215 BB-M 210 BH-M 210 BHM-FC 210 HFKN-M 210 NT-M 215
N-210 NB-210 V-210	QLC 250 QLK 250			B-10 | B-210 BB-10 | BB-210 BL-210 HOB-10 | HOH-10 HOH-10K HOH-210 N-10 | NL-10 QJR10	ZA6-10-75 ZA8-10-78	KFD-HE 254	HC-10 HCH-10 HCL-10 HH-210 HS-10 MH-210	ROTA NC 250 ROTA NC plus 260 ROTA NCD 250 ROTA NCF 250 ROTA NCF plus 260 ROTA NCK 250 ROTA NCK plus 250-75	AL-M 250 AN-M 250 APL-M 260 AP-M 260 BB-M 250 BH-M 250 BHM-FC 250 HFKN-M 260 NT-M 260

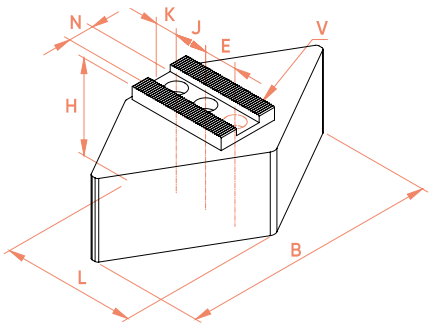
UNIJaws®

Segmentbacken weich, Spitzverzahnung metrisch

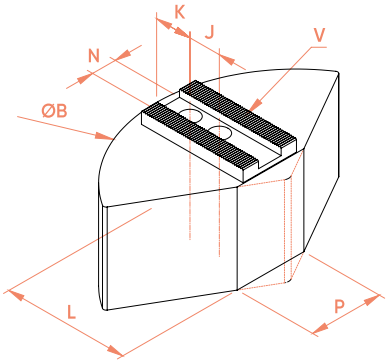
Segment jaws, metric serration

B mm	H mm	L mm	N mm	V mm	K mm	J mm	E mm	P mm	Masse pro Satz *mass pro set* kg	Werkstoff *material*	Typ *type*	Schraube *bolt*	Backentyp *jaw type*	Ident-Nr. *ident-no.*
Ø255	76	106	16	1,5mm x 60°	14,5	30	—	35,9	24,40	16MnCr5	II	M12	**VQ16**	**853216**
Ø255	76	106	16		14,5	30	—	35,9	8,50	Aluminium	II	M12	**VQA16**	**853416**
Ø315	76	135	16	1,5mm x 60°	27,5	30	—	38	38,40	16MnCr5	II	M12	**VQ18**	**853218**
Ø315	76	135	16	1,5mm x 60°	27,5	30	—	38	13,40	Aluminium	II	M12	**VQA18**	**853418**
240	76	132	18	1,5mm x 60°	30	30	—	—	28,00	C15	I	M14	**CN32**	**217004**
240	76	132	18		30	30	—	—	10,00	Aluminium	I	M14	**HN32**	**219004**
Ø304	76	146	18		34	30	—	—	41,00	C15	II	M14	**SG12**	**218104**
Ø304	76	146	18		34	30	—	—	15,00	Aluminium	II	M14	**AG12**	**218204**
240	76	132	21	1,5mm x 60°	30	30	—	—	28,00	C15	I	M16	**CN33**	**217005**
240	76	132	21		30	30	—	—	10,00	Aluminium	I	M16	**HN33**	**219005**
Ø304	76	133	21		34	30	—	—	41,00	C15	II	M16	**NG12**	**218105**
Ø304	76	133	21		34	30	—	—	15,00	Aluminium	II	M16	**OG12**	**218205**
Ø400	76	157	21	1,5mm x 60°	27,5	30	—	76	59,20	16MnCr5	II	M16	**VQ21**	**853221**
Ø400	76	157	21		27,5	30	—	76	20,80	Aluminium	II	M16	**VQA21**	**853421**
280	76	152	22	1,5mm x 60°	37	43	—	—	48,00	C15	I	M20	**CN38**	**217007**
280	76	152	22		37	43	—	—	16,00	Aluminium	I	M20	**HN38**	**219006**
Ø381	76	171	22		37	43	—	—	56,00	C15	II	M20	**SF15**	**218304**
Ø381	76	171	22		37	43	—	—	19,00	Aluminium	II	M20	**AF15**	**218404**

Typ I



Typ II



Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Sam-chully	Schunk	SMW-Autoblok
			VD026 VK026 VK-S 026 VT026 VT-S 026						
			VD031 VK031 VT031 VT-S 031						
V-212				B-12 | HOB-12 HOH-12 HOH-12K N-12 | NL-12	ZA6-12-78 ZA8-12-78 ZA8-12-85 ZA8-12-93		HC-12 HCH-12 HCL-12	ROTA NC 315 ROTA NCF 315 ROTA NCK 315	
N-212 NB-212						KFD-HE 315	HH-212 HS-12 MH-212	ROTA NC plus 315 ROTA NCD 315 ROTA NCF plus 315 ROTA NCK 315 ROTA NCK plus 315-91	AL-M 315 AN-M 315 APL-M 315 AP-M 315 BB-M 305 BB-M 315 BH-M 315 BHM-FC 315 GH-M 400 HFKN-M 315 NT-M 315
			VD040 VK040 VK-S 040 VT040 VT-S 040						
N-215				B-15 | B-18 HOB-15 | HOB-18 HOH-15 | HOH-15K HOH-18			HCH-15 HCH-18	ROTA NC 400 ROTA NCF 400	

Weiche Standard-Aufsatzbacken mit Kreuzversatz für alle gängigen Backenschnellwechselfutter, Planspiralfutter sowie HWR **INO**Flex® VF-Futter.

Soft standard top jaws with tongue and groove for all common quick-change chucks, scroll chucks and HWR ***INO***Flex® *VF chucks.*

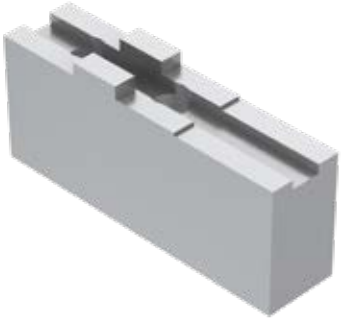
Übersicht / Overview

Weiche Aufsatzbacken, Kreuzversatz

Soft top jaws, tongue and groove

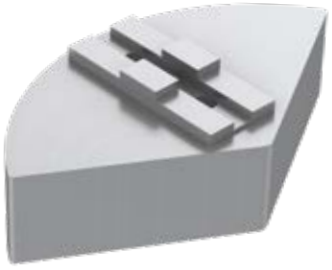
Aufsatzbacken weich, Kreuzversatz für INOFlex® VF-Futter
soft top-jaws, tongue and groove for ***INO****Flex® VF chucks*

Seite/page 136–137



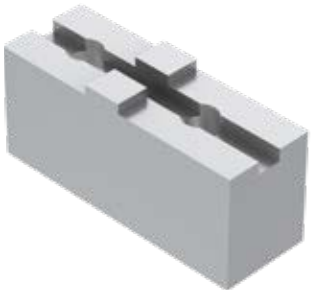
Aufsatzbacken weich, Kreuzversatz metrisch
soft top-jaws, tongue and groove metric

Seite/page 136–139



Segmentbacken weich, Kreuzversatz metrisch
segment jaws, tongue and groove metric

Seite/page 140–141



Aufsatzbacken weich, Kreuzversatz (amerik. Standard)
soft top-jaws, tongue and groove (American standard)

Seite/page 143

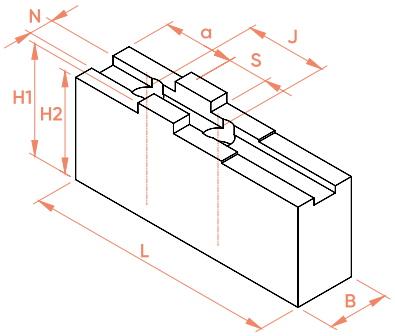
UNIJaws®

Aufsatzbacken weich, Kreuzversatz metrisch

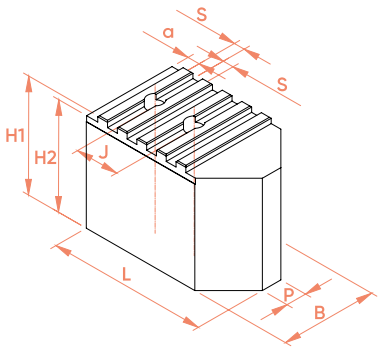
Soft top jaws metric, tongue and groove

B mm	H1 mm	H2 mm	L mm	N mm	S mm	J mm	a mm	P mm	Masse pro Satz *mass pro set* kg	Ident-Nr. *ident-no.*	Backentyp *jaw type*	Werkstoff *material*	Typ *type*	Schraube *bolt*
20	40	35,5	69	8	18	32	25	—	0,9	**236003**	**CU14**	C15	I	M8
30	45	41	63	8	18	32	19	—	1,7	**237141**	**CU141**	C15	I	M8
20	40	35,5	85	8	18	32	25	—	1,1	**236004**	**CU16**	C15	I	M8
30	55	51	85	8	18	32	19	—	2,6	**237161**	**CU161**	C15	I	M8
40	40	36	60	8	18	32	17	—	1,8	**236005**	**DP16**	C15	I	M8
40	60	56	70	8	18	32	19	—	3,3	**237163**	**CU163**	C15	I	M8
25	51	47	85	8	18	32	25	—	0,7	**238001**	**CW16**	Aluminium	I	M8
36	38	34,9	63	—	5,5	22	9,75	6	2,10	**851010**	**VP10**	16MnCr5	II	M10
22	51	47	105	10	20	40	34	—	2,2	**236006**	**CU20**	C15	I	M8
30	55	51	100	10	20	40	23	—	2,9	**237201**	**CU201**	C15	I	M8
40	40	36	70	10	20	40	22	—	2,2	**236007**	**DP20**	C15	I	M8
40	60	56	85	10	20	40	23	—	4,0	**237204**	**CU204**	C15	I	M8
40	80	76	95	10	20	40	23	—	5,8	**237205**	**CU205**	C15	I	M8
25	51	47	105	10	20	40	34	—	0,9	**238002**	**CW20**	Aluminium	I	M8
30	55	50	125	12	20	40	36	—	3,6	**236008**	**CU25**	C15	I	M12
40	60	55	90	12	20	40	26	—	3,9	**237251**	**CU251**	C15	I	M12
40	60	55	125	12	20	40	26	—	5,8	**237252**	**CU252**	C15	I	M12
40	80	75	125	12	20	40	26	—	7,5	**237253**	**CU253**	C15	I	M12
40	100	95	125	12	20	40	26	—	9,6	**237254**	**CU254**	C15	I	M12
40	125	120	125	12	20	40	26	—	12	**237255**	**CU255**	C15	I	M12
60	60	55	90	12	20	40	26	—	6,2	**236009**	**DP25**	C15	I	M12
80	60	55	90	12	20	40	26	—	8,5	**237257**	**CU257**	C15	I	M12
40	60	55	125	12	20	40	36	—	2	**238003**	**CW25**	Aluminium	I	M12
48	58	54,9	80	—	5,5	22	6,25	10	5,70	**851012**	**VP12**	16MnCr5	II	M10

Typ I



Typ II



Berg	Forkardt	HWR	Röhm	Samchully	Schunk	SMW-Autoblok
KHNC 140			DURO-NC 140 DURO-NC 168			KNCS 140 | KNCS-N 140
KHNC 160 KHNC 185	F 160 | F+ 160 FNC 175 | KTNC 160 KTNCV 160 KTNCV 175		DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-NCE 175 DURO-NCES 175 DURO-T 160	QJC-206	ROTA NC-W 185 ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185 ROTA-G 160 ROTA-S 160 | ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160 | HG-N 160 KNCS 160 | KNCS 170 KNCS 175 | KNCS-N 170 KNSP 160 | RMG 160
		VF016				
KHNC 200	F 200 | F+ 200 FNC 200 | KTNC 200 KTNCV 200		DURO 200 DURO-NC 200 DURO-NC 225 DURO-NCE 200 DURO-NCES 200 DURO-T 200	QJC-208	ROTA NC-W 225 ROTA NC-WF 210 ROTA THW 210 ROTA THW plus 215 ROTA THWB 210 | ROTA-G 200 ROTA-S 200 | ROTA-S plus 200 ROTA-S plus 2.0 200	HG-F 210 | HG-N 210 KNCS 200 | KNCS 210 KNCS 225 | KNCS-N 210 KNCS-N 225 | KNCS-NB 210 KNCS-NB 225 | KNSP 200 RMG 200
KHNC 250 KHNC 315	F 250 | F+ 250 FNC 250 | FNC 315 KTNC 250 KTNC 265 | KTNC 280 KTNC 315 KTNCV 250 KTNCV 270 KTNCV 315		DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO-NCES 250 DURO-NCES 315 DURO-T 250	QJC-210 QJC-212	ROTA NC-W 265 ROTA NC-W 315 ROTA NC-WF 250 ROTA NC-WF 315 ROTA THW 250 ROTA THW 265 | ROTA THW 315 ROTA THW plus 260 ROTA THW plus 315 ROTA THWB 265 | ROTA-G 250 ROTA-G 315 | ROTA-S 250 ROTA-S plus 250 ROTA-S plus 2.0 250	HG-F 260 | HG-N 260 HG-N 315 | KNCS 250 KNCS 260 |KNCS 315 KNCS 340 | KNCS-N 260 KNCS-N 275 | KNCS-N 315 KNCS-NB 260 | KNCS-NB 275 KNCS-NB 315 | RMG 250
		VF026				

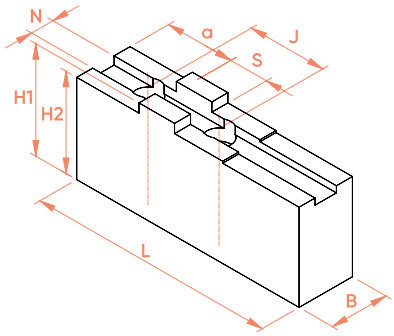
UNIJaws®

Aufsatzbacken weich, Kreuzversatz metrisch

Soft top jaws metric, tongue and groove

B mm	H1 mm	H2 mm	L mm	N mm	S mm	J mm	a mm	P mm	Masse pro Satz *mass pro set* kg	Ident-Nr. *ident-no.*	Backentyp *jaw type*	Werkstoff *material*	Typ *type*	Schraube *bolt*
40	60	54	145	12	26	54	45	—	6,8	**236010**	**CU32**	C15	I	M12
40	60	54	110	12	26	54	30	—	4,9	**237321**	**CU321**	C15	I	M12
40	100	94	145	12	26	54	30	—	11,1	**237322**	**CU323**	C15	I	M12
40	125	119	145	12	26	54	30	—	13,9	**237324**	**CU324**	C15	I	M12
40	150	144	145	12	26	54	30	—	16,9	**237325**	**CU325**	C15	I	M12
60	60	54	110	12	26	54	30	—	7,6	**237326**	**CU326**	C15	I	M12
80	60	54	100	12	26	54	30	—	8,4	**236011**	**DP32**	C15	I	M12
80	80	74	110	12	26	54	30	—	14,1	**237328**	**CU328**	C15	I	M12
50	80	74	145	12	26	54	30	—	11,6	**237329**	**CU329**	C15	I	M12
40	60	54	145	12	26	54	45	—	2,4	**238004**	**CW32**	Aluminium	I	M12
50	80	73	180	18	30	60	50	—	11,2	**236012**	**CU40**	C15	I	M16
60	80	73	130	18	30	60	35	—	11,9	**237401**	**CU401**	C15	I	M16
60	80	73	180	18	30	60	35	—	16,5	**237402**	**CU402**	C15	I	M16
60	100	93	155	18	30	60	35	—	15,3	**237403**	**CU403**	C15	I	M16
60	125	118	155	18	30	60	35	—	18,7	**237404**	**CU404**	C15	I	M16
80	80	73	130	18	30	60	35	—	16,2	**237405**	**DP40**	C15	I	M16
50	160	152	155	18	30	60	35	—	25,2	**237406**	**CU406**	C15	I	M16
51	100	93	180	18	30	60	50	—	6,3	**238005**	**CW40**	Aluminium	I	M16
60	100	92	220	18	40	76	58	—	28,5	**236014**	**CU50**	C15	I	M16
60	125	119	260	24	40	82	70	—	42	**236015**	**CU63**	C15	I	M20

Typ I



Berg	Forkardt	HWR	Röhm	Samchully	Schunk	SMW-Autoblok
KHNC 400	F 315 | F+ 315 FNC 400 | KTNC 360 KTNC 400 KTNCV 400		DURO 315 DURO-NC 315 DURO-NC 340 DURO-NCE 400 DURO-NCES 400 DURO-T 315	QJC-215	ROTA NC-W 400 | ROTA THW 400 ROTA THWB 315 | ROTA-G 400 ROTA-S 315 | ROTA-S plus 315 ROTA-S plus 2.0 315	HG-F 315 | HG-N 400 | KNCS 400 KNCS-N 400 | KNCS-NB 325 KNCS-NB 340 | KNCS-NB 400 KNCS-NBX 425 | RMG 315
KHNC 500	F 400 | F 500 F 500L | F+ 400 F+ 500 | F+ 500L FNC 500 | FNC 630 KTNC 500 KTNC 630 KTNCV 500 KTNCV 630		DURO 400 DURO 500 DURO-NC 400 DURO-NC 500 DURO-NCE 500 DURO-T 400 DURO-T 500		ROTA-S 400 | ROTA-S 500 ROTA THW 500 | ROTA THW 630 ROTA THW 800 ROTA THWB 400 ROTA THWB 500 | ROTA-G 500 ROTA-S plus 400 ROTA-S plus 500	HG-F 400 | HG-F 500 | HG-N 500 HG-N 600 | HG-N 630 KNCS 500 KNCS 630 | KNCS 800 KNCS-N 500 | KNCS-N 630 KNCS-NB 500 | KNCS-NB 630 KNCS-NB 800 | KNCS-NBX 530 KNCS-NBX 630 | KNCS-NBX 800 KNCS-NBX 1000
	F 500 S					
	F 630 | F+ 630		DURO 630 DURO-NC 630 DURO-T 630		ROTA THWB 630 | ROTA-G 630 ROTA-S 630 | ROTA-S 800 ROTA-S plus 630 ROTA-S plus 800	HG-F 630

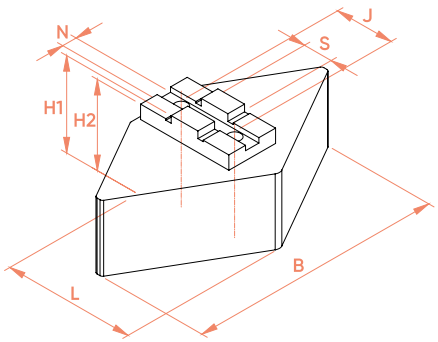
UNIJaws®

Segmentbacken weich, Kreuzversatz metrisch

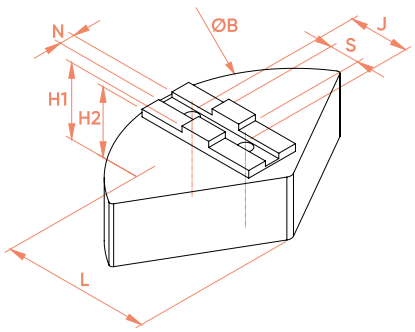
Segment jaws metric, tongue and groove

B mm	H1 mm	H2 mm	L mm	N mm	S mm	J mm	a mm	Masse pro Satz *mass pro set* kg	Ident-Nr. *ident-no.*	Backentyp *jaw type*	Werkstoff *material*	Typ *type*	Schraube *bolt*
120	60	56	60	8	18	32	—	9,0	**239001**	**CQ16**	C15	I	M8
120	64	60	62	8	18	32	—	3,8	**240007**	**HT16**	Aluminium	I	M8
Ø152	51	47	73	8	18	32	—	7,0	**239101**	**CF16**	C15	II	M8
150	64	60	89	10	20	40	—	14,0	**239002**	**CQ20**	C15	I	M8
150	64	60	75	10	20	40	—	5,9	**240001**	**HT20**	Aluminium	I	M8
Ø203	51	46	90	10	20	40	—	11,0	**239102**	**CF20**	C15	II	M8
170	64	59	102	12	20	40	—	20,0	**239003**	**CQ25**	C15	I	M12
170	64	59	102	12	20	40	—	8,4	**240002**	**HT25**	Aluminium	I	M12
Ø254	51	46	123	12	20	40	—	17,0	**239103**	**CF25**	C15	II	M12
240	76	70	132	12	26	54	—	28	**239004**	**CQ32**	C15	I	M12
240	76	70	133	12	26	54	—	10,5	**240003**	**HT32**	Aluminium	I	M12
Ø305	51	45	148	12	26	54	—	23	**239104**	**CF32**	C15	II	M12

Typ I



Typ II



Berg	Forkardt	Röhm	Samchully	Schunk	SMW-Autoblok
KHNC 160 KHNC 185	F 160 | F+ 160 FNC 175 KTNC 160 KTNCV 160 KTNCV 175	DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-NCE 175 DURO-NCES 175 DURO-T 160	QJC-206	ROTA NC-W 185 | ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185 | ROTA-G 160 ROTA-S 160 | ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160 | HG-N 160 | KNCS 160 KNCS 170 | KNCS 175 KNCS-N 170 | KNSP 160 RMG 160
KHNC 200	F 200 | F+ 200 FNC 200 KTNC 200 KTNCV 200	DURO 200 DURO-NC 200 DURO-NC 225 DURO-NCE 200 DURO-NCES 200 DURO-T 200	QJC-208	ROTA NC-W 225 | ROTA NC-WF 210 ROTA THW 210 | ROTA THW plus 215 ROTA THWB 210 | ROTA-G 200 ROTA-S 200 | ROTA-S plus 200 ROTA-S plus 2.0 200	HG-F 210 | HG-N 210 | KNCS 200 KNCS 210 | KNCS 225 KNCS-N 210 | KNCS-N 225 KNCS-NB 210 | KNCS-NB 225 KNSP 200 | RMG 200
KHNC 250 KHNC 315	F 250 | F+ 250 FNC 250 | FNC 315 KTNC 250 KTNC 265 KTNC 280 KTNC 315 KTNCV 250 KTNCV 270 KTNCV 315	DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO-NCES 250 DURO-NCES 315 DURO-T 250	QJC-210 QJC-212	ROTA NC-W 265 | ROTA NC-W 315 ROTA NC-WF 250 | ROTA NC-WF 315 ROTA THW 250 | ROTA THW 265 ROTA THW 315 | ROTA THW plus 260 ROTA THW plus 315 ROTA THWB 265 | ROTA-G 250 ROTA-G 315 | ROTA-S 250 ROTA-S plus 250 ROTA-S plus 2.0 250	HG-F 260 | HG-N 260 | HG-N 315 KNCS 250 | KNCS 260 KNCS 315 | KNCS 340 KNCS-N 260 | KNCS-N 275 KNCS-N 315 | KNCS-N 325 KNCS-N 340 | KNCS-NB 260 KNCS-NB 275 | KNCS-NB 315 KNCS-NB 325 | KNCS-NB 340 RMG 250
KHNC 400	F 315 | F+ 315 FNC 400 KTNC 360 KTNC 400 KTNCV 400	DURO 315 DURO-NC 315 DURO-NC 340 DURO-NCE 400 DURO-NCES 400 DURO-T 315	QJC-215	ROTA NC-W 400 | ROTA THW 400 ROTA THWB 315 | ROTA-G 400 ROTA-S 315 | ROTA-S plus 315 ROTA-S plus 2.0 315	HG-F 315 | HG-N 400 | KNCS 400 KNCS-N 400 | KNCS-NB 400 KNCS-NBX 425 | RMG 315

Weiche Standard-Aufsatzbacken mit Kreuzversatz für alle gängigen Backenschnellwechselfutter, Planspiralfutter.

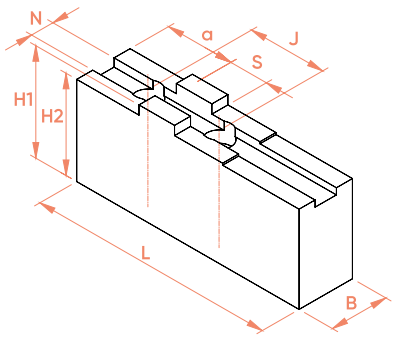
Soft standard top jaws with tongue and groove for all common quick-change chucks, scroll chucks.

UNIJaws®

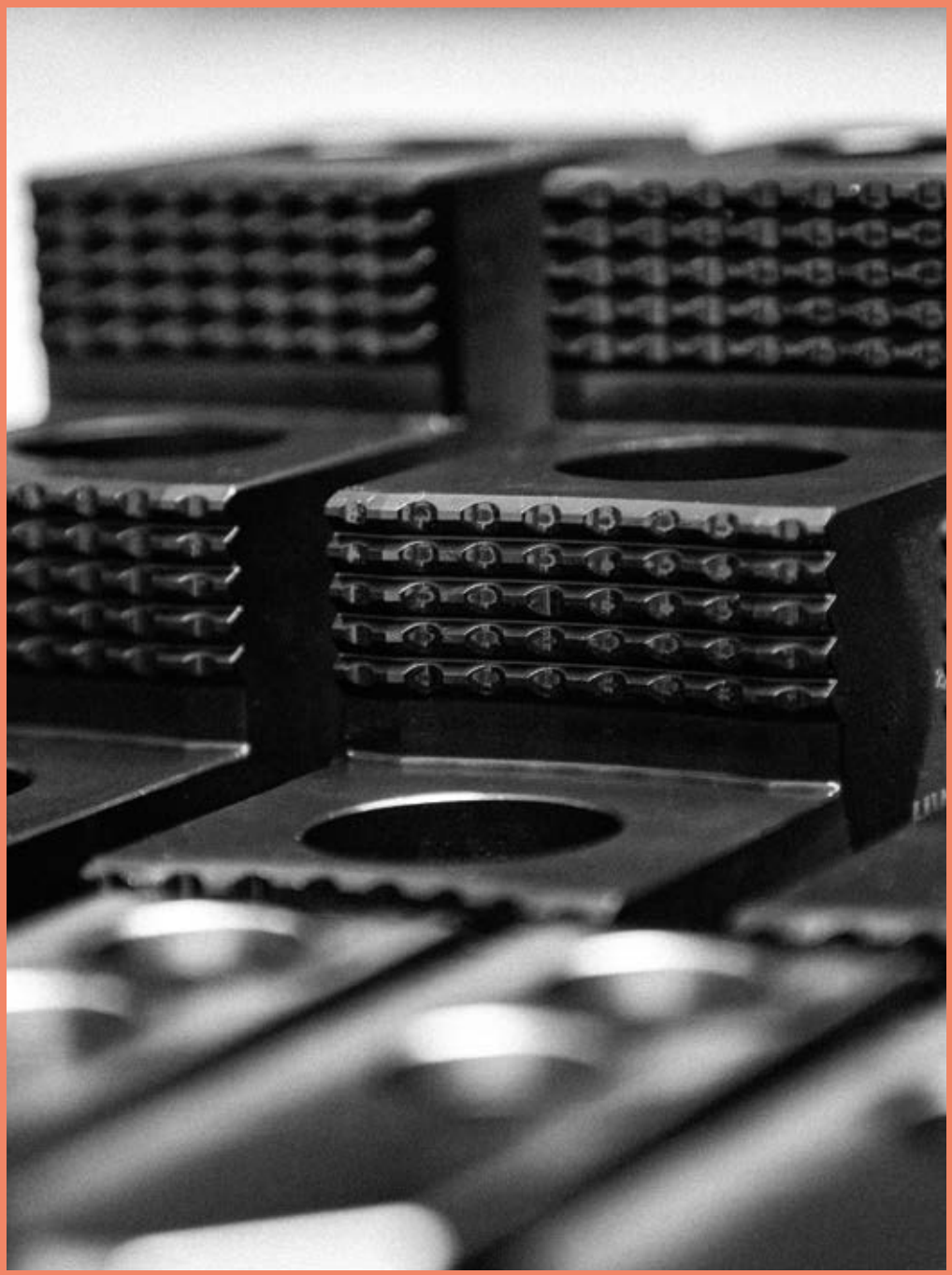
Aufsatzbacken weich, Kreuzversatz (amerik. Standard)

Soft top jaws, tongue and groove (American standard)

Typ I



B mm	H1 mm	H2 mm	L mm	N mm	S mm	J mm	a mm	Masse pro Satz *mass pro set* kg	Ident-Nr. *ident-no.*	Backentyp *jaw type*	Werkstoff *material*	Typ *type*	Schraube *bolt*	Bison (3200-3700)	Röhm
22	39	36,7	64	7,94	12,7	32	23,8	0,9	**245007**	**DM13**	C15	I	M8	Ø125	ZG 125 | ZS 125
25	40	37,7	74	7,94	12,7	38,1	23,8	1,6	**245001**	**DM16**	C15	I	M8		ZG 140 | ZS 140 ZG 160 | ZS 160
25	40	37,7	74	7,94	12,7	38,1	23,8	1,6	**245021**	**DM17**	C15	I	M10	Ø160	
30	40	36,8	87	7,94	12,7	44,5	33,3	2,2	**245002**	**DM20**	C15	I	M8		ZG 200 | ZS 200
30	40	36,8	87	7,94	12,7	44,5	33,3	2,7	**245022**	**DM21**	C15	I	M10	Ø200	
35	50	46,8	103	12,7	19	54	37,3	3,9	**245003**	**DM25**	C15	I	M12	Ø250	ZG 250 | ZS 250
40	60	56,8	120	12,7	19	63,5	44,5	6,0	**245004**	**DM32**	C15	I	M12	Ø315	ZG 315 | ZS 315
40	70	66,8	137	12,7	19	76,2	54	8,1	**245005**	**DM38**	C15	I	M16	Ø400	ZG 350 | ZG 400 ZS 350 | ZS 400
50	80	76,8	140	12,7	19	76,2	54	12,5	**245006**	**DM46**	C15	I	M20	Ø500	ZG 500 | ZG 630 ZS 500 | ZS 630
60	100	96,8	210	12,7	19	76,2	70	16	**9906083**	**DM52**	C15	I	M20		ZG 500 | ZG 630 ZG 800 | ZS 500 ZS 630 | ZS 800



Mit den harten Greiferbacken von HWR haben sie ihre Bauteile fest im Griff.

With the hard gripper jaws from HWR your workpieces are under control.

Übersicht / Overview

Harte Aufsatzbacken - Spitzverzahnung

Hard top-jaws - serration

Greiferbacken hart für Außenspannung Spitzverzahnung

adjustagrip hard jaws for external clamping, serration

zoll/inch
Seite/page 146–193

metrisch/metric
Seite/page 194–251

Greiferbacken hart für Innenspannung Spitzverzahnung

adjustagrip hard jaws for internal clamping, serration

zoll/inch
Seite/page 146–193

metrisch/metric
Seite/page 194–251

Umkehrbare Greiferbacken hart für Außen- und Innenspannung auf HWR INOFlex® Spannfuttern Spitzverzahnung

hard reversible adjustagrip jaws for external and internal clamping on HWR **INO**Flex® *chucks, serration*

metrisch/metric
Seite/page 204–206

Harte umkehrbare Aufsatzbacken Spitzverzahnung

hard reversible top-jaws serration

zoll/inch
Seite/page 252–255

metrisch/metric
Seite/page 256–261

Greiferbacken hart für Stangenspannung Spitzverzahnung

adjustagrip hard jaws for bar clamping, serration

zoll/inch
Seite/page 146–193

metrisch/metric
Seite/page 194–251

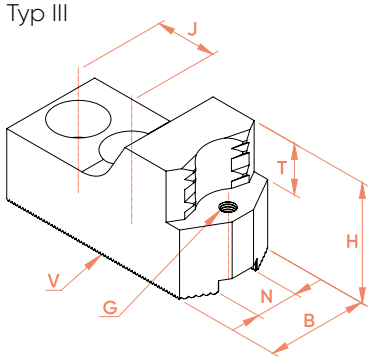
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

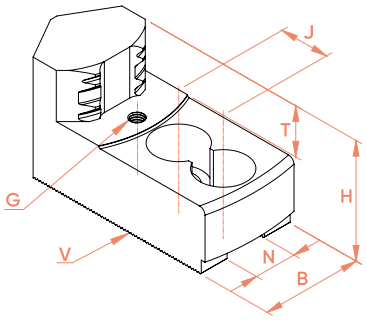
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Berg	KH 140	140	**IF01**	**233106**	III	36 – 58		180	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			IF02	**233107**		59 – 83		180	0,8							
			IF03	**233108**		83 – 105		178	0,8							
			IF04	**233109**		103 – 126		195	0,8							
			JF01	**233206**	IV		37 – 59	181	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			JF02	**233207**			61 – 83	181	0,8							
			JF03	**233208**			85 – 108	181	0,8							
			JF04	**233209**			109 – 132	215	0,8							
Berg	KH 160	160	**IF01**	**233106**	III	45 – 77		200	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			IF02	**233107**		70 – 102		200	0,8							
			IF03	**233108**		93 – 126		200	0,8							
			IF04	**233109**		113 – 146		216	0,8							
			JF01	**233206**	IV		47 – 80	203	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			JF02	**233207**			71 – 104	203	0,8							
			JF03	**233208**			95 – 128	202	0,8							
			JF04	**233209**			119 – 153	237	0,8							
Berg	KH 175	175	**IG01**	**233001**	III	41 – 60		225	1,5	1/16" x 90°	12	35	50	20	21	M6
			IG02	**233002**		58 – 79		223	1,4							
			IG03	**233003**		78 – 98		221	1,4							
			IG04	**233004**		97 – 118		221	1,4							
			IG05	**233005**		117 – 138		220	1,4							
			IG06	**233006**		136 – 158		243	1,7							
			IG07	**233007**		156 – 177		271	1,5							
			JG01	**233013**	IV		59 – 79	224	1,8	1/16" x 90°	12	35	50	20	21	M6
			JG02	**233015**			80 – 101	223	1,6							
			JG03	**233017**			100 – 121	222	1,6							
			JG04	**233019**			122 – 144	221	1,6							
			JG05	**233021**			144 – 166	244	1,6							

Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Berg	KH 200	200	**IG01**	**233001**	III	52 – 83		249	1,5	1/16" x 90°	12	35	50	20	21	M6
			IG02	**233002**		72 – 102		248	1,4							
			IG03	**233003**		91 – 122		247	1,4							
			IG04	**233004**		110 – 141		246	1,4							
			IG05	**233005**		130 – 161		246	1,4							
			IG06	**233006**		150 – 181		269	1,7							
			IG07	**233007**		170 – 201		298	1,5							
			JG01	**233013**	IV		72 – 103	250	1,8	1/16" x 90°	12	35	50	20	21	M6
			JG02	**233015**			93 – 125	249	1,6							
			JG03	**233017**			113 – 145	248	1,6							
			JG04	**233019**			136 – 168	248	1,6							
			JG05	**233021**			158 – 190	270	1,6							
Berg	KH 250	250	**IH01**	**233110**	III	53 – 83		305	4,2	1/16" x 90°	16	45	60	22	29	M6
			IH02	**233111**		83 – 110		305	2,9							
			IH03	**233112**		109 – 137		304	2,7							
			IH04	**233113**		136 – 164		302	2,8							
			IH05	**233114**		163 – 192		300	2,8							
			IP01	**233116**	IV		94 – 123	304	3,6	1/16" x 90°	16	45	60	22	29	M6
			IP02	**233119**			129 – 158	303	3,0							
			IP03	**233117**			163 – 193	302	2,4							
			IP04	**233118**			197 – 227	319	2,8							
Berg	KH 315	315	**IH01**	**233110**	III	79 – 144		372	4,2	1/16" x 90°	16	45	60	22	29	M6
			IH02	**233111**		108 – 173		374	2,9							
			IH03	**233112**		135 – 201		374	2,7							
			IH04	**233113**		162 – 229		374	2,8							
			IH05	**233114**		190 – 256		370	2,8							
			IP01	**233116**	IV		120 – 187	375	3,6	1/16" x 90°	16	45	60	22	29	M6
			IP03	**233117**			190 – 257	373	2,4							
			IP04	**233118**			224 – 292	391	2,8							

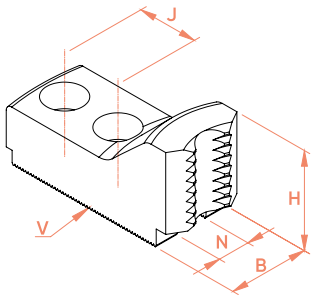
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

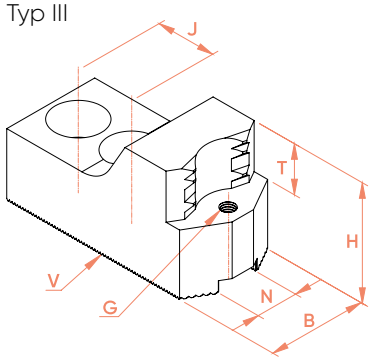
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Berg	KHL 160	160	**IF01**	**233106**	III	46 – 73		196	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			IF02	**233107**		70 – 98		196	0,8							
			IF03	**233108**		94 – 122		196	0,8							
			IF04	**233109**		114 – 142		212	0,8							
			JF01	**233206**	IV		47 – 75	198	0,8	1/16" x 90°	10	30	37	13	17,5	M6
			JF02	**233207**			71 – 99	198	0,8							
			JF03	**233208**			96 – 124	198	0,8							
			JF04	**233209**			120 – 149	233	0,8							
Berg	KHL 200	200	**IG01**	**233001**	III	55 – 78		245	1,5	1/16" x 90°	12	35	50	20	21	M6
			IG02	**233002**		74 – 97		243	1,4							
			IG03	**233003**		93 – 117		243	1,4							
			IG04	**233004**		113 – 136		241	1,4							
			IG05	**233005**		132 – 156		241	1,4							
			IG06	**233006**		152 – 176		264	1,7							
			IG07	**233007**		172 – 196		293	1,5							
			JG01	**233013**	IV		74 – 97	244	1,8	1/16" x 90°	12	35	50	20	21	M6
			JG02	**233015**			96 – 119	243	1,6							
			JG03	**233017**			116 – 139	242	1,6							
			JG04	**233019**			138 – 162	242	1,6							
			JG05	**233021**			160 – 184	265	1,6							
Berg	KHL 250	250	**IH01**	**233110**	III	56 – 75		298	4,2	1/16" x 90°	16	45	60	22	29	M6
			IH02	**233111**		85 – 104		300	2,9							
			IH03	**233112**		112 – 131		298	2,7							
			IH04	**233113**		139 – 158		296	2,8							
			IH05	**233114**		168 – 188		296	2,8							
			IP01	**233116**	IV		97 – 117	299	3,6	1/16" x 90°	16	45	60	22	29	M6
			IP02	**233119**			132 – 152	297	3,0							
			IP03	**233117**			166 – 186	296	2,4							
			IP04	**233118**			201 – 220	312	2,8							

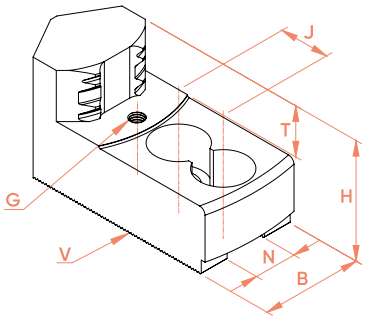
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Berg	KHL 315	315	**IH01**	**233110**	III	81 – 138		366	4,2	1/16" x 90°	16	45	60	22	29	M6
			IH02	**233111**		111 – 167		368	2,9							
			IH03	**233112**		138 – 195		368	2,7							
			IH04	**233113**		165 – 222		367	2,8							
			IH05	**233114**		195 – 252		367	2,8							
			IP01	**233116**	IV		123 – 180	368	3,6	1/16" x 90°	16	45	60	22	29	M6
			IP02	**233119**			158 – 216	367	3,0							
			IP03	**233117**			193 – 250	366	2,4							
			IP04	**233118**			227 – 285	384	2,8							
Forkardt	KG 200	200	**KJ20**	**227101**	II	30 – 76		239	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 56		242	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		42 – 84		244	2,1							
			IB08	**228009**		67 – 112		242	2,1							
			IB11	**228010**		95 – 141		240	2,0							
			IB14	**228011**		124 – 171		259	1,9							
			JB06	**230005**	IV		52 – 88	241	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			83 – 120	241	1,8							
			JB12	**230007**			105 – 151	240	1,7							
Forkardt	KG 250	250	**KJ26**	**227102**	II	22 – 61		298	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 52		302	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		40 – 86		298	3,3							
			IC08	**228014**		70 – 131		300	2,7							
			IC13	**228015**		117 – 181		297	2,4							
			IC18	**228016**		168 – 232		326	2,8							
			JC08	**230008**	IV		81 – 104	294	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			95 – 158	297	2,8							
			JC15	**230015**			144 – 209	310	2,6							

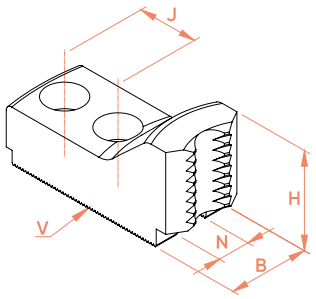
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

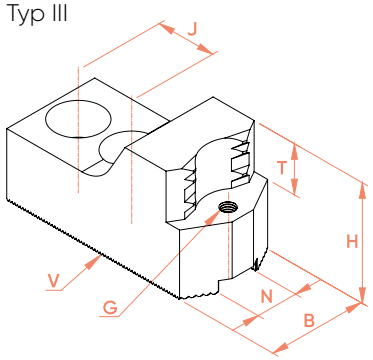
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Forkardt	KG 315	315	KJ32	227103	II	29 – 115		368	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	34 – 114		368	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		44 – 149		366	3,3							
			IC08	228014		87 – 194		368	2,7							
			IC13	228015		136 – 245		367	2,4							
			IC18	228016		187 – 297		397	2,8							
			JC08	230008	IV		81 – 168	363	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			113 – 222	367	2,8							
			JC15	230015			164 – 273	381	2,6							
Forkardt	KG 400	400	KJ40	227104	II	40 – 95		452	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	54 – 139		451	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		99 – 227		451	6,3							
			ID21	228019		182 – 313		448	4,8							
			ID30	228020		270 – 403		511	6,6							
			JD10	230011	IV		96 – 185	449	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			133 – 264	449	6,7							
			JD25	230013			210 – 343	447	4,0							
			JD33	230014			289 – 410	509	6,0							
Forkardt	KG 500	500	KJ40	227104	II	40 – 192		546	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	54 – 237		546	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		132 – 325		546	6,3							
			ID21	228019		217 – 412		545	4,8							
			ID30	228020		305 – 502		609	6,6							
			JD10	230011	IV		96 – 283	544	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			168 – 363	546	6,7							
			JD25	230013			246 – 442	544	4,0							
			JD33	230014			325 – 510	608	6,0							

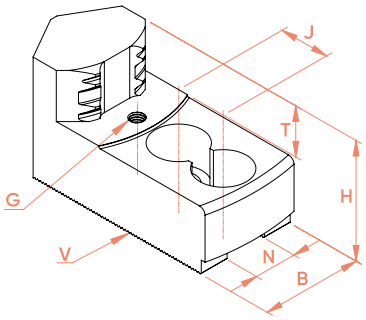
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Forkardt	KT 160	160	**KJ16**	**227100**	II	15 – 29		202	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	34 – 50		207	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		50 – 70		210	1,4							
			IA07	**228003**		70 – 92		210	1,5							
			IA09	**228004**		92 – 114		208	1,6							
			IA11	**228005**		114 – 132		210	1,5							
			JA05	**230001**	IV		55 – 68	206	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			75 – 90	206	1,6							
			JA09	**230003**			95 – 110	203	1,5							
			JA11	**230004**			117 – 132	203	1,5							
Forkardt	KT 200	200	**KJ20**	**227101**	II	19 – 42		209	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 59		244	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		53 – 86		246	2,1							
			IB08	**228009**		80 – 115		244	2,1							
			IB11	**228010**		109 – 144		243	2,0							
			IB14	**228011**		138 – 174		262	1,9							
			JB06	**230005**	IV		57 – 91	244	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			88 – 123	244	1,8							
			JB12	**230007**			119 – 154	242	1,7							
Forkardt	KT 250	250	**KJ26**	**227102**	II	22 – 63		300	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	40 – 88		300	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		80 – 133		302	2,7							
			IC13	**228015**		129 – 184		300	2,4							
			IC18	**228016**		180 – 235		328	2,8							
			JC08	**230008**	IV		81 – 106	296	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			106 – 160	299	2,8							
			JC15	**230015**			156 – 211	312	2,6							

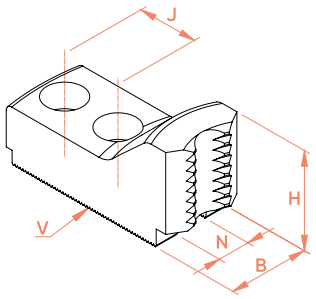
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

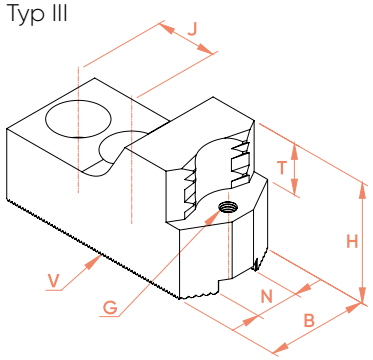
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range*		Schwing-kreis Ø *swing Ø*	m/ Satz *m/ set*	V	N	B	H	T	J	G
						Außen Ø *external Ø* min-max/mm	Innen Ø *internal Ø* min-max/mm	max./mm	kg		mm	mm	mm	mm	mm	mm
Forkardt	KT 315	315	**KJ32**	**227103**	II	29 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	40 – 150		367	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		80 – 195		369	2,7							
			IC13	**228015**		129 – 247		368	2,4							
			IC18	**228016**		180 – 298		398	2,8							
			JC08	**230008**	IV		81 – 169	364	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			106 – 223	368	2,8							
			JC15	**230015**			156 – 274	382	2,6							
Forkardt	KT 400	400	**KJ40**	**227104**	II	40 – 95		452	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	54 – 141		453	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		102 – 228		452	6,3							
			ID21	**228019**		186 – 315		450	4,8							
			ID30	**228020**		274 – 405		513	6,6							
			JD10	**230011**	IV		96 – 187	451	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			137 – 266	451	6,7							
			JD25	**230013**			214 – 345	449	4,0							
			JD33	**230014**			298 – 410	511	6,0							
Forkardt	KT 500	500	**ID06**	**228017**	III	54 – 239		548	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		102 – 327		548	6,3							
			ID21	**228019**		186 – 414		547	4,8							
			ID30	**228020**		274 – 504		611	6,6							
			JD10	**230011**	IV		96 – 285	546	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			137 – 365	548	6,7							
			JD25	**230013**			214 – 444	546	4,0							
			JD33	**230014**			293 – 510	610	6,0							
Forkardt	NH 160 NHF160	160	**KJ16**	**227100**	II	25 – 40		211	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	36 – 58		214	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		54 – 77		216	1,4							
			IA07	**228003**		76 – 99		216	1,5							
			IA09	**228004**		98 – 121		214	1,6							
			IA11	**228005**		120 – 144		221	1,5							
			JA05	**230001**	IV		56 – 79	216	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			78 – 101	216	1,6							
			JA09	**230003**			98 – 122	214	1,5							
			JA11	**230004**			120 – 144	214	1,5							

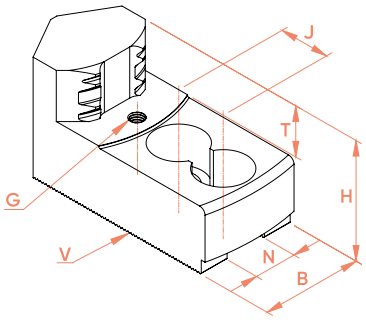
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Forkardt	NH 175 NHF 175	175	**KJ16**	**227100**	II	25 – 40		213	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	44 – 73		229	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		62 – 92		231	1,4							
			IA07	**228003**		84 – 114		231	1,5							
			IA09	**228004**		106 – 136		230	1,6							
			IA11	**228005**		128 – 159		237	1,5							
			JA05	**230001**	IV		64 – 93	230	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			86 – 116	231	1,6							
			JA09	**230003**			107 – 137	230	1,5							
			JA11	**230004**			128 – 159	229	1,5							
Forkardt	NH 200 NHF 200	200	**KJ20**	**227101**	II	19 – 55		220	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 72		256	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		55 – 99		258	2,1							
			IB08	**228009**		82 – 128		256	2,1							
			IB11	**228010**		110 – 157		255	2,0							
			IB14	**228011**		140 – 187		274	1,9							
			JB06	**230005**	IV		58 – 104	256	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			89 – 136	256	1,8							
			JB12	**230007**			120 – 167	254	1,7							
Forkardt	NH 250 NHF 250	250	**KJ26**	**227102**	II	22 – 63		300	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	40 – 88		300	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		80 – 133		302	2,7							
			IC13	**228015**		129 – 183		299	2,4							
			IC18	**228016**		179 – 234		327	2,8							
			JC08	**230008**	IV		81 – 106	296	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			106 – 160	299	2,8							
			JC15	**230015**			156 – 211	312	2,6							

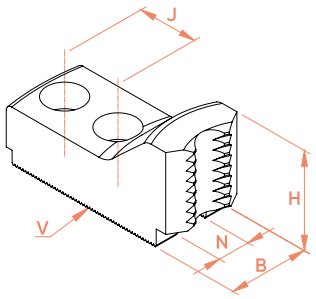
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

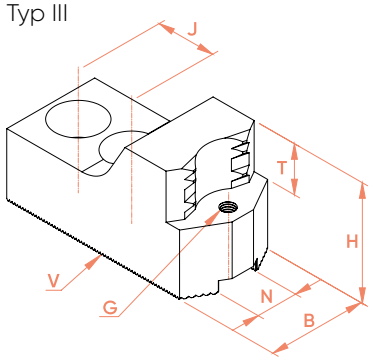
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Forkardt	NH 315 NHF 315	315	KJ32	227103	II	31 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	228013	III	34 – 122		341	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		60 – 158		375	3,3							
			IC08	228014		104 – 203		377	2,7							
			IC13	228015		154 – 254		375	2,4							
			IC18	228016		205 – 306		406	2,8							
			JC08	230008	IV		81 – 177	372	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			131 – 231	375	2,8							
			JC15	230015			181 – 282	389	2,6							
Forkardt	NH 400 NHF 400	400	KJ40	227104	II	40 – 100		457	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	54 – 143		455	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		128 – 230		454	6,3							
			ID21	228019		213 – 317		451	4,8							
			ID30	228020		301 – 406		514	6,6							
			JD10	230011	IV		96 – 189	452	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			164 – 267	452	6,7							
			JD25	230013			242 – 347	451	4,0							
			JD33	230014			321 – 410	512	6,0							
Forkardt	NH 500 NHF 500	500	ID06	228017	III	76 – 239		548	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		160 – 327		548	6,3							
			ID21	228019		246 – 414		547	4,8							
			ID30	228020		335 – 504		611	6,6							
			JD10	230011	IV		120 – 285	546	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			197 – 365	548	6,7							
			JD25	230013			275 – 444	546	4,0							
			JD33	230014			355 – 510	610	6,0							
Forkardt	NH 630 NHF 630	630	ID06	228017	III	98 – 346		658	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		184 – 453		677	6,3							
			ID21	228019		270 – 540		676	4,8							
			ID30	228020		359 – 630		740	6,6							
			JD10	230011	IV		143 – 411	674	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			221 – 490	676	6,7							
			JD25	230013			300 – 570	675	4,0							
			JD33	230014			382 – 640	742	6,0							

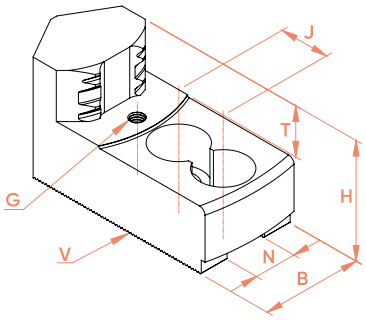
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Forkardt	QLC 160 QLK 160	160	**KJ16**	**227100**	II	18 – 55		225	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	37 – 72		226	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		55 – 91		228	1,4							
			IA07	**228003**		77 – 114		229	1,5							
			IA09	**228004**		98 – 136		228	1,6							
			IA11	**228005**		120 – 158		234	1,5							
			JA05	**230001**	IV		57 – 93	228	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			79 – 115	228	1,6							
			JA09	**230003**			99 – 137	228	1,5							
			JA11	**230004**			120 – 158	226	1,5							
Forkardt	QLC 175 QLK 175	175	**KJ16**	**227100**	II	23 – 45		218	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	41 – 63		220	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		60 – 82		222	1,4							
			IA07	**228003**		82 – 104		222	1,5							
			IA09	**228004**		103 – 127		222	1,6							
			IA11	**228005**		126 – 149		228	1,5							
			JA05	**230001**	IV		62 – 84	222	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			84 – 106	222	1,6							
			JA09	**230003**			104 – 128	221	1,5							
			JA11	**230004**			126 – 149	220	1,5							
Forkardt	QLC 200 QLK 200	200	**KJ20**	**227101**	II	33 – 89		251	2,0	1/16" x 90°	17	40	49	—	22	—
			IA03	**228001**	III	51 – 106		263	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		70 – 125		265	1,4							
			IA07	**228003**		92 – 147		265	1,5							
			IA09	**228004**		114 – 170		265	1,6							
			IA11	**228005**		137 – 193		272	1,5							
			JA05	**230001**	IV		72 – 127	265	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			94 – 149	265	1,6							
			JA09	**230003**			115 – 171	265	1,5							
			JA11	**230004**			137 – 193	265	1,5							

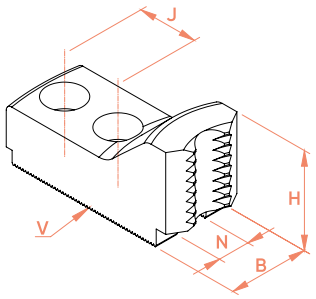
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

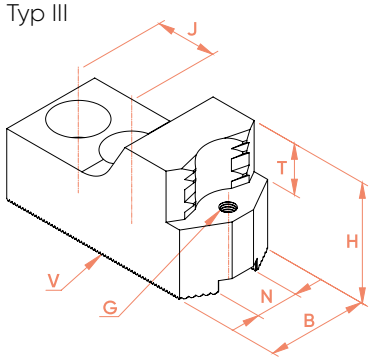
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Forkardt	QLC 250 QLK 250	250	KJ26	227102	II	28 – 76		312	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	35 – 66		314	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		51 – 101		312	3,3							
			IC08	228014		95 – 146		314	2,7							
			IC13	228015		145 – 197		312	2,4							
			IC18	228016		196 – 248		341	2,8							
			JC08	230008	IV		81 – 120	309	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			120 – 173	311	2,8							
			JC15	230015			172 – 224	325	2,6							
Forkardt	QLC 315 QLK 315	315	KJ32	227103	II	33 – 128		381	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	35 – 127		380	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		63 – 162		379	3,3							
			IC08	228014		107 – 207		381	2,7							
			IC13	228015		157 – 259		380	2,4							
			IC18	228016		209 – 310		410	2,8							
			JC08	230008	IV		81 – 181	376	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			134 – 235	379	2,8							
			JC15	230015			185 – 286	393	2,6							
Forkardt	QLC 400 QLK 400	400	KJ40	227104	II	40 – 96		453	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	55 – 140		452	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		131 – 228		452	6,3							
			ID21	228019		215 – 315		450	4,8							
			ID30	228020		304 – 404		512	6,6							
			JD10	230011	IV		97 – 187	451	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			166 – 265	450	6,7							
			JD25	230013			244 – 344	448	4,0							
			JD33	230014			343 – 410	511	6,0							
Forkardt	QLC-KS / QLK-KS 200	200	KJ16	227100	II	58 – 86		259	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	228001	III	76 – 103		261	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	228002		95 – 122		262	1,4							
			IA07	228003		117 – 144		263	1,5							
			IA09	228004		139 – 167		262	1,6							
			IA11	228005		162 – 189		269	1,5							

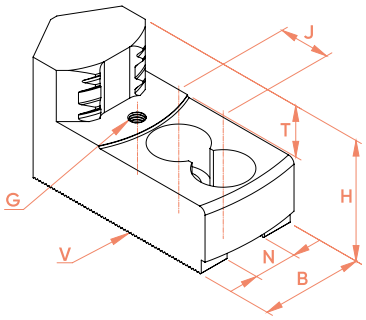
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Forkardt	QLC-KS / QLK-KS 200	200	**JA05**	**230001**	IV		97 – 124	262	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			119 – 146	263	1,6							
			JA09	**230003**			140 – 168	262	1,5							
			JA11	**230004**			162 – 189	261	1,5							
Forkardt	QLC-KS / QLK-KS 250	250	**KJ16**	**227100**	II	86 – 132		303	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	104 – 149		304	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		122 – 168		306	1,4							
			IA07	**228003**		145 – 190		306	1,5							
			IA09	**228004**		167 – 213		306	1,6							
			IA11	**228005**		190 – 236		313	1,5							
			JA05	**230001**	IV		124 – 170	306	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			147 – 192	306	1,6							
			JA09	**230003**			168 – 214	306	1,5							
			JA11	**230004**			190 – 236	306	1,5							
Forkardt	QLC-KS / QLK-KS 315	315	**KJ32**	**227103**	II	84 – 133		385	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	83 – 131		384	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		118 – 167		383	3,3							
			IC08	**228014**		163 – 212		385	2,7							
			IC13	**228015**		214 – 263		384	2,4							
			IC18	**228016**		265 – 315		414	2,8							
			JC08	**230008**	IV		136 – 186	381	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			190 – 239	383	2,8							
			JC15	**230015**			241 – 291	398	2,6							

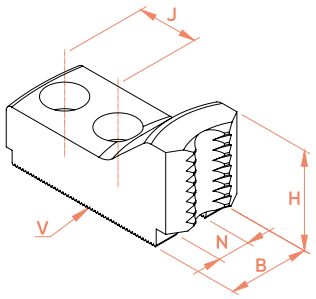
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

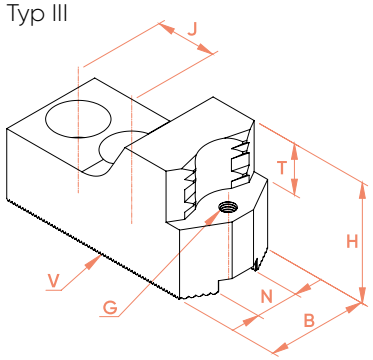
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Forkardt	QLC-KS / QLK-KS 400	400	**KJ32**	**227103**	II	115 – 212		455	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	114 – 210		454	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		149 – 246		454	3,3							
			IC08	**228014**		194 – 291		455	2,7							
			IC13	**228015**		245 – 343		455	2,4							
			IC18	**228016**		297 – 394		485	2,8							
			JC08	**230008**	IV		168 – 266	452	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			222 – 319	454	2,8							
			JC15	**230015**			273 – 370	468	2,6							
Röhm	KFD 160	160	**KJ16**	**227100**	II	14 – 40		211	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	34 – 61		217	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		48 – 80		218	1,4							
			IA07	**228003**		70 – 102		219	1,5							
			IA09	**228004**		91 – 124		217	1,6							
			IA11	**228005**		113 – 147		224	1,5							
			JA05	**230001**	IV		55 – 82	218	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			71 – 104	218	1,6							
			JA09	**230003**			92 – 125	217	1,5							
			JA11	**230004**			113 – 147	216	1,5							
Röhm	KFD 200	200	**KJ20**	**227101**	II	19 – 56		221	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 73		257	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		58 – 100		259	2,1							
			IB08	**228009**		86 – 129		257	2,1							
			IB11	**228010**		115 – 159		257	2,0							
			IB14	**228011**		144 – 188		275	1,9							
			JB06	**230005**	IV		62 – 105	257	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			93 – 137	257	1,8							
			JB12	**230007**			124 – 169	256	1,7							
Röhm	KFD 250	250	**KJ26**	**227102**	II	24 – 80		316	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	47 – 109		319	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		91 – 155		322	2,7							
			IC13	**228015**		140 – 205		319	2,4							
			IC18	**228016**		191 – 257		349	2,8							

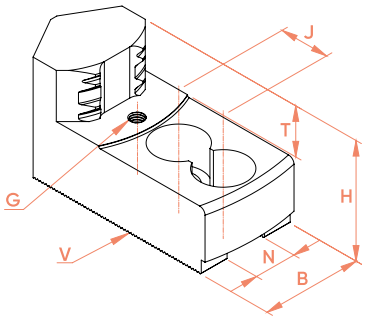
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Röhm	KFD 250	250	**JC08**	**230008**	IV		81 – 128	316	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			117 – 182	320	2,8							
			JC15	**230015**			167 – 233	333	2,6							
Röhm	KFD 315	315	**KJ32**	**227103**	II	30 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	58 – 167		383	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC13	**228015**		152 – 263		384	2,4							
			IC18	**228016**		203 – 315		414	2,8							
			JC08	**230008**	IV		81 – 186	381	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			129 – 240	384	2,8							
			JC15	**230015**			180 – 291	398	2,6							
Röhm	KFD 400	400	**KJ40**	**227104**	II	40 – 110		466	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	54 – 157		468	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		123 – 245		468	6,3							
			ID21	**228019**		208 – 332		466	4,8							
			ID30	**228020**		296 – 410		528	6,6							
			JD10	**230011**	IV		96 – 203	466	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			159 – 282	466	6,7							
			JD25	**230013**			237 – 361	464	4,0							
			JD33	**230014**			316 – 410	527	6,0							
Röhm	KFD 500	500	**ID06**	**228017**	III	54 – 259		567	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		134 – 348		569	6,3							
			ID21	**228019**		219 – 435		567	4,8							
			ID30	**228020**		308 – 510		631	6,6							
			JD10	**230011**	IV		96 – 306	566	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			170 – 385	567	6,7							
			JD25	**230013**			248 – 465	567	4,0							
			JD33	**230014**			316 – 510	625	6,0							

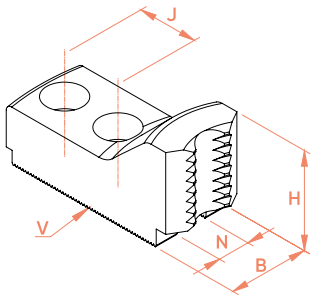
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

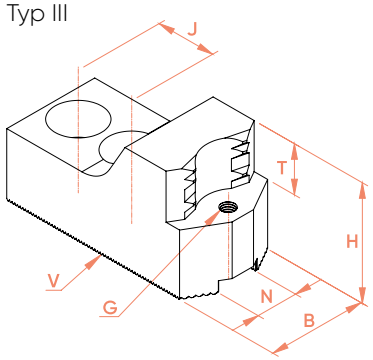
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Röhm	KFD 630	630	ID06	228017	III	71 – 387		698	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		156 – 475		699	6,3							
			ID21	228019		241 – 563		698	4,8							
			ID30	228020		330 – 610		762	6,6							
			JD10	230011	IV		115 – 433	696	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			192 – 513	698	6,7							
			JD25	230013			270 – 592	697	4,0							
			JD33	230014			350 – 610	761	6,0							
Röhm	KFD 800	800	ID06	228017	III	70 – 555		864	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		154 – 643		864	6,3							
			ID21	228019		240 – 731		864	4,8							
			ID30	228020		329 – 810		929	6,6							
			JD10	230011	IV		114 – 601	861	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			190 – 681	864	6,7							
			JD25	230013			269 – 761	864	4,0							
			JD33	230014			348 – 810	928	6,0							
Röhm	KFD-HE 170	170	KA10	228022	III	62 – 95		240	1,0	1/16" x 90°	12	32	39	20	15	M6
			KA11	228023		95 – 128		240	1,0							
			KA12	228024		123 – 156		240	1,0							
Röhm	KFD-HE 210	210	KJ20	227101	II	48 – 90		252	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 70		254	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		57 – 97		256	2,1							
			IB08	228009		84 – 126		254	2,1							
			IB11	228010		113 – 155		253	2,0							
			IB14	228011		142 – 185		272	1,9							
			JB06	230005	IV		61 – 102	254	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			92 – 134	254	1,8							
			JB12	230007			123 – 165	253	1,7							
Röhm	KFD-HE 254	254	KJ26	227102	II	27 – 67		304	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	34 – 58		307	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		50 – 92		304	3,3							
			IC08	228014		94 – 137		306	2,7							
			IC13	228015		143 – 187		303	2,4							
			IC18	228016		194 – 239		332	2,8							

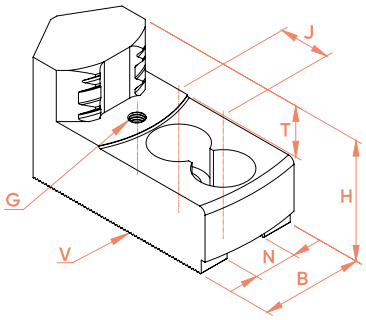
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Röhm	KFD-HE 254	254	**JC08**	**230008**	IV		81 – 110	299	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			120 – 164	303	2,8							
			JC15	**230015**			171 – 215	316	2,6							
Röhm	KFD-HE 315	315	**KJ32**	**227103**	II	61 – 117		370	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	60 – 116		370	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		93 – 151		368	3,3							
			IC08	**228014**		138 – 196		370	2,7							
			IC13	**228015**		189 – 247		368	2,4							
			IC18	**228016**		240 – 299		399	2,8							
			JC08	**230008**	IV		112 – 170	365	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			166 – 224	369	2,8							
			JC15	**230015**			217 – 275	382	2,6							
Röhm	KFD-HE 400	400	**ID06**	**228017**	III	61 – 137		449	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		143 – 225		449	6,3							
			ID21	**228019**		228 – 311		446	4,8							
			ID30	**228020**		317 – 401		509	6,6							
			JD10	**230011**	IV		103 – 183	447	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			179 – 262	447	6,7							
			JD25	**230013**			258 – 341	445	4,0							
			JD33	**230014**			337 – 410	507	6,0							
Röhm	KFD-HS 160	160	**KA10**	**228022**	III	29 – 78		209	1,0	1/16" x 90°	12	32	39	20	15	M6
			KA11	**228023**		60 – 111		208	1,0							
			KA12	**228024**		88 – 139		208	1,0							
Röhm	KFD-HS 175	175	**KA10**	**228022**	III	38 – 93		223	1,0	1/16" x 90°	12	32	39	20	15	M6
			KA11	**228023**		70 – 126		222	1,0							
			KA12	**228024**		98 – 154		222	1,0							

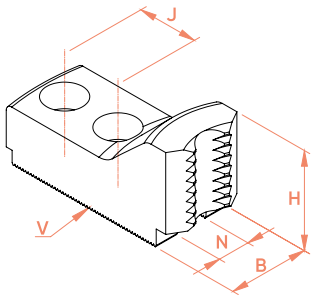
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

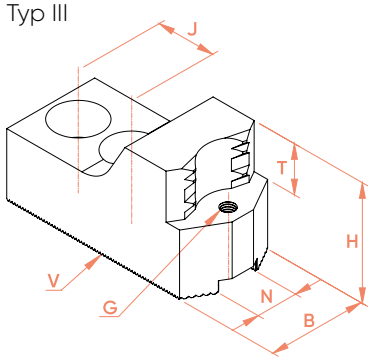
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Röhm	KFD-HS 200	200	**KJ16**	**227100**	II	25 – 71		245	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	43 – 88		247	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		62 – 107		248	1,4							
			IA09	**228004**		106 – 152		248	1,6							
			IA11	**228005**		128 – 174		255	1,5							
			JA05	**230001**	IV		64 – 109	248	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			86 – 131	249	1,6							
			JA09	**230003**			106 – 153	248	1,5							
			JA11	**230004**			128 – 174	247	1,5							
Röhm	KFD-HF 250	250	**KJ20**	**227101**	II	21 – 94		256	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	38 – 111		292	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		64 – 138		294	2,1							
			IB11	**228010**		121 – 197		293	2,0							
			IB14	**228011**		150 – 227		312	1,9							
			JB06	**230005**	IV		68 – 143	292	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			100 – 175	293	1,8							
			JB12	**230007**			131 – 207	292	1,7							
Röhm	KFD-HS 315	315	**KJ32**	**227103**	II	30 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	40 – 156		373	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		83 – 201		375	2,7							
			IC18	**228016**		182 – 304		404	2,8							
			JC08	**230008**	IV		81 – 175	370	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			109 – 229	373	2,8							
			JC15	**230015**			159 – 280	387	2,6							
Röhm	KFD-HS 400	400	**KJ40**	**227104**	II	40 – 110		466	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	56 – 142		454	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		137 – 230		454	6,3							
			ID21	**228019**		222 – 317		451	4,8							
			ID30	**228020**		311 – 406		514	6,6							
			JD10	**230011**	IV		97 – 188	452	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			173 – 267	452	6,7							
			JD25	**230013**			251 – 346	450	4,0							
			JD33	**230014**			330 – 410	510	6,0							

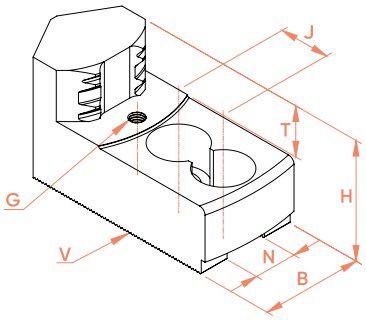
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range*		**Schwing-kreis Ø** *swing Ø*	**m/ Satz** *m/ set*	**V**	**N**	**B**	**H**	**T**	**J**	**G**
						Außen Ø *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	max./mm	kg		mm	mm	mm	mm	mm	mm
Schunk	ROTA NC 165	165	**KJ16**	**227100**	II	18 – 47		218	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	36 – 64		219	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		55 – 83		221	1,4							
			IA07	**228003**		76 – 106		222	1,5							
			IA09	**228004**		98 – 128		221	1,6							
			IA11	**228005**		120 – 150		227	1,5							
Schunk	ROTA NC 165	165	**JA05**	**230001**	IV		57 – 85	221	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			78 – 107	221	1,6							
			JA09	**230003**			99 – 129	221	1,5							
			JA11	**230004**			120 – 150	219	1,5							
Schunk	ROTA NC 210	210	**KJ20**	**227101**	II	27 – 64		228	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	35 – 69		265	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		44 – 81		264	2,3							
			IB05	**228008**		71 – 108		266	2,1							
			IB08	**228009**		99 – 137		265	2,1							
			IB11	**228010**		128 – 166		263	2,0							
			IB14	**228011**		158 – 196		283	1,9							
			JB06	**230005**	IV		75 – 113	264	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			107 – 145	264	1,8							
			JB12	**230007**			138 – 176	263	1,7							
Schunk	ROTA NC 250	254	**KJ26**	**227102**	II	26 – 85		320	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	35 – 75		322	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		49 – 110		320	3,3							
			IC08	**228014**		93 – 155		322	2,7							
			IC13	**228015**		142 – 206		320	2,4							
			IC18	**228016**		193 – 257		349	2,8							
			JC08	**230008**	IV		81 – 128	316	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			119 – 182	320	2,8							
			JC15	**230015**			169 – 233	333	2,6							

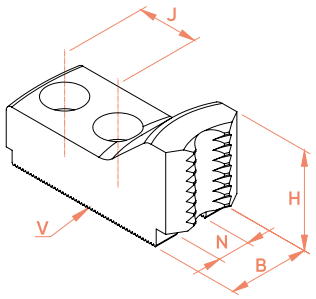
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

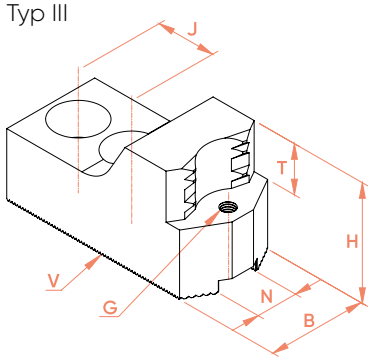
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NC 315	315	KJ32	227103	II	41 – 137		389	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	41 – 135		388	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		72 – 170		386	3,3							
			IC08	228014		117 – 215		388	2,7							
			IC13	228015		167 – 267		388	2,4							
			IC18	228016		218 – 318		417	2,8							
			JC08	230008	IV		90 – 190	384	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			144 – 243	387	2,8							
			JC15	230015			195 – 295	402	2,6							
Schunk	ROTA NC 400	400	KJ40	227104	II	41 – 117		473	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	60 – 162		473	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		143 – 249		472	6,3							
			ID21	228019		228 – 336		470	4,8							
			ID30	228020		317 – 410		533	6,6							
			JD10	230011	IV		103 – 208	470	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			179 – 287	471	6,7							
			JD25	230013			257 – 366	469	4,0							
			JD33	230014			336 – 410	531	6,0							
Schunk	ROTA NC 500	500	ID06	228017	III	111 – 259		567	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		198 – 347		568	6,3							
			ID21	228019		284 – 435		567	4,8							
			ID30	228020		373 – 510		630	6,6							
			JD10	230011	IV		157 – 306	566	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			234 – 385	567	6,7							
			JD25	230013			313 – 464	566	4,0							
			JD33	230014			393 – 510	629	6,0							
Schunk	ROTA NC 630	630	ID06	228017	III	139 – 378		689	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		226 – 466		690	6,3							
			ID21	228019		313 – 554		689	4,8							
			ID30	228020		402 – 640		753	6,6							
			JD10	230011	IV		185 – 424	687	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			263 – 504	689	6,7							
			JD25	230013			343 – 583	688	4,0							
			JD33	230014			422 – 640	752	6,0							

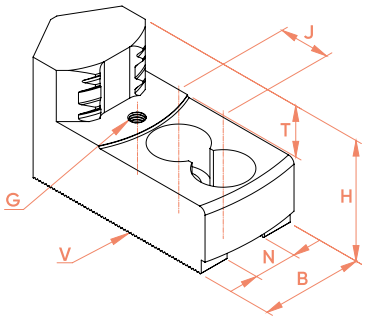
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Schunk	ROTA NC 800	800	**ID06**	**228017**	III	181 – 496		805	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		269 – 584		806	6,3							
			ID21	**228019**		356 – 672		806	4,8							
			ID30	**228020**		445 – 762		871	6,6							
			JD10	**230011**	IV		227 – 542	803	8,6							
			JD17	**230012**			306 – 622	805	6,7							
			JD25	**230013**			385 – 702	805	4,0							
			JD33	**230014**			465 – 782	870	6,0							
Schunk	ROTA NC plus (2) 215	215	**KJ20**	**227101**	II	69 – 104		266	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	39 – 72		267	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		50 – 83		266	2,3							
			IB05	**228008**		77 – 110		268	2,1							
			IB08	**228009**		105 – 140		267	2,1							
			IB11	**228010**		134 – 169		266	2,0							
			IB14	**228011**		164 – 199		286	1,9							
			JB06	**230005**	IV		81 – 115	266	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			113 – 147	266	1,8							
			JB12	**230007**			144 – 179	266	1,7							
Schunk	ROTA NC plus (2) 260	260	**KJ26**	**227102**	II	40 – 81		316	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	35 – 72		320	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		64 – 106		316	3,3							
			IC08	**228014**		109 – 151		318	2,7							
			IC13	**228015**		159 – 202		316	2,4							
			IC18	**228016**		210 – 253		345	2,8							
			JC08	**230008**	IV		82 – 124	312	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			136 – 178	316	2,8							
			JC15	**230015**			186 – 230	330	2,6							

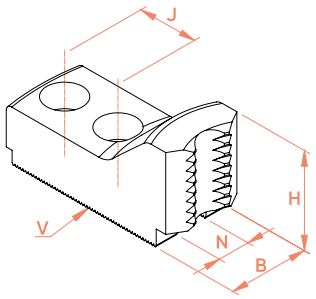
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

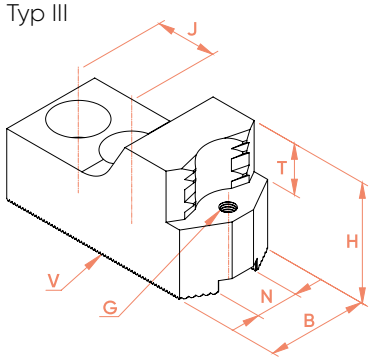
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NC plus (2) 315	315	KJ32	227103	II	52 – 125		378	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	228013	III	84 – 159		376	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	228014		129 – 204		378	2,7							
			IC13	228015		180 – 256		377	2,4							
			IC18	228016		231 – 307		407	2,8							
			JC08	230008	IV		102 – 178	373	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			156 – 232	376	2,8							
			JC15	230015			207 – 283	390	2,6							
Schunk	ROTA NCD 160	160	KA10	228022	III	33 – 65		197	1,0	1/16" x 90°	12	32	39	20	15	M6
			KA11	228023		64 – 98		196	1,0							
			KA12	228024		93 – 126		196	1,0							
Schunk	ROTA NCD 165	165	KA10	228022	III	39 – 66		198	1,0	1/16" x 90°	12	32	39	20	15	M6
			KA11	228023		71 – 99		197	1,0							
			KA12	228024		100 – 127		197	1,0							
Schunk	ROTA NCD 185	185	KJ20	227101	II	27 – 72		232	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 53		235	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		40 – 80		237	2,1							
			IB08	228009		63 – 108		234	2,1							
			IB11	228010		91 – 138		233	2,0							
			IB14	228011		120 – 167		252	1,9							
			JB06	230005	IV		52 – 84	234	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			83 – 116	234	1,8							
			JB12	230007			101 – 147	232	1,7							
Schunk	ROTA NCD 210	210	KJ20	227101	II	43 – 101		263	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 81		264	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		52 – 108		266	2,1							
			IB08	228009		79 – 137		265	2,1							
			IB11	228010		108 – 167		264	2,0							
			IB14	228011		137 – 196		283	1,9							
			JB06	230005	IV		56 – 113	264	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			87 – 145	264	1,8							
			JB12	230007			117 – 177	264	1,7							

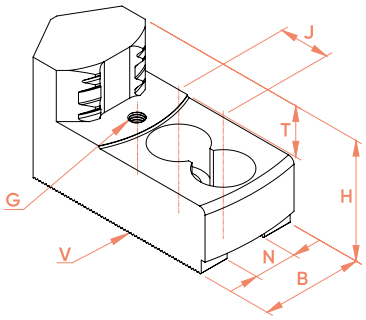
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Schunk	ROTA NCD 215	215	**KJ20**	**227101**	II	43 – 95		257	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 75		259	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		52 – 102		261	2,1							
			IB08	**228009**		79 – 131		259	2,1							
			IB11	**228010**		108 – 161		259	2,0							
			IB14	**228011**		137 – 190		277	1,9							
			JB06	**230005**	IV		56 – 107	259	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			87 – 139	259	1,8							
			JB12	**230007**			117 – 170	257	1,7							
Schunk	ROTA NCD 250	254	**KJ26**	**227102**	II	22 – 71		307	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 63		312	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		43 – 96		307	3,3							
			IC08	**228014**		86 – 142		310	2,7							
			IC13	**228015**		135 – 192		307	2,4							
			IC18	**228016**		185 – 244		337	2,8							
			JC08	**230008**	IV		81 – 115	304	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			112 – 169	308	2,8							
			JC15	**230015**			162 – 220	321	2,6							
Schunk	ROTA NCD 255	255	**KJ26**	**227102**	II	22 – 75		311	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 66		314	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		44 – 100		311	3,3							
			IC08	**228014**		87 – 145		313	2,7							
			IC13	**228015**		136 – 196		311	2,4							
			IC18	**228016**		186 – 248		341	2,8							
			JC08	**230008**	IV		81 – 119	308	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			113 – 173	311	2,8							
			JC15	**230015**			163 – 224	325	2,6							

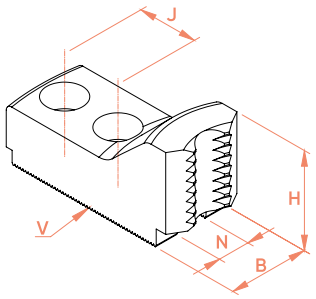
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

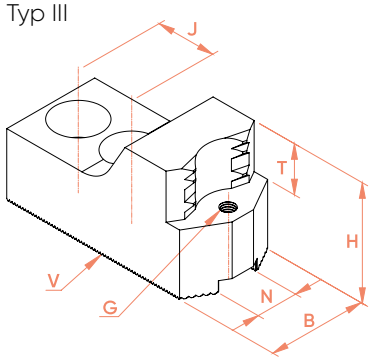
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCD 315	315	KJ32	227103	II	41 – 126		379	3,0	1/16" x 90°	21	50	49	—	25	—
			IC05	228013	III	72 – 159		376	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	228014		117 – 204		378	2,7							
			IC13	228015		167 – 256		377	2,4							
			IC18	228016		218 – 307		407	2,8							
			JC08	230008	IV		89 – 178	373	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			144 – 232	376	2,8							
			JC15	230015			194 – 283	390	2,6							
Schunk	ROTA NCD 400	400	KJ40	227104	II	40 – 100		457	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	54 – 145		457	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		130 – 232		455	6,3							
			ID21	228019		214 – 319		453	4,8							
			ID30	228020		303 – 408		516	6,6							
			JD10	230011	IV		96 – 191	454	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			165 – 269	454	6,7							
			JD25	230013			244 – 348	452	4,0							
			JD33	230014			323 – 410	514	6,0							
Schunk	ROTA NCD 500	500	ID06	228017	III	54 – 243		552	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		130 – 331		552	6,3							
			ID21	228019		214 – 418		551	4,8							
			ID30	228020		303 – 508		615	6,6							
			JD10	230011	IV		96 – 289	550	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			165 – 368	551	6,7							
			JD25	230013			244 – 448	550	4,0							
			JD33	230014			323 – 510	613	6,0							
Schunk	ROTA NCD 630	630	ID06	228017	III	54 – 372		683	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		130 – 460		684	6,3							
			ID21	228019		214 – 548		683	4,8							
			ID30	228020		303 – 637		747	6,6							
			JD10	230011	IV		96 – 418	681	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			165 – 498	683	6,7							
			JD25	230013			244 – 577	682	4,0							
			JD33	230014			323 – 640	746	6,0							

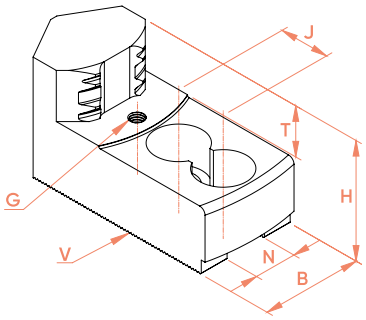
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Schunk	ROTA NCF 165	165	**KJ16**	**227100**	II	18 – 47		218	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	36 – 64		219	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		55 – 83		221	1,4							
			IA07	**228003**		76 – 106		222	1,5							
			IA09	**228004**		98 – 128		221	1,6							
			IA11	**228005**		120 – 150		227	1,5							
			JA05	**230001**	IV		57 – 85	221	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			78 – 107	221	1,6							
			JA09	**230003**			99 – 129	221	1,5							
			JA11	**230004**			120 – 150	219	1,5							
Schunk	ROTA NCF 210	210	**KJ20**	**227101**	II	27 – 64		228	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	35 – 69		265	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		44 – 81		264	2,3							
			IB05	**228008**		71 – 108		266	2,1							
			IB08	**228009**		99 – 137		265	2,1							
			IB11	**228010**		128 – 166		263	2,0							
			IB14	**228011**		158 – 196		283	1,9							
			JB06	**230005**	IV		75 – 113	264	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			107 – 145	264	1,8							
			JB12	**230007**			138 – 176	263	1,7							
Schunk	ROTA NCF 250	254	**KJ26**	**227102**	II	26 – 85		320	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	35 – 75		322	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		49 – 110		320	3,3							
			IC08	**228014**		93 – 155		322	2,7							
			IC13	**228015**		142 – 206		320	2,4							
			IC18	**228016**		193 – 257		349	2,8							
			JC08	**230008**	IV		81 – 128	316	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			119 – 182	320	2,8							
			JC15	**230015**			169 – 233	333	2,6							

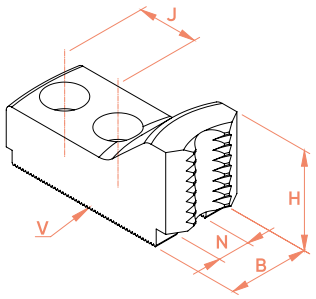
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

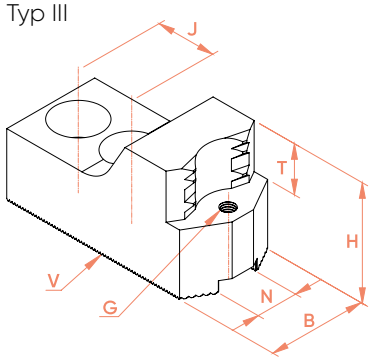
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCF 315	315	KJ32	227103	II	41 – 137		389	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	41 – 135		388	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		72 – 170		386	3,3							
			IC08	228014		117 – 215		388	2,7							
			IC13	228015		167 – 267		388	2,4							
			IC18	228016		218 – 318		417	2,8							
			JC08	230008	IV		90 – 190	384	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			144 – 243	387	2,8							
			JC15	230015			195 – 295	402	2,6							
Schunk	ROTA NCF 400	400	KJ40	227104	II	41 – 117		473	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	60 – 162		473	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		143 – 249		472	6,3							
			ID21	228019		228 – 336		470	4,8							
			ID30	228020		317 – 410		533	6,6							
			JD10	230011	IV		103 – 208	470	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			179 – 287	471	6,7							
			JD25	230013			257 – 366	469	4,0							
			JD33	230014			336 – 410	531	6,0							
Schunk	ROTA NCF 500	500	ID06	228017	III	111 – 259		567	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		198 – 347		568	6,3							
			ID21	228019		284 – 435		567	4,8							
			ID30	228020		373 – 510		630	6,6							
			JD10	230011	IV		157 – 306	566	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			234 – 385	567	6,7							
			JD25	230013			313 – 464	566	4,0							
			JD33	230014			393 – 510	629	6,0							
Schunk	ROTA NCF plus (2) 215	215	KJ20	227101	II	69 – 104		266	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	228006	III	39 – 72		267	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	228007		50 – 83		266	2,3							
			IB05	228008		77 – 110		268	2,1							
			IB08	228009		105 – 140		267	2,1							
			IB11	228010		134 – 169		266	2,0							
			IB14	228011		164 – 199		286	1,9							

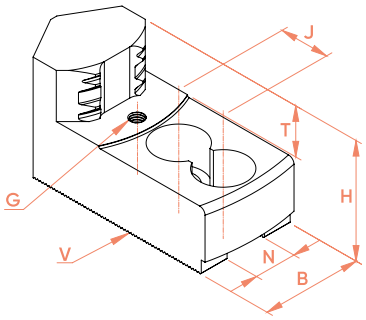
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Schunk	ROTA NCF plus (2) 215	215	**JB06**	**230005**	IV		81 – 115	266	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			113 – 147	266	1,8							
			JB12	**230007**			144 – 179	266	1,7							
Schunk	ROTA NCF plus (2) 260	260	**KJ26**	**227102**	II	40 – 81		316	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	35 – 72		320	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		64 – 106		316	3,3							
			IC08	**228014**		109 – 151		318	2,7							
			IC13	**228015**		159 – 202		316	2,4							
			IC18	**228016**		210 – 253		345	2,8							
			JC08	**230008**	IV		82 – 124	312	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			136 – 178	316	2,8							
			JC15	**230015**			186 – 230	330	2,6							
Schunk	ROTA NCF plus (2) 315	315	**KJ32**	**227103**	II	52 – 125		378	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	51 – 124		377	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		84 – 159		376	3,3							
			IC08	**228014**		129 – 204		378	2,7							
			IC13	**228015**		180 – 256		377	2,4							
			IC18	**228016**		231 – 307		407	2,8							
			JC08	**230008**	IV		102 – 178	373	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			156 – 232	376	2,8							
			JC15	**230015**			207 – 283	390	2,6							
Schunk	ROTA NCK plus 165	169	**IW03**	**228051**	III	25 – 49		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		47 – 74		203	1,2							
			IW09	**228053**		72 – 104		186	1,1							
			IW12	**228054**		100 – 133		201	1,4							
			IW15	**228055**		133 – 167		224	1,1							
			JW06	**230051**	IV		50 – 67	210	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			67 – 96	205	1,4							
			JW11	**230053**			96 – 129	207	1,4							
			JW14	**230054**			125 – 159	234	1,6							

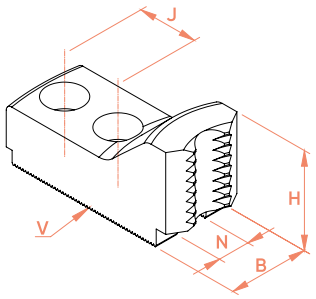
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

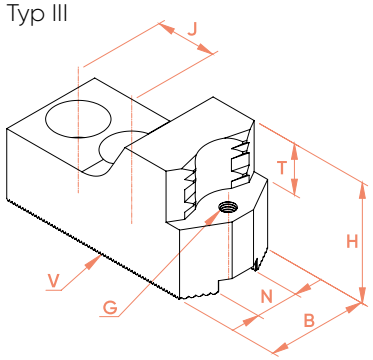
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCK plus 210	210	KJ20	227101	II	47 – 98		260	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 78		262	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		56 – 105		264	2,1							
			IB08	228009		83 – 134		262	2,1							
			IB11	228010		112 – 164		261	2,0							
			IB14	228011		141 – 193		280	1,9							
			JB06	230005	IV		60 – 110	261	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			91 – 142	262	1,8							
			JB12	230007			122 – 174	261	1,7							
Schunk	ROTA NCK plus 250	254	KJ20	227101	II	71 – 141		301	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	228006	III	41 – 108		301	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	228007		52 – 120		301	2,3							
			IB05	228008		79 – 147		303	2,1							
			IB08	228009		108 – 176		301	2,1							
			IB11	228010		137 – 206		301	2,0							
			IB14	228011		166 – 236		321	1,9							
			JB06	230005	IV		84 – 152	301	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			115 – 184	301	1,8							
			JB12	230007			147 – 216	301	1,7							
Schunk	ROTA NCK plus 315	304	KJ32	227103	II	43 – 115		368	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	42 – 114		368	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		74 – 149		366	3,3							
			IC08	228014		119 – 194		368	2,7							
			IC13	228015		169 – 245		367	2,4							
			IC18	228016		220 – 297		397	2,8							
			JC08	230008	IV		92 – 168	363	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			146 – 222	367	2,8							
			JC15	230015			197 – 273	381	2,6							
Schunk	ROTA NCO 165	165	KJ20	227101	II	43 – 59		218	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 40		222	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		53 – 67		224	2,1							
			IB08	228009		80 – 95		221	2,1							
			IB11	228010		108 – 124		219	2,0							
			IB14	228011		137 – 154		238	1,9							

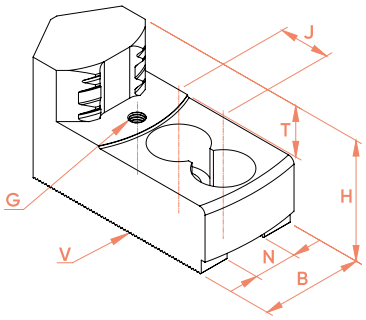
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Schunk	ROTA NCO 165	165	**JB06**	**230005**	IV		56 – 71	220	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			87 – 103	220	1,8							
			JB12	**230007**			118 – 134	218	1,7							
Schunk	ROTA NCO 210	210	**KJ20**	**227101**	II	59 – 103		265	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	40 – 82		265	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		67 – 109		267	2,1							
			IB08	**228009**		95 – 139		267	2,1							
			IB11	**228010**		124 – 168		265	2,0							
			IB14	**228011**		153 – 198		285	1,9							
			JB06	**230005**	IV		71 – 114	265	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			103 – 147	266	1,8							
			JB12	**230007**			134 – 178	265	1,7							
Schunk	ROTA NCO 260	260	**KJ26**	**227102**	II	34 – 85		320	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	58 – 110		320	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		103 – 155		322	2,7							
			IC13	**228015**		153 – 206		320	2,4							
			IC18	**228016**		204 – 258		350	2,8							
			JC08	**230008**	IV		81 – 129	317	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			130 – 183	321	2,8							
			JC15	**230015**			180 – 234	334	2,6							
Schunk	ROTA NCO 315	315	**KJ32**	**227103**	II	37 – 129		382	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	37 – 127		380	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		112 – 208		381	2,7							
			IC13	**228015**		162 – 259		380	2,4							
			IC18	**228016**		213 – 311		410	2,8							
			JC08	**230008**	IV		85 – 182	377	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			139 – 236	380	2,8							
			JC15	**230015**			190 – 287	394	2,6							

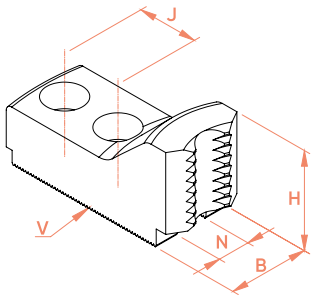
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

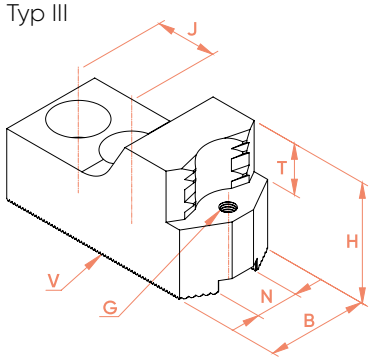
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCO 400	400	KJ40	227104	II	40 – 114		470	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	54 – 158		469	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		120 – 246		469	6,3							
			ID21	228019		205 – 333		467	4,8							
			ID30	228020		293 – 410		529	6,6							
			JD10	230011	IV		96 – 204	467	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			156 – 283	467	6,7							
			JD25	230013			234 – 362	465	4,0							
			JD33	230014			313 – 410	528	6,0							
Schunk	ROTA NCO 500	500	ID06	228017	III	54 – 254		563	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		120 – 343		564	6,3							
			ID21	228019		205 – 430		562	4,8							
			ID30	228020		293 – 510		627	6,6							
			JD10	230011	IV		96 – 301	561	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			156 – 380	562	6,7							
			JD25	230013			234 – 460	562	4,0							
			JD33	230014			313 – 510	624	6,0							
Schunk	ROTA NCO 630	630	ID06	228017	III	54 – 383		694	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		116 – 471		695	6,3							
			ID21	228019		200 – 559		694	4,8							
			ID30	228020		289 – 640		759	6,6							
			JD10	230011	IV		96 – 429	692	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			151 – 509	694	6,7							
			JD25	230013			229 – 589	694	4,0							
			JD33	230014			308 – 640	758	6,0							
Schunk	ROTA NCO 800	800	ID06	228017	III	133 – 544		853	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		221 – 632		853	6,3							
			ID21	228019		307 – 720		853	4,8							
			ID30	228020		397 – 810		918	6,6							
			JD10	230011	IV		179 – 590	850	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			258 – 670	853	6,7							
			JD25	230013			337 – 750	853	4,0							
			JD33	230014			416 – 810	917	6,0							

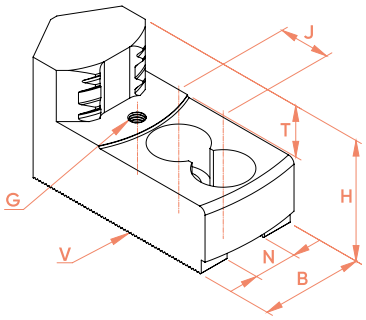
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	AL-D 165	165	**IW03**	**228051**	III	25 – 49		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		47 – 74		203	1,2							
			IW09	**228053**		72 – 104		186	1,1							
			IW12	**228054**		100 – 133		201	1,4							
			IW15	**228055**		133 – 167		224	1,1							
			JW06	**230051**	IV		50 – 67	210	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			67 – 96	205	1,4							
			JW11	**230053**			96 – 129	207	1,4							
			JW14	**230054**			125 – 159	234	1,6							
SMW-Autoblok	AL-D 210	210	**IB04**	**228007**	III	41 – 72		256	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		68 – 100		259	2,1							
			IB08	**228009**		96 – 129		257	2,1							
			IB11	**228010**		125 – 158		256	2,0							
			IB14	**228011**		154 – 188		275	1,9							
			JB06	**230005**	IV		72 – 104	256	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			103 – 136	256	1,8							
			JB12	**230007**			134 – 168	255	1,7							
SMW-Autoblok	AL-D 250	254	**IC05**	**228013**	III	55 – 90		302	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		99 – 135		304	2,7							
			IC13	**228015**		148 – 186		302	2,4							
			IC18	**228016**		199 – 237		330	2,8							
			JC08	**230008**	IV		81 – 108	297	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			125 – 162	301	2,8							
			JC15	**230015**			176 – 213	314	2,6							
SMW-Autoblok	AL-D 315	315	**IC04**	**228012**	III	69 – 148		400	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		114 – 193		367	2,7							
			IC13	**228015**		164 – 245		367	2,4							
			IC18	**228016**		215 – 296		396	2,8							
			JC08	**230008**	IV		87 – 167	362	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			141 – 221	366	2,8							
			JC15	**230015**			191 – 272	380	2,6							

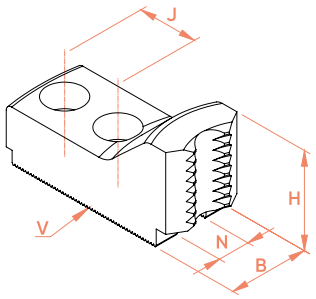
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

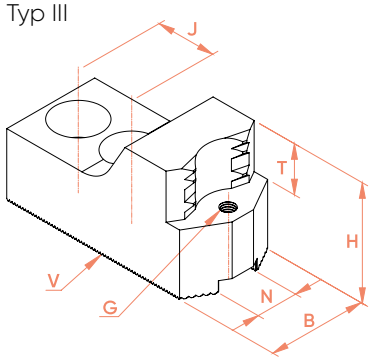
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	AL-D 400	390	ID06	228017	III	66 – 142		450	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		150 – 229		449	6,3							
			ID21	228019		235 – 316		447	4,8							
			ID30	228020		324 – 400		510	6,6							
			JD10	230011	IV		110 – 188	448	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			186 – 266	447	6,7							
			JD25	230013			265 – 346	446	4,0							
			JD33	230014			344 – 400	508	6,0							
SMW-Autoblok	AN-D 165	165	IW03	228051	III	25 – 49		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	228052		47 – 74		203	1,2							
			IW09	228053		72 – 104		186	1,1							
			IW12	228054		100 – 133		201	1,4							
			IW15	228055		133 – 167		224	1,1							
			JW06	230051	IV		50 – 67	210	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	230052			67 – 96	205	1,4							
			JW11	230053			96 – 129	207	1,4							
			JW14	230054			125 – 159	234	1,6							
SMW-Autoblok	AN-D 210	210	IB04	228007	III	37 – 69		253	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		64 – 96		255	2,1							
			IB08	228009		92 – 125		254	2,1							
			IB11	228010		121 – 154		252	2,0							
			IB14	228011		150 – 184		271	1,9							
			JB06	230005	IV		68 – 101	253	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			100 – 133	253	1,8							
			JB12	230007			131 – 164	252	1,7							

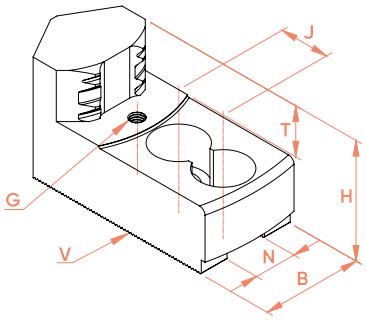
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	AN-D 250	254	**IC04**	**228012**	III	34 – 52		302	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		50 – 85		297	3,3							
			IC08	**228014**		94 – 130		299	2,7							
			IC13	**228015**		144 – 181		297	2,4							
			IC18	**228016**		194 – 232		326	2,8							
			JC08	**230008**	IV		81 – 103	293	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			121 – 157	297	2,8							
			JC15	**230015**			171 – 208	310	2,6							
SMW-Autoblok	AN-D 315	315	**IC04**	**228012**	III	34 – 107		361	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		108 – 187		362	2,7							
			IC13	**228015**		158 – 238		360	2,4							
			IC18	**228016**		209 – 290		390	2,8							
			JC08	**230008**	IV		81 – 161	357	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			135 – 215	360	2,8							
			JC15	**230015**			185 – 266	374	2,6							
SMW-Autoblok	AN-D 400	390	**ID06**	**228017**	III	61 – 136		444	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		103 – 181		446	8,5							
			ID13	**228018**		144 – 224		444	6,3							
			ID18	**228031**		187 – 267		442	5,5							
			ID21	**228019**		229 – 310		441	4,8							
			ID30	**228020**		318 – 400		504	6,6							
			JD10	**230011**	IV		104 – 182	442	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			180 – 261	442	6,7							
			JD25	**230013**			259 – 340	440	4,0							
			JD33	**230014**			338 – 400	502	6,0							
SMW-Autoblok	BB-D 175	175	**IW03**	**228051**	III	25 – 47		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		47 – 72		203	1,2							
			IW09	**228053**		72 – 102		187	1,1							
			IW12	**228054**		100 – 131		201	1,4							
			IW15	**228055**		133 – 165		224	1,1							

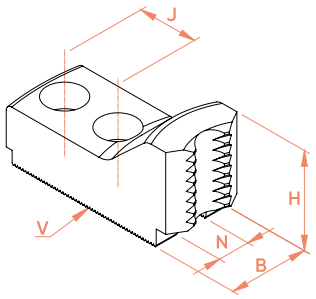
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

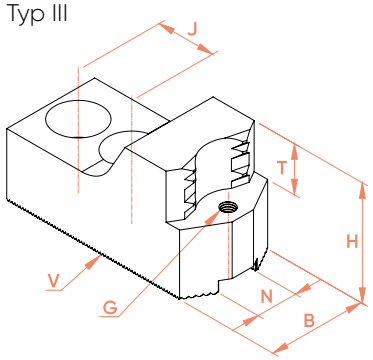
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range*		Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
						Außen Ø *external Ø* min-max/mm	Innen Ø *internal Ø* min-max/mm									
SMW-Autoblok	BB-D 175	175	**JW06**	**230051**	IV		50 – 67	212	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			67 – 96	207	1,4							
			JW11	**230053**			96 – 129	209	1,4							
			JW14	**230054**			125 – 159	235	1,6							
SMW-Autoblok	BB-D 210	210	**KJ20**	**227101**	II	19 – 53		218	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	41 – 73		257	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		68 – 100		259	2,1							
			IB08	**228009**		96 – 129		257	2,1							
			IB11	**228010**		125 – 158		256	2,0							
			IB14	**228011**		155 – 188		275	1,9							
			JB06	**230005**	IV		72 – 105	257	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			104 – 137	257	1,8							
			JB12	**230007**			135 – 168	255	1,7							
SMW-Autoblok	BB-D 250	254	**KJ26**	**227102**	II	23 – 69		305	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	54 – 98		309	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		98 – 140		308	2,7							
			IC13	**228015**		147 – 190		305	2,4							
			IC18	**228016**		198 – 242		335	2,8							
			JC08	**230008**	IV		81 – 113	302	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			124 – 167	306	2,8							
			JC15	**230015**			175 – 218	319	2,6							
SMW-Autoblok	BB-D 315	315	**KJ32**	**227103**	II	41 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	66 – 117		371	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		100 – 152		369	3,3							
			IC08	**228014**		146 – 197		371	2,7							
			IC13	**228015**		196 – 249		370	2,4							
			IC18	**228016**		248 – 300		400	2,8							
			JC08	**230008**	IV		119 – 173	368	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			173 – 225	370	2,8							
			JC15	**230015**			224 – 276	383	2,6							
SMW-Autoblok	BH-D 165	165	**IW03**	**228051**	III	25 – 49		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		47 – 74		203	1,2							
			IW09	**228053**		72 – 104		186	1,1							
			IW12	**228054**		100 – 133		201	1,4							
			IW15	**228055**		133 – 167		224	1,1							

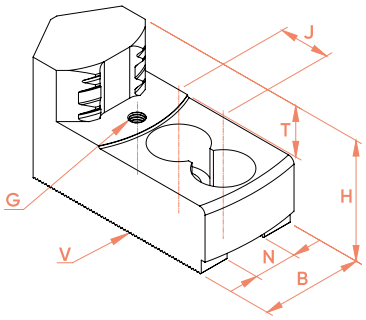
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	BH-D 165	165	**JW06**	**230051**	IV		50 – 67	210	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			67 – 96	205	1,4							
			JW11	**230053**			96 – 129	207	1,4							
			JW14	**230054**			125 – 159	234	1,6							
SMW-Autoblok	BH-D 210	210	**KJ20**	**227101**	II	25 – 56		221	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 70		254	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		55 – 97		256	2,1							
			IB08	**228009**		82 – 126		254	2,1							
			IB11	**228010**		111 – 156		254	2,0							
			IB14	**228011**		140 – 185		272	1,9							
			JB06	**230005**	IV		58 – 102	254	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			89 – 134	254	1,8							
			JB12	**230007**			120 – 165	253	1,7							
SMW-Autoblok	BH-D 250	254	**KJ26**	**227102**	II	30 – 70		306	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	45 – 94		305	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		89 – 139		307	2,7							
			IC13	**228015**		138 – 189		304	2,4							
			IC18	**228016**		188 – 241		334	2,8							
			JC08	**230008**	IV		81 – 114	303	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			114 – 166	305	2,8							
			JC15	**230015**			165 – 217	318	2,6							
SMW-Autoblok	BH-D 315	315	**KJ32**	**227103**	II	67 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	50 – 118		372	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		117 – 198		372	2,7							
			IC13	**228015**		167 – 250		371	2,4							
			IC18	**228016**		218 – 301		401	2,8							
			JC08	**230008**	IV		89 – 172	367	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			144 – 226	371	2,8							
			JC15	**230015**			194 – 277	384	2,6							

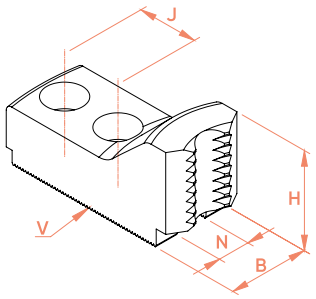
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

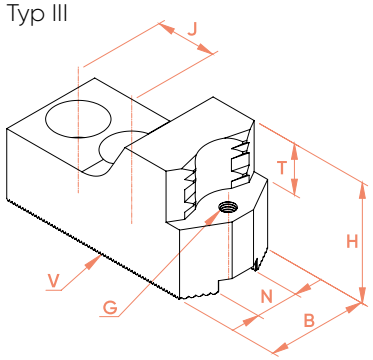
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	BH-D 400	390	**KJ40**	**227104**	II	40 – 89		443	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	60 – 133		442	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		102 – 177		442	8,5							
			ID13	**228018**		143 – 220		440	6,3							
			ID18	**228031**		185 – 263		439	5,5							
			ID21	**228019**		228 – 307		438	4,8							
			ID30	**228020**		317 – 396		500	6,6							
			JD10	**230011**	IV		103 – 179	439	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			179 – 257	438	6,7							
			JD25	**230013**			257 – 336	437	4,0							
			JD33	**230014**			336 – 400	499	6,0							
SMW-Autoblok	BH-D 450	450	**KJ40**	**227104**	II	40 – 146		500	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	60 – 191		500	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		143 – 279		500	6,3							
			ID21	**228019**		228 – 366		498	4,8							
			ID30	**228020**		317 – 456		562	6,6							
			JD10	**230011**	IV		103 – 237	498	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			179 – 316	499	6,7							
			JD25	**230013**			257 – 396	498	4,0							
			JD33	**230014**			336 – 460	560	6,0							
SMW-Autoblok	BH-D 500	510	**KJ40**	**227104**	II	73 – 204		557	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	117 – 249		558	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		161 – 294		559	8,5							
			ID13	**228018**		204 – 338		559	6,3							
			ID18	**228031**		247 – 381		558	5,5							
			ID21	**228019**		290 – 425		557	4,8							
			ID30	**228020**		379 – 514		621	6,6							
			JD10	**230011**	IV		162 – 296	557	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			240 – 375	558	6,7							
			JD25	**230013**			319 – 455	557	4,0							
			JD33	**230014**			399 – 520	619	6,0							

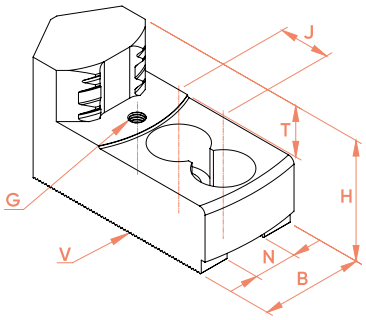
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	BH-D 630	630	**ID06**	**228017**	III	212 – 359		671	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		257 – 404		672	8,5							
			ID13	**228018**		300 – 447		671	6,3							
			ID18	**228031**		344 – 491		671	5,5							
			ID21	**228019**		388 – 535		671	4,8							
			ID30	**228020**		477 – 625		735	6,6							
			JD10	**230011**	IV		259 – 405	669	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			338 – 485	671	6,7							
			JD25	**230013**			417 – 565	670	4,0							
			JD33	**230014**			497 – 640	733	6,0							
SMW-Autoblok	BH-D 800	800	**ID06**	**228017**	III	212 – 528		837	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		300 – 617		838	6,3							
			ID21	**228019**		388 – 704		837	4,8							
			ID30	**228020**		477 – 794		902	6,6							
			JD10	**230011**	IV		259 – 575	836	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			338 – 654	837	6,7							
			JD25	**230013**			417 – 734	837	4,0							
			JD33	**230014**			497 – 810	901	6,0							
SMW-Autoblok	BHD-FC 165	165	**IW03**	**228051**	III	26 – 51		204	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		46 – 73		202	1,2							
			IW09	**228053**		90 – 118		200	1,1							
			IW12	**228054**		102 – 131		199	1,4							
			IW15	**228055**		133 – 162		220	1,1							
			JW06	**230051**	IV		49 – 60	203	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			65 – 93	202	1,4							
			JW11	**230053**			95 – 123	201	1,4							
			JW14	**230054**			124 – 153	228	1,6							

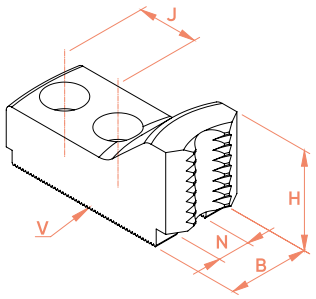
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

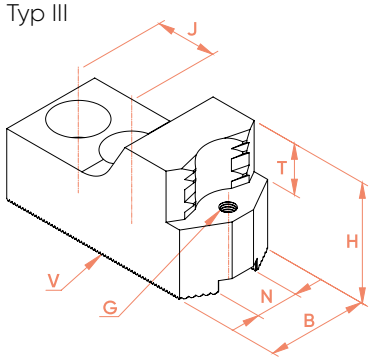
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	BHD-FC 210	210	**KJ20**	**227101**	II	45 – 90		252	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 70		254	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		55 – 97		256	2,1							
			IB08	**228009**		82 – 126		254	2,1							
			IB11	**228010**		111 – 156		254	2,0							
			IB14	**228011**		140 – 185		272	1,9							
			JB06	**230005**	IV		58 – 102	254	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			89 – 134	254	1,8							
			JB12	**230007**			120 – 165	253	1,7							
SMW-Autoblok	BHD-FC 250	254	**KJ26**	**227102**	II	26 – 59		296	2,5	1/16" x 90°	21	50	49	—	25	—
			IC05	**228013**	III	49 – 84		296	3,3	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		93 – 129		298	2,7							
			IC13	**228015**		143 – 180		296	2,4							
			IC18	**228016**		193 – 231		325	2,8							
			JC08	**230008**	IV		81 – 102	292	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			120 – 156	296	2,8							
			JC15	**230015**			170 – 207	309	2,6							
SMW-Autoblok	BHD-FC 315	315	**KJ32**	**227103**	II	44 – 110		364	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	44 – 108		362	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		76 – 143		361	3,3							
			IC08	**228014**		121 – 188		363	2,7							
			IC13	**228015**		171 – 240		362	2,4							
			IC18	**228016**		222 – 291		391	2,8							
			JC08	**230008**	IV		93 – 162	358	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			147 – 216	361	2,8							
			JC15	**230015**			198 – 267	375	2,6							
SMW-Autoblok	BHD-FC 400	390	**KJ40**	**227104**	II	40 – 89		443	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	60 – 133		442	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		102 – 177		442	8,5							
			ID13	**228018**		143 – 220		440	6,3							
			ID18	**228031**		185 – 263		439	5,5							
			ID21	**228019**		228 – 307		438	4,8							
			ID30	**228020**		317 – 396		500	6,6							

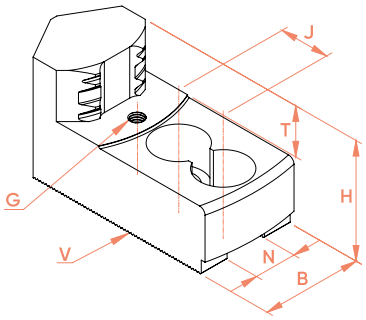
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range*		**Schwing-kreis Ø** *swing Ø*	**m/ Satz** *m/ set*	**V**	**N**	**B**	**H**	**T**	**J**	**G**
						Außen Ø *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	max./mm	kg		mm	mm	mm	mm	mm	mm
SMW-Autoblok	BHD-FC 400	390	**JD10**	**230011**	IV		103 – 179	439	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			179 – 257	438	6,7							
			JD25	**230013**			257 – 336	437	4,0							
			JD33	**230014**			336 – 400	499	6,0							
SMW-Autoblok	BHD-FC 500	510	**KJ40**	**227104**	II	53 – 197		551	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	95 – 242		551	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		139 – 287		553	8,5							
			ID13	**228018**		181 – 330		551	6,3							
			ID18	**228031**		224 – 374		551	5,5							
			ID21	**228019**		267 – 417		550	4,8							
			ID30	**228020**		356 – 507		614	6,6							
			JD10	**230011**	IV		140 – 288	549	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			217 – 368	551	6,7							
			JD25	**230013**			296 – 447	549	4,0							
			JD33	**230014**			375 – 520	613	6,0							
SMW-Autoblok	BHD-FC 630	630	**ID06**	**228017**	III	136 – 361		673	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID08	**228030**		181 – 406		674	8,5							
			ID13	**228018**		224 – 449		673	6,3							
			ID18	**228031**		267 – 493		673	5,5							
			ID21	**228019**		310 – 537		673	4,8							
			ID30	**228020**		400 – 627		737	6,6							
			JD10	**230011**	IV		182 – 407	671	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			261 – 487	673	6,7							
			JD25	**230013**			340 – 567	672	4,0							
			JD33	**230014**			419 – 640	735	6,0							

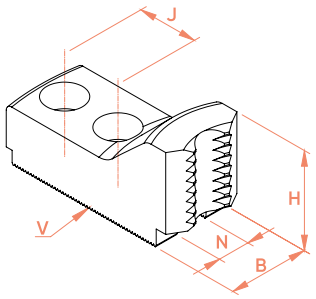
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

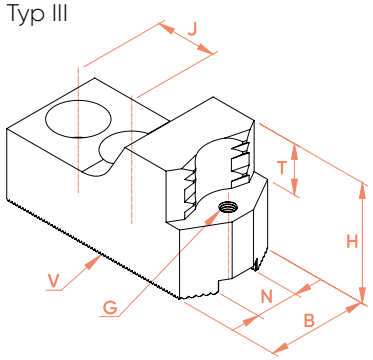
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	HFK 160	165	**KJ16**	**227100**	II	21 – 45		216	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	39 – 63		218	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		58 – 82		220	1,4							
			IA07	**228003**		79 – 104		220	1,5							
			IA09	**228004**		101 – 126		219	1,6							
			IA11	**228005**		123 – 149		226	1,5							
			JA05	**230001**	IV		59 – 84	220	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			81 – 106	220	1,6							
			JA09	**230003**			102 – 127	219	1,5							
			JA11	**230004**			123 – 149	218	1,5							
SMW-Autoblok	HFK 200-48	204	**KJ20**	**227101**	II	47 – 96		258	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	34 – 64		260	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		34 – 75		259	2,3							
			IB05	**228008**		56 – 103		262	2,1							
			IB08	**228009**		84 – 132		260	2,1							
			IB11	**228010**		112 – 161		259	2,0							
			IB14	**228011**		141 – 191		278	1,9							
			JB06	**230005**	IV		60 – 107	259	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			91 – 140	260	1,8							
			JB12	**230007**			122 – 171	258	1,7							
SMW-Autoblok	HFK 200-66	204	**KJ20**	**227101**	II	61 – 95		257	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	34 – 63		259	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		43 – 74		258	2,3							
			IB05	**228008**		70 – 102		261	2,1							
			IB08	**228009**		98 – 131		259	2,1							
			IB11	**228010**		127 – 160		258	2,0							
			IB14	**228011**		156 – 190		277	1,9							
			JB06	**230005**	IV		74 – 106	258	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			105 – 139	259	1,8							
			JB12	**230007**			137 – 170	257	1,7							

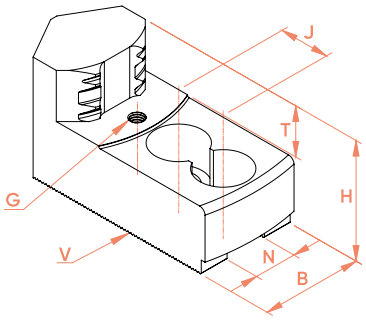
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range*		**Schwing-kreis Ø** *swing Ø*	**m/Satz** *m/set*	**V**	**N**	**B**	**H**	**T**	**J**	**G**
						Außen Ø *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	max./mm	kg		mm	mm	mm	mm	mm	mm
SMW-Autoblok	HFK 250	250	**KJ26**	**227102**	II	27 – 76		312	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 67		315	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		51 – 101		312	3,3							
			IC08	**228014**		95 – 146		314	2,7							
			IC13	**228015**		144 – 197		312	2,4							
			IC18	**228016**		195 – 248		341	2,8							
			JC08	**230008**	IV		81 – 120	309	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			121 – 173	311	2,8							
			JC15	**230015**			172 – 225	325	2,6							
SMW-Autoblok	HFK 270	270	**KJ26**	**227102**	II	34 – 92		330	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 82		332	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		59 – 117		330	3,3							
			IC08	**228014**		103 – 162		332	2,7							
			IC13	**228015**		153 – 213		331	2,4							
			IC18	**228016**		204 – 264		360	2,8							
			JC08	**230008**	IV		81 – 135	326	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			130 – 189	330	2,8							
			JC15	**230015**			180 – 240	343	2,6							
SMW-Autoblok	HFK 315	315	**KJ32**	**227103**	II	37 – 131		383	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	37 – 129		382	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		68 – 165		381	3,3							
			IC08	**228014**		113 – 210		383	2,7							
			IC13	**228015**		163 – 261		382	2,4							
			IC18	**228016**		214 – 313		412	2,8							
			JC08	**230008**	IV		85 – 184	379	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			139 – 237	381	2,8							
			JC15	**230015**			190 – 289	396	2,6							

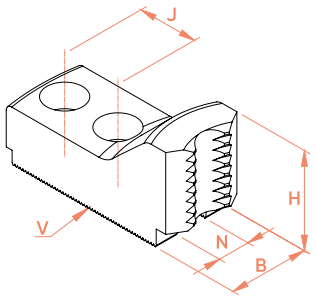
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

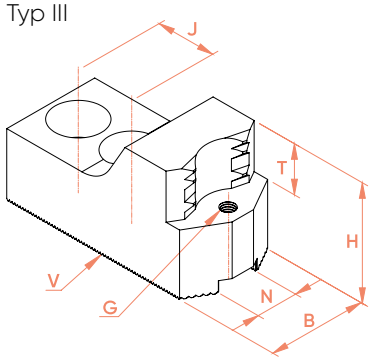
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	HFK / HFKN-D 400	400	**KJ40**	**227104**	II	40 – 111		470	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	61 – 155		469	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		144 – 243		469	6,3							
			ID21	**228019**		229 – 330		467	4,8							
			ID30	**228020**		318 – 410		529	6,6							
			JD10	**230011**	IV		104 – 202	468	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			180 – 280	467	6,7							
			JD25	**230013**			259 – 360	466	4,0							
			JD33	**230014**			338 – 410	528	6,0							
SMW-Autoblok	HFK / HFKN-D 500	500	**KJ40**	**227104**	II	57 – 204		565	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	98 – 249		566	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		185 – 337		566	6,3							
			ID21	**228019**		271 – 424		564	4,8							
			ID30	**228020**		360 – 510		629	6,6							
			JD10	**230011**	IV		144 – 295	563	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			221 – 374	564	6,7							
			JD25	**230013**			300 – 454	564	4,0							
			JD33	**230014**			379 – 510	627	6,0							
SMW-Autoblok	HFKN-D 165	165	**IW03**	**228051**	III	25 – 49		202	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		47 – 74		203	1,2							
			IW09	**228053**		72 – 104		186	1,1							
			IW12	**228054**		100 – 133		201	1,4							
			IW15	**228055**		133 – 167		224	1,1							
			JW06	**230051**	IV		50 – 67	210	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			67 – 96	205	1,4							
			JW11	**230053**			96 – 129	207	1,4							
			JW14	**230054**			125 – 159	234	1,6							
SMW-Autoblok	HFKN-D 210	215	**KJ20**	**227101**	II	47 – 107		268	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	**228007**	III	34 – 86		269	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	**228008**		56 – 114		272	2,1							
			IB08	**228009**		84 – 143		270	2,1							
			IB11	**228010**		113 – 172		269	2,0							
			IB14	**228011**		142 – 202		288	1,9							

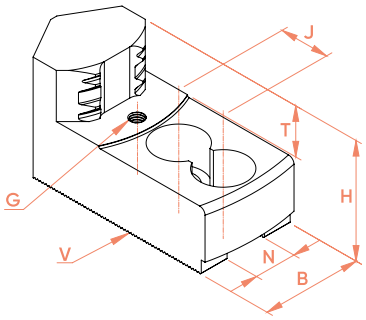
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Spannbereich** **Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	HFKN-D 210	215	**JB06**	**230005**	IV		60 – 118	269	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			91 – 151	270	1,8							
			JB12	**230007**			122 – 182	269	1,7							
SMW-Autoblok	HFKN-D 260	260	**KJ26**	**227102**	II	27 – 80		316	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 71		319	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		50 – 105		315	3,3							
			IC08	**228014**		94 – 150		317	2,7							
			IC13	**228015**		143 – 201		316	2,4							
			IC18	**228016**		194 – 252		344	2,8							
			JC08	**230008**	IV		81 – 124	312	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			120 – 178	316	2,8							
			JC15	**230015**			171 – 229	329	2,6							
SMW-Autoblok	HFKN-D 315	315	**KJ32**	**227103**	II	53 – 121		374	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	52 – 120		373	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		85 – 155		372	3,3							
			IC08	**228014**		130 – 200		374	2,7							
			IC13	**228015**		181 – 251		372	2,4							
			IC18	**228016**		232 – 303		403	2,8							
			JC08	**230008**	IV		103 – 174	369	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			157 – 228	373	2,8							
			JC15	**230015**			208 – 279	386	2,6							
SMW-Autoblok	HFKS 160	165	**KJ16**	**227100**	II	21 – 45		216	1,6	1/16" x 90°	17	40	39	—	19	—
			IA03	**228001**	III	39 – 63		218	1,8	1/16" x 90°	17	40	49	20	19	M6
			IA05	**228002**		58 – 82		220	1,4							
			IA07	**228003**		79 – 104		220	1,5							
			IA09	**228004**		101 – 126		219	1,6							
			IA11	**228005**		123 – 149		226	1,5							
			JA05	**230001**	IV		59 – 84	220	1,7	1/16" x 90°	17	40	49	20	19	M6
			JA07	**230002**			81 – 106	220	1,6							
			JA09	**230003**			102 – 127	219	1,5							
			JA11	**230004**			123 – 149	218	1,5							

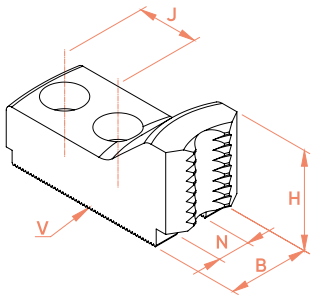
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

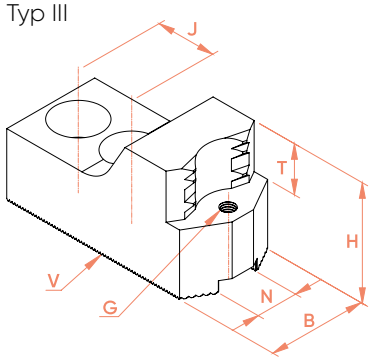
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	HFKS 200-48	204	KJ20	227101	II	47 – 96		258	2,0	1/16" x 90°	17	40	49	—	22	—
			IB04	228007	III	34 – 75		259	2,3	1/16" x 90°	17	40	49	20	22	M6
			IB05	228008		56 – 103		262	2,1							
			IB08	228009		84 – 132		260	2,1							
			IB11	228010		112 – 161		259	2,0							
			IB14	228011		141 – 191		278	1,9							
			JB06	230005	IV		60 – 107	259	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			91 – 140	260	1,8							
			JB12	230007			122 – 171	258	1,7							
SMW-Autoblok	HFKS 200-66	204	KJ20	227101	II	61 – 95		257	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	228006	III	34 – 63		259	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	228007		43 – 74		258	2,3							
			IB05	228008		70 – 102		261	2,1							
			IB08	228009		98 – 131		259	2,1							
			IB11	228010		127 – 160		258	2,0							
			IB14	228011		156 – 190		277	1,9							
			JB06	230005	IV		74 – 106	258	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	230006			105 – 139	259	1,8							
			JB12	230007			137 – 170	257	1,7							
SMW-Autoblok	HFKS 250	250	KJ26	227102	II	27 – 76		312	2,5	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	34 – 67		315	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		51 – 101		312	3,3							
			IC08	228014		95 – 146		314	2,7							
			IC13	228015		144 – 197		312	2,4							
			IC18	228016		195 – 248		341	2,8							
			JC08	230008	IV		81 – 120	309	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	230010			121 – 173	311	2,8							
			JC15	230015			172 – 225	325	2,6							
SMW-Autoblok	HFKS 270	270	KJ32	227103	II	30 – 83		333	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	228012	III	34 – 82		332	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	228013		59 – 117		330	3,3							
			IC08	228014		103 – 162		332	2,7							
			IC13	228015		153 – 213		331	2,4							
			IC18	228016		204 – 264		360	2,8							

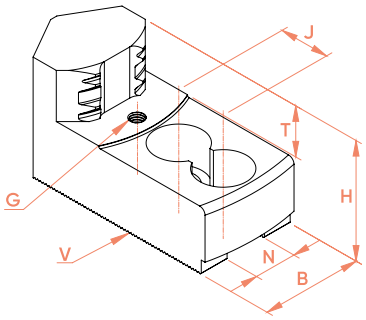
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	HFKS 270	270	**JC08**	**230008**	IV		81 – 135	326	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			130 – 189	330	2,8							
			JC15	**230015**			180 – 240	343	2,6							
SMW-Autoblok	HFKS 315	315	**KJ32**	**227103**	II	37 – 131		383	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	37 – 129		382	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC05	**228013**		68 – 165		381	3,3							
			IC08	**228014**		113 – 210		383	2,7							
			IC13	**228015**		163 – 261		382	2,4							
			IC18	**228016**		214 – 313		412	2,8							
			JC08	**230008**	IV		85 – 184	379	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			139 – 237	381	2,8							
			JC15	**230015**			190 – 289	396	2,6							
SMW-Autoblok	HFKS 400	400	**KJ40**	**227104**	II	40 – 111		467	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	61 – 155		466	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		144 – 243		466	6,3							
			ID21	**228019**		229 – 330		464	4,8							
			ID30	**228020**		318 – 410		526	6,6							
			JD10	**230011**	IV		104 – 202	465	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			180 – 280	464	6,7							
			JD25	**230013**			259 – 360	463	4,0							
			JD33	**230014**			338 – 410	525	6,0							
SMW-Autoblok	HFKS 500	500	**KJ40**	**227104**	II	57 – 204		557	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	98 – 249		558	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		185 – 337		558	6,3							
			ID21	**228019**		271 – 424		556	4,8							
			ID30	**228020**		360 – 510		621	6,6							
			JD10	**230011**	IV		144 – 295	556	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			221 – 374	557	6,7							
			JD25	**230013**			300 – 454	556	4,0							
			JD33	**230014**			379 – 510	619	6,0							

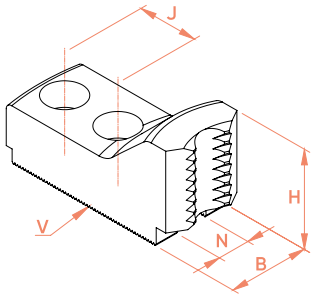
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

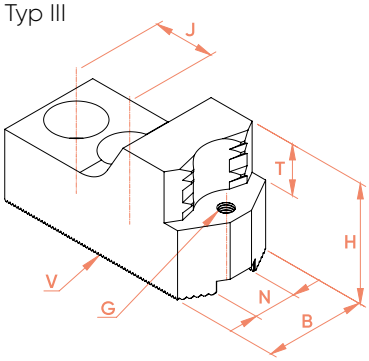
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	IL-D 500	510	ID06	228017	III	98 – 268		576	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		185 – 356		576	6,3							
			ID21	228019		271 – 443		575	4,8							
			ID30	228020		360 – 510		639	6,6							
			JD10	230011	IV		144 – 314	574	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			221 – 393	575	6,7							
			JD25	230013			300 – 473	575	4,0							
			JD33	230014			379 – 510	638	6,0							
SMW-Autoblok	IL-D 630	630	ID06	228017	III	98 – 377		688	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		185 – 465		689	6,3							
			ID21	228019		271 – 553		688	4,8							
			ID30	228020		360 – 640		753	6,6							
			JD10	230011	IV		144 – 423	686	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			221 – 503	688	6,7							
			JD25	230013			300 – 583	688	4,0							
			JD33	230014			379 – 640	751	6,0							
SMW-Autoblok	IL-D 800	800	ID06	228017	III	98 – 550		859	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		185 – 639		860	6,3							
			ID21	228019		271 – 726		859	4,8							
			ID30	228020		360 – 810		924	6,6							
			JD10	230011	IV		144 – 597	857	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			221 – 676	859	6,7							
			JD25	230013			300 – 756	859	4,0							
			JD33	230014			379 – 810	923	6,0							
SMW-Autoblok	IN-D 500	510	KJ40	227104	II	57 – 223		576	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	228017	III	99 – 268		576	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	228018		185 – 356		576	6,3							
			ID21	228019		271 – 444		576	4,8							
			ID30	228020		360 – 520		639	6,6							
			JD10	230011	IV		144 – 314	574	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	230012			222 – 394	576	6,7							
			JD25	230013			301 – 473	575	4,0							
			JD33	230014			380 – 520	638	6,0							

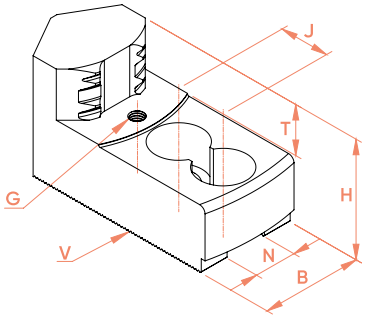
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	IN-D 630	630	**KJ40**	**227104**	II	56 – 331		687	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	97 – 376		687	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		184 – 464		688	6,3							
			ID21	**228019**		270 – 552		687	4,8							
			ID30	**228020**		359 – 640		752	6,6							
			JD10	**230011**	IV		143 – 422	685	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			220 – 502	687	6,7							
			JD25	**230013**			299 – 582	687	4,0							
			JD33	**230014**			378 – 640	750	6,0							
SMW-Autoblok	IN-D 800	800	**KJ40**	**227104**	II	56 – 504		857	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	97 – 549		858	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		184 – 638		859	6,3							
			ID21	**228019**		270 – 725		858	4,8							
			ID30	**228020**		359 – 810		923	6,6							
			JD10	**230011**	IV		143 – 596	856	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			220 – 675	858	6,7							
			JD25	**230013**			299 – 755	858	4,0							
			JD33	**230014**			378 – 810	922	6,0							
SMW-Autoblok	NT-D 170	172	**IW03**	**228051**	III	27 – 53		208	1,3	1/16" x 90°	14	30	47	20	20	M6
			IW06	**228052**		46 – 75		205	1,2							
			IW09	**228053**		90 – 121		204	1,1							
			IW12	**228054**		103 – 133		203	1,4							
			IW15	**228055**		134 – 164		223	1,1							
			JW06	**230051**	IV		49 – 62	207	1,5	1/16" x 90°	14	30	47	20	20	M6
			JW09	**230052**			66 – 96	207	1,4							
			JW11	**230053**			95 – 126	206	1,4							
			JW14	**230054**			125 – 155	232	1,6							

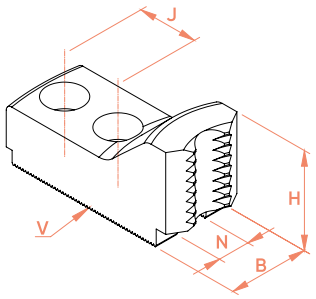
UNIJaws®

Greiferbacken hart, Spitzverzahnung Zoll

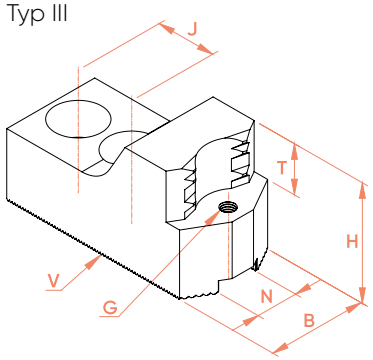
Adjustagrip hard jaws, inch serration

Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	NT-D 215	216	**KJ20**	**227101**	II	55 – 95		257	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	34 – 63		259	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		37 – 74		258	2,3							
			IB05	**228008**		64 – 101		260	2,1							
			IB08	**228009**		92 – 130		258	2,1							
			IB11	**228010**		121 – 160		258	2,0							
			IB14	**228011**		150 – 189		276	1,9							
			JB06	**230005**	IV		68 – 106	258	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			99 – 138	258	1,8							
			JB12	**230007**			130 – 170	257	1,7							
SMW-Autoblok	NT-D 260	262	**KJ20**	**227101**	II	67 – 124		285	2,0	1/16" x 90°	17	40	49	—	22	—
			IB03	**228006**	III	37 – 91		285	2,7	1/16" x 90°	17	40	49	20	22	M6
			IB04	**228007**		47 – 103		285	2,3							
			IB05	**228008**		74 – 130		287	2,1							
			IB08	**228009**		103 – 159		285	2,1							
			IB11	**228010**		132 – 189		285	2,0							
			IB14	**228011**		161 – 219		305	1,9							
			JB06	**230005**	IV		79 – 135	285	1,8	1/16" x 90°	17	40	49	20	22	M6
			JB09	**230006**			111 – 167	285	1,8							
			JB12	**230007**			142 – 199	285	1,7							

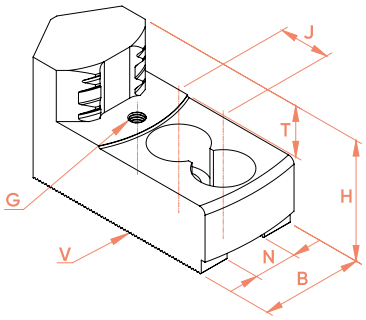
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	NT-D 315	315	**KJ32**	**227103**	II	33 – 107		361	3,0	1/16" x 90°	21	50	49	—	25	—
			IC04	**228012**	III	34 – 106		360	3,9	1/16" x 90°	21	50	59	25	25	M8
			IC08	**228014**		107 – 186		361	2,7							
			IC13	**228015**		157 – 237		359	2,4							
			IC18	**228016**		208 – 289		389	2,8							
			JC08	**230008**	IV		81 – 160	356	3,9	1/16" x 90°	21	50	59	25	25	M8
			JC10	**230010**			134 – 214	359	2,8							
			JC15	**230015**			184 – 265	373	2,6							
SMW-Autoblok	NT-D 400	390	**KJ40**	**227104**	II	40 – 81		436	6,0	3/32" x 90°	25,5	60	59	—	35	—
			ID06	**228017**	III	54 – 125		434	9,0	3/32" x 90°	25,5	60	79	33	35	M8
			ID13	**228018**		127 – 212		433	6,3							
			ID21	**228019**		212 – 298		430	4,8							
			ID30	**228020**		300 – 388		492	6,6							
			JD10	**230011**	IV		96 – 171	432	8,6	3/32" x 90°	25,5	60	79	33	35	M8
			JD17	**230012**			163 – 249	431	6,7							
			JD25	**230013**			241 – 328	429	4,0							
			JD33	**230014**			320 – 400	490	6,0							

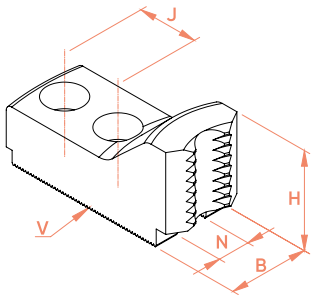
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

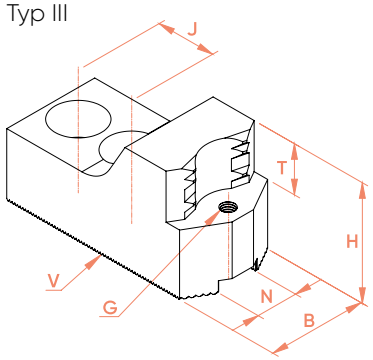
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Auto Strong	N-204	110	LW03	234030	III	30 – 43		141	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		39 – 52		139	1,0							
			LW05	234032		49 – 62		143	1,0							
			LW06	234033		57 – 70		141	1,0							
			LW07	234036		63 – 76		141	1,1							
			LW08	234037		70 – 84		141	1,1							
Auto Strong	N-205	135	LW03	234030	III	38 – 60		160	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		47 – 70		160	1,0							
			LW05	234032		57 – 79		162	1,0							
			LW06	234033		65 – 88		162	1,0							
			LW07	234036		71 – 94		162	1,1							
			LW08	234037		79 – 102		161	1,1							
Auto Strong	N-206	169	KK16	227110	II	14 – 31		206	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 44		209	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		40 – 64		212	1,4							
			LA06	234003		54 – 78		211	1,4							
			LA07	234004		68 – 93		210	1,4							
			LA09	234005		84 – 109		211	1,2							
			MA05	235001	IV		46 – 66	212	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			53 – 77	211	1,4							
			MA07	235003			71 – 97	210	1,3							
			MA09	235004			94 – 119	210	1,1							
Auto Strong	N-208	210	KK20	227111	II	18 – 44		248	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	39 – 67		246	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		67 – 95		251	1,8							
			LB09	234008		95 – 124		249	1,7							
			LB12	234009		123 – 151		248	1,7							
			LB15	234028		147 – 186		279	1,8							
			MB06	235005	IV		57 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			85 – 118	253	1,8							
			MB11	235007			118 – 150	251	1,7							
			MB14	235008			148 – 178	257	1,7							

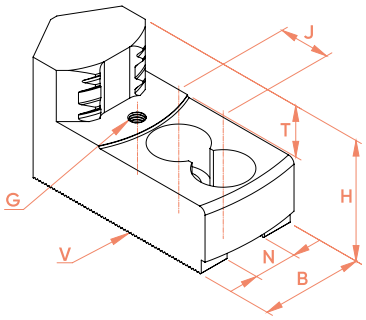
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Auto Strong	N-210	254	**KK25**	**227112**	II	29 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	48 – 86		296	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		86 – 129		297	2,7							
			LC13	**234012**		129 – 172		304	2,6							
			LC17	**234013**		172 – 215		303	2,6							
			LC20	**234029**		204 – 248		333	2,8							
			MC06	**235009**	IV		65 – 104	293	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			104 – 145	294	2,5							
			MC14	**235011**			145 – 185	291	2,3							
			MC18	**235012**			185 – 222	288	2,2							
Auto Strong	N-212	304	**KK40**	**227114**	II	33 – 86		354	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	55 – 110		355	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		109 – 172		361	3,4							
			LE16	**234020**		172 – 237		359	3,0							
			LE23	**234021**		239 – 300		405	3,4							
			ME08	**235017**	IV		86 – 149	359	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			149 – 207	354	3,0							
			ME20	**235019**			207 – 270	357	3,0							
			ME26	**235020**			269 – 310	406	3,2							
Auto Strong	N-215	381	**LF05**	**234022**	III	52 – 105		430	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		102 – 159		431	8,3							
			LF16	**234034**		163 – 221		427	6,0							
			LF22	**234035**		223 – 282		425	5,6							
			LF28	**234026**		282 – 342		447	6,0							
			LF34	**234027**		342 – 390		505	7,8							
			MF10	**235021**	IV		102 – 159	430	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			163 – 221	426	7,1							
			MF22	**235023**			225 – 284	425	4,1							
			MF28	**235024**			282 – 342	424	4,1							
			MF34	**235025**			342 – 390	476	7,1							

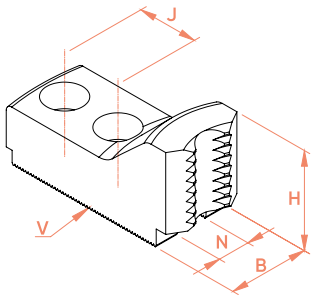
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

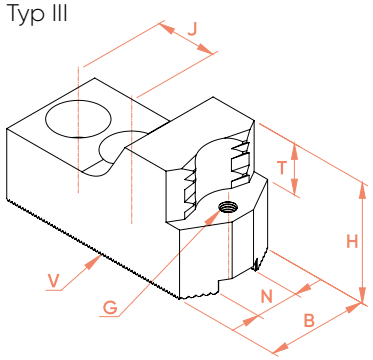
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Auto Strong	NB-206	170	KK16	227110	II	14 – 26		203	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 44		211	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		44 – 60		210	1,4							
			LA06	234003		58 – 74		209	1,4							
			LA07	234004		72 – 89		208	1,4							
			LA09	234005		89 – 105		209	1,2							
			MA05	235001	IV		46 – 62	210	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			57 – 76	212	1,4							
			MA07	235003			76 – 95	210	1,3							
			MA09	235004			98 – 115	209	1,1							
Auto Strong	NB-208	210	KK20	227111	II	25 – 46		250	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	47 – 75		253	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		75 – 103		258	1,8							
			LB09	234008		103 – 131		256	1,7							
			LB12	234009		130 – 156		253	1,7							
			LB15	234028		156 – 180		273	1,8							
			MB06	235005	IV		64 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			93 – 123	258	1,8							
			MB11	235007			126 – 155	255	1,7							
			MB14	235008			155 – 184	263	1,7							
Auto Strong	NB-210	254	KK25	227112	II	32 – 67		295	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	52 – 90		300	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	234024		77 – 104		293	2,9							
			LC08	234011		90 – 133		301	2,7							
			LC10	230025		118 – 145		290	2,7							
			LC13	234012		133 – 176		308	2,6							
			LC17	234013		176 – 216		304	2,6							
			LC20	234029		218 – 246		331	2,8							
			MC06	235009	IV		69 – 108	297	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			108 – 148	297	2,5							
			MC14	235011			149 – 190	296	2,3							
			MC18	235012			188 – 230	296	2,2							

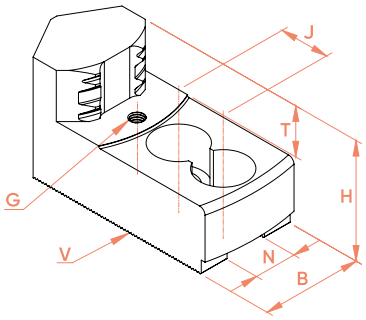
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Auto Strong	NB-212	315	KK40	227114	II	59 – 103		370	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	83 – 130		374	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		137 – 187		375	3,4							
			LE16	234020		202 – 252		373	3,0							
			LE23	234021		269 – 320		424	3,4							
			ME08	235017	IV		115 – 164	373	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			178 – 229	374	3,0							
			ME20	235019			237 – 288	374	3,0							
			ME26	235020			299 – 320	425	3,2							
Auto Strong	V-206	165	LA03	234001	III	31 – 45		210	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		50 – 65		213	1,4							
			LA06	234003		64 – 79		212	1,4							
			LA07	234004		79 – 94		211	1,4							
			LA09	234005		94 – 110		212	1,2							
			MA05	235001	IV		52 – 63	209	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			63 – 78	212	1,4							
			MA07	235003			82 – 98	211	1,3							
			MA09	235004			104 – 116	208	1,1							
Auto Strong	V-208	210	LB03	234006	III	48 – 72		251	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		75 – 100		256	1,8							
			LB09	234008		104 – 130		255	1,7							
			LB12	234009		131 – 155		252	1,7							
			LB15	234028		157 – 181		274	1,8							
			MB06	235005	IV		65 – 90	255	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			94 – 120	255	1,8							
			MB11	235007			127 – 153	254	1,7							
			MB14	235008			156 – 180	259	1,7							
Auto Strong	V-210	254	LC04	234010	III	44 – 80		290	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	234011		80 – 123		291	2,7							
			LC13	234012		123 – 166		298	2,6							
			LC17	234013		166 – 205		293	2,6							

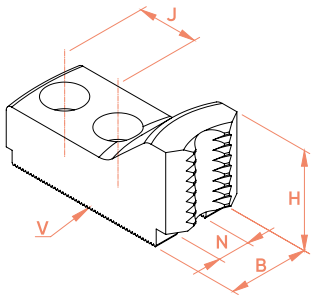
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

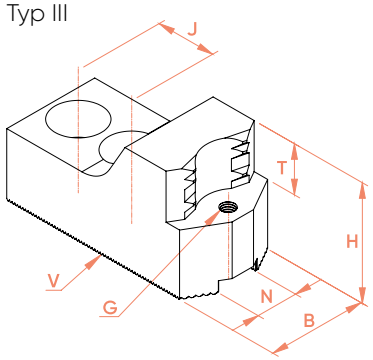
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Auto Strong	V-210	254	MC06	235009	IV		60 – 99	288	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			99 – 139	288	2,5							
			MC14	235011			139 – 180	287	2,3							
			MC18	235012			179 – 220	286	2,2							
Auto Strong	V-212	304	LD05	234014	III	54 – 120		361	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	234015		111 – 179		360	3,5							
			LD17	234016		175 – 244		358	3,1							
			LD23	234017		237 – 308		408	3,5							
			MD08	235013	IV		82 – 151	359	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	235014			143 – 213	359	3,0							
			MD20	235015			204 – 274	358	3,0							
			MD26	235016			261 – 310	409	3,2							
Auto Strong	V-215	381	LF05	234022	III	55 – 103		429	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	234023		106 – 157		429	8,3							
			LF16	234034		167 – 219		425	6,0							
			LF22	234035		228 – 281		424	5,6							
			LF28	234026		287 – 340		445	6,0							
			LF34	234027		346 – 390		504	7,8							
			MF10	235021	IV		106 – 157	428	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	235022			167 – 220	425	7,1							
			MF22	235023			230 – 283	424	4,1							
			MF28	235024			287 – 340	422	4,1							
			MF34	235025			346 – 390	475	7,1							
Auto Strong	V-218	450	LF05	234022	III	110 – 162		488	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	234023		164 – 217		489	8,3							
			LF16	234034		227 – 280		487	6,0							
			LF22	234035		288 – 341		486	5,6							
			LF28	234026		347 – 401		508	6,0							
			LF34	234027		407 – 460		566	7,8							
			MF10	235021	IV		164 – 217	488	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	235022			227 – 280	486	7,1							
			MF22	235023			290 – 343	485	4,1							
			MF28	235024			347 – 401	484	4,1							
			MF34	235025			407 – 460	537	7,1							

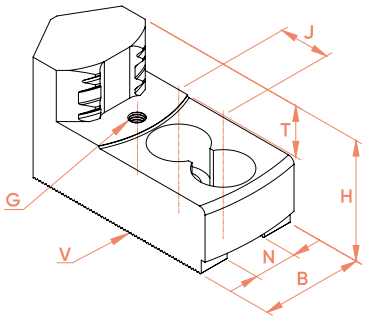
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Auto Strong	V-221	530	**X6339**	**9906339**	III	86 – 217		585	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		211 – 348		582	7,8							
			X2797	**9902797**		350 – 487		604	7,5							
			X2798	**9902798**	IV		131 – 265	565	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			261 – 398	565	6,0							
Auto Strong	V-224	610	**X5595**	**9905595**	III	129 – 264		651	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X5596	**9905596**		229 – 365		649	7,5							
			X5597	**9905597**		403 – 540		674	7,2							
			X5598	**9905598**		481 – 618		745	9,3							
			X2798	**9902798**	IV		206 – 342	645	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			338 – 475	645	6,0							
Forkardt	QLC 160 QLK 160	162	**KK16**	**227110**	II	13 – 29		204	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 44		209	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		44 – 63		211	1,4							
			LA06	**234003**		57 – 77		210	1,4							
			LA07	**234004**		72 – 92		209	1,4							
			LA09	**234005**		88 – 108		210	1,2							
			MA05	**235001**	IV		46 – 65	211	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			57 – 76	210	1,4							
			MA07	**235003**			75 – 96	209	1,3							
			MA09	**235004**			98 – 118	210	1,1							
Forkardt	QLC 175 QLK 175	175	**KK16**	**227110**	II	16 – 41		217	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	30 – 56		222	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		49 – 75		224	1,4							
			LA06	**234003**		63 – 89		222	1,4							
			LA07	**234004**		77 – 104		222	1,4							
			LA09	**234005**		93 – 121		223	1,2							
			MA05	**235001**	IV		51 – 77	224	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			62 – 89	223	1,4							
			MA07	**235003**			81 – 108	222	1,3							
			MA09	**235004**			103 – 130	222	1,1							

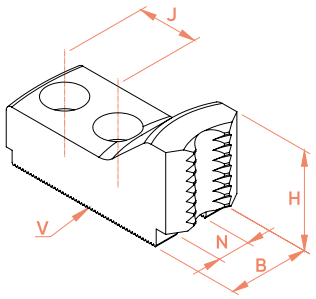
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

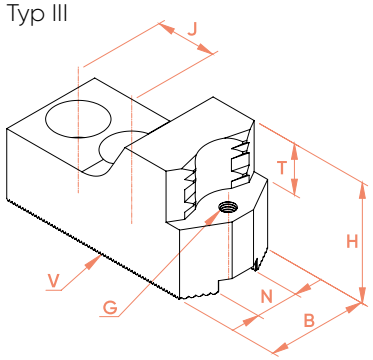
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Forkardt	QLC 200 QLK 200	210	KK20	227111	II	24 – 53		256	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	47 – 77		255	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		75 – 104		259	1,8							
			LB09	234008		103 – 134		259	1,7							
			LB12	234009		131 – 161		257	1,7							
			LB15	234028		164 – 195		287	1,8							
			MB06	235005	IV		64 – 94	259	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			94 – 124	259	1,8							
			MB11	235007			127 – 157	257	1,7							
			MB14	235008			156 – 187	265	1,7							
Forkardt	QLC 250 QLK 250	257	KK25	227112	II	36 – 74		302	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	56 – 93		302	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	234011		95 – 134		302	2,7							
			LC13	234012		138 – 178		310	2,6							
			LC17	234013		182 – 221		308	2,6							
			LC20	234029		217 – 257		341	2,8							
			MC06	235009	IV		74 – 112	300	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			113 – 152	300	2,5							
			MC14	235011			154 – 194	300	2,3							
			MC18	235012			194 – 233	299	2,2							
Forkardt	QLC 315 QLK 315	320	KK40	227114	II	34 – 116		382	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	56 – 139		382	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		111 – 196		384	3,4							
			LE16	234020		174 – 261		382	3,0							
			LE23	234021		239 – 327		431	3,4							
			ME08	235017	IV		87 – 173	382	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			151 – 237	382	3,0							
			ME20	235019			210 – 297	383	3,0							
			ME26	235020			271 – 330	433	3,2							

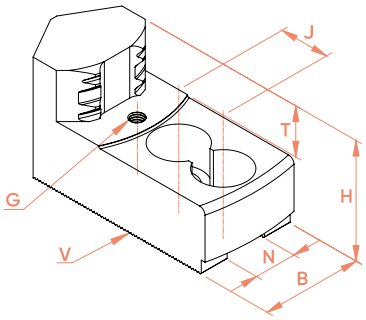
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Forkardt	QLC 400 QLK 400	400	**KK40**	**227114**	II	79 – 184		442	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	103 – 208		442	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		159 – 264		443	3,4							
			LE16	**234020**		224 – 330		442	3,0							
			LE23	**234021**		289 – 396		492	3,4							
			ME08	**235017**	IV		136 – 242	442	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			200 – 306	443	3,0							
			ME20	**235019**			260 – 366	443	3,0							
			ME26	**235020**			321 – 410	495	3,2							
HOWA	HO27M6	165	**KK16**	**227110**	II	13 – 29		204	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 44		209	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		32 – 63		211	1,4							
			LA06	**234003**		50 – 77		210	1,4							
			LA07	**234004**		64 – 92		209	1,4							
			LA09	**234005**		74 – 108		210	1,2							
			MA06	**235002**	IV		47 – 76	210	1,4	1,5mm x 60°	12	40	49	20	20	M6
			MA07	**235003**			67 – 96	209	1,3							
			MA09	**235004**			83 – 118	210	1,1							
HOWA	HO27M8	210	**KK20**	**227111**	II	16 – 48		252	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	26 – 71		250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		55 – 99		255	1,8							
			LB09	**234008**		82 – 128		253	1,7							
			LB12	**234009**		108 – 155		252	1,7							
			LB15	**234028**		142 – 189		282	1,8							
			MB06	**235005**	IV		50 – 88	253	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			72 – 118	253	1,8							
			MB11	**235007**			105 – 151	252	1,7							
			MB14	**235008**			134 – 181	260	1,7							

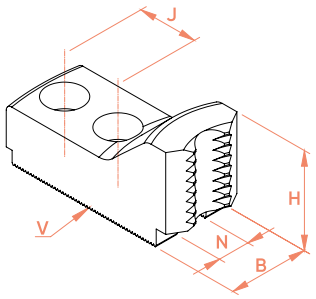
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

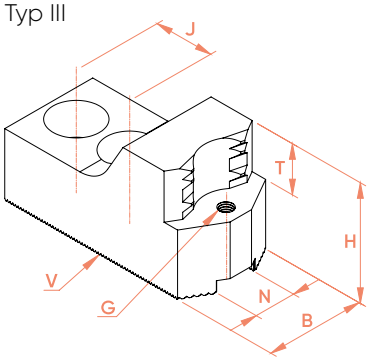
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
HOWA	HO27M10	254	KK25	227112	II	23 – 70		298	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	41 – 90		300	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	234011		78 – 130		298	2,7							
			LC13	234012		121 – 174		306	2,6							
			LC17	234013		164 – 218		305	2,6							
			MC06	235009	IV		57 – 109	298	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			96 – 149	298	2,5							
			MC14	235011			137 – 190	296	2,3							
			MC18	235012			176 – 230	296	2,2							
HOWA	HO27M12	304	KK32	227113	II	27 – 81		350	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	234014	III	44 – 110		352	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	234015		97 – 169		350	3,5							
			LD17	234016		160 – 234		348	3,1							
			LD23	234017		223 – 298		398	3,5							
			MD08	235013	IV		74 – 141	350	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	235014			129 – 203	350	3,0							
			MD20	235015			189 – 264	348	3,0							
			MD26	235016			247 – 320	399	3,2							
HOWA	HO37M6	168	KK16	227110	II	13 – 29		204	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	26 – 44		209	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		41 – 63		211	1,4							
			LA06	234003		55 – 77		210	1,4							
			LA07	234004		69 – 92		209	1,4							
			LA09	234005		85 – 108		210	1,2							
			MA05	235001	IV		45 – 65	211	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			54 – 76	210	1,4							
			MA07	235003			72 – 96	209	1,3							
			MA09	235004			95 – 118	210	1,1							
HOWA	HO37M8	210	KK20	227111	II	16 – 48		252	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	28 – 71		250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		57 – 99		255	1,8							
			LB09	234008		85 – 128		253	1,7							
			LB12	234009		111 – 155		252	1,7							
			LB15	234028		145 – 189		282	1,8							

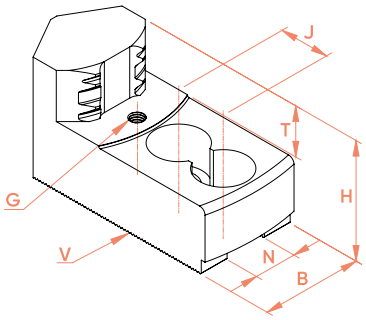
Typ II



Typ III



Typ IV



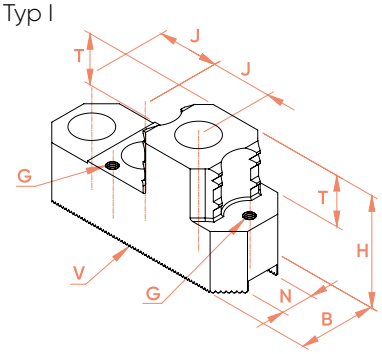
Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
HOWA	HO37M8	210	**MB06**	**235005**	IV		50 – 88	253	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			75 – 118	253	1,8							
			MB11	**235007**			108 – 151	252	1,7							
			MB14	**235008**			137 – 181	260	1,7							
HOWA	HO37M10	254	**KK25**	**227112**	II	28 – 66		295	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	48 – 86		296	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		86 – 126		294	2,7							
			LC13	**234012**		129 – 170		302	2,6							
			LC17	**234013**		172 – 214		302	2,6							
			MC06	**235009**	IV		65 – 105	294	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			104 – 145	294	2,5							
			MC14	**235011**			145 – 186	292	2,3							
			MC18	**235012**			184 – 226	292	2,2							
HOWA	HO37M12	304	**KK32**	**227113**	II	29 – 81		350	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	54 – 109		351	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		111 – 169		350	3,5							
			LD17	**234016**		175 – 234		348	3,1							
			LD23	**234017**		238 – 297		397	3,5							
			MD08	**235013**	IV		83 – 141	350	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			144 – 203	350	3,0							
			MD20	**235015**			204 – 264	348	3,0							
			MD26	**235016**			262 – 320	399	3,2							
HOWA	HO37M12	304	**KK40**	**227114**	II	29 – 81		350	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	50 – 105		350	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		104 – 161		351	3,4							
			LE16	**234020**		167 – 226		349	3,0							
			LE23	**234021**		232 – 292		397	3,4							
			ME08	**235017**	IV		80 – 138	349	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			144 – 203	350	3,0							
			ME20	**235019**			203 – 262	349	3,0							
			ME26	**235020**			264 – 320	399	3,2							

UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

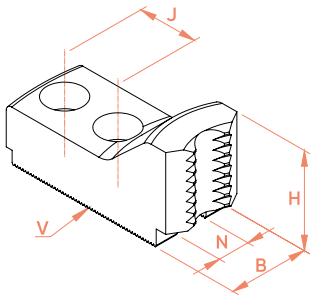
Adjustagrip hard jaws, metric serration

Typ I

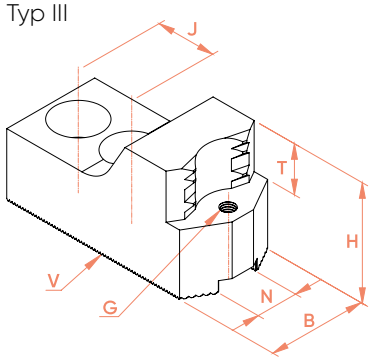


Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwing-kreis Ø *swing Ø* max/mm	m/ Satz *m/ set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
HWR	VD016	165	VG10	852110	I	30 – 165	85 – 165	243,0	1,2	1,5mm x 60°	10	32	35	15	18	M5
HWR	VD021	210	VG12	852112	I	42 – 210	115 – 210	306,6	1,9	1,5mm x 60°	12	35	48	25	20	M5
HWR	VD026	255	VG16	852116	I	52 – 255	137 – 255	372,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VD031	315	VG16	852116	I	52 – 315	137 – 315	432,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VD040	400	VG21	852121	I	68 – 400	158 – 400	532,8	4,8	1,5mm x 60°	21	60	60	30	30	M8
HWR	VD050	500	VG25	852125	I	74 – 500	224 – 500	693,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VD063	630	VG25	852125	I	74 – 630	224 – 630	823,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VD080	800	VG25	852125	I	74 – 800	224 – 800	993,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VD100	990	VG25	852125	I	74 – 990	224 – 990	1183,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VD120	1150	VG25	852125	I	74 – 1150	224 – 1150	1343,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK021	212	VG12	852112	I	42 – 212	115 – 212	308,6	1,9	1,5mm x 60°	12	35	48	25	20	M5
HWR	VK026	255	VG16	852116	I	52 – 255	137 – 255	372,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VK031	315	VG16	852116	I	52 – 315	137 – 315	432,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VK040	400	VG21	852121	I	68 – 400	158 – 400	532,8	4,8	1,5mm x 60°	21	60	60	30	30	M8
HWR	VK050	500	VG25	852125	I	74 – 500	224 – 500	693,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK063	630	VG25	852125	I	74 – 630	224 – 630	823,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK080	800	VG25	852125	I	74 – 800	224 – 800	993,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK-S 026	264	VG16	852116	I	52 – 264	137 – 264	375,7	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VK-S 040	400	VG21	852121	I	73 – 400	158 – 400	532,8	4,8	1,5mm x 60°	21	60	60	30	30	M8
HWR	VK-S 050	500	VG25	852125	I	86 – 500	224 – 500	693,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK-S 063	630	VG25	852125	I	86 – 630	224 – 630	823,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK-S 080	800	VG25	852125	I	99 – 800	224 – 800	993,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VK-S 100	990	VG25	852125	I	99 – 990	224 – 990	1183,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VL042	420	VG16	852116	I	68 – 420	158 – 420	537,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
HWR	VL060	600	VR16	850016	I	75 – 600	160 – 600	679,0	4,4	Modul 2	16	38	55	25	30	M6
HWR	VL070	700	VR16	850016	I	75 – 700	160 – 700	779,0	4,4	Modul 2	16	38	55	25	30	M6

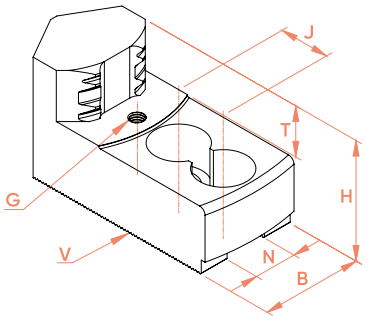
Typ II



Typ III



Typ IV



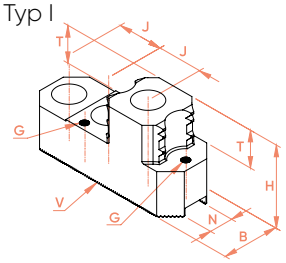
Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max/mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
HWR	VL100	990	**VR21**	**850021**	I	84 – 990	220 – 990	1187,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VL120	1150	**VR21**	**850021**	I	84 – 1150	220 – 1150	1347,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VL140	1400	**VR21**	**850021**	I	84 – 1400	220 – 1400	1597,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VL160	1600	**VR21**	**850021**	I	84 – 1600	220 – 1600	1797,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VL180	1800	**VR21**	**850021**	I	84 – 1800	220 – 1800	1997,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VL200	2000	**VR21**	**850021**	I	84 – 2000	220 – 2000	2197,6	14,1	Modul 2	21	56	90	50	30	M8
HWR	VT016	168	**VG10**	**852110**	I	30 – 168	85 – 168	246,0	1,2	1,5mm x 60°	10	32	35	15	18	M5
HWR	VT021	210	**VG12**	**852112**	I	42 – 205	110 – 210	306,6	1,9	1,5mm x 60°	12	35	48	25	20	M5
			KK16-4	**227115**	I	37 – 80		235,0	2,0				39	—		—
HWR	VT026	264	**KK25-4**	**227116**	II	47 – 88		289,0	3,1	1,5mm x 60°	16	40	49	—	30	—
			LC02-4	**234054**	III	26 – 68		288,0	4,1	1,5mm x 60°	16	40	59	24	30	M6
			LC04-4	**234045**	III	67 – 109		291,2	3,9					25		M8
			LC08-4	**234043**	III	109 – 151		290,0	3,6							
			LC13-4	**234046**	III	150 – 192		299,0	3,5							
			LC17-4	**234047**	III	192 – 236		299,4	3,5							
			LC20-4	**234048**	III	227 – 264		326,0	3,4							
			MC06-4	**235032**	IV		85 – 128	291,0	3,6	1,5mm x 60°	16	40	59	25	30	M6
			MC10-4	**235033**	IV		126 – 168	289,0	3,4							
			MC14-4	**235034**	IV		166 – 209	290,4	3,1							
			MC18-4	**235035**	IV		206 – 249	290,6	3,0							
HWR	VT031	315	**VG16**	**852116**	I	65 – 315	149 – 315	432,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
			KK25-4	**227116**	I	66 – 139	66 – 139	340,0	3,1			40	49	—		—
HWR	VT040	400	**VG21**	**852121**	I	88 – 400	179 – 400	532,8	4,8	1,5mm x 60°	21	60	60	30	30	M8
			KK33-4	**227117**	I	77 – 195	77 – 195	422,8	5,0			50	49	—		—
HWR	VT050	500	**VG25**	**852125**	I	74 – 500	224 – 500	693,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VT063	630	**VG25**	**852125**	I	74 – 630	224 – 630	823,0	14,4	3,0mm x 60°	25	58	90	50	60	M8

UNIJaws®

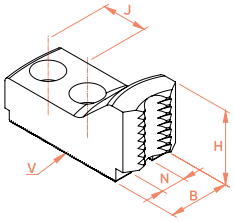
Greiferbacken hart, Spitzverzahnung metrisch

Adjustagrip hard jaws, metric serration

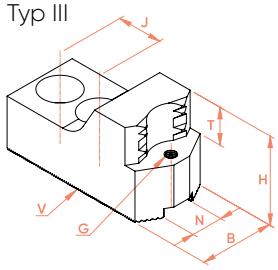
Typ I



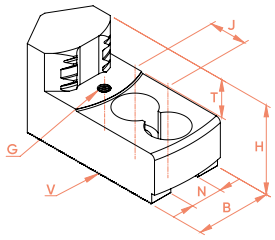
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max/mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
HWR	VT-S 016	168	**VG10**	**852110**	I	30 – 168	85 – 168	246,0	1,2	1,5mm x 60°	10	32	35	15	18	M5
HWR	VT-S 021	210	**VG12**	**852112**	I	42 – 213	110 – 218	314,6	1,9	1,5mm x 60°	12	35	48	25	20	M5
			KK16-4	**227115**	I	37 – 88		243,0	2,0				39	—		—
HWR	VT-S 026	264	**KK25-4**	**227116**	II	47 – 88		289,0	3,1	1,5mm x 60°	16	40	49	—	30	—
			LC02-4	**234054**	III	26 – 68		288,0	4,1	1,5mm x 60°	16	40	59	24	30	M6
			LC04-4	**234045**	III	67 – 109		291,2	3,9					25		M8
			LC08-4	**234043**	III	109 – 151		290,0	3,6							
			LC13-4	**234046**	III	150 – 192		299,0	3,5							
			LC17-4	**234047**	III	192 – 236		299,4	3,5							
			LC20-4	**234048**	III	227 – 264		326,0	3,4							
			MC06-4	**235032**	IV		85 – 128	291,0	3,6	1,5mm x 60°	16	40	59	25	30	M6
			MC10-4	**235033**	IV		126 – 168	289,0	3,4							
			MC14-4	**235034**	IV		166 – 209	290,4	3,1							
			MC18-4	**235035**	IV		206 – 249	290,6	3,0							
HWR	VT-S 031	315	**VG16**	**852116**	I	65 – 315	149 – 315	432,4	2,3	1,5mm x 60°	16	38	55	25	30	M6
			KK25-4	**227116**	I	66 – 139	66 – 139	340,0	3,1			40	49	—		—
HWR	VT-S 040	400	**VG21**	**852121**	I	88 – 400	179 – 400	532,8	4,8	1,5mm x 60°	21	60	60	30	30	M8
			KK33-4	**227117**	I	77 – 195	77 – 195	422,8	5,0			50	49	—		—
HWR	VT-S 050	500	**VG25**	**852125**	I	74 – 150	224 – 308	693,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
						173 – 276	323 – 428									
						296 – 398	446 – 500									
						415 – 500										
HWR	VT-S 063	630	**VG25**	**852125**	I	110 – 630	259 – 630	823,0	14,4	3,0mm x 60°	25	58	90	50	60	M8
HWR	VT-S 080	800	**VG25**	**852125**	I	110 – 800	259 – 800	993,0	14,4	3,0mm x 60°	25	58	90	50	60	M8

WACHSEN, ABER NICHT UM DES WACHSENS WILLEN, SONDERN IMMER MIT AUGENMASS, MUTIG UND INNOVATIONSFREUDIG. NIEMALS LEICHTSINNIG, GIERIG ODER ÜBERTRIEBEN.

Grow, but not for the sake of growth, always with a sense of proportion instead, courage and a willingness to innovate. Never careless, greedy or exaggerated.

[**Volker Henke**]

1989

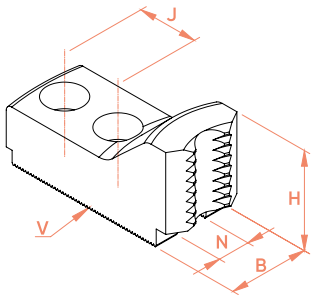
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

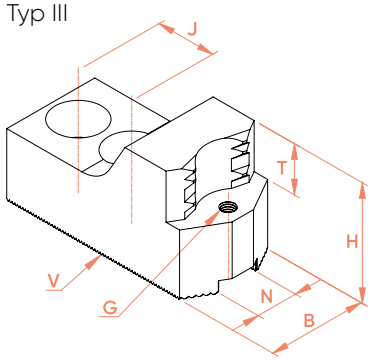
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	B-06	169	**KK16**	**227110**	II	13 – 29		204	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 43		208	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		31 – 62		210	1,4							
			LA06	**234003**		50 – 77		210	1,4							
			LA07	**234004**		64 – 91		208	1,4							
			LA09	**234005**		73 – 108		210	1,2							
			MA05	**235001**	IV		45 – 64	210	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			47 – 76	210	1,4							
			MA07	**235003**			67 – 95	208	1,3							
			MA09	**235004**			83 – 117	209	1,1							
Kitagawa	B-07	189	**KK16**	**227110**	II	13 – 38		214	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 52		218	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		38 – 72		221	1,4							
			LA06	**234003**		52 – 86		220	1,4							
			LA07	**234004**		65 – 101		219	1,4							
			LA09	**234005**		82 – 117		220	1,2							
			MA05	**235001**	IV		45 – 74	221	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			51 – 85	220	1,4							
			MA07	**235003**			69 – 105	219	1,3							
			MA09	**235004**			92 – 127	220	1,1							
Kitagawa	B-08	210	**KK20**	**227111**	II	16 – 41		245	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	25 – 65		244	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		54 – 93		249	1,8							
			LB09	**234008**		81 – 121		247	1,7							
			LB12	**234009**		108 – 149		246	1,7							
			LB15	**234028**		141 – 182		275	1,8							
			MB06	**235005**	IV		50 – 82	248	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			72 – 112	248	1,8							
			MB11	**235007**			104 – 145	246	1,7							
			MB14	**235008**			133 – 174	253	1,7							

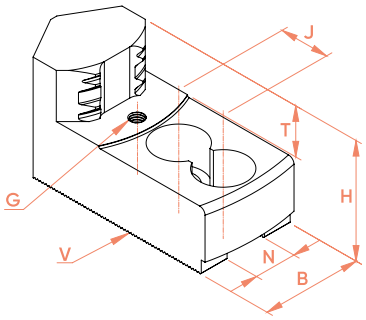
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	B-10	254	**KK25**	**227112**	II	23 – 62		291	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	41 – 81		291	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		78 – 121		290	2,7							
			LC13	**234012**		121 – 165		297	2,6							
			LC17	**234013**		164 – 209		297	2,6							
			LC20	**234029**		200 – 245		330	2,8							
			MC06	**235009**	IV		57 – 100	289	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			96 – 140	289	2,5							
			MC14	**235011**			137 – 181	288	2,3							
			MC18	**235012**			176 – 221	287	2,2							
Kitagawa	B-12	304	**KK32**	**227113**	II	27 – 86		354	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	46 – 114		355	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		102 – 174		355	3,5							
			LD17	**234016**		165 – 239		353	3,1							
			LD23	**234017**		228 – 302		402	3,5							
			MD08	**235013**	IV		74 – 145	354	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			134 – 207	354	3,0							
			MD20	**235015**			195 – 296	379	3,0							
Kitagawa	B-15	381	**LF05**	**234022**	III	50 – 108		433	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		99 – 162		433	8,3							
			LF16	**234034**		160 – 224		430	6,0							
			LF22	**234035**		220 – 285		428	5,6							
			LF28	**234026**		279 – 345		450	6,0							
			LF34	**234027**		339 – 390		508	7,8							
			MF10	**235021**	IV		100 – 162	433	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			160 – 224	429	7,1							
			MF22	**235023**			222 – 287	427	4,1							
			MF28	**235024**			280 – 345	427	4,1							
			MF34	**235025**			339 – 390	479	7,1							

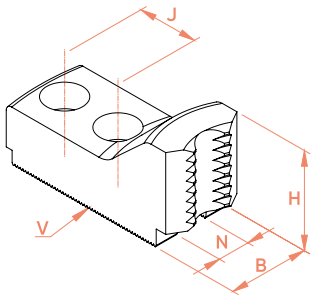
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

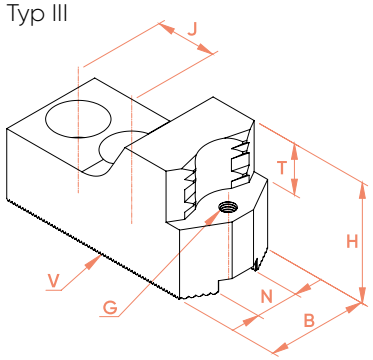
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	B-18	450	LF05	234022	III	50 – 170		495	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	234023		100 – 225		497	8,3							
			LF16	234034		160 – 288		495	6,0							
			LF22	234035		221 – 349		493	5,6							
			LF28	234026		280 – 409		515	6,0							
			LF34	234027		339 – 460		575	7,8							
			MF10	235021	IV		100 – 225	496	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	235022			160 – 288	494	7,1							
			MF22	235023			222 – 351	492	4,1							
			MF28	235024			279 – 409	492	4,1							
			MF34	235025			338 – 460	545	7,1							
Kitagawa	B-21	530	X6339	9906339	III	105 – 230		598	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X5596	9905596		174 – 301		581	7,5							
			X6395	9906395		233 – 361		595	7,8							
			X5597	9905597		347 – 476		605	7,2							
			X2797	9902797		372 – 501		618	7,5							
			X2798	9902798	IV		152 – 279	578	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	9902799			283 – 411	577	6,0							
Kitagawa	B-24	610	X5595	9905595	III	100 – 279		666	11,4	3,0mm x 60°	25	60	80	33	60	M8
			X5596	9905596		198 – 381		665	7,5							
			X5597	9905597		372 – 556		689	7,2							
			X5598	9905598		450 – 620		761	9,3							
			X2798	9902798	IV		176 – 358	661	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	9902799			307 – 491	661	6,0							
Kitagawa	B-204	110	LW03	234030	III	29 – 38		136	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		38 – 47		135	1,0							
			LW05	234032		48 – 57		139	1,0							
			LW06	234033		57 – 65		137	1,0							
			LW07	234036		62 – 71		137	1,1							
			LW08	234037		70 – 79		137	1,1							

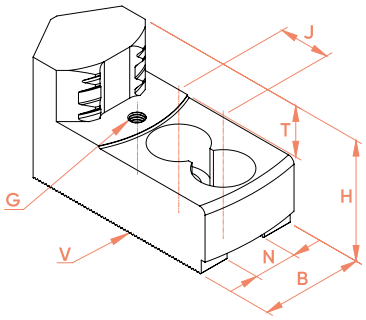
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Kitagawa	B-205	135	**LW03**	**234030**	III	34 – 60		160	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	**234031**		44 – 70		160	1,0							
			LW05	**234032**		53 – 79		162	1,0							
			LW06	**234033**		62 – 88		162	1,0							
			LW07	**234036**		68 – 94		162	1,1							
			LW08	**234037**		75 – 101		160	1,1							
Kitagawa	B-206	169	**KK16**	**227110**	II	13 – 33		208	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 47		212	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		37 – 67		215	1,4							
			LA06	**234003**		50 – 81		213	1,4							
			LA07	**234004**		64 – 96		213	1,4							
			LA09	**234005**		80 – 112		213	1,2							
			MA05	**235001**	IV		45 – 69	215	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			49 – 80	213	1,4							
			MA07	**235003**			68 – 99	212	1,3							
			MA09	**235004**			90 – 122	213	1,1							
Kitagawa	B-208	210	**KK20**	**227111**	II	16 – 45		249	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	31 – 68		247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		60 – 96		252	1,8							
			LB09	**234008**		87 – 125		250	1,7							
			LB12	**234009**		114 – 152		249	1,7							
			LB15	**234028**		147 – 186		279	1,8							
			MB06	**235005**	IV		50 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			78 – 115	251	1,8							
			MB11	**235007**			110 – 148	249	1,7							
			MB14	**235008**			139 – 178	257	1,7							

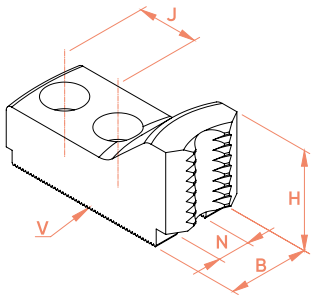
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

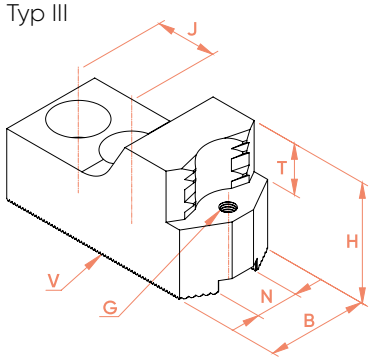
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	B-210	254	**KK25**	**227112**	II	25 – 65		294	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	44 – 85		295	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		82 – 125		293	2,7							
			LC13	**234012**		125 – 169		301	2,6							
			LC17	**234013**		168 – 212		300	2,6							
			LC20	**234029**		204 – 248		333	2,8							
			MC06	**235009**	IV		61 – 103	292	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			100 – 143	292	2,5							
			MC14	**235011**			140 – 185	291	2,3							
			MC18	**235012**			180 – 224	290	2,2							
Kitagawa	B-212	304	**KK40**	**227114**	II	27 – 88		356	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	48 – 112		357	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		102 – 168		357	3,4							
			LE16	**234020**		165 – 233		355	3,0							
			LE23	**234021**		232 – 300		405	3,4							
			ME08	**235017**	IV		78 – 145	355	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			142 – 209	355	3,0							
			ME20	**235019**			201 – 269	356	3,0							
Kitagawa	BB-06	170	**KK16**	**227110**	II	16 – 34		211	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	29 – 49		215	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		49 – 68		217	1,4							
			LA06	**234003**		62 – 82		216	1,4							
			LA07	**234004**		77 – 97		216	1,4							
			LA09	**234005**		93 – 113		216	1,2							
			MA05	**235001**	IV		50 – 70	217	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			61 – 81	216	1,4							
			MA07	**235003**			81 – 101	216	1,3							
			MA09	**235004**			103 – 123	216	1,1							
Kitagawa	BB-08	210	**KK20**	**227111**	II	22 – 45		249	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	44 – 68		247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		72 – 96		252	1,8							
			LB09	**234008**		101 – 125		250	1,7							
			LB12	**234009**		128 – 152		249	1,7							
			LB15	**234028**		161 – 186		279	1,8							

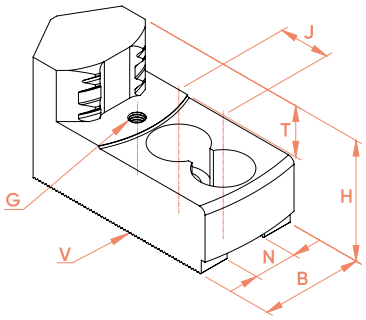
Typ II



Typ III



Typ IV



Futterher-steller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Kitagawa	BB-08	210	**MB06**	**235005**	IV		61 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			91 – 115	251	1,8							
			MB11	**235007**			124 – 148	249	1,7							
			MB14	**235008**			153 – 178	257	1,7							
Kitagawa	BB-10	254	**KK25**	**227112**	II	26 – 68		296	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	45 – 87		297	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		83 – 127		295	2,7							
			LC13	**234012**		126 – 172		304	2,6							
			LC17	**234013**		169 – 215		303	2,6							
			LC20	**234029**		205 – 251		336	2,8							
			MC06	**235009**	IV		62 – 106	295	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			101 – 146	295	2,5							
			MC14	**235011**			141 – 187	293	2,3							
			MC18	**235012**			181 – 227	293	2,2							
Kitagawa	BB-206	170	**KK16**	**227110**	II	16 – 35		211	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	30 – 49		215	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		49 – 69		218	1,4							
			LA06	**234003**		63 – 83		217	1,4							
			LA07	**234004**		77 – 98		217	1,4							
			LA09	**234005**		94 – 114		217	1,2							
			MA05	**235001**	IV		51 – 71	218	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			62 – 82	217	1,4							
			MA07	**235003**			81 – 102	217	1,3							
			MA09	**235004**			103 – 124	217	1,1							
Kitagawa	BB-208	210	**KK20**	**227111**	II	24 – 49		253	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	46 – 73		251	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		73 – 101		257	1,8							
			LB09	**234008**		101 – 130		255	1,7							
			LB12	**234009**		130 – 157		253	1,7							
			LB15	**234028**		164 – 187		280	1,8							

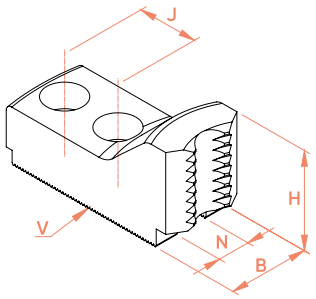
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

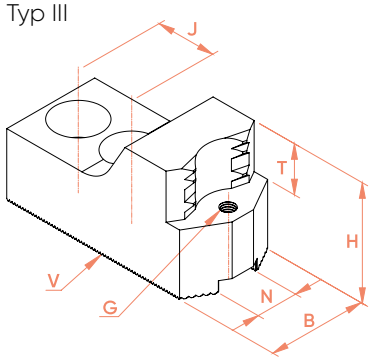
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	BB-208	210	**MB06**	**235005**	IV		63 – 92	257	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			92 – 125	260	1,8							
			MB11	**235007**			125 – 154	254	1,7							
			MB14	**235008**			154 – 183	262	1,7							
Kitagawa	BB-210	254	**KK25**	**227112**	II	33 – 72		300	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	52 – 91		301	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		73 – 107		296	2,9							
			LC08	**234011**		91 – 133		301	2,7							
			LC10	**230025**		114 – 149		294	2,7							
			LC13	**234012**		133 – 177		309	2,6							
			LC17	**234013**		177 – 219		306	2,6							
			LC20	**234029**		212 – 254		339	2,8							
			MC06	**235009**	IV		70 – 110	299	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			109 – 150	299	2,5							
			MC14	**235011**			150 – 192	298	2,3							
			MC18	**235012**			190 – 231	297	2,2							
Kitagawa	BB-212	315	**KK40**	**227114**	II	42 – 103		370	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	65 – 127		371	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		120 – 183		371	3,4							
			LE16	**234020**		183 – 250		371	3,0							
			LE23	**234021**		250 – 316		420	3,4							
			ME08	**235017**	IV		97 – 160	369	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			160 – 224	370	3,0							
			ME20	**235019**			219 – 284	370	3,0							
			ME26	**235020**			281 – 320	420	3,2							
Kitagawa	BB-218	450	**LF05**	**234022**	III	105 – 175		500	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		159 – 229		500	8,3							
			LF16	**234034**		222 – 293		500	6,0							
			LF22	**234035**		283 – 354		498	5,6							
			LF28	**234026**		342 – 414		520	6,0							
			LF34	**234027**		402 – 460		578	7,8							

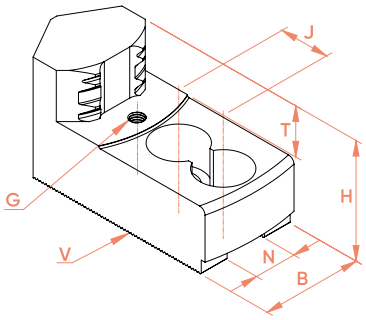
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	BB-218	450	**MF10**	**235021**	IV		159 – 230	501	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			222 – 293	499	7,1							
			MF22	**235023**			285 – 356	497	4,1							
			MF28	**235024**			342 – 414	497	4,1							
			MF34	**235025**			402 – 460	550	7,1							
Kitagawa	BL-206	169	**KK16**	**227110**	II	14 – 30		205	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	27 – 45		210	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		42 – 64		212	1,4							
			LA06	**234003**		56 – 78		211	1,4							
			LA07	**234004**		70 – 93		210	1,4							
			LA09	**234005**		86 – 109		211	1,2							
			MA05	**235001**	IV		46 – 66	212	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			55 – 77	211	1,4							
			MA07	**235003**			74 – 97	210	1,3							
			MA09	**235004**			96 – 119	210	1,1							
Kitagawa	BL-208	215	**KK20**	**227111**	II	24 – 52		256	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	46 – 76		254	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		74 – 103		258	1,8							
			LB09	**234008**		102 – 132		257	1,7							
			LB12	**234009**		130 – 160		256	1,7							
			LB15	**234028**		169 – 187		280	1,8							
			MB06	**235005**	IV		63 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			93 – 125	260	1,8							
			MB11	**235007**			125 – 156	256	1,7							
			MB14	**235008**			155 – 186	265	1,7							
Kitagawa	BL-210	254	**KK25**	**227112**	II	27 – 70		298	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	47 – 89		299	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		84 – 130		298	2,7							
			LC13	**234012**		128 – 174		306	2,6							
			LC17	**234013**		171 – 217		305	2,6							
			LC20	**234029**		205 – 252		337	2,8							

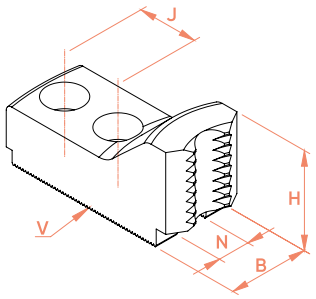
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

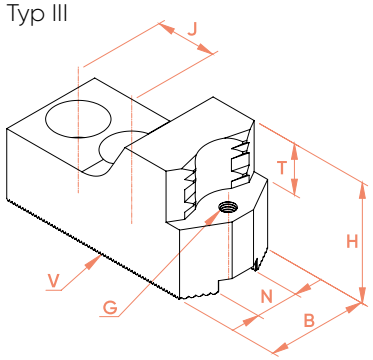
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	BL-210	254	MC06	235009	IV		63 – 108	297	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			102 – 148	297	2,5							
			MC14	235011			143 – 190	296	2,3							
			MC18	235012			183 – 229	295	2,2							
Kitagawa	BL-212	304	KK40	227114	II	32 – 97		364	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	54 – 121		365	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		109 – 177		366	3,4							
			LE16	234020		172 – 242		364	3,0							
			LE23	234021		239 – 310		414	3,4							
			ME08	235017	IV		85 – 154	364	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			149 – 218	364	3,0							
			ME20	235019			208 – 278	364	3,0							
			ME26	235020			269 – 310	414	3,2							
Kitagawa	ML-06	165	KK16	227110	II	32 – 41		215	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	47 – 55		219	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		66 – 75		222	1,4							
			LA06	234003		80 – 89		221	1,4							
			LA07	234004		95 – 104		220	1,4							
			LA09	234005		111 – 120		221	1,2							
			MA05	235001	IV		68 – 76	221	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			79 – 88	221	1,4							
			MA07	235003			99 – 108	220	1,3							
			MA09	235004			121 – 130	220	1,1							
Kitagawa	ML-08	210	KK20	227111	II	41 – 52		256	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	64 – 76		254	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		92 – 104		259	1,8							
			LB09	234008		121 – 133		258	1,7							
			LB12	234009		148 – 160		256	1,7							
			LB15	234028		182 – 194		286	1,8							
			MB06	235005	IV		81 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			111 – 123	258	1,8							
			MB11	235007			144 – 156	256	1,7							
			MB14	235008			174 – 186	265	1,7							

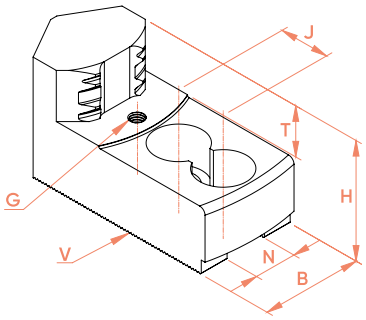
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	N-04	110	LW03	234030	III	32 – 38		136	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		41 – 47		135	1,0							
			LW05	234032		51 – 57		139	1,0							
			LW06	234033		60 – 65		137	1,0							
			LW07	234036		65 – 71		137	1,1							
			LW08	234037		73 – 79		137	1,1							
Kitagawa	N-05	135	LW03	234030	III	42 – 51		148	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		52 – 61		148	1,0							
			LW05	234032		62 – 70		150	1,0							
			LW06	234033		70 – 79		150	1,0							
			LW07	234036		76 – 85		149	1,1							
			LW08	234037		84 – 93		149	1,1							
Kitagawa	N-06	165	KK16	227110	II	13 – 31		206	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	26 – 46		211	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		45 – 65		213	1,4							
			LA06	234003		59 – 79		212	1,4							
			LA07	234004		73 – 94		211	1,4							
			LA09	234005		90 – 110		212	1,2							
			MA05	235001	IV		47 – 67	213	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			58 – 78	212	1,4							
			MA07	235003			77 – 98	211	1,3							
			MA09	235004			99 – 120	211	1,1							
Kitagawa	N-08	210	KK20	227111	II	20 – 44		248	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	42 – 68		247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		70 – 95		251	1,8							
			LB09	234008		98 – 124		249	1,7							
			LB12	234009		125 – 152		249	1,7							
			LB15	234028		159 – 185		278	1,8							
			MB06	235005	IV		59 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			89 – 115	251	1,8							
			MB11	235007			121 – 148	249	1,7							
			MB14	235008			151 – 177	256	1,7							

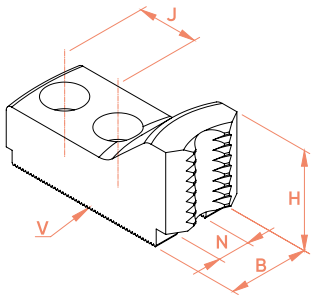
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

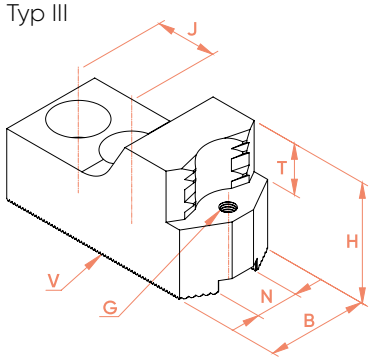
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	N-10	254	**KK25**	**227112**	II	23 – 71		299	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	42 – 91		301	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		79 – 131		299	2,7							
			LC13	**234012**		122 – 175		307	2,6							
			LC17	**234013**		165 – 219		306	2,6							
			LC20	**234029**		201 – 254		339	2,8							
			MC06	**235009**	IV		58 – 109	298	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			97 – 149	298	2,5							
			MC14	**235011**			138 – 191	297	2,3							
			MC18	**235012**			177 – 231	297	2,2							
Kitagawa	N-12	304	**KK32**	**227113**	II	27 – 89		357	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	51 – 117		358	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		107 – 177		358	3,5							
			LD17	**234016**		171 – 241		355	3,1							
			LD23	**234017**		234 – 305		405	3,5							
			MD08	**235013**	IV		51 – 117	327	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			107 – 177	325	3,0							
			MD20	**235015**			171 – 241	326	3,0							
Kitagawa	N-15	381	**LF05**	**234022**	III	56 – 103		429	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		107 – 157		429	8,3							
			LF16	**234034**		167 – 220		426	6,0							
			LF22	**234035**		228 – 281		424	5,6							
			LF28	**234026**		287 – 340		445	6,0							
			LF34	**234027**		347 – 390		504	7,8							
			MF10	**235021**	IV		107 – 157	428	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			167 – 220	425	7,1							
			MF22	**235023**			230 – 283	424	4,1							
			MF28	**235024**			287 – 340	422	4,1							
Kitagawa	N-18	450	**LF05**	**234022**	III	56 – 103		432	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		107 – 157		433	8,3							
			LF16	**234034**		167 – 220		430	6,0							
			LF22	**234035**		228 – 281		428	5,6							
			LF28	**234026**		287 – 340		449	6,0							
			LF34	**234027**		347 – 400		508	7,8							

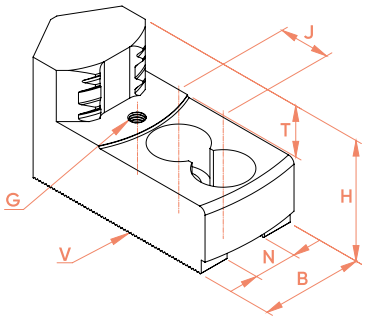
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Kitagawa	N-18	450	**MF10**	**235021**	IV		107 – 157	432	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			167 – 220	429	7,1							
			MF22	**235023**			230 – 283	427	4,1							
			MF28	**235024**			287 – 340	426	4,1							
			MF34	**235025**			347 – 400	479	7,1							
Kitagawa	N-21	530	**X6339**	**9906339**	III	91 – 217		585	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		217 – 348		582	7,8							
			X5597	**9905597**		332 – 463		592	7,2							
			X2797	**9902797**		356 – 487		604	7,5							
			X2798	**9902798**	IV		137 – 265	565	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			267 – 398	565	6,0							
Kitagawa	N-24	610	**X6339**	**9906339**	III	164 – 293		665	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		294 – 425		663	7,8							
			X5597	**9905597**		409 – 540		674	7,2							
			X2797	**9902797**		433 – 565		686	7,5							
			X5598	**9905598**		487 – 618		745	9,3							
			X2798	**9902798**	IV		212 – 342	645	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			344 – 475	645	6,0							
mmk Matsumoto	ZA5-5-34	135	**LW03**	**234030**	III	43 – 61		161	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	**234031**		53 – 71		161	1,0							
			LW05	**234032**		62 – 80		163	1,0							
			LW06	**234033**		71 – 89		163	1,0							
			LW07	**234036**		77 – 95		162	1,1							
			LW08	**234037**		85 – 102		161	1,1							
mmk Matsumoto	ZA5-6-46	135	**LW03**	**234030**	III	46 – 58		158	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	**234031**		56 – 67		157	1,0							
			LW05	**234032**		66 – 77		160	1,0							
			LW06	**234033**		74 – 86		160	1,0							
			LW07	**234036**		80 – 91		159	1,1							
			LW08	**234037**		88 – 99		159	1,1							

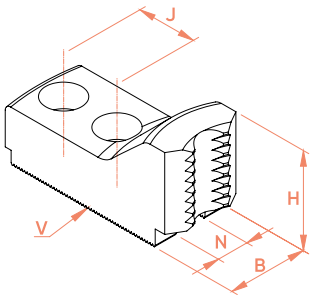
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

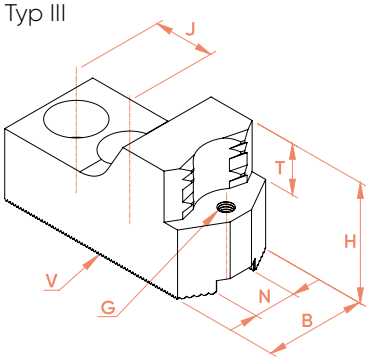
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
mmk Matsumoto	ZA6-8-52	210	**KK20**	**227111**	II	16 – 45		249	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	32 – 68		247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		61 – 96		252	1,8							
			LB09	**234008**		88 – 125		250	1,7							
			LB12	**234009**		115 – 152		249	1,7							
			MB06	**235005**	IV		51 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			79 – 115	251	1,8							
			MB11	**235007**			111 – 148	249	1,7							
			MB14	**235008**			141 – 178	257	1,7							
mmk Matsumoto	ZA6-8-66B	215	**KK20**	**227111**	II	23 – 58		261	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	45 – 82		260	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		73 – 109		264	1,8							
			LB09	**234008**		102 – 139		263	1,7							
			LB12	**234009**		129 – 166		262	1,7							
			MB06	**235005**	IV		63 – 99	263	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			92 – 129	263	1,8							
			MB11	**235007**			125 – 162	262	1,7							
			MB14	**235008**			154 – 192	270	1,7							
mmk Matsumoto	ZA6-10-75	254	**KK25**	**227112**	II	25 – 66		295	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	44 – 85		295	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		82 – 125		293	2,7							
			LC13	**234012**		125 – 170		302	2,6							
			LC17	**234013**		168 – 213		301	2,6							
			LC20	**234029**		204 – 249		334	2,8							
			MC06	**235009**	IV		61 – 104	293	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			100 – 144	293	2,5							
			MC14	**235011**			141 – 185	291	2,3							
			MC18	**235012**			180 – 225	291	2,2							
mmk Matsumoto	ZA6-10-78	254	**KK25**	**227112**	II	28 – 69		297	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	47 – 88		298	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		85 – 128		296	2,7							
			LC13	**234012**		128 – 173		305	2,6							
			LC17	**234013**		171 – 216		304	2,6							
			LC20	**234029**		207 – 252		337	2,8							

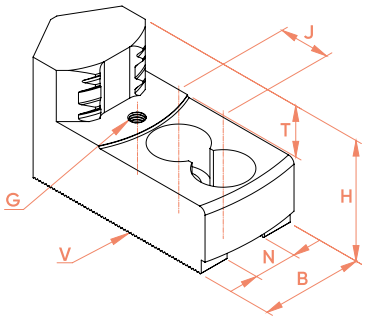
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
mmk Matsumoto	ZA6-10-78	254	**MC06**	**235009**	IV		64 – 107	296	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			103 – 147	296	2,5							
			MC14	**235011**			144 – 188	294	2,3							
			MC18	**235012**			183 – 228	294	2,2							
mmk Matsumoto	ZA8-10-66	254	**KK25**	**227112**	II	25 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	43 – 82		292	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		81 – 123		291	2,7							
			LC13	**234012**		123 – 167		299	2,6							
			LC17	**234013**		167 – 210		298	2,6							
			MC06	**235009**	IV		60 – 101	290	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			99 – 141	290	2,5							
			MC14	**235011**			140 – 182	288	2,3							
			MC18	**235012**			179 – 222	288	2,2							
mmk Matsumoto	ZA8-10-75	254	**KK25**	**227112**	II	25 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	43 – 82		292	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		81 – 123		291	2,7							
			LC13	**234012**		123 – 166		298	2,6							
			LC17	**234013**		166 – 210		298	2,6							
			MC06	**235009**	IV		60 – 101	290	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			99 – 141	290	2,5							
			MC14	**235011**			140 – 182	288	2,3							
			MC18	**235012**			179 – 222	288	2,2							
mmk Matsumoto	ZA8-10-80B	254	**KK25**	**227112**	II	28 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	48 – 85		295	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		85 – 128		296	2,7							
			LC13	**234012**		128 – 171		303	2,6							
			LC17	**234013**		171 – 212		300	2,6							

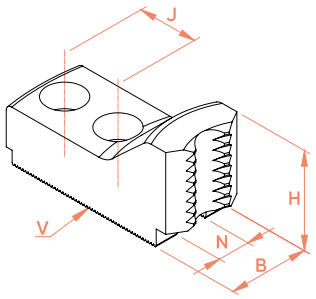
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

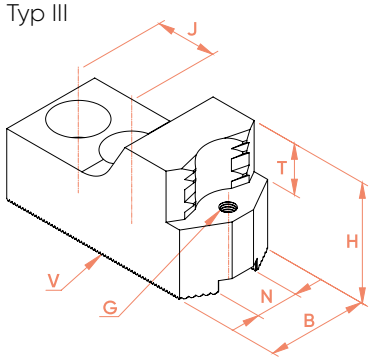
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
mmk Matsumoto	ZA8-10-80B	254	MC06	235009	IV		64 – 103	292	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			103 – 144	293	2,5							
			MC14	235011			144 – 183	289	2,3							
			MC18	235012			183 – 223	289	2,2							
mmk Matsumoto	ZA8-12-85	305	KK32	227113	II	33 – 64		334	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	234014	III	60 – 92		335	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	234015		118 – 151		334	3,5							
			LD17	234016		182 – 216		331	3,1							
			LD23	234017		245 – 279		380	3,5							
			MD08	235013	IV		89 – 123	333	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	235014			150 – 185	333	3,0							
			MD20	235015			211 – 246	331	3,0							
			MD26	235016			269 – 303	382	3,2							
mmk Matsumoto	ZA8-12-93B	305	KK32	227113	II	41 – 73		342	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	234014	III	69 – 102		344	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	234015		127 – 161		343	3,5							
			LD17	234016		192 – 226		341	3,1							
			LD23	234017		255 – 289		389	3,5							
			MD08	235013	IV		99 – 133	342	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	235014			160 – 194	341	3,0							
			MD20	235015			221 – 256	341	3,0							
			MD26	235016			278 – 310	391	3,2							
Röhm	KFD-HE 110	110	LW03	234030	III	30 – 35		134	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		39 – 45		133	1,0							
			LW05	234032		49 – 54		136	1,0							
			LW06	234033		57 – 63		135	1,0							
			LW07	234036		63 – 69		135	1,1							
			LW08	234037		71 – 76		134	1,1							
Röhm	KFD-HE 130	130	LW03	234030	III	36 – 54		154	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		46 – 64		154	1,0							
			LW05	234032		55 – 73		157	1,0							
			LW06	234033		64 – 82		156	1,0							
			LW07	234036		70 – 88		156	1,1							
			LW08	234037		77 – 96		156	1,1							

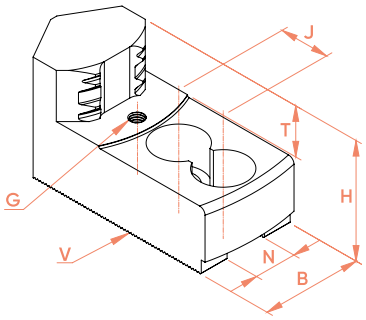
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Röhm	KFD-HE 170	170	**KK16**	**227110**	II	13 – 31		208	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 46		213	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		41 – 65		215	1,4							
			LA06	**234003**		55 – 79		213	1,4							
			LA07	**234004**		69 – 94		213	1,4							
			LA09	**234005**		85 – 110		213	1,2							
			MA05	**235001**	IV		45 – 67	215	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			54 – 78	213	1,4							
			MA07	**235003**			73 – 98	213	1,3							
			MA09	**235004**			95 – 120	213	1,1							
Röhm	KFD-HE 210	210	**KK20**	**227111**	II	16 – 46		250	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	34 – 69		248	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		62 – 97		253	1,8							
			LB09	**234008**		90 – 126		251	1,7							
			LB12	**234009**		117 – 153		250	1,7							
			LB15	**234028**		150 – 187		280	1,8							
			MB06	**235005**	IV		52 – 86	251	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			81 – 116	251	1,8							
			MB11	**235007**			113 – 149	250	1,7							
			MB14	**235008**			142 – 179	258	1,7							
Röhm	KFD-HE 254	254	**KK25**	**227112**	II	26 – 66		295	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	45 – 86		296	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		83 – 126		294	2,7							
			LC13	**234012**		126 – 170		302	2,6							
			LC17	**234013**		169 – 214		302	2,6							
			LC20	**234029**		205 – 249		334	2,8							
			MC06	**235009**	IV		62 – 105	294	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			101 – 145	294	2,5							
			MC14	**235011**			142 – 186	292	2,3							
			MC18	**235012**			181 – 226	292	2,2							

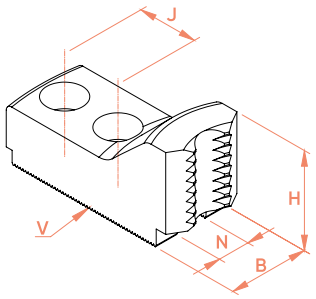
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

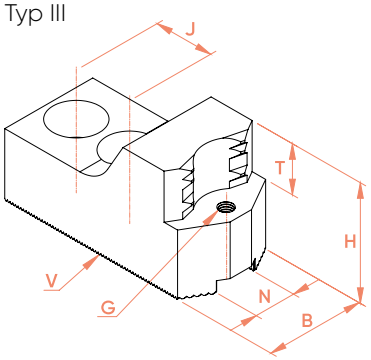
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Röhm	KFD-HE 315-91	315	KK40	227114	II	27 – 100		367	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	48 – 124		368	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		102 – 180		368	3,4							
			LE16	234020		165 – 245		367	3,0							
			LE23	234021		230 – 310		414	3,4							
			ME08	235017	IV		78 – 157	366	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			142 – 221	367	3,0							
			ME20	235019			201 – 281	367	3,0							
Röhm	KFD-HE 315-121	315	KK40	227114	II	53 – 100		367	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	77 – 124		368	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		133 – 180		368	3,4							
			LE16	234020		197 – 245		367	3,0							
			LE23	234021		262 – 311		415	3,4							
			ME08	235017	IV		109 – 157	366	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			173 – 222	368	3,0							
			ME20	235019			233 – 281	367	3,0							
Samchully	HC-04	110	LW03	234030	III	32 – 38		136	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		41 – 47		135	1,0							
			LW05	234032		51 – 57		139	1,0							
			LW06	234033		60 – 65		137	1,0							
			LW07	234036		65 – 71		137	1,1							
			LW08	234037		73 – 79		137	1,1							
Samchully	HC-05	135	LW03	234030	III	42 – 51		152	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW04	234031		52 – 61		151	1,0							
			LW05	234032		62 – 70		154	1,0							
			LW06	234033		70 – 79		153	1,0							
			LW07	234036		76 – 85		153	1,1							
			LW08	234037		84 – 93		153	1,1							
Samchully	HC-06	165	KK16	227110	II	14 – 23		199	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 38		204	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		46 – 57		206	1,4							
			LA06	234003		60 – 71		204	1,4							
			LA07	234004		74 – 85		203	1,4							
			LA09	234005		90 – 102		204	1,2							

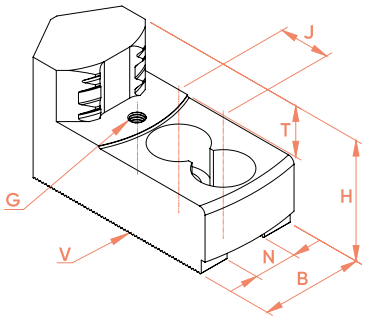
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Samchully	HC-06	165	**MA05**	**235001**	IV		48 – 59	206	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			59 – 70	204	1,4							
			MA07	**235003**			78 – 89	203	1,3							
			MA09	**235004**			100 – 112	204	1,1	1,5mm x 60°	12	40	49	20	20	M6
Samchully	HC-08	210	**KK20**	**227111**	II	24 – 44		248	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	47 – 67		246	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		75 – 95		251	1,8							
			LB09	**234008**		104 – 124		249	1,7							
			LB12	**234009**		131 – 151		248	1,7							
			LB15	**234028**		164 – 185		278	1,8							
			MB06	**235005**	IV		64 – 84	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			94 – 114	250	1,8							
			MB11	**235007**			127 – 147	248	1,7							
			MB14	**235008**			156 – 177	256	1,7							
Samchully	HC-10	254	**KK25**	**227112**	II	24 – 58		287	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	43 – 78		289	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		80 – 118		287	2,7							
			LC13	**234012**		124 – 162		295	2,6							
			LC17	**234013**		167 – 205		293	2,6							
			MC06	**235009**	IV		59 – 96	285	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			98 – 136	285	2,5							
			MC14	**235011**			139 – 178	285	2,3							
			MC18	**235012**			179 – 217	283	2,2							
Samchully	HC-12	304	**KK32**	**227113**	II	28 – 92		360	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	53 – 120		361	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		110 – 180		361	3,5							
			LD17	**234016**		174 – 245		359	3,1							
			LD23	**234017**		237 – 308		408	3,5							
			MD08	**235013**	IV		82 – 151	359	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			143 – 213	359	3,0							
			MD20	**235015**			203 – 275	359	3,0							
			MD26	**235016**			261 – 320	409	3,2							

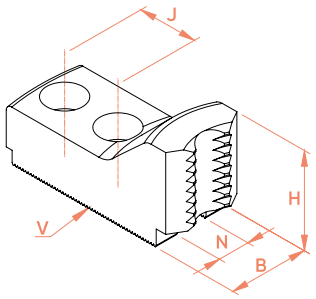
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

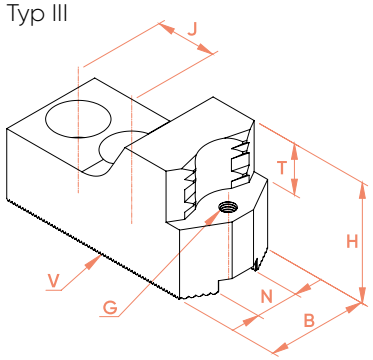
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Samchully	HC-15	381	**LF05**	**234022**	III	55 – 100		426	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		106 – 154		426	8,3							
			LF16	**234034**		167 – 217		423	6,0							
			LF22	**234035**		227 – 278		422	5,6							
			LF28	**234026**		287 – 337		442	6,0							
			LF34	**234027**		346 – 390		501	7,8							
			MF10	**235021**	IV		106 – 154	425	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			167 – 217	423	7,1							
			MF22	**235023**			229 – 280	421	4,1							
			MF28	**235024**			287 – 337	419	4,1							
			MF34	**235025**			346 – 390	472	7,1							
Samchully	HC-18	450	**LF05**	**234022**	III	110 – 159		485	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		164 – 214		486	8,3							
			LF16	**234034**		226 – 277		484	6,0							
			LF22	**234035**		288 – 338		483	5,6							
			LF28	**234026**		347 – 398		505	6,0							
			LF34	**234027**		407 – 457		563	7,8							
			MF10	**235021**	IV		164 – 214	485	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			227 – 277	483	7,1							
			MF22	**235023**			290 – 340	482	4,1							
			MF28	**235024**			347 – 398	481	4,1							
			MF34	**235025**			407 – 457	534	7,1							
Samchully	HC-21	530	**X6339**	**9906339**	III	91 – 217		585	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		217 – 348		582	7,8							
			X5597	**9905597**		332 – 463		592	7,2							
			X2797	**9902797**		356 – 487		604	7,5							
			X2798	**9902798**	IV		137 – 265	565	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			267 – 398	565	6,0							
Samchully	HC-24	610	**X6339**	**9906339**	III	164 – 293		665	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		294 – 425		663	7,8							
			X5597	**9905597**		409 – 540		674	7,2							
			X2797	**9902797**		433 – 565		686	7,5							
			X5598	**9905598**		487 – 618		745	9,3							
			X2798	**9902798**	IV		212 – 342	645	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			344 – 475	645	6,0							

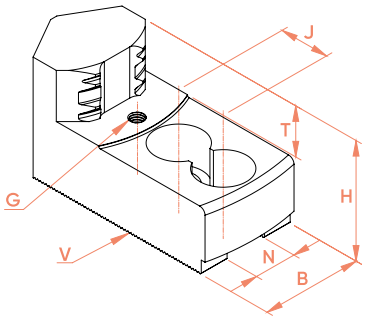
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Samchully	HCH-06	165	**KK16**	**227110**	II	14 – 28		203	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	27 – 42		207	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		35 – 61		209	1,4							
			LA06	**234003**		50 – 75		208	1,4							
			LA07	**234004**		64 – 90		208	1,4							
			LA09	**234005**		78 – 106		208	1,2							
			MA05	**235001**	IV		46 – 63	209	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			47 – 74	208	1,4							
			MA07	**235003**			68 – 94	207	1,3							
			MA09	**235004**			88 – 161	249	1,1							
Samchully	HCH-08	210	**KK20**	**227111**	II	16 – 41		245	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	31 – 64		243	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		60 – 92		248	1,8							
			LB09	**234008**		87 – 121		247	1,7							
			LB12	**234009**		114 – 148		245	1,7							
			LB15	**234028**		147 – 182		275	1,8							
			MB06	**235005**	IV		51 – 81	247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			78 – 111	247	1,8							
			MB11	**235007**			110 – 144	245	1,7							
			MB14	**235008**			140 – 174	253	1,7							
Samchully	HCH-10	254	**KK25**	**227112**	II	25 – 58		287	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	44 – 81		291	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		81 – 123		291	2,7							
			LC13	**234012**		123 – 166		298	2,6							
			LC17	**234013**		166 – 206		294	2,6							
			LC20	**234029**		203 – 245		330	2,8							
			MC06	**235009**	IV		61 – 97	286	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			100 – 136	285	2,5							
			MC14	**235011**			140 – 178	285	2,3							
			MC18	**235012**			180 – 217	283	2,2							

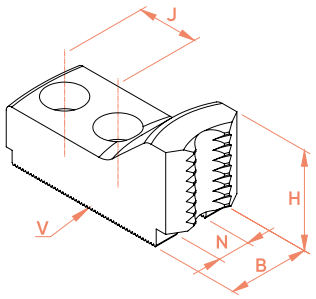
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

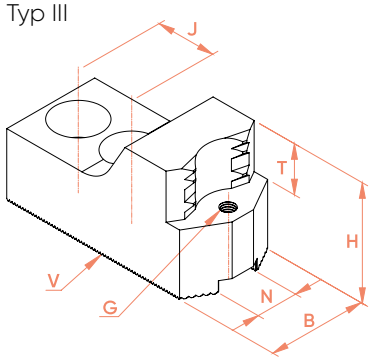
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Samchully	HCH-12	304	**KK32**	**227113**	II	27 – 86		354	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	49 – 114		355	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		105 – 173		354	3,5							
			LD17	**234016**		169 – 238		352	3,1							
			LD23	**234017**		231 – 302		402	3,5							
			MD08	**235013**	IV		77 – 145	354	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			138 – 207	354	3,0							
			MD20	**235015**			198 – 268	352	3,0							
			MD26	**235016**			254 – 320	404	3,2							
Samchully	HCH-15	381	**LF05**	**234022**	III	57 – 107		432	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		107 – 170		441	8,3							
			LF16	**234034**		167 – 233		439	6,0							
			LF22	**234035**		228 – 295		438	5,6							
			LF28	**234026**		287 – 354		459	6,0							
			LF34	**234027**		346 – 390		504	7,8							
			MF10	**235021**	IV		108 – 166	436	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			166 – 233	438	7,1							
			MF22	**235023**			230 – 298	438	4,1							
			MF28	**235024**			287 – 344	426	4,1							
			MF34	**235025**			344 – 390	475	7,1							
Samchully	HCH-18	450	**LF05**	**234022**	III	57 – 168		493	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		108 – 223		495	8,3							
			LF16	**234034**		169 – 286		493	6,0							
			LF22	**234035**	III	230 – 347		491	5,6	1,5mm x 60°	22	60	79	33	43	M8
			LF28	**234026**		289 – 407		513	6,0							
			LF34	**234027**		348 – 460		573	7,8							
			MF10	**235021**	IV		108 – 223	494	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			169 – 286	492	7,1							
			MF22	**235023**			232 – 349	491	4,1							
			MF28	**235024**			289 – 407	490	4,1							
			MF34	**235025**			348 – 460	543	7,1							

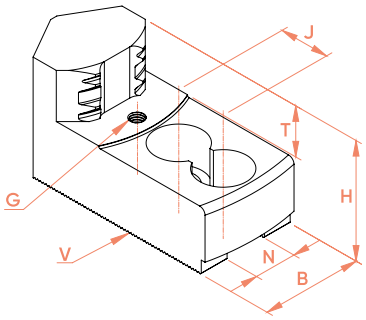
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Samchully	HCH-21	530	**X6339**	**9906339**	III	105 – 232		600	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X6395	**9906395**		233 – 363		597	7,8							
			X5597	**9905597**		347 – 478		607	7,2							
			X2797	**9902797**		372 – 503		620	7,5							
			X2798	**9902798**	IV		152 – 280	579	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			282 – 413	579	6,0							
Samchully	HCH-24	610	**X5595**	**9905595**	III	95 – 280		667	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X5596	**9905596**		192 – 382		666	7,5							
			X5597	**9905597**		366 – 557		690	7,2							
			X5598	**9905598**		444 – 630		762	9,3							
			X2798	**9902798**	IV		170 – 359	662	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			301 – 492	662	6,0							
Samchully	HH-206 MH-206	175	**KK16**	**227110**	II	19 – 40		216	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	33 – 55		221	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		52 – 74		223	1,4							
			LA06	**234003**		66 – 89		222	1,4							
			LA07	**234004**		81 – 103		221	1,4							
			LA09	**234005**		97 – 119		222	1,2							
			MA05	**235001**	IV		54 – 75	222	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			65 – 86	221	1,4							
			MA07	**235003**			84 – 106	220	1,3							
			MA09	**235004**			107 – 128	221	1,1							
Samchully	HH-208 MH-208	210	**KK20**	**227111**	II	25 – 46		250	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	47 – 74		252	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		74 – 103		258	1,8							
			LB09	**234008**		103 – 130		255	1,7							
			LB12	**234009**		130 – 154		251	1,7							
			LB15	**234028**		164 – 187		280	1,8							

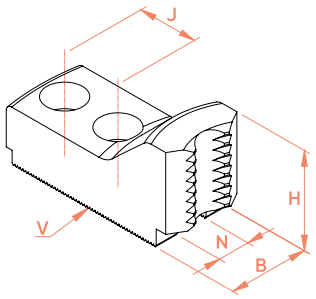
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

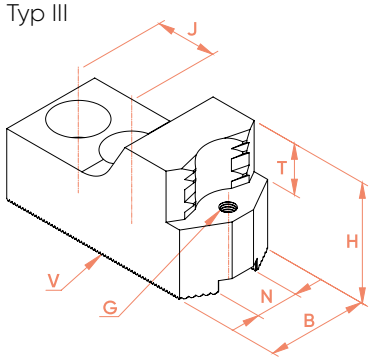
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Samchully	HH-208 MH-208	210	**MB06**	**235005**	IV		64 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			93 – 123	258	1,8							
			MB11	**235007**			126 – 155	255	1,7							
			MB14	**235008**			155 – 179	258	1,7							
Samchully	HH-210 MH-210	254	**KK25**	**227112**	II	34 – 67		295	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	54 – 87		297	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		74 – 108		297	2,9							
			LC08	**234011**		92 – 127		295	2,7							
			LC10	**230025**		115 – 150		295	2,7							
			LC13	**234012**		136 – 171		303	2,6							
			LC17	**234013**		179 – 215		303	2,6							
			LC20	**234029**		215 – 251		336	2,8							
			MC06	**235009**	IV		71 – 108	297	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			108 – 149	298	2,5							
			MC14	**235011**			149 – 190	296	2,3							
			MC18	**235012**			190 – 226	292	2,2							
Samchully	HH-212 MH-212	315	**KK40**	**227114**	II	43 – 98		365	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	66 – 122		366	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		121 – 184		372	3,4							
			LE16	**234020**		184 – 251		372	3,0							
			LE23	**234021**		251 – 310		414	3,4							
			ME08	**235017**	IV		97 – 160	369	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			160 – 219	365	3,0							
			ME20	**235019**			219 – 281	367	3,0							
			ME26	**235020**			281 – 320	415	3,2							
Samchully	HH-221 MH-221	530	**X5595**	**9905595**	III	102 – 199		583	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X5596	**9905596**		199 – 300		580	7,5							
			X6395	**9906395**		259 – 360		594	7,8							
			X5597	**9905597**		373 – 475		604	7,2							
			X2797	**9902797**		398 – 499		616	7,5							
			X2798	**9902798**	IV		177 – 277	576	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			309 – 410	576	6,0							

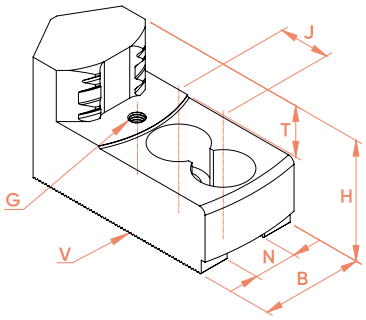
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Samchully	HH-224 MH-224	610	**X5595**	**9905595**	III	116 – 279		666	11,4	3,0mm x 60°	25	60	79	33	60	M8
			X5596	**9905596**		215 – 381		665	7,5							
			X6395	**9906395**		274 – 441		679	7,8							
			X5597	**9905597**		389 – 556		689	7,2							
			X5598	**9905598**		466 – 620		761	9,3							
			X2798	**9902798**	IV		192 – 358	661	9,9	3,0mm x 60°	25	60	79	33	60	M8
			X2799	**9902799**			324 – 491	661	6,0							
Samchully	HS-05	135	**LW03**	**234030**	III	38 – 60		160	1,0	1,5mm x 60°	10	25	34	15	14	M6
			LW05	**234032**		57 – 79		162	1,0							
			LW08	**234037**		79 – 102		161	1,1							
Samchully	HS-06	169	**KK16**	**227110**	II	14 – 29		204	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	27 – 44		209	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		40 – 63		211	1,4							
			LA06	**234003**		54 – 77		210	1,4							
			LA07	**234004**		68 – 92		209	1,4							
			LA09	**234005**		84 – 108		210	1,2							
			MA05	**235001**	IV		45 – 65	211	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			52 – 76	210	1,4							
			MA07	**235003**			70 – 96	209	1,3							
			MA09	**235004**			93 – 118	210	1,1							
Samchully	HS-08	210	**KK20**	**227111**	II	18 – 44		248	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	39 – 68		247	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		68 – 96		252	1,8							
			LB09	**234008**		96 – 124		249	1,7							
			LB12	**234009**		123 – 151		248	1,7							
			LB15	**234028**		156 – 185		278	1,8							
			MB06	**235005**	IV		56 – 85	250	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			85 – 118	253	1,8							
			MB11	**235007**			118 – 148	249	1,7							
			MB14	**235008**			147 – 177	256	1,7							

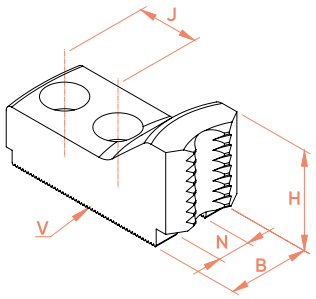
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

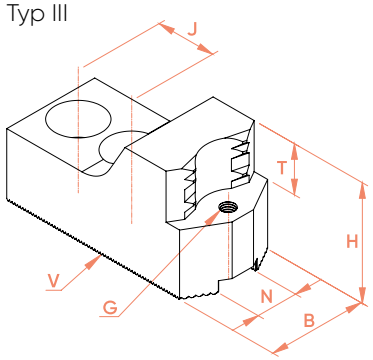
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Samchully	HS-10	254	KK25	227112	II	29 – 64		293	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	48 – 85		295	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	234011		85 – 129		297	2,7							
			LC13	234012		129 – 172		304	2,6							
			LC17	234013		172 – 211		299	2,6							
			LC20	234029		208 – 247		332	2,8							
			MC06	235009	IV		64 – 103	292	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			103 – 144	293	2,5							
			MC14	235011			144 – 184	290	2,3							
			MC18	235012			184 – 224	290	2,2							
Samchully	HS-12	304	KK40	227114	II	33 – 87		355	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	55 – 111		356	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		110 – 172		361	3,4							
			LE16	234020		172 – 239		361	3,0							
			LE23	234021		239 – 299		404	3,4							
			ME08	235017	IV		85 – 149	359	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			149 – 208	355	3,0							
			ME20	235019			207 – 269	356	3,0							
			ME26	235020			269 – 310	406	3,2							
Schunk	ROTA NC 165	165	KK16	227110	II	14 – 40		214	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 54		218	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		44 – 73		220	1,4							
			LA06	234003		57 – 88		220	1,4							
			LA07	234004		71 – 102		218	1,4							
			LA09	234005		88 – 119		220	1,2							
			MA05	235001	IV		45 – 74	219	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			55 – 86	219	1,4							
			MA07	235003			74 – 105	217	1,3							
			MA09	235004			96 – 128	219	1,1							

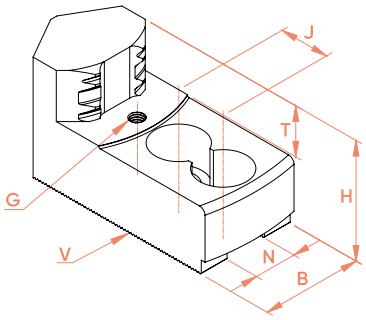
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NC 210	210	**KK20**	**227111**	II	16 – 57		260	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	26 – 81		259	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		51 – 109		264	1,8							
			LB09	**234008**		77 – 138		262	1,7							
			LB12	**234009**		104 – 165		261	1,7							
			LB15	**234028**		165 – 210		302	1,8							
			MB06	**235005**	IV		50 – 97	262	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			68 – 127	262	1,8							
			MB11	**235007**			99 – 160	260	1,7							
			MB14	**235008**			128 – 190	268	1,7							
Schunk	ROTA NC 250	254	**KK25**	**227112**	II	28 – 80		308	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	47 – 99		308	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		85 – 139		306	2,7							
			LC13	**234012**		129 – 184		315	2,6							
			LC17	**234013**		172 – 227		314	2,6							
			LC20	**234029**		207 – 275		359	2,8							
			MC06	**235009**	IV		63 – 117	305	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			102 – 157	305	2,5							
			MC14	**235011**			143 – 199	305	2,3							
			MC18	**235012**			183 – 238	303	2,2							
Schunk	ROTA NC 315	315	**KK32**	**227113**	II	34 – 118		384	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	61 – 146		385	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		119 – 206		385	3,5							
			LD17	**234016**		183 – 271		384	3,1							
			LD23	**234017**		246 – 320		433	3,5							
			MD08	**235013**	IV		90 – 177	384	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			151 – 239	384	3,0							
			MD20	**235015**			211 – 301	383	3,0							
			MD26	**235016**			269 – 320	434	3,2							

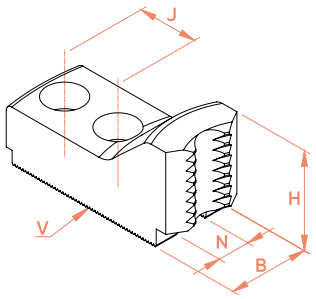
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

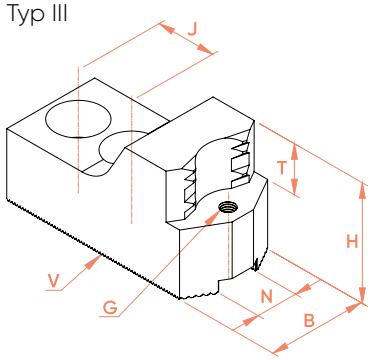
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NC 400	400	**LF05**	**234022**	III	63 – 152		478	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		115 – 206		479	8,3							
			LF16	**234034**		176 – 269		477	6,0							
			LF22	**234035**		237 – 330		475	5,6							
			LF28	**234026**		296 – 390		497	6,0							
			LF34	**234027**		355 – 410		556	7,8							
			MF10	**235021**	IV		114 – 206	478	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			176 – 269	476	7,1							
			MF22	**235023**			238 – 332	474	4,1							
			MF28	**235024**			295 – 390	474	4,1							
			MF34	**235025**			355 – 410	526	7,1							
Schunk	ROTA NC plus (2) 185	185	**KK16**	**227110**	II	23 – 54		229	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	37 – 68		233	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		57 – 87		235	1,4							
			LA06	**234003**		71 – 102		234	1,4							
			LA07	**234004**		85 – 117		234	1,4							
			LA09	**234005**		102 – 133		234	1,2							
			MA05	**235001**	IV		59 – 89	235	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			70 – 101	234	1,4							
			MA07	**235003**			89 – 121	234	1,3							
			MA09	**235004**			112 – 143	234	1,1							
Schunk	ROTA NC plus (2) 215	215	**KK20**	**227111**	II	31 – 59		262	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	54 – 83		261	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		82 – 110		265	1,8							
			LB09	**234008**		110 – 140		264	1,7							
			LB12	**234009**		138 – 167		263	1,7							
			LB15	**234028**		171 – 201		293	1,8							
			MB06	**235005**	IV		71 – 100	264	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			101 – 130	264	1,8							
			MB11	**235007**			134 – 163	263	1,7							
			MB14	**235008**			163 – 193	271	1,7							

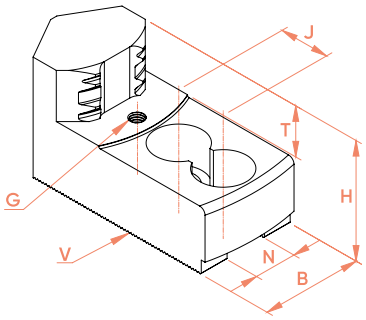
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NC plus (2) 260	260	**KK25**	**227112**	II	37 – 83		310	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	57 – 102		311	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		96 – 142		309	2,7							
			LC13	**234012**		140 – 187		318	2,6							
			LC17	**234013**		183 – 230		317	2,6							
			LC20	**234029**		219 – 266		350	2,8							
			MC06	**235009**	IV		75 – 121	309	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			114 – 161	309	2,5							
			MC14	**235011**			155 – 203	309	2,3							
			MC18	**235012**			195 – 242	307	2,2							
Schunk	ROTA NC plus (2) 315	315	**KK40**	**227114**	II	42 – 110		377	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	65 – 134		377	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		121 – 191		379	3,4							
			LE16	**234020**		185 – 256		377	3,0							
			LE23	**234021**		250 – 320		425	3,4							
			ME08	**235017**	IV		97 – 167	376	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			161 – 232	377	3,0							
			ME20	**235019**			220 – 291	377	3,0							
			ME26	**235020**			281 – 320	428	3,2							
Schunk	ROTA NCD 185	185	**KK16**	**227110**	II	13 – 50		225	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 64		229	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		36 – 83		231	1,4							
			LA06	**234003**		50 – 98		231	1,4							
			LA07	**234004**		64 – 113		230	1,4							
			LA09	**234005**		79 – 129		231	1,2							
			MA05	**235001**	IV		45 – 85	231	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			48 – 97	231	1,4							
			MA07	**235003**			67 – 117	230	1,3							
			MA09	**235004**			89 – 139	231	1,1							

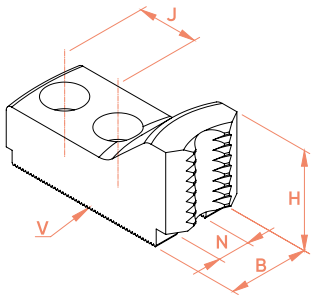
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

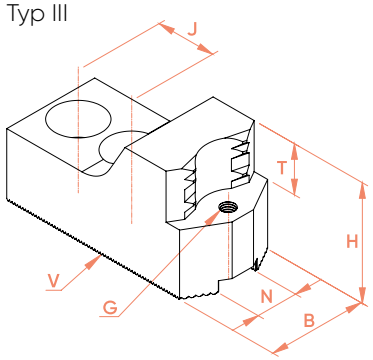
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCD 215	210	**KK20**	**227111**	II	16 – 51		255	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	29 – 74		252	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		57 – 102		258	1,8							
			LB09	**234008**		85 – 131		256	1,7							
			LB12	**234009**		112 – 159		255	1,7							
			LB15	**234028**		145 – 192		285	1,8							
			MB06	**235005**	IV		50 – 91	256	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			75 – 121	256	1,8							
			MB11	**235007**			108 – 155	255	1,7							
			MB14	**235008**			137 – 184	263	1,7							
Schunk	ROTA NCD 255	250	**KK25**	**227112**	II	23 – 74		302	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	39 – 93		302	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		76 – 134		302	2,7							
			LC13	**234012**		119 – 178		310	2,6							
			LC17	**234013**		162 – 221		308	2,6							
			LC20	**234029**		198 – 257		341	2,8							
			MC06	**235009**	IV		55 – 112	300	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			94 – 152	300	2,5							
			MC14	**235011**			135 – 194	300	2,3							
			MC18	**235012**			174 – 233	299	2,2							
Schunk	ROTA NCF 165	165	**KK16**	**227110**	II	14 – 40		214	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	27 – 54		218	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		44 – 73		220	1,4							
			LA06	**234003**		57 – 88		220	1,4							
			LA07	**234004**		71 – 102		218	1,4							
			LA09	**234005**		88 – 119		220	1,2							
			MA05	**235001**	IV		45 – 74	219	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			55 – 86	219	1,4							
			MA07	**235003**			74 – 105	217	1,3							
			MA09	**235004**			96 – 128	219	1,1							

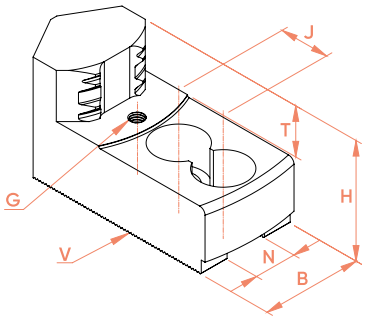
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCF 210	210	**KK20**	**227111**	II	16 – 57		260	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	26 – 81		259	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		51 – 109		264	1,8							
			LB09	**234008**		77 – 138		262	1,7							
			LB12	**234009**		104 – 165		261	1,7							
			LB15	**234028**		165 – 210		302	1,8							
			MB06	**235005**	IV		50 – 97	262	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			68 – 127	262	1,8							
			MB11	**235007**			99 – 160	260	1,7							
			MB14	**235008**			128 – 190	268	1,7							
Schunk	ROTA NCF 250	254	**KK25**	**227112**	II	28 – 80		308	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	47 – 99		308	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		85 – 139		306	2,7							
			LC13	**234012**		129 – 184		315	2,6							
			LC17	**234013**		172 – 227		314	2,6							
			LC20	**234029**		207 – 260		359	2,8							
			MC06	**235009**	IV		63 – 117	305	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			102 – 157	305	2,5							
			MC14	**235011**			143 – 199	305	2,3							
			MC18	**235012**			183 – 238	303	2,2							
Schunk	ROTA NCF 315	315	**KK32**	**227113**	II	34 – 118		384	3,7	1,5mm x 60°	18	50	49	—	30	—
			LD05	**234014**	III	61 – 146		385	4,5	1,5mm x 60°	18	50	59	25	30	M8
			LD11	**234015**		119 – 206		385	3,5							
			LD17	**234016**		183 – 271		384	3,1							
			LD23	**234017**		246 – 320		433	3,5							
			MD08	**235013**	IV		90 – 177	384	3,9	1,5mm x 60°	18	50	59	25	30	M8
			MD14	**235014**			151 – 239	384	3,0							
			MD20	**235015**			211 – 301	383	3,0							
			MD26	**235016**			269 – 320	434	3,2							

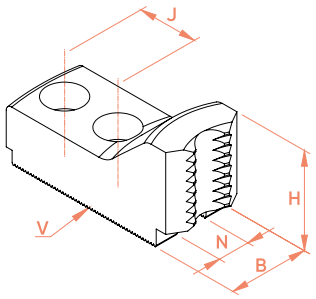
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

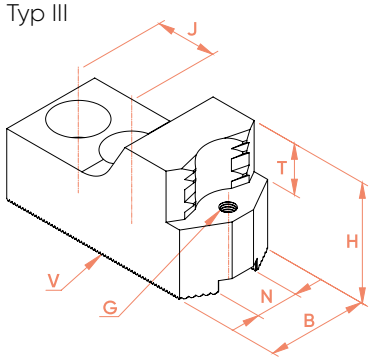
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCF 400	400	**LF05**	**234022**	III	63 – 152		478	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		115 – 206		479	8,3							
			LF16	**234034**		176 – 269		477	6,0							
			LF22	**234035**		237 – 330		475	5,6							
			LF28	**234026**		296 – 390		497	6,0							
			LF34	**234027**		355 – 420		556	7,8							
			MF10	**235021**	IV		114 – 206	478	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			176 – 269	476	7,1							
			MF22	**235023**			238 – 332	474	4,1							
			MF28	**235024**			295 – 390	474	4,1							
			MF34	**235025**			355 – 420	526	7,1							
Schunk	ROTA NCF plus (2) 185	185	**KK16**	**227110**	II	23 – 54		229	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	37 – 68		233	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		57 – 87		235	1,4							
			LA06	**234003**		71 – 102		234	1,4							
			LA07	**234004**		85 – 117		234	1,4							
			LA09	**234005**		102 – 133		234	1,2							
			MA05	**235001**	IV		59 – 89	235	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			70 – 101	234	1,4							
			MA07	**235003**			89 – 121	234	1,3							
			MA09	**235004**			112 – 143	234	1,1							
Schunk	ROTA NCF plus (2) 215	215	**KK20**	**227111**	II	31 – 59		262	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	54 – 83		261	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		82 – 110		265	1,8							
			LB09	**234008**		110 – 140		264	1,7							
			LB12	**234009**		138 – 167		263	1,7							
			LB15	**234028**		171 – 201		293	1,8							
			MB06	**235005**	IV		71 – 100	264	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			101 – 130	264	1,8							
			MB11	**235007**			134 – 163	263	1,7							
			MB14	**235008**			163 – 193	271	1,7							

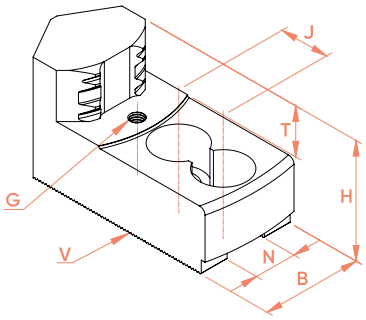
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCF plus (2) 260	260	**KK25**	**227112**	II	37 – 83		310	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	57 – 102		311	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		96 – 142		309	2,7							
			LC13	**234012**		140 – 187		318	2,6							
			LC17	**234013**		183 – 230		317	2,6							
			LC20	**234029**		219 – 266		350	2,8							
			MC06	**235009**	IV		75 – 121	309	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			114 – 161	309	2,5							
			MC14	**235011**			155 – 203	309	2,3							
			MC18	**235012**			195 – 242	307	2,2							
Schunk	ROTA NCF plus (2) 315	315	**KK40**	**227114**	II	42 – 110		377	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	65 – 134		377	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		121 – 191		379	3,4							
			LE16	**234020**		185 – 256		377	3,0							
			LE23	**234021**		250 – 320		425	3,4							
			ME08	**235017**	IV		97 – 167	376	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			161 – 232	377	3,0							
			ME20	**235019**			220 – 291	377	3,0							
			ME26	**235020**			281 – 320	428	3,2							
Schunk	ROTA NCK 165	169	**KK16**	**227110**	II	14 – 30		205	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 45		210	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		40 – 64		212	1,4							
			LA06	**234003**		53 – 78		211	1,4							
			LA07	**234004**		68 – 93		210	1,4							
			LA09	**234005**		84 – 109		211	1,2							
			MA05	**235001**	IV		46 – 66	212	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			53 – 77	211	1,4							
			MA07	**235003**			71 – 97	210	1,3							
			MA09	**235004**			94 – 119	210	1,1							

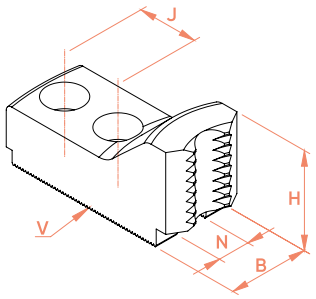
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

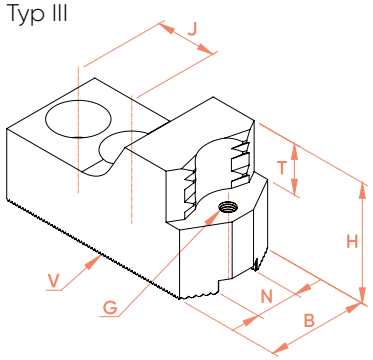
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCK 210	210	KK20	227111	II	18 – 44		248	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	39 – 67		246	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		67 – 96		252	1,8							
			LB09	234008		96 – 124		249	1,7							
			LB12	234009		123 – 152		249	1,7							
			LB15	234028		156 – 186		279	1,8							
			MB06	235005	IV		57 – 86	251	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			86 – 118	253	1,8							
			MB11	235007			118 – 148	249	1,7							
			MB14	235008			148 – 178	257	1,7							
Schunk	ROTA NCK 250	254	KK25	227112	II	29 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	48 – 55		268	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	234011		85 – 129		297	2,7							
			LC13	234012		129 – 172		304	2,6							
			LC17	234013		172 – 212		300	2,6							
			LC20	234029		209 – 249		334	2,8							
			MC06	235009	IV		65 – 104	293	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	235010			104 – 144	293	2,5							
			MC14	235011			144 – 184	290	2,3							
			MC18	235012			184 – 223	289	2,2							
Schunk	ROTA NCK 315	304	KK40	227114	II	33 – 86		354	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	234018	III	55 – 110		355	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	234019		109 – 172		361	3,4							
			LE16	234020		172 – 239		361	3,0							
			LE23	234021		239 – 300		405	3,4							
			ME08	235017	IV		86 – 149	359	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			149 – 208	355	3,0							
			ME20	235019			208 – 269	356	3,0							
Schunk	ROTA NCK plus 165	165	KK16	227110	II	14 – 43		217	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 57		221	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		40 – 76		223	1,4							
			LA06	234003		53 – 91		222	1,4							
			LA07	234004		67 – 105		221	1,4							
			LA09	234005		84 – 122		222	1,2							

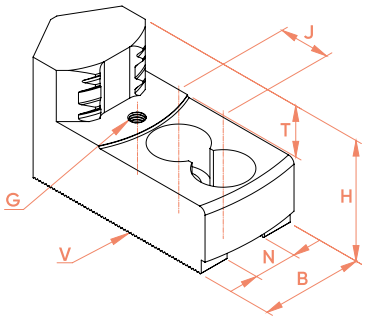
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCK plus 165	165	**MA05**	**235001**	IV		46 – 78	223	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			53 – 90	222	1,4							
			MA07	**235003**			71 – 109	221	1,3							
			MA09	**235004**			94 – 132	222	1,1							
Schunk	ROTA NCK plus 210	210	**KK20**	**227111**	II	16 – 52		256	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	32 – 76		254	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		61 – 103		258	1,8							
			LB09	**234008**		89 – 132		257	1,7							
			LB12	**234009**		116 – 160		256	1,7							
			LB15	**234028**		148 – 195		287	1,8							
			MB06	**235005**	IV		51 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			79 – 123	258	1,8							
			MB11	**235007**			112 – 156	256	1,7							
			MB14	**235008**			141 – 186	265	1,7							
Schunk	ROTA NCK plus 250	254	**KK25**	**227112**	II	25 – 75		303	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	44 – 95		304	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		81 – 135		303	2,7							
			LC13	**234012**		124 – 179		311	2,6							
			LC17	**234013**		167 – 223		310	2,6							
			LC20	**234029**		202 – 257		341	2,8							
			MC06	**235009**	IV		60 – 113	301	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			99 – 153	301	2,5							
			MC14	**235011**			140 – 195	301	2,3							
			MC18	**235012**			179 – 235	301	2,2							
Schunk	ROTA NCK plus 315	304	**KK40**	**227114**	II	31 – 97		364	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	52 – 121		365	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		107 – 177		366	3,4							
			LE16	**234020**		170 – 242		364	3,0							
			LE23	**234021**		237 – 310		414	3,4							

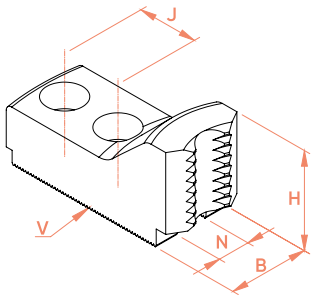
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

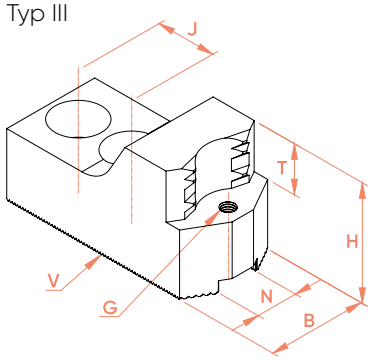
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA NCK plus 315	304	ME08	235017	IV		83 – 154	364	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	235018			147 – 219	365	3,0							
			ME20	235019			205 – 278	364	3,0							
			ME26	235020			267 – 310	415	3,2							
SMW-Autoblok	AL-M 165	165	KK16	227110	II	13 – 40		214	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	234001	III	27 – 54		218	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	234002		45 – 79		225	1,4							
			LA06	234003		58 – 88		220	1,4							
			LA07	234004		73 – 103		219	1,4							
			LA09	234005		89 – 119		220	1,2							
			MA05	235001	IV		47 – 75	220	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	235002			58 – 87	220	1,4							
			MA07	235003			76 – 107	219	1,3							
			MA09	235004			99 – 129	220	1,1							
SMW-Autoblok	AL-M 210	210	KK20	227111	II	23 – 54		257	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	234006	III	45 – 77		255	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	234007		74 – 105		260	1,8							
			LB09	234008		102 – 134		259	1,7							
			LB12	234009		129 – 162		258	1,7							
			LB15	234028		162 – 196		288	1,8							
			MB06	235005	IV		63 – 94	259	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	235006			92 – 125	260	1,8							
			MB11	235007			125 – 158	258	1,7							
			MB14	235008			155 – 187	265	1,7							
SMW-Autoblok	AL-M 250	254	KK25	227112	II	34 – 68		296	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	234010	III	53 – 87		297	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	234024		73 – 107		296	2,9							
			LC08	234011		92 – 128		296	2,7							
			LC10	230025		112 – 148		293	2,7							
			LC13	234012		135 – 172		304	2,6							
			LC17	234013		155 – 192		281	2,6							
			LC20	234029		179 – 215		301	2,8							

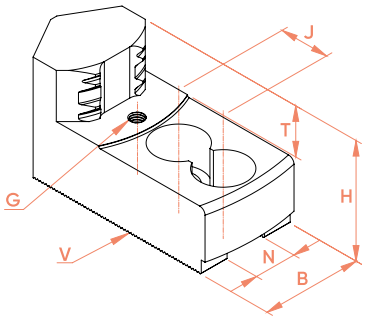
Typ II



Typ III



Typ IV



Futterher-steller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	AL-M 250	254	**MC06**	**235009**	IV		71 – 106	295	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			110 – 146	295	2,5							
			MC14	**235011**			151 – 188	294	2,3							
			MC18	**235012**			191 – 227	293	2,2							
SMW-Autoblok	AL-M 315	315	**KK40**	**227114**	II	32 – 107		374	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	54 – 131		375	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		109 – 187		375	3,4							
			LE16	**234020**		172 – 252		373	3,0							
			LE23	**234021**		239 – 320		424	3,4							
			ME08	**235017**	IV		85 – 164	373	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			149 – 228	373	3,0							
			ME20	**235019**			208 – 288	374	3,0							
			ME26	**235020**			268 – 320	425	3,2							
SMW-Autoblok	AL-M 400	400	**LF05**	**234022**	III	70 – 137		464	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		122 – 192		465	8,3							
			LF16	**234034**		184 – 254		462	6,0							
			LF22	**234035**		245 – 316		462	5,6							
			LF28	**234026**		304 – 375		483	6,0							
			LF34	**234027**		363 – 410		542	7,8							
			MF10	**235021**	IV		123 – 192	464	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			184 – 255	462	7,1							
			MF22	**235023**			247 – 318	461	4,1							
			MF28	**235024**			304 – 375	459	4,1							
			MF34	**235025**			363 – 410	512	7,1							
SMW-Autoblok	AN-M 165	165	**KK16**	**227110**	II	13 – 37		211	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	27 – 52		216	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		43 – 71		218	1,4							
			LA06	**234003**		56 – 86		218	1,4							
			LA07	**234004**		70 – 100		217	1,4							
			LA09	**234005**		87 – 117		218	1,2							

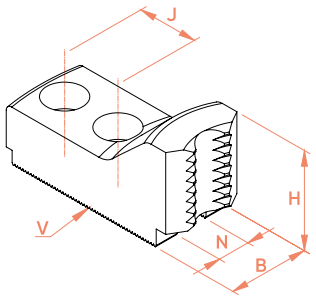
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

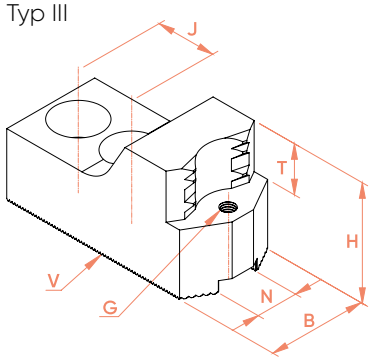
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	AN-M 165	165	**MA05**	**235001**	IV		46 – 73	218	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			55 – 85	218	1,4							
			MA07	**235003**			74 – 104	216	1,3							
			MA09	**235004**			96 – 126	217	1,1							
SMW-Autoblok	AN-M 210	210	**KK20**	**227111**	II	20 – 50		254	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	45 – 78		256	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		73 – 105		260	1,8							
			LB09	**234008**		101 – 134		259	1,7							
			LB12	**234009**		129 – 162		258	1,7							
			LB15	**234028**		162 – 196		288	1,8							
			MB06	**235005**	IV		59 – 90	255	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			89 – 121	256	1,8							
			MB11	**235007**			121 – 154	254	1,7							
			MB14	**235008**			151 – 183	262	1,7							
SMW-Autoblok	AN-M 250	254	**KK25**	**227112**	II	30 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	49 – 83		293	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		69 – 103		292	2,9							
			LC08	**234011**		87 – 123		291	2,7							
			LC10	**230025**		107 – 143		288	2,7							
			LC13	**234012**		131 – 167		299	2,6							
			LC17	**234013**		151 – 187		276	2,6							
			LC20	**234029**		174 – 210		296	2,8							
			MC06	**235009**	IV		66 – 101	290	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			105 – 141	290	2,5							
			MC14	**235011**			146 – 183	289	2,3							
			MC18	**235012**			186 – 222	288	2,2							
SMW-Autoblok	AN-M 315	315	**KK40**	**227114**	II	32 – 107		374	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	54 – 131		375	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		108 – 187		375	3,4							
			LE16	**234020**		172 – 253		374	3,0							
			LE23	**234021**		237 – 318		422	3,4							

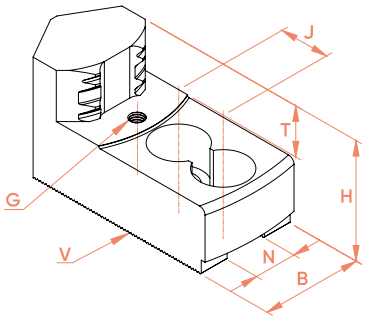
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	AN-M 315	315	**ME08**	**235017**	IV		85 – 164	373	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			148 – 229	374	3,0							
			ME20	**235019**			207 – 288	374	3,0							
			ME26	**235020**			268 – 320	425	3,2							
SMW-Autoblok	AN-M 400	400	**LF05**	**234022**	III	70 – 137		464	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		122 – 192		465	8,3							
			LF16	**234034**		184 – 254		462	6,0							
			LF22	**234035**		245 – 316		462	5,6							
			LF28	**234026**		304 – 375		483	6,0							
			LF34	**234027**		363 – 410		542	7,8							
			MF10	**235021**	IV		123 – 192	464	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			184 – 255	462	7,1							
			MF22	**235023**			247 – 318	461	4,1							
			MF28	**235024**			304 – 375	459	4,1							
			MF34	**235025**			363 – 410	512	7,1							
SMW-Autoblok	BB-M 175	175	**LA03**	**234001**	III	33 – 64		229	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		52 – 83		231	1,4							
			LA06	**234003**		66 – 98		231	1,4							
			LA07	**234004**		80 – 112		229	1,4							
			LA09	**234005**		97 – 129		231	1,2							
			MA05	**235001**	IV		54 – 85	231	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			65 – 97	231	1,4							
			MA07	**235003**			84 – 116	229	1,3							
			MA09	**235004**			104 – 139	231	1,1							
SMW-Autoblok	BB-M 210	210	**KK20**	**227111**	II	23 – 52		256	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	46 – 76		254	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		74 – 103		258	1,8							
			LB09	**234008**		102 – 132		257	1,7							
			LB12	**234009**		130 – 160		256	1,7							
			LB15	**234028**		162 – 194		286	1,8							

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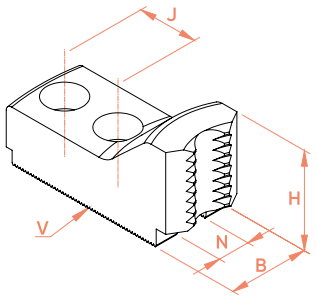
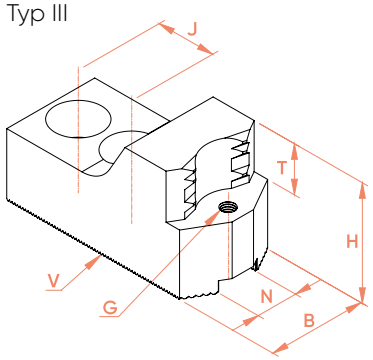
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	BB-M 210	210	**MB06**	**235005**	IV		63 – 93	258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			93 – 123	258	1,8							
			MB11	**235007**			126 – 155	255	1,7							
			MB14	**235008**			155 – 186	265	1,7							
SMW-Autoblok	BB-M 250	254	**KK25**	**227112**	II	38 – 63		292	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	58 – 83		293	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		78 – 103		292	2,9							
			LC08	**234011**		97 – 123		291	2,7							
			LC10	**230025**		117 – 143		288	2,7							
			LC13	**234012**		140 – 167		299	2,6							
			LC17	**234013**		183 – 211		299	2,6							
			LC20	**234029**		219 – 247		332	2,8							
			MC06	**235009**	IV		75 – 101	290	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			115 – 141	290	2,5							
			MC14	**235011**			155 – 183	289	2,3							
			MC18	**235012**			196 – 222	288	2,2							
SMW-Autoblok	BB-M 255	255	**KK25**	**227112**	II	42 – 68		296	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	62 – 88		298	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		82 – 109		298	2,9							
			LC08	**234011**		101 – 128		296	2,7							
			LC10	**230025**		123 – 151		296	2,7							
			LC13	**234012**		145 – 172		304	2,6							
			LC17	**234013**		188 – 216		304	2,6							
			LC20	**234029**		224 – 252		337	2,8							
			MC06	**235009**	IV		80 – 107	296	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			119 – 147	296	2,5							
			MC14	**235011**			160 – 188	294	2,3							
			MC18	**235012**			200 – 228	294	2,2							
SMW-Autoblok	BB-M 315	315	**KK40**	**227114**	II	65 – 101		368	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	89 – 125		369	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		145 – 181		369	3,4							
			LE16	**234020**		210 – 246		368	3,0							
			LE23	**234021**		277 – 314		418	3,4							

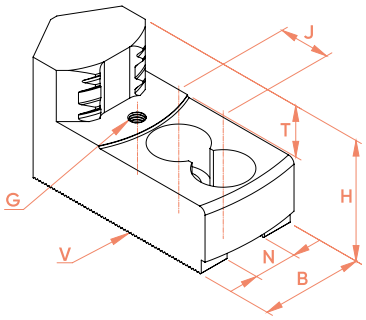
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	BB-M 315	315	**ME08**	**235017**	IV		122 – 158	367	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			186 – 222	368	3,0							
			ME20	**235019**			245 – 282	368	3,0							
SMW-Autoblok	BH-M / BHM-FC 165	165	**KK16**	**227110**	II	15 – 38		214	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	29 – 52		218	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		43 – 71		220	1,4							
			LA06	**234003**		57 – 86		220	1,4							
			LA07	**234004**		71 – 101		219	1,4							
			LA09	**234005**		87 – 117		220	1,2							
			MA05	**235001**	IV		48 – 73	220	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			56 – 85	220	1,4							
			MA07	**235003**			74 – 104	218	1,3							
			MA09	**235004**			97 – 127	220	1,1							
SMW-Autoblok	BH-M / BHM-FC 210	210	**KK20**	**227111**	II	16 – 51		255	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	32 – 75		253	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		60 – 102		258	1,8							
			LB09	**234008**		88 – 132		257	1,7							
			LB12	**234009**		115 – 159		255	1,7							
			LB15	**234028**		148 – 185		285	1,8							
			MB06	**235005**	IV		51 – 92	257	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			79 – 122	257	1,8							
			MB11	**235007**			111 – 155	255	1,7							
			MB14	**235008**			140 – 185	264	1,7							
SMW-Autoblok	BH-M / BHM-FC 250	254	**KK25**	**227112**	II	29 – 62		291	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	48 – 82		292	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC06	**234024**		68 – 102		291	2,9							
			LC08	**234011**		86 – 122		290	2,7							
			LC10	**230025**		106 – 142		287	2,7							
			LC13	**234012**		130 – 166		298	2,6							
			LC17	**234013**		173 – 209		297	2,6							

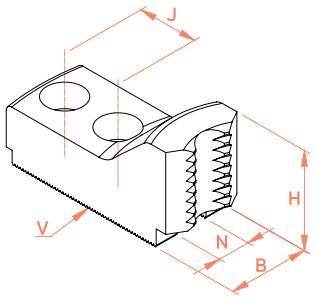
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

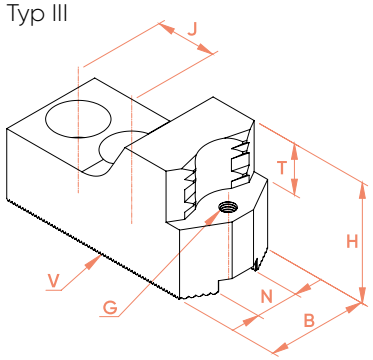
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	BH-M / BHM-FC 250	254	**MC06**	**235009**	IV		65 – 100	289	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			104 – 140	289	2,5							
			MC14	**235011**			145 – 182	288	2,3							
			MC18	**235012**			185 – 221	287	2,2							
SMW-Autoblok	BH-M / BHM-FC 315	315	**KK40**	**227114**	II	37 – 102		369	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	60 – 126		370	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		115 – 182		370	3,4							
			LE16	**234020**		179 – 246		368	3,0							
			LE23	**234021**		246 – 315		419	3,4							
			ME08	**235017**	IV		92 – 159	368	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			156 – 223	369	3,0							
			ME20	**235019**			215 – 283	369	3,0							
			ME26	**235020**			275 – 320	420	3,2							
SMW-Autoblok	BH-M / BHM-FC 400	390	**LF05**	**234022**	III	63 – 122		446	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		115 – 177		447	8,3							
			LF16	**234034**		177 – 239		444	6,0							
			LF22	**234035**		237 – 300		443	5,6							
			LF28	**234026**		296 – 360		464	6,0							
			LF34	**234027**		356 – 400		523	7,8							
			MF10	**235021**	IV		116 – 177	446	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			177 – 239	443	7,1							
			MF22	**235023**			239 – 303	443	4,1							
			MF28	**235024**			297 – 360	441	4,1							
			MF34	**235025**			356 – 400	494	7,1							
SMW-Autoblok	BH-M 450	450	**LF05**	**234022**	III	63 – 181		506	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		115 – 235		506	8,3							
			LF16	**234034**		177 – 298		504	6,0							
			LF22	**234035**		237 – 360		504	5,6							
			LF28	**234026**		296 – 420		526	6,0							
			LF34	**234027**		356 – 460		584	7,8							

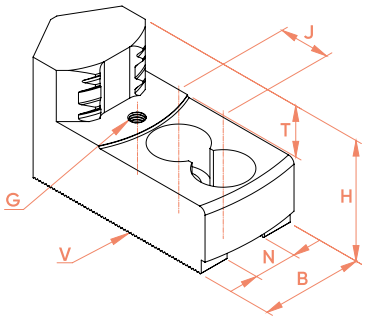
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	**Futtertype** *chuck type*	**Drm.** *dia.* mm	**Backentyp** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Schwingkreis Ø** *swing Ø* max./mm	**m/Satz** *m/set* kg	**V**	**N** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	BH-M 450	450	**MF10**	**235021**	IV		116 – 235	505	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			177 – 299	505	7,1							
			MF22	**235023**			239 – 362	503	4,1							
			MF28	**235024**			297 – 420	503	4,1							
			MF34	**235025**			356 – 460	555	7,1							
SMW-Autoblok	HFKN-M 165	165	**KK16**	**227110**	II	13 – 34		209	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 48		213	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		29 – 67		215	1,4							
			LA06	**234003**		50 – 82		214	1,4							
			LA07	**234004**		64 – 96		213	1,4							
			LA09	**234005**		62 – 113		214	1,2							
			MA05	**235001**	IV		45 – 69	215	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			47 – 81	214	1,4							
			MA07	**235003**			67 – 100	213	1,3							
			MA09	**235004**			72 – 123	214	1,1							
SMW-Autoblok	HFKN-M 210	215	**KK20**	**227111**	II	16 – 68		270	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	33 – 92		269	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		62 – 119		273	1,8							
			LB09	**234008**		89 – 149		273	1,7							
			LB12	**234009**		116 – 176		271	1,7							
			LB15	**234028**		150 – 210		302	1,8							
			MB06	**235005**	IV		51 – 109	273	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			80 – 139	273	1,8							
			MB11	**235007**			113 – 172	271	1,7							
			MB14	**235008**			142 – 202	280	1,7							
SMW-Autoblok	HFKN-M 260	260	**KK25**	**227112**	II	29 – 84		311	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	48 – 103		312	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC10	**230025**		109 – 166		310	2,7							
			LC17	**234013**		173 – 232		319	2,6							
			LC20	**234029**		209 – 267		351	2,8							

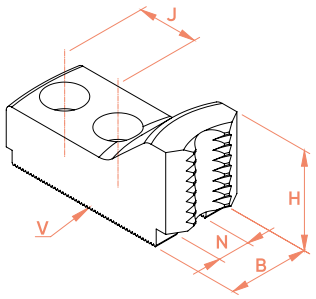
UNIJaws®

Greiferbacken hart, Spitzverzahnung metrisch

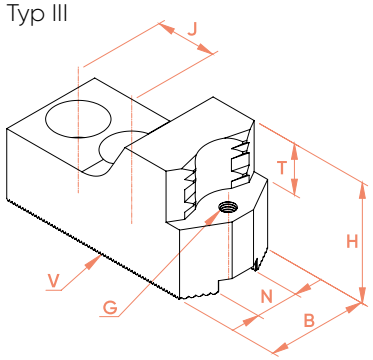
Adjustagrip hard jaws, metric serration

Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	HFKN-M 260	260	**MC06**	**235009**	IV		65 – 122	310	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			105 – 162	310	2,5							
			MC14	**235011**			146 – 204	309	2,3							
			MC18	**235012**			185 – 244	309	2,2							
SMW-Autoblok	HFKN-M 315	315	**KK40**	**227114**	II	46 – 114		381	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	69 – 138		381	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		124 – 194		382	3,4							
			LE16	**234020**		188 – 259		380	3,0							
			LE23	**234021**		253 – 320		429	3,4							
			ME08	**235017**	IV		101 – 171	380	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			165 – 236	381	3,0							
			ME20	**235019**			224 – 295	381	3,0							
			ME26	**235020**			285 – 320	432	3,2							
SMW-Autoblok	NT-M 170	172	**KK16**	**227110**	II	13 – 45		221	1,5	1,5mm x 60°	12	35	39	—	20	—
			LA03	**234001**	III	26 – 59		224	1,7	1,5mm x 60°	12	40	49	20	20	M6
			LA04	**234002**		43 – 78		226	1,4							
			LA06	**234003**		56 – 93		226	1,4							
			LA07	**234004**		71 – 107		225	1,4							
			LA09	**234005**		87 – 124		226	1,2							
			MA05	**235001**	IV		45 – 80	226	1,5	1,5mm x 60°	12	40	49	20	20	M6
			MA06	**235002**			56 – 92	226	1,4							
			MA07	**235003**			74 – 111	225	1,3							
			MA09	**235004**			97 – 134	226	1,1							
SMW-Autoblok	NT-M 215	216	**KK20**	**227111**	II	19 – 56		259	2,2	1,5mm x 60°	14	40	49	—	25	—
			LB03	**234006**	III	41 – 80		258	1,9	1,5mm x 60°	14	40	49	20	25	M6
			LB06	**234007**		69 – 107		262	1,8							
			LB09	**234008**		98 – 136		260	1,7							
			LB12	**234009**		125 – 164		260	1,7							
			LB15	**234028**		158 – 197		289	1,8							
			MB06	**235005**	IV		59 – 96	261	1,9	1,5mm x 60°	14	40	49	20	25	M6
			MB08	**235006**			88 – 127	262	1,8							
			MB11	**235007**			121 – 160	260	1,7							
			MB14	**235008**			150 – 189	267	1,7							

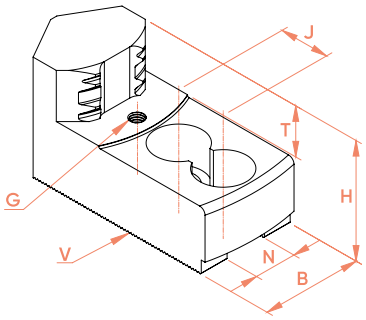
Typ II



Typ III



Typ IV



Futterhersteller *manufacturer*	Futtertype *chuck type*	Drm. *dia.* mm	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Schwingkreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	V	N mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	NT-M 260	262	**KK25**	**227112**	II	23 – 73		301	2,3	1,5mm x 60°	16	40	49	—	30	—
			LC04	**234010**	III	40 – 93		302	2,9	1,5mm x 60°	16	40	59	25	30	M8
			LC08	**234011**		77 – 133		301	2,7							
			LC13	**234012**		120 – 177		309	2,6							
			LC17	**234013**		163 – 221		308	2,6							
			LC20	**234029**		199 – 257		341	2,8							
			MC06	**235009**	IV		56 – 112	300	2,7	1,5mm x 60°	16	40	59	25	30	M6
			MC10	**235010**			95 – 152	300	2,5							
			MC14	**235011**			136 – 193	299	2,3							
			MC18	**235012**			175 – 233	299	2,2							
SMW-Autoblok	NT-M 315	315	**KK40**	**227114**	II	27 – 100		367	3,7	1,5mm x 60°	21	50	49	—	30	—
			LE05	**234018**	III	48 – 124		368	4,4	1,5mm x 60°	21	50	59	25	30	M8
			LE10	**234019**		101 – 180		368	3,4							
			LE16	**234020**		165 – 245		367	3,0							
			LE23	**234021**		230 – 311		415	3,4							
			ME08	**235017**	IV		78 – 157	366	3,9	1,5mm x 60°	21	50	59	25	30	M8
			ME14	**235018**			141 – 222	368	3,0							
			ME20	**235019**			200 – 281	367	3,0							
			ME26	**235020**			261 – 320	418	3,2							
SMW-Autoblok	NT-M 400	390	**LF05**	**234022**	III	50 – 120		444	9,3	1,5mm x 60°	22	60	79	33	43	M8
			LF10	**234023**		100 – 174		445	8,3							
			LF16	**234034**		161 – 237		442	6,0							
			LF22	**234035**		221 – 298		441	5,6							
			LF28	**234026**		280 – 357		461	6,0							
			LF34	**234027**		340 – 400		520	7,8							
			MF10	**235021**	IV		100 – 174	444	8,8	1,5mm x 60°	22	60	79	33	43	M8
			MF16	**235022**			161 – 237	441	7,1							
			MF22	**235023**			223 – 300	440	4,1							
			MF28	**235024**			280 – 358	439	4,1							
			MF34	**235025**			340 – 400	491	7,1							

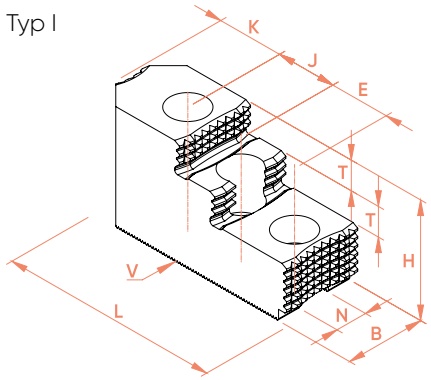
UNIJaws®

Umkehrbare Aufsatzbacken hart, Spitzverzahnung zoll

Hard reversible jaws, inch serration

B mm	H mm	L mm	T mm	N mm	V	K mm	J mm	E mm	Masse pro Satz *mass pro set* kg	Backentyp jaw type	Ident-Nr. *ident-no.*	Werkstoff *material*	Typ *type*	Schraube *bolt*
24	34	50	6,5	8	1/16" x 90°	9,7	14,3	14,3	0,45	**HB211**	**224001**	16MnCr5	I	M9x1
25	38	66,5	6,5	10	1/16" x 90°	13	19	17	0,63	**HB232**	**224002**	16MnCr5	I	M10
30	38	57	10	12	1/16" x 90°	16	15	15	0,7	**GY13**	**221001**	16MnCr5	I	M8
30	44	79	8	12	1/16" x 90°	14	21	21	1,0	**HB237**	**224003**	16MnCr5	I	M12
32	46	68	11	14	1/16" x 90°	0	22	22	1,5	**GV16**	**227301**	16MnCr5	I	M10
40	60	112	12	16	1/16" x 90°	21	29	29	2,9	**HB240**	**224004**	16MnCr5	I	M16
35	44	67	10	17	1/16" x 90°	18	19	—	1,3	**GY16**	**221005**	16MnCr5	I	M12
40	49	74	12	17	1/16" x 90°	18	19	19	1,3	**GY20**	**221010**	16MnCr5	I	M12

Typ I



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
KH 110				
KH 140 KH 160 KHL 160				
KF 130		KFD 130 | KFH 140 LVE 125 | LVE 160		AL-D 125 | AN-D 125 | BB-D 140 BH-D 130 | GHDN 125 | SP 125
KH 175 KH 200 KHL 200				
			ROTA NCK plus 165 ROTA NCK plus 185 | ROTA NCR 250 ROTA NCR 315 | ROTA TP 160	AL-D 165 | AN-D 165 | AP-D 170 BB-D 175 | BH-D 165 BHD-FC 165 | GHD-FC 165 GHDN 165 | HFKN-D 165 HYND-S 180 | NT-D 170 | SP 160
KH 250 KH 315 KHL 250 KHL 315				
HES 160 HES 200 HESF 160 HESF 200 KF 160 KF 200 KHFF 200	KG 200 | KGH 160 | KGH 175 KGH 200 | KGHF 160 | KGHF 175 KGHF 200 | KL 160 | KL 200 KLNC 200 | KP 200 | KS 160 KS 200 | KS 250 | KSF 175 KSF 200 | KSH 160 | KSH 200 KSHF 200 | KT 160 | KT 200 KTG 160 | KTG 200 | KTH 160 KTH 175 | KTH 200 | KTN 160 KTN 200 | NH 160 | NH 175 NH 200 | NHF 160 | NHF 175 NHF 200 | QLC 160 | QLC 175 | QLC 200 | QLC-KS 200 | QLK 160 QLK 175 | QLK 200 | QLK-KS 200 UVE 160 | UVE 200 | UVE 250	KFD 160 | KFD 200 KFD-AF 160 KFD-HE 210 KFD-HF 160 KFD-HF 200 KFD-HS 200 KFD-HS 250 KFH 160 | KFH 200 KFH-F 160 | KFH-F 200 KFH-G 160 | KFH-G 200 KFH-HC 160 KFH-NC 160 KFH-NC 200 | LVE 200	ROTA NC 165 | ROTA NC 210 ROTA NCD 210 | ROTA NCD 215 ROTA NCF 165 | ROTA NCF 210 ROTA NCK plus 210 ROTA NCK plus 250 | ROTA NCO 165 ROTA NCO 210	AL-D 210 | AN-D 210 | AP-D 215 AP-D 260 | APL-D 215 | APL-D 260 BB-D 210 | BH-D 210 | BHD-FC 210 GHD 210 | GHD-FC 210 | GHDN 210 HD-B 220 | HDL 200 | HDN 200 HDN 220 | HFK 160 | HFK 200 HFKN-D 210 | HFKS 160 | HFKS 200 LP 205 | NT-D 215 | NT-D 260 SP 200 | SP 240
HES 200 HESF 200 KF 200 KHFF 200	KG 200 | KGH 200 | KGHF 200 KL 200 | KLNC 200 | KP 200 KS 200 | KS 250 | KSF 200 KSH 200 | KSHF 200 | KT 200 KTG 200 | KTH 200 | KTN 200 NH 200 | NHF 200 | QLC 200 QLC-KS 200 | QLC-KS 250 QLK 200 | QLK-KS 200 QLK-KS 250 | UVE 200 | UVE 250	KFD 200 | KFD-AF 200 KFD-HE 200 KFD-HE 210 KFD-HF 200 KFD-HS 250 | KFH 200 KFH-F 200 | KFH-G 200 KFH-NC 200 | KFL 250 LVE 200	ROTA NC 210 | ROTA NCD 210 ROTA NCD 215 | ROTA NCF 210 ROTA NCK 210 | ROTA NCK 250 ROTA NCK plus 210 ROTA NCK plus 250 | ROTA NCO 210	AL-D 210 | AN-D 210 | AP-D 215 AP-D 260 | APL-D 215 | APL-D 260 BB-D 210 | BH-D 210 | BHD-FC 210 GHD 210 | GHD-FC 210 | GHDN 210 HD-B 220 | HDL 200 | HDN 200 HDN 220 | HFK 160 | HFK 200 HFKN-D 210 | HFKS 160 | HFKS 200 LP 205 | NT-D 215 | NT-D 260 SP 200 | SP 240

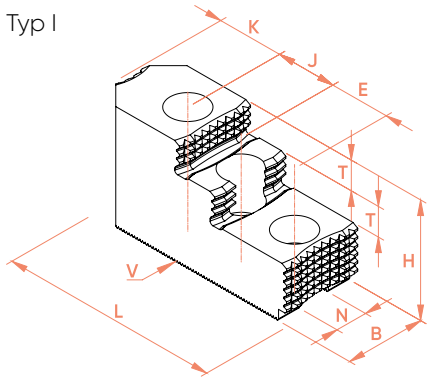
UNIJaws®

Umkehrbare Aufsatzbacken hart, Spitzverzahnung zoll

Hard reversible jaws, inch serration

B mm	H mm	L mm	T mm	N mm	V	K mm	J mm	E mm	Masse pro Satz *mass pro set* kg	Backentyp jaw type	Ident-Nr. *ident-no.*	Werkstoff *material*	Typ *type*	Schraube *bolt*
50	75	144	15	20	1/16" x 90°	29	38	38	5,9	**HB228**	**224005**	16MnCr5	I	M20
50	59	104	14	21	1/16" x 90°	34	25	25	3,4	**GY25**	**221015**	16MnCr5	I	M16
60	75	126	18	25,5	3/32" x 90°	38	31	31	6,4	**GY40**	**221025**	16MnCr5	I	M20

Typ I



Berg	Forkardt	Röhm	Schunk	SMW-Autoblok
KH 400 KH 500 KH 630 KHL 400				
HES 250 HES 315 HESF 250 HESF 315 KF 250 KF 315 KHFF 250 KHFF 315	KG 250 | KG 315 | KL 250 KLNC 250 | KLNC 315 KP 250 | KP 315 | KS 315 KS 400 | KSH 250 | KSH 315 KSH 400 | KSHF 250 KSHF 315 | KSHF 400 | KT 250 KT 315 | KTG 250 | KTG 315 KTN 250 | KTN 315 | NH 250 NH 315 | NHF 250 | NHF 315 QLC 250 | QLC 315 QLC-KS 315 | QLC-KS 400 QLK 250 | QLK 315 QLK-KS 315 | QLK-KS 400 UVE 315	KFD 250 | KFD 315 KFD-AF 250 KFD-AF 315 KFD-HE 254 KFD-HE 315 KFD-HF 250 KFD-HF 315 KFD-HS 315 | KFH 250 KFH 315 | KFH-F 250 KFH-F 315 | KFH-G 250 KFH-G 315 | KFH-NC 250 KFH-NC 315 | KFL 315 KFL 400 | LVE 250 LVE 305 | LVE 315	ROTA NC 250 | ROTA NC 315 ROTA NC plus 260 ROTA NC plus 315 | ROTA NCD 250 ROTA NCD 255 | ROTA NCD 315 ROTA NCF 250 | ROTA NCF 315 ROTA NCF plus 260 ROTA NCF plus 315 ROTA NCK plus 315 | ROTA NCO 260 ROTA NCO 315 | ROTA NCR 400 ROTA NCR 500 | ROTA NCR 630 ROTA NCR 800 | ROTA TP 250 ROTA TP 315 | ROTA TP 350	AL-D 250 | AL-D 315 | AN-D 250 AN-D 315 | AP-D 315 | APL-D 315 BB-D 250 | BB-D 315 | BH-D 250 BH-D 315 | BHD-FC 250 | BHD-FC 315 GHD 250 | GHD 305 | GHD 400 GH-D 400 | GHD-FC 250 GHD-FC 305 | GHD-FC 315 GHD-FC 400 | GHDN 250 | GHDN 305 GHDN 315 | GHDN 400 | HD-B 300 HDL 250 | HDL 315 | HDL 400 HDN 250 | HDN 315 | HDN 400 HFK 250 | HFK 270 | HFK 315 HFKN-D 260 | HFKN-D 315 HFKS 250 | HFKS 270 | HFKS 315 LP 250 | NT-D 315 | SP 250 | SP 280 SP 315 | SP 350
HES 400 HES 500 HES 630 HESF 400 HESF 500 HESF 630 KF 400 KF 500 KF 630 KHFF 400 KHFF 500 KHFF 630	KG 400 | KG 500 | KL 400 KL 500 | KLNC 400 | KLNC 500 KP 400 | KP 500 | KS 500 KS 630 | KSH 500 | KSHF 630 KT 400 | KT 500 | KT 630 KTG 400 | KTG 500 | KTG 630 KTN 400 | KTN 500 | KTN 630 NH 400 | NH 500 | NH 630 NHF 400 | NHF 500 | NHF 630 QLC 400 | QLK 400 | UVE 400 UVE 500 | UVE 630 | UVE 800	KFD 400 | KFD 500 KFD 630 | KFD 800 KFD-HE 400 KFD-HF 400 KFD-HF 500 KFD-HF 630 KFD-HS 400 KFD-HS 500 | KFH 400 KFH 500 | KFH-F 400 KFH-F 500 | KFH-G 400 KFH-G 500 | KFH-NC 400 KFH-NC 500 | KFL 500 KFL 600 | LVE 400 LVE 500 | LVE 630 LVE 800	ROTA NC 400 | ROTA NC 500 ROTA NC 630 | ROTA NC 800 ROTA NCD 400 | ROTA NCD 500 ROTA NCD 630 | ROTA NCF 400 ROTA NCF 500 | ROTA NCF 630 ROTA NCO 400 | ROTA NCO 500 ROTA NCO 630 | ROTA NCO 800 ROTA NCR 1000 | ROTA TB 400-115 ROTA TB 400-140 | ROTA TB 470-185 ROTA TB 500-160 | ROTA TB 500-205 ROTA TB 500-230 | ROTA TB 600-275 ROTA TB 610-260 ROTA TB-LH 400-140 ROTA TB-LH 470-185 ROTA TB-LH 500-205 ROTA TB-LH 500-230 ROTA TB-LH 600-275 ROTA TB-LH 610-260	AL-D 400 | AN-D 400 | AP-D 400 APL-D 400 | BB-N 400 | BB-N 460 BB-N 470 | BB-N 500 | BB-N 600 BB-N ES 400 | BB-N ES 460 BB-N ES 470 | BB-N ES 500 BB-N ES 600 | BH-D 400 | BH-D 450 BH-D 500 | BH-D 630 | BH-D 800 BHD-FC 400 | BHD-FC 500 BHD-FC 630 | GHD 500 | GH-D 500 GHD 610 | GH-D 610 | GHD 640 GHD 800 | GH-D 800 | GHDN 500 GHDN 610 | GHDN 640 | GHDN 800 HFK 400 | HFK 500 | HFKN-D 400 HFKN-D 500 | HFKS 400 | HFKS 500 IL-D 500 | IL-D 630 | IL-D 800 IN-D 500 | IN-D 630 | IN-D 800 NT-D 400

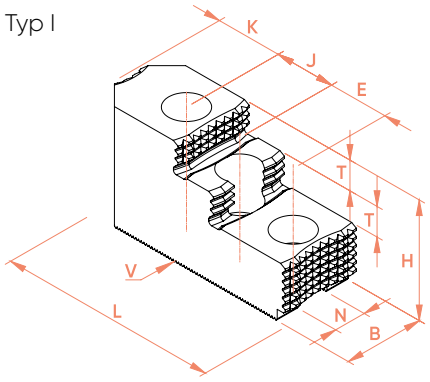
UNIJaws®

Umkehrbare Aufsatzbacken hart, Spitzverzahnung metrisch

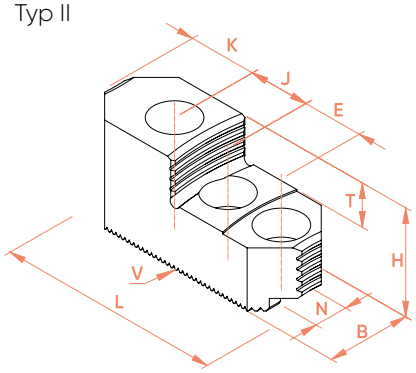
Hard reversible jaws, metric serration

B mm	H mm	L mm	T mm	N mm	V mm	K mm	J mm	E mm	Masse pro Satz *mass pro set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Werkstoff *material*	Typ *type*	Schraube *bolt*
25	30	53	10	10	1,5 x 60°	13	14	—	0,8	**GT04**	**227008**	16MnCr5	II	M8
25	32	57	13	10	1,5 x 60°	10,8	18	—	0,8	**GT05**	**227001**	16MnCr5	II	M8
25	32	57	13	10	1,5 x 60°	20,3	18	18	0,9	**VU210**	**852210**	16MnCr5	II	M8
35	38	66	14	12	1,5 x 60°	17,3	20	—	1,0	**GT06**	**227002**	16MnCr5	II	M10
35	50	68	11	12	1,5 x 60°	28,5	20	20	2,5	**VU212**	**852212**	16MnCr5	I	M10
35	50	86	11	14	1,5 x 60°	15,9	25	25	1,5	**GT08**	**227003**	16MnCr5	I	M12
40	60	99	15	16	1,5 x 60°	21	30	30	2,9	**GT10**	**227004**	16MnCr5	I	M12

Typ I



Typ II



	Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
	N-204 N-205		HO1MA4		B-204 | B-205 HJ-4 | N-04 NL-04		KFD-HE 130	HC-04 HCL-04 HS-04 HS-05		
					B-05 | HOB-05					
				VD016 VT016 VT-S 016						
	N-206 NB-206 V-206	QLC 160 QLC 175 QLK 160 QLK 175	HO15M6 HO15MA6 HO22M6 HO27M6 HO37M6 HO7MA6		B-06 | B-07 B-206 | BB-06 BB-206 BL-206 HOB-06 HOH-06 HOH-106 HOH-206 ML-06 | N-06 NL-06		KFD-HE 170	HC-06 HCH-06 HCL-06 HH-206 HS-06 MH-206	ROTA NC 165 ROTA NC plus 185 ROTA NCD 165 ROTA NCD 185 ROTA NCF 165 ROTA NCF 185 ROTA NCF plus 185 ROTA NCK 165	AL-M 165 | AN-M 165 AP-M 170 | BB-M 165 BB-M 175 | BH-M 165 BHM-FC 165 HFKN-M 165 NT-M 170
				VD021 VK021 VT021 VT-S 021						
	N-208 NB-208 V-208	QLC 200 QLK 200	HO15M8 HO7MA8		B-08 | B-208 BB-08 BB-208 BL-208 HOB-08 HOH-08 HOH-108 HOH-208 ML-08 | N-08 NL-08 | QJR08	ZA6-8-52 ZA6-8-66	KFD-HE 210	HC-08 HCH-08 HCL-08 HH-208 HS-08 MH-208	ROTA NC 210 ROTA NC plus 215 ROTA NCD 210 ROTA NCF 210 ROTA NCF plus 215 ROTA NCK 210	AL-M 210 | AN-M 210 APL-M 215 AP-M 215 | BB-M 210 BH-M 210 BHM-FC 210 HFKN-M 210 NT-M 215
	N-210 NB-210 V-210	QLC 250 QLK 250			B-10 | B-210 BB-10 BB-210 BL-210 HOB-10 HOH-10 HOH-210 N-10 | NL-10 QJR10	ZA6-10-75 ZA6-10-78	KFD-HE 254	HC-10 HCH-10 HCL-10 HH-210 HS-10 MH-210	ROTA NC 250 ROTA NC plus 260 ROTA NCD 250 ROTA NCF 250 ROTA NCF plus 260 ROTA NCK 250	AL-M 250 | AN-M 250 APL-M 260 AP-M 260 | BB-M 250 BH-M 250 BHM-FC 250 HFKN-M 260 NT-M 260

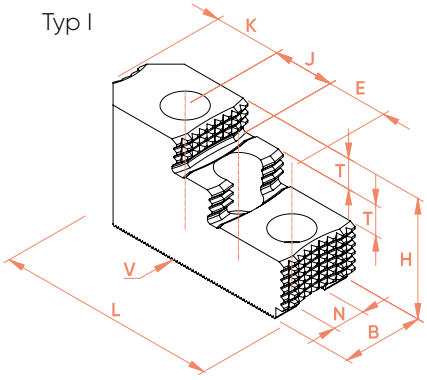
UNIJaws®

Umkehrbare Aufsatzbacken hart, Spitzverzahnung metrisch

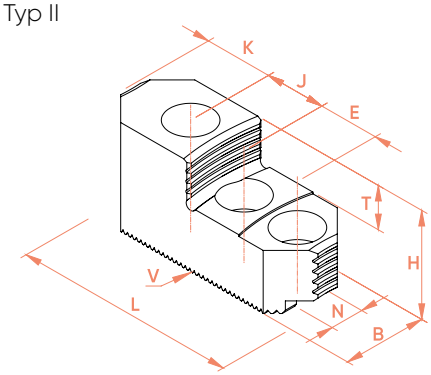
Hard reversible jaws, metric serration

B mm	H mm	L mm	T mm	N mm	V mm	K mm	J mm	E mm	Masse pro Satz *mass pro set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Werkstoff *material*	Typ *type*	Schraube *bolt*
40	50	99	15	16	1,5 x 60°	33,1	30	30	4,5	**VU216**	**852216**	16MnCr5	I	M12
50	60	98	22	18	1,5 x 60°	20,3	30	—	3,6	**GT12**	**227005**	16MnCr5	II	M14
50	60	98	22	21	1,5 x 60°	22	30	—	3,6	**GT13**	**227006**	16MnCr5	III	M16
50	60	98	22	21	1,5 x 60°	48,5	30	30	7,0	**VU221**	**852221**	16MnCr5	III	M16
64	89	140	22	22	1,5 x 60°	26,3	43	43	9,0	**GT15**	**227007**	16MnCr5	I	M20

Typ I



Typ II



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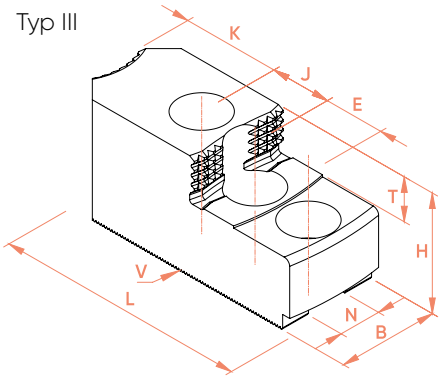


	Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
				VD026 VD031 VK026 VK031 VK-S 026 VL042 VT026 VT031 VT-S 026 VT-S 031						
	V-212				B-12 | HOB-12 HOH-12 | N-12 NL-12	ZA6-12-78 ZA8-12-85 ZA8-12-93		HC-12 HCH-12 HCL-12	ROTA NC 315 ROTA NCF 315 ROTA NCK 315	
	N-212 NB-212	QLC 315 QLC 400 QLK 315 QLK 400			B-212 BB-212 BL-212 QJR12		KFD-HE 315		ROTA NC plus 315 ROTA NCD 315 ROTA NCF plus 315 ROTA NCK 315 ROTA NCK plus 315	AL-M 315 | AN-M 315 APL-M 315 AP-M 315 | BB-M 305 BB-M 315 BH-M 315 BHM-FC 315 GH-M 400 HFKN-M 315 NT-M 315
				VD040 VK040 VK-S 040 VT040 VT-S 040						
	N-215				B-15 | B-18 B-215 | BB-218 BB-221 HJA-11-15 HJA-8-18 HJA-8-21 HLA-8-18 HLA-8-21 HOB-15 HOB-18 HOH-15 HOH-18 | N-15 N-18 | NL-18 NV-15 | NV-18			HC-15 HC-18 HCH-15 HCH-18	ROTA NC 400 ROTA NCF 400	AL-M 400 | AN-M 400 APL-M 400 AP-M 400 | BB-M 400 BH-M 400 | BH-M 450 BHM-FC 400 NT-M 400

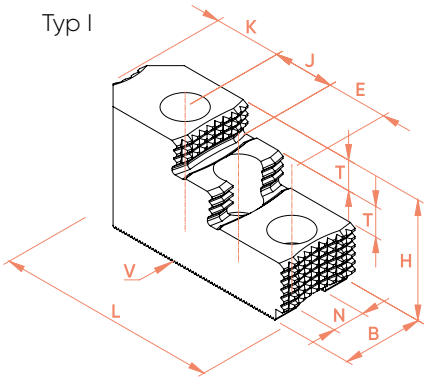
UNIJaws®

Umkehrbare Aufsatzbacken hart, Spitzverzahnung metrisch

Hard reversible jaws, metric serration

B mm	H mm	L mm	T mm	N mm	V mm	K mm	J mm	E mm	Masse pro Satz *mass pro set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Werkstoff *material*	Typ *type*	Schraube *bolt*
63	90	178	40	25	3 x 60°	29	60	60	11,4	**GT21**	**227021**	16MnCr5	II	M20
60	90	178	30	25	3 x 60°	39,5	60	60	22,0	**VU225**	**852225**	16MnCr5	I	M20
48	55	124,5	25	16	Modul 2	79,5	30	—	5,6	**VU416**	**852416**	16MnCr5	IV	M12
75	90	169	50	21	Modul 2	114,5	30	—	18,2	**VU421**	**852421**	16MnCr5	IV	M16

Typ I



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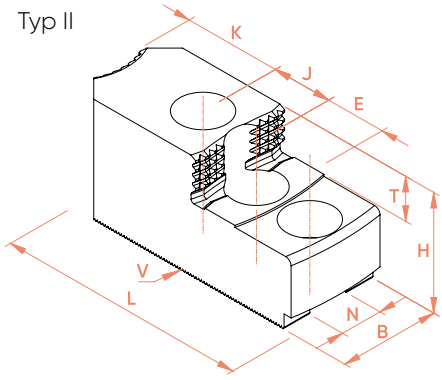
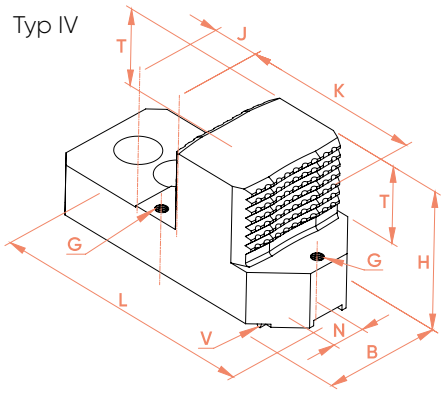


Typ IV



	Auto Strong	Forkardt	HOWA	HWR	Kitagawa	mmk / Matsumoto	Röhm	Samchully	Schunk	SMW-Autoblok
	V-221 V-224				B-21 | B-24 HJ-18 | HJ-21 HJ-24 HOB-21 HOB-24 | N-21 N-24 | NV-21 NV-24 | NV-28 NV-32 | NV-36 NV-40			HC-21 | HC-24 HCH-21 HCH-24 HH-221 HH-224 MH-221 MH-224		
				VD050 VD063 VD080 VD100 VD120 VK050 VK063 VK080 VK-S 050 VK-S 063 VK-S 080 VK-S 100 VT-S 050 VT-S 063 VT-S 080 VT-S 100					
				VL060 VL070						
				VL100 VL120 VL140 VL160 VL180 VL200						

Greiferbacken und harte umkehrbare Aufsatzbacken von HWR für alle gängigen Backenschnellwechselfutter.

Adjustagrip jaws and hard reversible top jaws from HWR for all common quick-change jaw chucks.

Übersicht / Overview

Harte Aufsatzbacken, Kreuzversatz

Hard top jaws, tongue and groove

Greiferbacken hart, Kreuzversatz metrisch

adjustagrip hard jaws, metric tongue and groove

S. 264–283

Greiferbacken hart, Kreuzversatz für INOFlex® VF-Futter

adjustagrip hard jaws, tongue and groove for ***INO****Flex® VF chucks*

S. 266–267

Umkehrbare Aufsatzbacken hart, Kreuzversatz metrisch

hard reversible top-jaws metric tongue and groove

S. 284–285

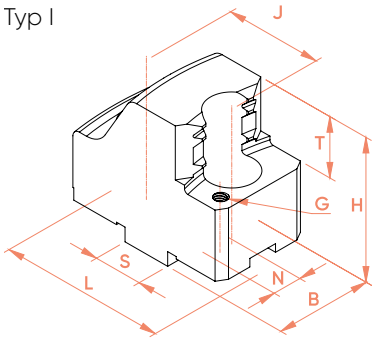
UNIJaws®

Greiferbacken hart, Kreuzversatz

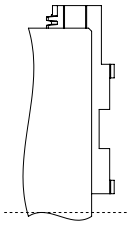
Adjustagrip hard jaws, tongue and groove

Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Pos**	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**N** mm	**S** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Berg	KHNC 160	160	**LY10**	**250101**	I	27 — 62	— — —	1	212	1,3	8	18	30	49	20	32	M6
						47 — 90	— — —	2	241								
			LY14	**250105**	I	81 — 125	— — —	1	212	1,1	8	18	30	49	20	32	M6
						110 — 154	— — —	2	241								
			LY17	**250108**	I	124 — 168	— — —	1	212	1,4	8	18	30	49	20	32	M6
						153 — 197	— — —	2	241								
Berg	KHNC 185	185	**LY10**	**250101**	I	27 — 75	— — —	1	232	1,3	8	18	30	49	20	32	M6
						52 — 103	— — —	2	229								
			LY14	**250105**	I	87 — 139	— — —	1	232	1,1	8	18	30	49	20	32	M6
						116 — 168	— — —	2	228								
			LY17	**250108**	I	130 — 182	— — —	1	232	1,4	8	18	30	49	20	32	M6
						159 — 211	— — —	2	260								
Berg	KHNC 200	200	**LY20**	**250110**	I	27 — 65	— — —	1	250	1,3	10	20	30	49	20	40	M6
						65 — 118	— — —	2	303								
			LY22	**250112**	I	46 — 97	— — —	1	250	1,3	10	20	30	49	20	40	M6
						97 — 150	— — —	2	303								
			LY25	**250115**	I	81 — 133	— — —	1	250	1,2	10	20	30	49	20	40	M6
						133 — 187	— — —	2	303								
Berg	KHNC 250	250	**LY30**	**250120**	I	33 — 100	— — —	1	320	2,4	12	20	40	59	25	40	M6
						93 — 172	— — —	2	392								
			LY32	**250122**	I	60 — 137	— — —	1	320	2,3	12	20	40	59	25	40	M6
						130 — 209	— — —	2	392								
			LY35	**250125**	I	111 — 190	— — —	1	320	2,0	12	20	40	59	25	40	M6
						183 — 263	— — —	2	392								
Berg	KHNC 315	315	**LY30**	**250120**	I	33 — 172	— — —	1	392	2,4	12	20	40	59	25	40	M6
						93 — 243	— — —	2	404								
			LY32	**250122**	I	61 — 209	— — —	1	392	2,3	12	20	40	59	25	40	M6
						130 — 281	— — —	2	404								
			LY35	**250125**	I	112 — 263	— — —	1	392	2,0	12	20	40	59	25	40	M6
						183 — 334	— — —	2	404								

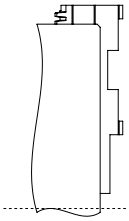
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Berg	KHNC 400	400	**LY40**	**250130**	I	51 — 215	— — —	1	469	4,0	12	26	50	59	25	54	M8
						102 — 290	— — —	2	545								
			LY43	**250133**	I	152 — 342	— — —	1	469	3,2	12	26	50	59	25	54	M8
						227 — 417	— — —	2	545								
Berg	KHNC 500	500	**LY50**	**9901053**	I	78 — 296	— — —	1	612	5,6	18	30	50	78	33	60	M8
						149 — 410	— — —	2	607								
			LY54	**250134**	I	156 — 400	— — —	1	612	4,8	18	30	50	78	33	60	M8
						252 — 515	— — —	2	607								
Forkardt	F+ 160 F 160	160	**LY10**	**250101**	I	27 — 57	— — —	1	212	1,3	8	18	30	49	20	32	M6
						50 — 92	— — —	2	217								
			LY15	**250106**	I	92 — 125	— — —	1	212	1,1	8	18	30	49	20	32	M6
						118 — 160	— — —	2	217								
Forkardt	F+ 200 F 200	200	**LY20**	**250110**	I	28 — 76	— — —	1	267	1,3	10	20	30	49	20	40	M6
						62 — 123	— — —	2	267								
			LY25	**250115**	I	84 — 145	— — —	1	267	1,2	10	20	30	49	20	40	M6
						129 — 192	— — —	2	267								
Forkardt	F+ 250 F 250	250	**LY30**	**250120**	I	37 — 97	— — —	1	324	2,4	12	20	40	59	25	40	M6
						96 — 172	— — —	2	325								
			LY35	**250125**	I	111 — 188	— — —	1	324	2,0	12	20	40	59	25	40	M6
						186 — 263	— — —	2	325								
Forkardt	F+ 315 F 315	318	**LY40**	**250130**	I	55 — 126	— — —	1	388	4,0	12	26	50	59	25	54	M8
						100 — 203	— — —	2	394								
			LY43	**250133**	I	154 — 252	— — —	1	388	3,2	12	26	50	59	25	54	M8
						225 — 330	— — —	2	394								
Forkardt	F+ 400 F 400	400	**LY50**	**9901053**	I	86 — 193	— — —	1	509	5,6	18	30	50	78	33	60	M8
						169 — 312	— — —	2	509								
			LY53	**9902735**	I	117 — 259	— — —	1	509	4,9	18	30	50	78	33	60	M8
						235 — 379	— — —	2	509								
Forkardt	F+ 500 F 500 (S/N >1193650)	500	**LY50**	**9901053**	I	86 — 277	— — —	1	594	5,6	18	30	50	78	33	60	M8
						202 — 397	— — —	2	594								
			LY54	**250134**	I	187 — 381	— — —	1	594	4,8	18	30	50	78	33	60	M8
						306 — 501	— — —	2	594								

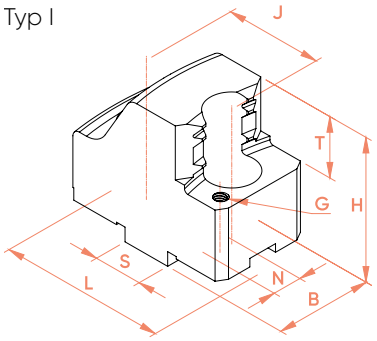
UNIJaws®

Greiferbacken hart, Kreuzversatz

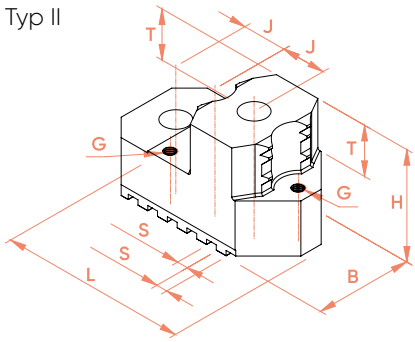
Adjustagrip hard jaws, tongue and groove

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Forkardt	FNC 175	175	**LY10**	**250101**	I	28 — 70	— — —	1	220	1,3	8	18	30	49	20	32	M6
						60 — 105	— — —	2	221								
			LY14	**250105**	I	88 — 134	— — —	1	220	1,1	8	18	30	49	20	32	M6
						124 — 169	— — —	2	221								
			LY17	**250108**	I	131 — 177	— — —	1	220	1,4	8	18	30	49	20	32	M6
						167 — 213	— — —	2	251								
Forkardt	FNC 200	200	**LY20**	**250110**	I	27 — 31	— — —	1	262	1,3	10	20	30	49	20	40	M6
						60 — 125	— — —	2	262								
			LY22	**250112**	I	46 — 52	— — —	1	262	1,3	10	20	30	49	20	40	M6
						92 — 157	— — —	2	262								
			LY25	**250115**	I	81 — 146	— — —	1	262	1,2	10	20	30	49	20	40	M6
						128 — 193	— — —	2	262								
Forkardt	FNC 250	250	**LY30**	**250120**	I	33 — 112	— — —	1	332	2,4	12	20	40	59	25	40	M6
						92 — 183	— — —	2	332								
			LY32	**250122**	I	59 — 149	— — —	1	332	2,3	12	20	40	59	25	40	M6
						129 — 221	— — —	2	332								
			LY35	**250125**	I	111 — 202	— — —	1	332	2,0	12	20	40	59	25	40	M6
						182 — 274	— — —	2	332								
Forkardt	FNC 315	315	**LY30**	**250120**	I	36 — 147	— — —	1	368	2,4	12	20	40	59	25	40	M6
						92 — 219	— — —	2	368								
			LY32	**250122**	I	59 — 185	— — —	1	368	2,3	12	20	40	59	25	40	M6
						129 — 257	— — —	2	368								
			LY35	**250125**	I	111 — 238	— — —	1	368	2,0	12	20	40	59	25	40	M6
						182 — 310	— — —	2	368								
Forkardt	FNC 400	400	**LY40**	**250130**	I	51 — 179	— — —	1	433	4,0	12	26	50	59	25	54	M8
						107 — 256	— — —	2	436								
			LY43	**250133**	I	156 — 305	— — —	1	433	3,2	12	26	50	59	25	54	M8
						233 — 383	— — —	2	436								
Forkardt	FNC 500	500	**LY50**	**9901053**	I	82 — 256	— — —	1	572	5,6	18	30	50	78	33	60	M8
						164 — 376	— — —	2	572								
			LY55	**250135**	I	161 — 373	— — —	1	572	5,1	18	30	50	78	33	60	M8
						280 — 492	— — —	2	581								

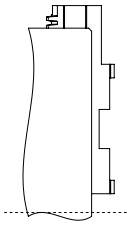
Typ I



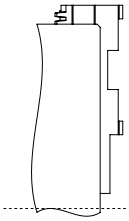
Typ II



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Forkardt	FNC 630	630	**LY50**	**9901053**	I	82 — 359	— — —	1	675	5,6	18	30	50	78	33	60	M8
						181 — 478	— — —	2	675								
			LY55	**250135**	I	179 — 475	— — —	1	675	5,1	18	30	50	78	33	60	M8
						297 — 595	— — —	2	683								
HWR	VF016	160	**VR10**	**850010**	II	30 — 180	87 — 180	—	260	1,7	—	5,5	36,4	38	15	22	M5
HWR	VF026	260	**VR12**	**850012**	II	52 — 255	137 — 255	—	380	4,4	—	5,5	48,4	55	25	22	M6
Röhm	DURO 160 DURO-T 160	160	**LY10**	**250101**	I	31 — 52	— — —	1	207	1,3	8	18	30	49	20	32	M6
						55 — 87	— — —	2	212								
			LY13	**250104**	I	52 — 84	— — —	1	207	1,2	8	18	30	49	20	32	M6
						87 — 120	— — —	2	211								
			LY14	**250105**	I	85 — 115	— — —	1	207	1,1	8	18	30	49	20	32	M6
						118 — 151	— — —	2	211								
			LY15	**250106**	I	89 — 120	— — —	1	207	1,1	8	18	30	49	20	32	M6
						123 — 156	— — —	2	212								
Röhm	DURO 200 DURO-T 200	206	**LY20**	**250110**	I	29 — 69	— — —	1	259	1,3	10	20	30	49	20	40	M6
						64 — 116	— — —	2	259								
			LY25	**250115**	I	85 — 137	— — —	1	259	1,2	10	20	30	49	20	40	M6
						132 — 185	— — —	2	259								
Röhm	DURO 250 DURO-T 250	255	**LY30**	**250120**	I	33 — 101	— — —	1	328	2,4	12	20	40	59	25	40	M6
						99 — 176	— — —	2	329								
			LY34	**250124**	I	109 — 186	— — —	1	328	2,0,	12	20	40	59	25	40	M6
						184 — 262	— — —	2	329								
Röhm	DURO 315 DURO-T 315	318	**LY40**	**250130**	I	52 — 132	— — —	1	394	40	12	26	50	59	25	54	M8
						105 — 208	— — —	2	400								
			LY42	**250132**	I	147 — 251	— — —	1	394	3,2	12	26	50	59	25	54	M8
						224 — 329	— — —	2	400								
Röhm	DURO 400 DURO-T 400	400	**LY50**	**9901053**	I	80 — 187	— — —	1	503	5,6	18	30	50	78	33	60	M8
						162 — 306	— — —	2	503								
			LY54	**250134**	I	151 — 290	— — —	1	503	4,8	18	30	50	78	33	60	M8
						265 — 410	— — —	2	503								

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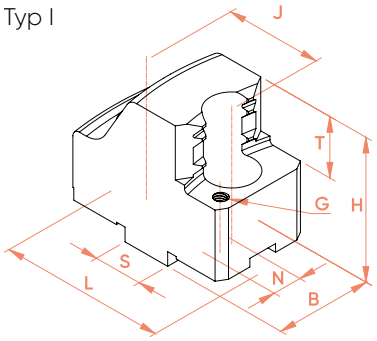
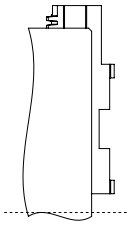
Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Röhm	DURO 500 DURO-T 500	500	**LY50**	**9901053**	I	82 — 274	— — —	1	590	5,6	18	30	50	78	33	60	M8
						198 — 393	— — —	2	590								
			LY55	**250135**	I	195 — 390	— — —	1	590	5,1	18	30	50	78	33	60	M8
						314 — 510	— — —	2	599								
Röhm	DURO-NC 140	145	**LY10**	**250101**	I	27 — 63	— — —	1	187	1,3	8	18	30	49	20	32	M6
						53 — 98	— — —	2	223								
			LY13	**250104**	I	52 — 95	— — —	1	186	1,2	8	18	30	49	20	32	M6
						85 — 131	— — —	2	221								
Röhm	DURO-NC 160	160	**LY10**	**250101**	I	27 — 59	— — —	1	209	1,3	8	18	30	49	20	32	M6
						51 — 95	— — —	2	211								
			LY14	**250105**	I	78 — 123	— — —	1	209	1,1	8	18	30	49	20	32	M6
						114 — 159	— — —	2	211								
			LY17	**250108**	I	121 — 166	— — —	1	209	1,4	8	18	30	49	20	32	M6
						157 — 202	— — —	2	241								
Röhm	DURO-NC 175	175	**LY10**	**250101**	I	30 — 72	— — —	1	223	1,3	8	18	30	49	20	32	M6
						65 — 109	— — —	2	226								
			LY14	**250105**	I	91 — 136	— — —	1	223	1,1	8	18	30	49	20	32	M6
						128 — 174	— — —	2	226								
			LY17	**250108**	I	134 — 179	— — —	1	223	1,4	8	18	30	49	20	32	M6
						172 — 217	— — —	2	255								
Röhm	DURO-NC 200	200	**LY20**	**250110**	I	30 — 72	— — —	1	263	1,3	10	20	30	49	20	40	M6
						65 — 109	— — —	2	279								
			LY22	**250112**	I	91 — 136	— — —	1	263	1,3	10	20	30	49	20	40	M6
						128 — 174	— — —	2	279								
			LY25	**250115**	I	134 — 179	— — —	1	263	1,2	10	20	30	49	20	40	M6
						172 — 217	— — —	2	279								
Röhm	DURO-NC 225	225	**LY20**	**250110**	I	29 — 117	— — —	1	308	1,3	10	20	30	49	20	40	M6
						73 — 165	— — —	2	308								
			LY24	**250114**	I	89 — 181	— — —	1	308	1,2	10	20	30	49	20	40	M6
						137 — 229	— — —	2	308								

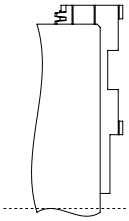
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Pos**	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**N** mm	**S** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Röhm	DURO-NC 250	260	**LY30**	**250120**	I	33 — 113	— — —	1	332	2,4	12	20	40	59	25	40	M6
						92 — 196	— — —	2	340								
			LY32	**250122**	I	55 — 150	— — —	1	332	2,3	12	20	40	59	25	40	M6
						129 — 233	— — —	2	340								
			LY35	**250125**	I	106 — 203	— — —	1	332	2,0,	12	20	40	59	25	40	M6
						182 — 287	— — —	2	340								
Röhm	DURO-NC 315	320	**LY40**	**250130**	I	51 — 146	— — —	1	400	4,0	12	26	50	59	25	54	M8
						96 — 230	— — —	2	410								
			LY43	**250133**	I	152 — 273	— — —	1	400	3,2	12	26	50	59	25	54	M8
						221 — 357	— — —	2	410								
Röhm	DURO-NC 400	400	**LY50**	**9901053**	I	74 — 221	— — —	1	528	5,6	18	30	50	78	33	60	M8
						101 — 280	— — —	2	588								
			LY55	**250135**	I	160 — 340	— — —	1	528	5,1	18	30	50	78	33	60	M8
						208 — 389	— — —	2	588								
Röhm	DURO-NC 500	500	**LY50**	**9901053**	I	149 — 326	— — —	1	642	5,6	18	30	50	78	33	60	M8
						268 — 446	— — —	2	642								
			LY52	**9902736**	I	208 — 386	— — —	1	642	5,1	18	30	50	78	33	60	M8
						327 — 505	— — —	2	642								
Röhm	DURO-NCES 175	175	**LY10**	**250101**	I	29 — 41	— — —	1	178	1,3	8	18	30	49	20	32	M6
						35 — 75	— — —	2	200								
			LY13	**250104**	I	52 — 72	— — —	1	178	1,2	8	18	30	49	20	32	M6
						66 — 108	— — —	2	199								
			LY15	**250106**	I	94 — 108	— — —	1	178	1,1	8	18	30	49	20	32	M6
						102 — 143	— — —	2	200								
			LY16	**250107**	I	127 — 141	— — —	1	191	1,4	8	18	30	49	20	32	M6
						135 — 177	— — —	2	227								
Röhm	DURO-NCES 200	215	**LY20**	**250110**	I	31 — 79	— — —	1	260	1,3	10	20	30	49	20	40	M6
						58 — 127	— — —	2	270								
			LY25	**250115**	I	87 — 148	— — —	1	260	1,2	10	20	30	49	20	40	M6
						125 — 196	— — —	2	270								

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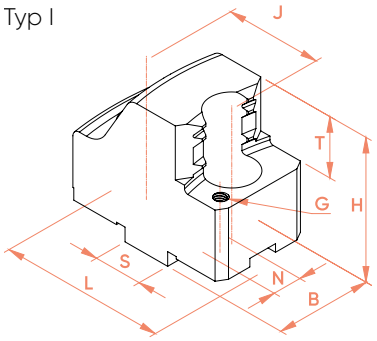
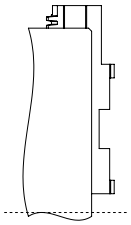
Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Pos**	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**N** mm	**S** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
Röhm	DURO-NCES 250	260	**LY30**	**250120**	I	36 — 91	— — —	1	306	2,4	12	20	40	59	25	40	M6
						85 — 166	— — —	2	319								
			LY35	**250125**	I	111 — 182	— — —	1	306	2,0	12	20	40	59	25	40	M6
						175 — 257	— — —	2	319								
Röhm	DURO-NCES 315	315	**LY30**	**250120**	I	44 — 145	— — —	1	382	2,4	12	20	40	59	25	40	M6
						119 — 222	— — —	2	375								
			LY35	**250125**	I	132 — 235	— — —	1	382	2,0	12	20	40	59	25	40	M6
						209 — 313	— — —	2	375								
Röhm	DURO-NCES 400	400	**LY40**	**250130**	I	52 — 149	— — —	1	410	4,0	12	26	50	59	25	54	M8
						143 — 268	— — —	2	458								
			LY43	**250133**	I	154 — 276	— — —	1	410	3,2	12	26	50	59	25	54	M8
						270 — 395	— — —	2	458								
Schunk	ROTA THW 165	165	**LY10**	**250101**	I	29 — 50	— — —	1	182	1,3	8	18	30	49	20	32	M6
						37 — 67	— — —	2	200								
			LY13	**250104**	I	51 — 82	— — —	1	182	1,2	8	18	30	49	20	32	M6
						68 — 100	— — —	2	200								
			LY14	**250105**	I	81 — 113	— — —	1	182	1,1	8	18	30	49	20	32	M6
						98 — 131	— — —	2	200								
			LY17	**250108**	I	124 — 156	— — —	1	194	1,4	8	18	30	49	20	32	M6
						141 — 169	— — —	2	212								
Schunk	ROTA THW 210	210	**LY20**	**250110**	I	27 — 73	— — —	1	247	1,3	10	20	30	49	20	40	M6
						58 — 110	— — —	2	285								
			LY22	**250112**	I	53 — 105	— — —	1	247	1,3	10	20	30	49	20	40	M6
						90 — 142	— — —	2	285								
			LY25	**250115**	I	88 — 141	— — —	1	247	1,2	10	20	30	49	20	40	M6
						126 — 179	— — —	2	285								
Schunk	ROTA THW 250	250	**LY30**	**250120**	I	33 — 88	— — —	1	296	2,4	12	20	40	59	25	40	M6
						91 — 151	— — —	2	360								
			LY32	**250122**	I	66 — 126	— — —	1	296	2,3	12	20	40	59	25	40	M6
						128 — 189	— — —	2	360								
			LY35	**250125**	I	117 — 178	— — —	1	296	2,0	12	20	40	59	25	40	M6
						181 — 242	— — —	2	360								

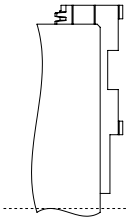
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA THW 265	265	**LY30**	**250120**	I	33 — 99	— — —	1	307	2,4	12	20	40	59	25	40	M6
						91 — 162	— — —	2	371								
			LY32	**250122**	I	66 — 136	— — —	1	307	2,3	12	20	40	59	25	40	M6
						128 — 200	— — —	2	371								
			LY35	**250125**	I	117 — 189	— — —	1	307	2,0	12	20	40	59	25	40	M6
						181 — 253	— — —	2	371								
Schunk	ROTA THW 315	315	**LY30**	**250120**	I	36 — 115	— — —	1	345	2,4	12	20	40	59	25	40	M6
						119 — 202	— — —	2	433								
			LY32	**250122**	I	71 — 152	— — —	1	345	2,3	12	20	40	59	25	40	M6
						157 — 240	— — —	2	433								
			LY35	**250125**	I	122 — 205	— — —	1	345	2,0	12	20	40	59	25	40	M6
						210 — 293	— — —	2	433								
Schunk	ROTA THW 400	400	**LY40**	**250130**	I	55 — 166	— — —	1	420	4,0	12	26	50	59	25	54	M8
						117 — 243	— — —	2	498								
			LY43	**250133**	I	166 — 292	— — —	1	420	3,2	12	26	50	59	25	54	M8
						243 — 370	— — —	2	498								
Schunk	ROTA THW 500	500	**LY50**	**9901053**	I	80 — 221	— — —	1	535	5,6	18	30	50	78	33	60	M8
						170 — 328	— — —	2	523								
			LY55	**250135**	I	179 — 337	— — —	1	535	5,1	18	30	50	78	33	60	M8
						286 — 445	— — —	2	531								
Schunk	ROTA THW 630	630	**LY50**	**9901053**	I	178 — 267	— — —	1	662	5,6	18	30	50	78	33	60	M8
						376 — 466	— — —	2	662								
			LY55	**250135**	I	294 — 384	— — —	1	662	5,1	18	30	50	78	33	60	M8
						493 — 583	— — —	2	670								
Schunk	ROTA THW plus 165	165	**LY10**	**250101**	I	27 — 64	— — —	1	201	1,3	8	18	30	49	20	32	M6
						27 — 81	— — —	2	206								
			LY13	**250104**	I	56 — 96	— — —	1	201	1,2	8	18	30	49	20	32	M6
						55 — 114	— — —	2	205								
			LY15	**250106**	I	91 — 132	— — —	1	201	1,1	8	18	30	49	20	32	M6
						90 — 150	— — —	2	206								

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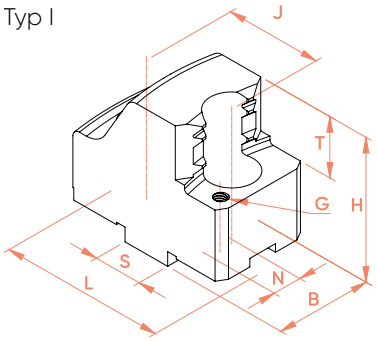
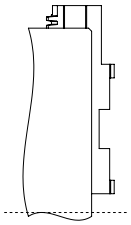
Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA THW plus 185	185	**LY10**	**250101**	I	28 — 85	— — —	1	224	1,3	8	18	30	49	20	32	M6
						28 — 103	— — —	2	228								
			LY15	**250106**	I	93 — 154	— — —	1	224	1,1	8	18	30	49	20	32	M6
						93 — 172	— — —	2	228								
Schunk	ROTA THW plus 215	215	**LY20**	**250110**	I	28 — 85	— — —	1	266	1,3	10	20	30	49	20	40	M6
						37 — 123	— — —	2	266								
			LY25	**250115**	I	84 — 153	— — —	1	266	1,2	10	20	30	49	20	40	M6
						103 — 192	— — —	2	266								
Schunk	ROTA THW plus 260	260	**LY30**	**250120**	I	35 — 111	— — —	1	326	2,4	12	20	40	59	25	40	M6
						72 — 175	— — —	2	328								
			LY34	**250124**	I	104 — 197	— — —	1	326	2,0	12	20	40	59	25	40	M6
						156 — 260	— — —	2	328								
Schunk	ROTA THW plus 315	315	**LY30**	**250120**	I	33 — 149	— — —	1	387	2,4	12	20	40	59	25	40	M6
						96 — 232	— — —	2	385								
			LY34	**250124**	I	103 — 234	— — —	1	387	2,0,	12	20	40	59	25	40	M6
						181 — 318	— — —	2	385								
Schunk	ROTA THWB 210	210	**LY20**	**250110**	I	33 — 72	— — —	1	255	1,3	10	20	30	49	20	40	M6
						69 — 109	— — —	2	255								
			LY25	**250115**	I	99 — 140	— — —	1	255	1,2	10	20	30	49	20	40	M6
						137 — 178	— — —	2	255								
Schunk	ROTA THWB 265	265	**LY30**	**250120**	I	42 — 98	— — —	1	314	2,4	12	20	40	59	25	40	M6
						102 — 161	— — —	2	314								
			LY32	**250122**	I	77 — 135	— — —	1	314	2,3	12	20	40	59	25	40	M6
						140 — 199	— — —	2	314								
			LY35	**250125**	I	129 — 188	— — —	1	314	2,0	12	20	40	59	25	40	M6
						193 — 252	— — —	2	314								
Schunk	ROTA THWB 315	315	**LY40**	**250130**	I	57 — 112	— — —	1	373	4,0	12	26	50	59	25	54	M8
						89 — 168	— — —	2	357								
			LY43	**250133**	I	157 — 237	— — —	1	373	3,2	12	26	50	59	25	54	M8
						214 — 295	— — —	2	357								

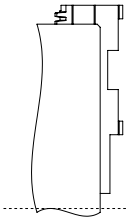
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA THWB 400	400	**LY50**	**9901053**	I	84 — 184	— — —	1	440	5,6	18	30	50	78	33	60	M8
						121 — 233	— — —	2	425								
			LY55	**250135**	I	186 — 300	— — —	1	440	5,1	18	30	50	78	33	60	M8
						236 — 349	— — —	2	434								
Schunk	ROTA THWB 500	500	**LY50**	**9901053**	I	80 — 207	— — —	1	522	5,6	18	30	50	78	33	60	M8
						197 — 328	— — —	2	524								
			LY55	**250135**	I	192 — 323	— — —	1	522	5,1	18	30	50	78	33	60	M8
						313 — 445	— — —	2	531								
Schunk	ROTA-G 160	160	**LY10**	**250101**	I	27 — 73	— — —	1	190	1,3	8	18	30	49	20	32	M6
						40 — 91	— — —	2	242								
			LY14	**250105**	I	84 — 137	— — —	1	190	1,1	8	18	30	49	20	32	M6
						102 — 155	— — —	2	242								
			LY17	**250108**	I	127 — 180	— — —	1	219	1,4	8	18	30	49	20	32	M6
						145 — 198	— — —	2	242								
Schunk	ROTA-G 200	200	**LY20**	**250110**	I	30 — 100	— — —	1	236	1,3	10	20	30	49	20	40	M6
						66 — 137	— — —	2	322								
			LY22	**250112**	I	61 — 132	— — —	1	236	1,3	10	20	30	49	20	40	M6
						97 — 169	— — —	2	322								
			LY25	**250115**	I	87 — 147	— — —	1	259	1,2	10	20	30	49	20	40	M6
						134 — 206	— — —	2	322								
Schunk	ROTA-G 250	250	**LY30**	**250120**	I	33 — 121	— — —	1	264	2,4	12	20	40	59	25	40	M6
						90 — 184	— — —	2	404								
			LY31	**250121**	I	65 — 158	— — —	1	266	2,4	12	20	40	59	25	40	M6
						127 — 221	— — —	2	404								
			LY35	**250125**	I	117 — 211	— — —	1	264	2,0	12	20	40	59	25	40	M6
						180 — 274	— — —	2	404								
Schunk	ROTA-G 315	315	**LY30**	**250120**	I	35 — 144	— — —	1	382	2,4	12	20	40	59	25	40	M6
						96 — 232	— — —	2	385								
			LY34	**250124**	I	105 — 230	— — —	1	382	2,0	12	20	40	59	25	40	M6
						181 — 318	— — —	2	385								

UNIJaws®

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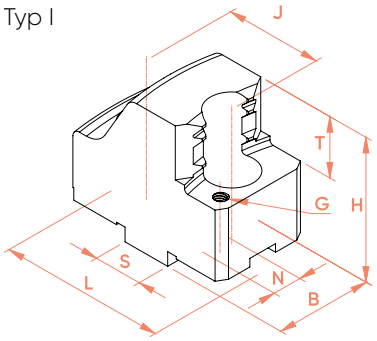
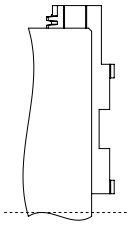
Adjustagrip hard jaws, tongue and groove

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA-G 400	400	**LY40**	**250130**	I	68 — 186	— — —	1	400	4,0	12	26	50	59	25	54	M8
						142 — 263	— — —	2	519								
			LY43	**250133**	I	192 — 313	— — —	1	400	3,2	12	26	50	59	25	54	M8
						269 — 391	— — —	2	519								
Schunk	ROTA-G 500	500	**LY50**	**9901053**	I	113 — 286	— — —	1	602	5,6	18	30	50	78	33	60	M8
						210 — 385	— — —	2	582								
			LY55	**250135**	I	227 — 402	— — —	1	602	5,1	18	30	50	78	33	60	M8
						326 — 502	— — —	2	591								
Schunk	ROTA-G 630	630	**LY50**	**9901053**	I	162 — 435	— — —	1	832	5,6	18	30	50	78	33	60	M8
						286 — 560	— — —	2	758								
			LY53	**9902735**	I	228 — 501	— — —	1	832	4,9	18	30	50	78	33	60	M8
						353 — 627	— — —	2	758								
Schunk	ROTA-S 160	160	**LY10**	**250101**	I	27 — 64	— — —	1	221	1,3	8	18	30	49	20	32	M6
						49 — 99	— — —	2	225								
			LY14	**250105**	I	86 — 128	— — —	1	221	1,1	8	18	30	49	20	32	M6
						112 — 164	— — —	2	224								
Schunk	ROTA-S 200	200	**LY20**	**250110**	I	30 — 80	— — —	1	270	1,3	10	20	30	49	20	40	M6
						65 — 127	— — —	2	270								
			LY25	**250115**	I	86 — 148	— — —	1	270	1,2	10	20	30	49	20	40	M6
						133 — 196	— — —	2	270								
Schunk	ROTA-S 250	250	**LY30**	**250120**	I	38 — 99	— — —	1	326	2,4	12	20	40	59	25	40	M6
						98 — 174	— — —	2	327								
			LY34	**250124**	I	108 — 184	— — —	1	326	2,0	12	20	40	59	25	40	M6
						183 — 260	— — —	2	327								
Schunk	ROTA-S 315	315	**LY40**	**250130**	I	56 — 141	— — —	1	403	4,0	12	26	50	59	25	54	M8
						101 — 218	— — —	2	409								
			LY42	**250132**	I	147 — 261	— — —	1	403	3,2	12	26	50	59	25	54	M8
						220 — 338	— — —	2	409								

Typ I



Pos. I



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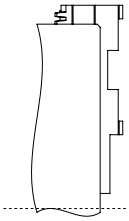

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA-S plus 160	160	**LY10**	**250101**	I	27 — 63	— — —	1	180	1,3	8	18	30	49	20	32	M6
						46 — 98	— — —	2	250								
			LY14	**250105**	I	73 — 127	— — —	1	180	1,1	8	18	30	49	20	32	M6
						109 — 163	— — —	2	250								
			LY17	**250108**	I	116 — 170	— — —	1	209	1,4	8	18	30	49	20	32	M6
						152 — 206	— — —	2	250								
Schunk	ROTA-S plus 200	200	**LY20**	**250110**	I	28 — 80	— — —	1	216	1,3	10	20	30	49	20	40	M6
						64 — 127	— — —	2	312								
			LY22	**250112**	I	49 — 112	— — —	1	216	1,3	10	20	30	49	20	40	M6
						96 — 159	— — —	2	312								
			LY25	**250115**	I	84 — 148	— — —	1	216	1,2	10	20	30	49	20	40	M6
						132 — 196	— — —	2	312								
Schunk	ROTA-S plus 250	250	**LY30**	**250120**	I	33 — 101	— — —	1	250	2,4	12	20	40	59	25	40	M6
						97 — 176	— — —	2	396								
			LY32	**250122**	I	61 — 138	— — —	1	250	2,3	12	20	40	59	25	40	M6
						135 — 213	— — —	2	396								
			LY35	**250125**	I	112 — 191	— — —	1	250	2,0	12	20	40	59	25	40	M6
						187 — 267	— — —	2	396								
Schunk	ROTA-S plus 315	315	**LY40**	**250130**	I	54 — 142	— — —	1	322	4,0	12	26	50	59	25	54	M8
						100 — 219	— — —	2	458								
			LY43	**250133**	I	152 — 269	— — —	1	322	3,2	12	26	50	59	25	54	M8
						225 — 347	— — —	2	458								
Schunk	ROTA-S plus 400	400	**LY50**	**9901053**	I	74 — 195	— — —	1	499	5,6	18	30	50	78	33	60	M8
						167 — 314	— — —	2	505								
			LY55	**250135**	I	168 — 314	— — —	1	499	5,1	18	30	50	78	33	60	M8
						286 — 433	— — —	2	515								
Schunk	ROTA-S plus 500	500	**LY50**	**9901053**	I	89 — 266	— — —	1	588	5,6	18	30	50	78	33	60	M8
						198 — 396	— — —	2	588								
			LY55	**250135**	I	205 — 402	— — —	1	588	5,1	18	30	50	78	33	60	M8
						317 — 515	— — —	2	597								

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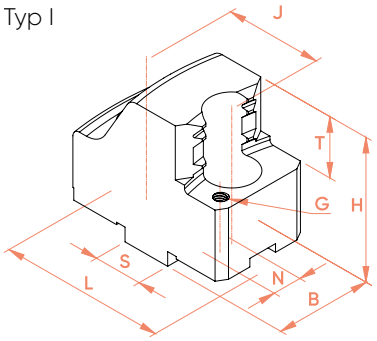
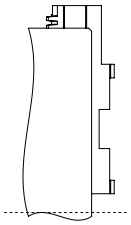
Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
Schunk	ROTA-S plus 2.0 160	160	**LY10**	**250101**	I	27 — 54	— — —	1	209	1,3	8	18	30	49	20	32	M6
						38 — 88	— — —	2	214								
			LY12	**250103**	I	50 — 82	— — —	1	209	1,2	8	18	30	49	20	32	M6
						66 — 117	— — —	2	213								
			LY15	**250106**	I	89 — 121	— — —	1	209	1,1	8	18	30	49	20	32	M6
						105 — 157	— — —	2	214								
Schunk	ROTA-S plus 2.0 200	200	**LY20**	**250110**	I	32 — 72	— — —	1	263	1,3	10	20	30	49	20	40	M6
						49 — 120	— — —	2	263								
			LY25	**250115**	I	88 — 141	— — —	1	263	1,2	10	20	30	49	20	40	M6
						116 — 189	— — —	2	263								
Schunk	ROTA-S plus 2.0 250	250	**LY30**	**250120**	I	33 — 101	— — —	1	328	2,4	12	20	40	59	25	40	M6
						82 — 170	— — —	2	323								
			LY34	**250124**	I	110 — 186	— — —	1	328	2,0	12	20	40	59	25	40	M6
						167 — 256	— — —	2	323								
Schunk	ROTA-S plus 2.0 315	315	**LY40**	**250130**	I	53 — 124	— — —	1	386	4,0	12	26	50	59	25	54	M8
						86 — 203	— — —	2	394								
			LY42	**250132**	I	153 — 243	— — —	1	386	3,2	12	26	50	59	25	54	M8
						204 — 323	— — —	2	394								
SMW-Autoblok	HG-F 160	165	**LY10**	**250101**	I	30 — 42	— — —	1	197	1,3	8	18	30	49	20	32	M6
						45 — 76	— — —	2	201								
			LY13	**250104**	I	52 — 74	— — —	1	197	1,2	8	18	30	49	20	32	M6
						77 — 109	— — —	2	200								
			LY15	**250106**	I	89 — 109	— — —	1	197	1,1	8	18	30	49	20	32	M6
						112 — 145	— — —	2	201								
			LY17	**250108**	I	127 — 148	— — —	1	197	1,4	8	18	30	49	20	32	M6
						151 — 183	— — —	2	232								
SMW-Autoblok	HG-F 210	210	**LY20**	**250110**	I	30 — 61	— — —	1	250	1,3	10	20	30	49	20	40	M6
						47 — 98	— — —	2	241								
			LY25	**250115**	I	86 — 129	— — —	1	250	1,2	10	20	30	49	20	40	M6
						114 — 167	— — —	2	241								

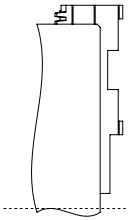
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Pos**	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**N** mm	**S** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	HG-F 260	260	**LY30**	**250120**	I	36 — 73	— — —	1	298	2,4	12	20	40	59	25	40	M6
						83 — 147	— — —	2	300								
			LY32	**250122**	I	59 — 110	— — —	1	298	2,3	12	20	40	59	25	40	M6
						120 — 185	— — —	2	300								
			LY35	**250125**	I	110 — 163	— — —	1	298	2,0	12	20	40	59	25	40	M6
						173 — 238	— — —	2	300								
SMW-Autoblok	HG-F 315	315	**LY40**	**250130**	I	53 — 111	— — —	1	372	4,0	12	26	50	59	25	54	M8
						85 — 201	— — —	2	392								
			LY42	**250132**	I	160 — 236	— — —	1	372	3,2	12	26	50	59	25	54	M8
						210 — 328	— — —	2	392								
SMW-Autoblok	HG-F 400	400	**LY50**	**9901053**	I	87 — 176	— — —	1	491	5,6	18	30	50	78	33	60	M8
						151 — 294	— — —	2	490								
			LY54	**250134**	I	154 — 280	— — —	1	491	4,8	18	30	50	78	33	60	M8
						254 — 398	— — —	2	490								
SMW-Autoblok	HG-F 500	500	**LY50**	**9901053**	I	86 — 210	— — —	1	525	5,6	18	30	50	78	33	60	M8
						168 — 328	— — —	2	524								
			LY55	**250135**	I	166 — 326	— — —	1	525	5,1	18	30	50	78	33	60	M8
						284 — 445	— — —	2	533								
SMW-Autoblok	HG-N 160	165	**LY10**	**250101**	I	28 — 57	— — —	1	194	1,3	8	18	30	49	20	32	M6
						36 — 75	— — —	2	200								
			LY13	**250104**	I	52 — 89	— — —	1	194	1,2	8	18	30	49	20	32	M6
						67 — 108	— — —	2	199								
			LY15	**250106**	I	93 — 125	— — —	1	194	1,1	8	18	30	49	20	32	M6
						103 — 144	— — —	2	200								
			LY16	**250107**	I	126 — 158	— — —	1	208	1,4	8	18	30	49	20	32	M6
						136 — 177	— — —	2	227								
SMW-Autoblok	HG-N 210	210	**LY20**	**250110**	I	28 — 64	— — —	1	243	1,3	10	20	30	49	20	40	M6
						51 — 101	— — —	2	243								
			LY25	**250115**	I	84 — 132	— — —	1	243	1,2	10	20	30	49	20	40	M6
						118 — 169	— — —	2	243								

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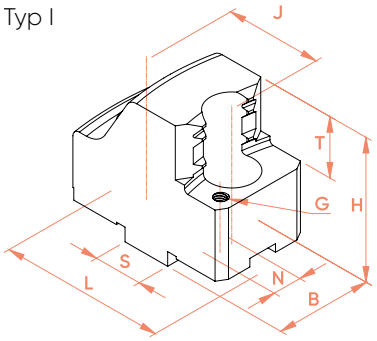
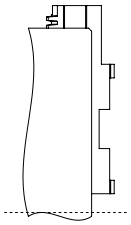
Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	HG-N 260	260	LY30	250120	I	33 — 85	— — —	1	299	2,4	12	20	40	59	25	40	M6
						78 — 147	— — —	2	300								
			LY35	250125	I	107 — 175	— — —	1	299	2,0	12	20	40	59	25	40	M6
						168 — 238	— — —	2	300								
SMW-Autoblok	HG-N 315	315	LY30	250120	I	38 — 116	— — —	1	355	2,4	12	20	40	59	25	40	M6
						121 — 203	— — —	2	357								
			LY35	250125	I	124 — 207	— — —	1	355	2,0	12	20	40	59	25	40	M6
						211 — 294	— — —	2	357								
SMW-Autoblok	HG-N 400	400	LY40	250130	I	52 — 162	— — —	1	425	4,0	12	26	50	59	25	54	M8
						123 — 239	— — —	2	431								
			LY43	250133	I	172 — 289	— — —	1	425	3,2	12	26	50	59	25	54	M8
						249 — 366	— — —	2	431								
SMW-Autoblok	HG-N 500	500	LY50	9901053	I	78 — 207	— — —	1	522	5,6	18	30	50	78	33	60	M8
						182 — 328	— — —	2	524								
			LY55	250135	I	177 — 323	— — —	1	522	5,1	18	30	50	78	33	60	M8
						298 — 445	— — —	2	533								
SMW-Autoblok	HG-N 630	630	LY50	9901053	I	142 — 288	— — —	1	685	5,6	18	30	50	78	33	60	M8
						339 — 488	— — —	2	685								
			LY55	250135	I	257 — 405	— — —	1	685	5,1	18	30	50	78	33	60	M8
						456 — 604	— — —	2	693								
SMW-Autoblok	KNCS 140	140	LY10	250101	I	28 — 45	— — —	2	180	1,3	8	18	30	49	20	32	M6
			LY11	250102	I	39 — 49	— — —	2	180	1,3	8	18	30	49	20	32	M6
			LY12	250103	I	53 — 73	— — —	2	180	1,2	8	18	30	49	20	32	M6
			LY13	250104	I	57 — 77	— — —	2	180	1,2	8	18	30	49	20	32	M6
			LY14	250105	I	88 — 108	— — —	2	180	1,1	8	18	30	49	20	32	M6
			LY15	250106	I	92 — 113	— — —	2	180	1,1	8	18	30	49	20	32	M6
			LY16	250107	I	125 — 146	— — —	2	194	1,4	8	18	30	49	20	32	M6
			LY17	250108	I	130 — 151	— — —	2	198	1,4	8	18	30	49	20	32	M6

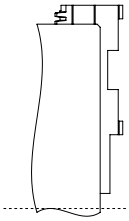
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	KNCS 160	160	**LY10**	**250101**	I	27 — 46	— — —	1	177	1,3	8	18	30	49	20	32	M6
						34 — 63	— — —	2	195								
			LY13	**250104**	I	57 — 78	— — —	1	177	1,2	8	18	30	49	20	32	M6
						65 — 96	— — —	2	195								
			LY14	**250105**	I	78 — 109	— — —	1	177	1,1	8	18	30	49	20	32	M6
						96 — 127	— — —	2	195								
			LY17	**250108**	I	121 — 152	— — —	1	190	1,4	8	18	30	49	20	32	M6
						139 — 170	— — —	2	208								
SMW-Autoblok	KNCS 170	170	**LY10**	**250101**	I	27 — 54	— — —	1	186	1,3	8	18	30	49	20	32	M6
						40 — 72	— — —	2	204								
			LY13	**250104**	I	54 — 87	— — —	1	186	1,2	8	18	30	49	20	32	M6
						72 — 104	— — —	2	204								
			LY14	**250105**	I	85 — 118	— — —	1	186	1,1	8	18	30	49	20	32	M6
						102 — 135	— — —	2	204								
			LY17	**250108**	I	127 — 161	— — —	1	199	1,4	8	18	30	49	20	32	M6
						145 — 179	— — —	2	217								
SMW-Autoblok	KNCS 175	175	**LY10**	**250101**	I	27 — 53	— — —	1	190	1,3	8	18	30	49	20	32	M6
						41 — 71	— — —	2	195								
			LY13	**250104**	I	55 — 86	— — —	1	190	1,2	8	18	30	49	20	32	M6
						72 — 103	— — —	2	194								
			LY15	**250106**	I	90 — 121	— — —	1	190	1,1	8	18	30	49	20	32	M6
						108 — 139	— — —	2	195								
			LY16	**250107**	I	123 — 155	— — —	1	204	1,4	8	18	30	49	20	32	M6
						141 — 173	— — —	2	222								
SMW-Autoblok	KNCS 200	204	**LY20**	**250110**	I	27 — 61	— — —	1	235	1,3	10	20	30	49	20	40	M6
						56 — 98	— — —	2	273								
			LY22	**250112**	I	51 — 93	— — —	1	235	1,3	10	20	30	49	20	40	M6
						88 — 130	— — —	2	273								
			LY25	**250115**	I	86 — 129	— — —	1	235	1,2	10	20	30	49	20	40	M6
						124 — 167	— — —	2	273								

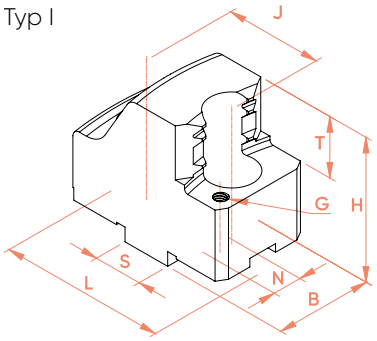
UNIJaws®

Greiferbacken hart, Kreuzversatz

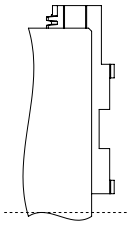
Adjustagrip hard jaws, tongue and groove

Futterhersteller *manufacturer*	**Futter-type** *chuck type*	**Drm.** *dia.* mm	**Backen-typ** *jaw type*	**Ident-Nr.** *ident-no.*	**Typ** *type*	**Spannbereich** *grip range* **Außen Ø** *external Ø* min-max/mm	**Innen Ø** *internal Ø* min-max/mm	**Pos**	**Schwing-kreis Ø** *swing Ø* max./mm	**m/ Satz** *m/ set* kg	**N** mm	**S** mm	**B** mm	**H** mm	**T** mm	**J** mm	**G** mm
SMW-Autoblok	KNCS 210	208	**LY20**	**250110**	I	28 — 65	— — —	1	245	1,3	10	20	30	49	20	40	M6
						61 — 102	— — —	2	245								
			LY25	**250115**	I	92 — 133	— — —	1	245	1,2	10	20	30	49	20	40	M6
						129 — 171	— — —	2	245								
SMW-Autoblok	KNCS 250	250	**LY30**	**250120**	I	33 — 84	— — —	1	291	2,4	12	20	40	59	25	40	M6
						86 — 147	— — —	2	355								
			LY32	**250122**	I	61 — 121	— — —	1	291	2,3	12	20	40	59	25	40	M6
						123 — 184	— — —	2	355								
			LY35	**250125**	I	113 — 174	— — —	1	291	2	12	20	40	59	25	40	M6
						176 — 237	— — —	2	355								
SMW-Autoblok	KNCS 260	260	**LY30**	**250120**	I	33 — 95	— — —	1	302	2,4	12	20	40	59	25	40	M6
						86 — 158	— — —	2	366								
			LY32	**250122**	I	61 — 132	— — —	1	302	2,3	12	20	40	59	25	40	M6
						123 — 195	— — —	2	366								
			LY35	**250125**	I	113 — 185	— — —	1	302	2	12	20	40	59	25	40	M6
						176 — 248	— — —	2	366								
SMW-Autoblok	KNCS 315-77	315	**LY30**	**250120**	I	36 — 115	— — —	1	344	2,4	12	20	40	59	25	40	M6
						119 — 202	— — —	2	432								
			LY32	**250122**	I	70 — 152	— — —	1	344	2,3	12	20	40	59	25	40	M6
						156 — 239	— — —	2	432								
			LY35	**250125**	I	122 — 205	— — —	1	344	2	12	20	40	59	25	40	M6
						209 — 293	— — —	2	432								
SMW-Autoblok	KNCS 315-91	315	**LY30**	**250120**	I	46 — 126	— — —	1	356	2,4	12	20	40	59	25	40	M6
						130 — 213	— — —	2	444								
			LY32	**250122**	I	82 — 164	— — —	1	356	2,3	12	20	40	59	25	40	M6
						168 — 251	— — —	2	444								
			LY35	**250125**	I	134 — 217	— — —	1	356	2	12	20	40	59	25	40	M6
						221 — 304	— — —	2	444								
SMW-Autoblok	KNCS 400	400	**LY40**	**250130**	I	51 — 165	— — —	1	419	4	12	26	50	59	25	54	M8
						116 — 242	— — —	2	497								
			LY43	**250133**	I	165 — 292	— — —	1	419	3,2	12	26	50	59	25	54	M8
						242 — 369	— — —	2	497								

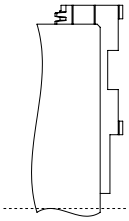
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	KNCS 500	500	**LY50**	**9901053**	I	74 — 208	— — —	1	515	5,6	18	30	50	78	33	60	M8
						178 — 327	— — —	2	515								
			LY55	**250135**	I	177 — 326	— — —	1	515	5,1	18	30	50	78	33	60	M8
						296 — 445	— — —	2	555								
SMW-Autoblok	KNCS 630	630	**LY50**	**9901053**	I	80 — 250	— — —	1	645	5,6	18	30	50	78	33	60	M8
						261 — 449	— — —	2	645								
			LY55	**250135**	I	179 — 366	— — —	1	645	5,1	18	30	50	78	33	60	M8
						378 — 566	— — —	2	653								
SMW-Autoblok	KNCS-N 140	145	**LY10**	**250101**	I	28 — 47	— — —	1 / 2	184	1,3	8	18	30	49	20	32	M6
			LY11	**250102**	I	32 — 51	— — —	1 / 2	184	1,3	8	18	30	49	20	32	M6
			LY12	**250103**	I	54 — 75	— — —	1 / 2	184	1,2	8	18	30	49	20	32	M6
			LY13	**250104**	I	58 — 79	— — —	1 / 2	184	1,2	8	18	30	49	20	32	M6
			LY14	**250105**	I	88 — 110	— — —	1 / 2	184	1,1	8	18	30	49	20	32	M6
			LY15	**250106**	I	93 — 115	— — —	1 / 2	184	1,1	8	18	30	49	20	32	M6
			LY16	**250107**	I	126 — 148	— — —	1 / 2	197	1,4	8	18	30	49	20	32	M6
			LY17	**250108**	I	131 — 153	— — —	1 / 2	201	1,4	8	18	30	49	20	32	M6
SMW-Autoblok	KNCS-N 170	170	**LY10**	**250101**	I	29 — 60	— — —	1	191	1,3	8	18	30	49	20	32	M6
						45 — 77	— — —	2	209								
			LY13	**250104**	I	60 — 92	— — —	1	191	1,2	8	18	30	49	20	32	M6
						77 — 109	— — —	2	209								
			LY14	**250105**	I	90 — 123	— — —	1	191	1,1	8	18	30	49	20	32	M6
						108 — 141	— — —	2	209								
			LY17	**250108**	I	133 — 166	— — —	1	204	1,4	8	18	30	49	20	32	M6
						151 — 154	— — —	2	222								
SMW-Autoblok	KNCS-N 210	210	**LY20**	**250110**	I	27 — 91	— — —	1	266	1,3	10	20	30	49	20	40	M6
						58 — 128	— — —	2	303								
			LY22	**250112**	I	54 — 113	— — —	1	266	1,3	10	20	30	49	20	40	M6
						89 — 160	— — —	2	303								
			LY24	**250114**	I	84 — 144	— — —	1	266	1,2	10	20	30	49	20	40	M6
						125 — 197	— — —	2	303								

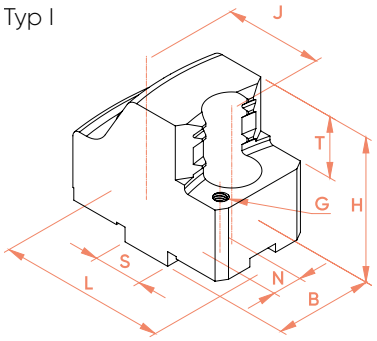
UNIJaws®

Greiferbacken hart, Kreuzversatz

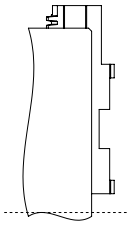
Adjustagrip hard jaws, tongue and groove

Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/Satz *m/set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	KNCS-N 225	225	**LY20**	**250110**	I	27 — 92	— — —	1	267	1,3	10	20	30	49	20	40	M6
						59 — 130	— — —	2	305								
			LY22	**250112**	I	55 — 124	— — —	1	271	1,3	10	20	30	49	20	40	M6
						91 — 162	— — —	2	305								
			LY25	**250115**	I	91 — 160	— — —	1	271	1,2	10	20	30	49	20	40	M6
						127 — 198	— — —	2	305								
SMW-Autoblok	KNCS-N 260	260	**LY30**	**250120**	I	33 — 105	— — —	1	313	2,4	12	20	40	59	25	40	M6
						86 — 168	— — —	2	377								
			LY32	**250122**	I	61 — 143	— — —	1	313	2,3	12	20	40	59	25	40	M6
						123 — 206	— — —	2	377								
			LY35	**250125**	I	112 — 195	— — —	1	313	2,0	12	20	40	59	25	40	M6
						176 — 259	— — —	2	377								
SMW-Autoblok	KNCS-N 275	275	**LY30**	**250120**	I	33 — 107	— — —	1	322	2,4	12	20	40	59	25	40	M6
						90 — 171	— — —	2	323								
			LY35	**250125**	I	117 — 198	— — —	1	322	2,0	12	20	40	59	25	40	M6
						180 — 262	— — —	2	323								
SMW-Autoblok	KNCS-N 315	315	**LY30**	**250120**	I	46 — 126	— — —	1	356	2,4	12	20	40	59	25	40	M6
						130 — 213	— — —	2	444								
			LY32	**250122**	I	81 — 163	— — —	1	356	2,3	12	20	40	59	25	40	M6
						167 — 251	— — —	2	444								
			LY35	**250125**	I	123 — 226	— — —	1	372	2,0	12	20	40	59	25	40	M6
						221 — 304	— — —	2	444								

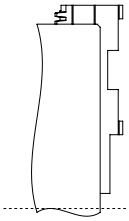
Typ I



Pos. I



Pos. II



Futterhersteller *manufacturer*	Futter-type *chuck type*	Drm. *dia.* mm	Backen-typ *jaw type*	Ident-Nr. *ident-no.*	Typ *type*	Spannbereich *grip range* Außen Ø *external Ø* min-max/mm	Spannbereich *grip range* Innen Ø *internal Ø* min-max/mm	Pos	Schwing-kreis Ø *swing Ø* max./mm	m/ Satz *m/ set* kg	N mm	S mm	B mm	H mm	T mm	J mm	G mm
SMW-Autoblok	KNCS-N 325	324	**LY30**	**250120**	I	46 — 146	— — —	1	383	2,4	12	20	40	59	25	40	M6
						131 — 234	— — —	2	386								
			LY35	**250125**	I	134 — 237	— — —	1	383	2,0	12	20	40	59	25	40	M6
						222 — 325	— — —	2	386								
SMW-Autoblok	KNCS-N 340	340	**LY30**	**250120**	I	60 — 161	— — —	1	398	2,4	12	20	40	59	25	40	M6
						146 — 248	— — —	2	401								
			LY35	**250125**	I	149 — 252	— — —	1	398	2,0	12	20	40	59	25	40	M6
						237 — 340	— — —	2	401								
SMW-Autoblok	KNCS-N 400	400	**LY40**	**250130**	I	67 — 191	— — —	1	446	4,0	12	26	50	59	25	54	M8
						143 — 269	— — —	2	525								
			LY43	**250133**	I	191 — 318	— — —	1	446	3,2	12	26	50	59	25	54	M8
						269 — 397	— — —	2	525								
SMW-Autoblok	KNCS-N 500	500	**LY50**	**9901053**	I	74 — 235	— — —	1	543	5,6	18	30	50	78	33	60	M8
						180 — 357	— — —	2	545								
			LY55	**250135**	I	177 — 354	— — —	1	543	5,1	18	30	50	78	33	60	M8
						298 — 475	— — —	2	585								
SMW-Autoblok	KNCS-N 630	630	**LY50**	**9901053**	I	79 — 249	— — —	1	643	5,6	18	30	50	78	33	60	M8
						260 — 448	— — —	2	643								
			LY55	**250135**	I	178 — 365	— — —	1	643	5,1	18	30	50	78	33	60	M8
						376 — 564	— — —	2	651								

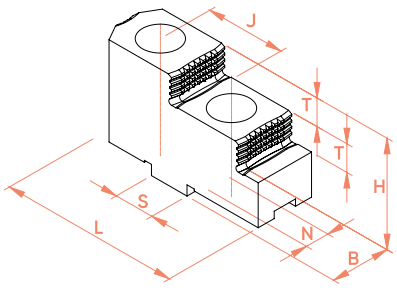
UNIJaws®

Umkehrbare Aufsatzbacken hart, Kreuzversatz metrisch

Hard reversible jaws, metric tongue and groove

B mm	H1 mm	H2 mm	L mm	J mm	T mm	N mm	S mm	Masse pro Satz *mass pro set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Werkstoff *material*	Schraube *bolt*
20	36,5	32,5	63	32	7,5	8	18	0,6	**GX16**	**249001**	16MnCr5	M8
22	42	38	72	40	10	10	20	0,8	**GX20**	**249002**	16MnCr5	M8
30	55	50	90	40	14	12	20	1,9	**GX25**	**249003**	16MnCr5	M12
36	62	56	105	54	15	12	26	3,2	**GX32**	**249004**	16MnCr5	M12
45	75	70	130	60	20	18	30	10,8	**GX40**	**249005**	16MnCr5	M16

Typ I



Berg	Forkardt	Röhm	Samchully	Schunk	SMW-Autoblok
KHNC 160 KHNC 185	F 160 | F+ 160 | FNC 175 KTNC 160 | KTNCV 160 KTNCV 175	DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-NCE 175 DURO-NCES 175 DURO-T 160	QJC-206	ROTA NC-W 185 | ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185 | ROTA-G 160 ROTA-S 160 | ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160 | HG-N 160 | KNCS 160 KNCS 170 | KNCS 175 | KNCS-N 170 KNSP 160 | RMG 160
KHNC 200	F 200 | F+ 200 | FNC 200 KTNC 200 | KTNCV 200	DURO 200 DURO-NC 200 DURO-NC 225 DURO-NCE 200 DURO-NCES 200 DURO-T 200	QJC-208	ROTA NC-W 225 ROTA NC-WF 210 | ROTA THW 210 ROTA THW plus 215 ROTA THWB 210 | ROTA-G 200 ROTA-S 200 | ROTA-S plus 200 ROTA-S plus 2.0 200	HG-F 210 | HG-N 210 | KNCS 200 KNCS 210 | KNCS 225 | KNCS-N 210 KNCS-N 225 | KNCS-NB 210 KNCS-NB 225 | KNSP 200 RMG 200
KHNC 250 KHNC 315	F 250 | F+ 250 | FNC 250 FNC 315 | KTNC 250 KTNC 265 | KTNC 280 KTNC 315 | KTNCV 250 KTNCV 270 | KTNCV 315	DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO-NCES 250 DURO-NCES 315 DURO-T 250	QJC-210 QJC-212	ROTA NC-W 265 | ROTA NC-W 315 ROTA NC-WF 250 ROTA NC-WF 315 | ROTA THW 250 ROTA THW 265 | ROTA THW 315 ROTA THW plus 260 ROTA THW plus 315 ROTA THWB 265 | ROTA-G 250 ROTA-G 315 | ROTA-S 250 ROTA-S plus 250 ROTA-S plus 2.0 250	HG-F 260 | HG-N 260 | HG-N 315 KNCS 250 | KNCS 260 | KNCS 315 KNCS 340 | KNCS-N 260 KNCS-N 275 | KNCS-N 315 KNCS-NB 260 | KNCS-NB 275 KNCS-NB 315 | RMG 250
KHNC 400	F 315 | F+ 315 | FNC 400 KTNC 360 | KTNC 400 KTNCV 400	DURO 315 DURO-NC 315 DURO-NC 340 DURO-NCE 400 DURO-NCES 400 DURO-T 315	QJC-215	ROTA NC-W 400 | ROTA THW 400 ROTA THWB 315 | ROTA-G 400 ROTA-S 315 | ROTA-S plus 315 ROTA-S plus 2.0 315	HG-F 315 | HG-N 400 | KNCS 400 KNCS-N 400 | KNCS-NB 325 KNCS-NB 340 | KNCS-NB 400 KNCS-NBX 425 | RMG 315
KHNC 500	F 400 | F 500 | F 500L F+ 400 | F+ 500 F+ 500L | FNC 500 FNC 630 | KTNC 500 KTNC 630 | KTNCV 500 KTNCV 630	DURO 400 | DURO 500 DURO-NC 400 DURO-NC 500 DURO-NCE 500 DURO-T 400 DURO-T 500		ROTA-S 400 | ROTA-S 500 ROTA THW 500 | ROTA THW 630 ROTA THW 800 | ROTA THWB 400 ROTA THWB 500 | ROTA-G 500 ROTA-S plus 400 ROTA-S plus 500	HG-F 400 | HG-F 500 | HG-N 500 HG-N 600 | HG-N 630 | KNCS 500 KNCS 630 | KNCS 800 | KNCS-N 500 KNCS-N 630 | KNCS-NB 500 KNCS-NB 630 | KNCS-NB 800 KNCS-NBX 530 | KNCS-NBX 630 KNCS-NBX 800 | KNCS-NBX 1000

Bei uns erhalten Sie Grund-, Monoblock- und harte umkehrbare Stufenblockbacken für die gängigsten Backenschnellwechselfutter.

We supply base-jaws, monoblock and hard reversible stepped jaws for the most common quick-change chucks.

Übersicht / Overview

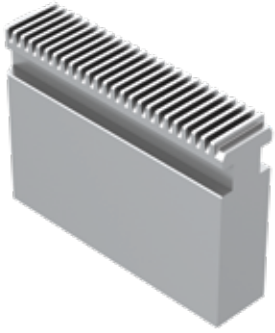
Spannbacken mit Modulverzahnung für Backenschnellwechselfutter

Jaws with angled and straight serration for quick-change chucks

Grundbacken hart, Modulgeradverzahnung / Modulschrägverzahnung

Hard base jaws Straight serration / Angled serration

S. 288–289



Blockbacken weich, Modulgeradverzahnung / Modulschrägverzahnung

Soft monoblock jaws Straight serration / Angled serration

S. 290–291

Stufenblockbacken hart, Modulgeradverzahnung / Modulschrägverzahnung

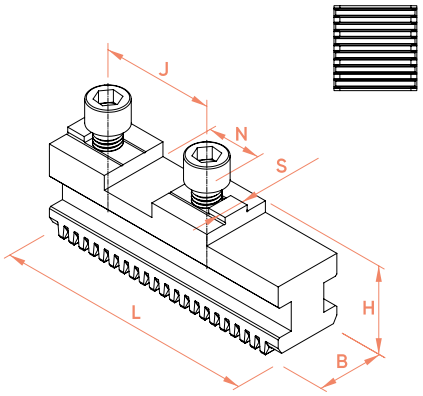
Hard stepped monoblock jaws Straight serration / Angled serration

S. 292–293

UNIJaws®

Grundbacken hart, Modulgeradverzahnung

Hard base jaws, module straight serration

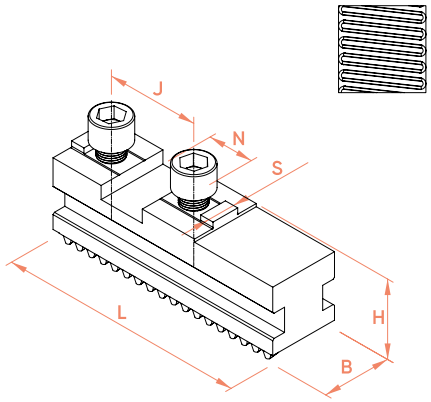


B mm	H mm	L mm	N mm	S mm	J mm	Schraube *bolt*	Masse/Sz *mass/set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Röhm	Schunk	SMW-Autoblok
20	27	65	18	8	32	M8 x 20	0,7	**GBS16**	**263016**	DURO-NCES 175	ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185 ROTA-G 160	HG-N 160 KNCS 160 KNCS 175 KNCS-N 170 KNSP 160 RMG 160
22	29,5	85	20	10	40	M8 x 20	1,0	**GBS20**	**263020**	DURO-NCES 200	ROTA THW 210 ROTA THW plus 215 ROTA THW vario 215 ROTA-G 200	HG-N 210 KNCS 200 KNCS 210 KNCS-N 210 KNCS-N 225 KNSP 200 RMG 200
26	37	104	20	12	40	M12 x 35	1,8	**GBS25**	**263025**	DURO-NCES 250	ROTA THW 250 ROTA THW 265 ROTA THW plus 260 ROTA-G 250	HG-N 260 KNCS 250 KNCS 260 KNCS-N 260 KNCS-N 275 RMG 250
32	42	115	20	12	40	M12 x 25	2,7	**GBS31**	**263031**	DURO-NCES 315	ROTA THW 315 ROTA THW plus 315 ROTA-G 315	HG-N 315 KNCS 315 KNCS-N 315 KNCS-N 325 KNCS-N 340
32	42	125	26	12	54	M12 x 30	3,0	**GBS40**	**263040**	DURO-NCES 400	ROTA THW 400	HG-N 400 KNCS 400 KNCS-N 400 RMG 315
45	57	160	30	18	60	M16 x 45	7,1	**GBS50**	**263050**		ROTA THW 500	HG-N 500 KNCS 500 KNCS-N 500
45	57	200	30	18	60	M16 x 45	9,0	**GBS63**	**263063**		ROTA THW 630 ROTA THW 800	HG-N 630 KNCS 630 KNCS-N 630

UNIJaws®

Grundbacken hart, Modulschrägverzahnung

Hard base jaws, module angled serration

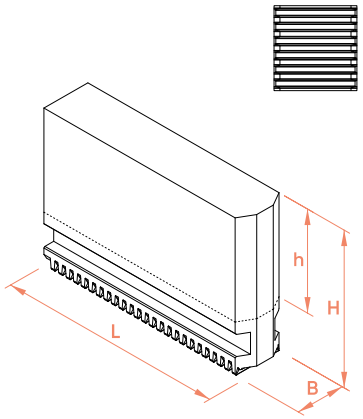


B mm	H mm	L mm	N mm	S mm	J mm	Schraube *bolt*	Masse/Sz *mass/set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Forkardt	Röhm	Schunk	SMW-Autoblok
20	29,5	74	18	8	32	M8x1 x 20	0,8	**MFG160**	**265001**	F 160 F+ 160 FNC 175 KTNC 160 KTNCV 160 KTNCV 175	DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-T 160	ROTA-S 160 ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160
22	35	90	20	10	40	M8x1 x 20	1,2	**MFG200**	**265002**	F 200 F+ 200 FNC 200 KTNC 200 KTNCV 200	DURO 200 DURO-NC 200 DURO-NC 225 DURO-NCE 200 DURO-T 200	ROTA-S 200 ROTA-S plus 2.0 200 ROTA-S plus 200	HG-F 210
26	40	110	20	12	40	M12x1,5 x 30	2,0	**MFG250**	**265003**	F 250 F+ 250 FNC 250 FNC 315 KTNC 250 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315	DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO-T 250	ROTA-S 250 ROTA-S plus 2.0 250 ROTA-S plus 250	HG-F 260
32	46	125	26	12	54	M12x1,5 x 35	3,3	**MFG315**	**265004**	F 315 F+ 315 FNC 400 KTNC 360 KTNC 400 KTNCV 400	DURO 315 DURO-NC 315 DURO-NCE 400 DURO-T 315	ROTA-S 315 ROTA-S plus 2.0 315 ROTA-S plus 315	HG-F 315
45	55	160	30	18	60	M16x1,5 x 40	7,3	**MFG400**	**265005**	F 400 F 500 F 500 L F+ 400 F+ 500 FNC 500 FNC 630 KTNC 500 KTNC 630 KTNCV 500 KTNCV 630	DURO 400 DURO 500 DURO-NC 400 DURO-C 500 DURO-NCE 500 DURO-T 400 DURO-T 500	ROTA-S 400 ROTA-S 500 ROTA-S plus 400 ROTA-S plus 500	HG-F 400 HG-F 500
65	58	230	40	24	82	M20 x 40	17,1	**MFG630**	**265006**	F 630 F+ 630	DURO 630 DURO-NC 630 DURO-T 630	ROTA-S 630 ROTA-S plus 630	HG-F 630

UNIJaws®

Blockbacken weich, Modulgeradverzahnt

Soft monoblock jaws, module straight serration

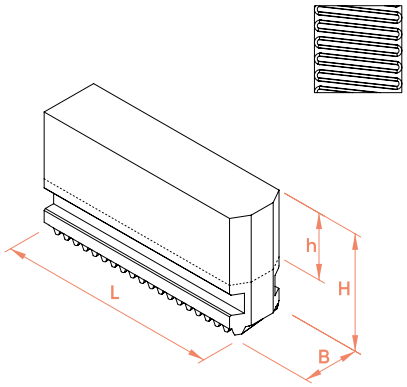


B mm	H mm	h mm	L mm	Masse/Sz *mass/set* kg	Werkstoff *material*	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Röhm	Schunk	SMW-Autoblok
20	55	39	65	1,3	C45	**UVB160**	**255016**	DURO-NCES 175	ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185 ROTA-G 160	KNCS 140 KNCS-N 140 HG-N 160 KNCS 160 KNCS 175 KNCS-N 170 KNSP 160 RMG 160
22	70	45	84	2,0	C45	**UVB200**	**255020**	DURO-NCES 200	ROTA THW 210 ROTA THW plus 215 ROTA THW vario 215 ROTA-G 200	HG-N 210 KNCS 200 KNCS 210 KNCS-N 210 KNCS-N 225 KNSP 200 RMG 200
26	84	55	99	4,2	C45	**UVB250**	**255025**	DURO-NCES 250	ROTA THW 250 ROTA THW 265 ROTA THW plus 260 ROTA-G 250	HG-N 260 KNCS 250 KNCS 260 KNCS-N 260 KNCS-N 275 RMG 250
32	100	66	118	6,6	C45	**UVB315**	**255031**	DURO-NCES 315	ROTA THW 315 ROTA THW plus 315 ROTA-G 315	HG-N 315 KNCS 315 KNCS-N 315 KNCS-N 325 KNCS-N 340
32	100	66	145	9,0	C45	**UVB400**	**255040**	DURO-NCES 400	ROTA THW 400	HG-N 400 KNCS 400 KNCS-N 400 RMG 315
45	134	87	175	19,5	C45	**UVB500**	**255050**		ROTA THW 500	HG-N 500 KNCS 500 KNCS-N 500
45	134	87	230	27,5	C45	**UVB630**	**255063**		ROTA THW 630 ROTA THW 800	HG-N 630 KNCS 630 KNCS-N 630

UNIJaws®

Blockbacken weich, Modulschrägverzahnt

Soft monoblock jaws, module angled serration

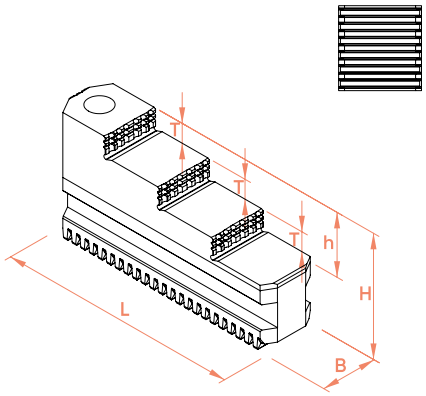


B mm	H mm	h mm	L mm	Masse/Sz *mass/set* kg	Werkstoff *material*	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Forkardt	Röhm	Schunk	SMW-Autoblok
20	45	24	79	1,4	C45	**BL16**	**257016**	F 160 F+ 160 FNC 175 KTNC 160 KTNCV 160 KTNCV 175	DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-T 160	ROTA-S 160 ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160
22	60	35	94	2,5	C45	**BL20**	**257020**	F 200 F+ 200 FNC 200 KTNC 200 KTNCV 200	DURO 200 DURO-NC 200 DURO-NC 225 DURO-NCE 200 DURO-T 200	ROTA-S 200 ROTA-S plus 2.0 200 ROTA-S plus 200	HG-F 210
22	80	55	94	2,8	C45	**BL20H**	**257021**				
26	70	40	115	4,3	C45	**BL25**	**257025**	F 250 F+ 250 FNC 250 FNC 315 KTNC 250 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315	DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO-T 250	ROTA-S 250 ROTA-S plus 2.0 250 ROTA-S plus 250	HG-F 260
26	100	70	115	4,8	C45	**BL25H**	**257026**				
32	81	46	140	7,3	C45	**BL31**	**257031**	F 315 F+ 315 FNC 400 KTNC 360 KTNC 400 KTNCV 400	DURO 315 DURO-NC 315 DURO-NCE 400 DURO-T 315	ROTA-S 315 ROTA-S plus 2.0 315 ROTA-S plus 315	HG-F 315
32	135	100	140	13,2	C45	**BL31H**	**257032**				
45	93	53	176	15,8	C45	**BL40**	**257040**	F 400 F 500 F 500 L F+ 400 F+ 500 FNC 500 FNC 630 KTNC 500 KTNC 630 KTNCV 500 KTNCV 630	DURO 400 DURO 500 DURO-NC 400 DURO-NC 500 DURO-NCE 500 DURO-T 400 DURO-T 500	ROTA-S 400 ROTA-S 500 ROTA-S plus 400 ROTA-S plus 500	HG-F 400 HG-F 500
65	120	78	230	28,0	C45	**BL63**	**257063**	F 630 F+ 630	DURO 630 DURO-NC 630 DURO-T 630	ROTA-S 630 ROTA-S plus 630	HG-F 630

UNIJaws®

Stufenblockbacken hart, Modulgeradverzahnung

Hard stepped monoblock jaws, module straight serration

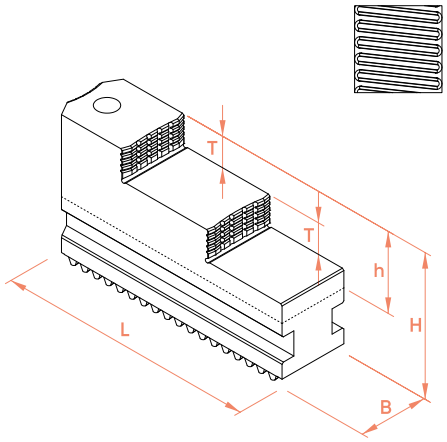


B mm	H mm	h mm	L mm	T mm	Masse/Sz *mass/set* kg	Werkstoff *material*	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Röhm	Schunk	SMW-Autoblok
20	43,5	23	58	7	0,6	16MnCr5	**GST160-1**	**260160**		ROTA THW 165 ROTA THW plus 165 ROTA THW plus 185	KNCS 140 KNCS-N 140 HG-N 160 KNCS 160 KNSP 160 RMG 160
20	43,5	23	58	7	0,6	16MnCr5	**GST160-2**	**260162**			
20	43,5	23	67	7	0,7	16MnCr5	**GST175**	**260175**	DURO-NCES 175	ROTA-G 160	KNCS 175 KNCS-N 170
22	51	26	84	8	1,3	16MnCr5	**GST210**	**260200**	DURO-NCES 200	ROTA THW 210 ROTA THW plus 215 ROTA THW vario 215 ROTA-G 200	HG-N 210 KNCS 200 KNCS 210 KNCS-N 210 KNCS-N 225 KNSP 200 RMG 200
26	60	31	100	10	2,0	16MnCr5	**GST260**	**260250**	DURO-NCES 250	ROTA THW 250 ROTA THW 265 ROTA THW plus 260 ROTA-G 250	HG-N 260 KNCS 250 KNCS 260 KNCS-N 260 KNCS-N 275 RMG 250
32	66	32	117	10	3,4	16MnCr5	**GST315**	**260315**	DURO-NCES 315	ROTA THW 315 ROTA THW plus 315 ROTA-G 315	HG-N 315 KNCS 315 KNCS-N 315 KNCS-N 325 KNCS-N 340
32	70	36	137	11	4,4	16MnCr5	**GST400**	**260400**	DURO-NCES 400	ROTA THW 400	HG-N 400 KNCS 400 KNCS-N 400 RMG 315
45	93	46	175	20	11,7	16MnCr5	**GST500**	**260500**		ROTA THW 500 ROTA THW 630 ROTA THW 800	HG-N 500 KNCS 500 KNCS-N 500 HG 630 HG-N 630 KNCS 630 KNCS-N 630

UNIJaws®

Stufenblockbacken hart, Modulschrägverzahnung

Hard stepped monoblock jaws, module angled serration

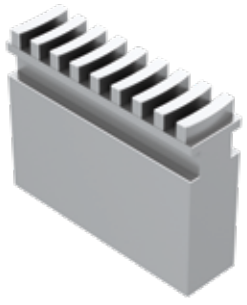


B mm	H mm	h mm	L mm	T mm	Masse/Sz *mass/set* kg	Werkstoff *material*	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Forkardt	Röhm	Schunk	SMW-Autoblok
20	45	24	79	7,5	1,1	16MnCr5	**FST16**	**260016**	F 160 F+ 160 FNC 175 KTNC 160 KTNCV 160 KTNCV 175	DURO 160 DURO-NC 160 DURO-NC 175 DURO-NCE 160 DURO-T 160	ROTA-S 160 ROTA-S plus 160 ROTA-S plus 2.0 160	HG-F 160
22	60	35	94	10	1,9	16MnCr5	**FST20**	**260020**	F 200 F+ 200 FNC 200 KTNC 200 KTNCV 200	DURO 200 DURO-NC 200 DURO-NC 225 DURO- NCE 200 DURO- T 200	ROTA-S 200 ROTA-S plus 2.0 200 ROTA-S plus 200	HG-F 210
26	70	40	114	14	3,4	16MnCr5	**FST25**	**260025**	F 250 F+ 250 FNC 250 FNC 315 KTNC 250 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315	DURO 250 DURO-NC 250 DURO-NCE 250 DURO-NCE 315 DURO T 250	ROTA-S 250 ROTA-S plus 2.0 250 ROTA-S plus 250	HG-F 260
32	81	46	130	15	5,4	16MnCr5	**FST31**	**260031**	F 315 F+ 315 FNC 400 KTNC 360 KTNC 400 KTNCV 400	DURO 315 DURO-NC 315 DURO-NCE 400 DURO-T 315	ROTA-S 315 ROTA-S plus 2.0 315 ROTA-S plus 315	HG-F 315
45	93	52	167	20	11,0	16MnCr5	**FST40**	**260040**	F 400 F 500 F 500 L F+ 400 F+ 500 FNC 500 FNC 630 KTNC 500 KTNC 630 KTNCV 500 KTNCV 630	DURO 400 DURO 500 DURO-NC 400 DURO-NC 500 DURO-NCE 500 DURO-T 400 DURO-T 500	ROTA-S 400 ROTA-S 500 ROTA-S plus 400 ROTA-S plus 500	HG-F 400 HG-F 500

Übersicht / Overview

Blockbacken weich für Bison und Röhm 3-Backen Planspiralfutter

Soft scroll jaws for Bison and Röhm 3-jaw scroll-chucks



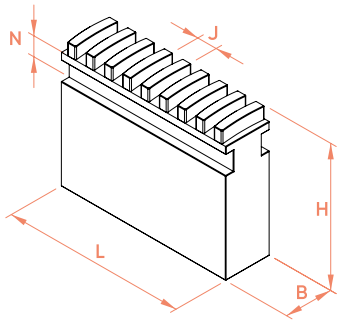
Blockbacken weich, Planspiralfutter

soft scroll jaws, manual scroll chucks

UNIJaws®

Blockbacken weich, Planspiralfutter

Soft scroll jaws, manual scroll chucks



B mm	H mm	L mm	N mm	J mm	Masse pro Satz *mass pro set* kg	Backentyp *jaw type*	Ident-Nr. *ident-no.*	Werkstoff *material*	Bison (3200-3700)	Röhm
20	38	51	8	7	0,8	**EN13**	**293101**	C15	Ø125	
20	51	70	8	8	1,3	**EN16**	**293102**	C15	Ø160	
25	57	85	10	8	2,5	**EN20**	**293103**	C15	Ø200	
28	70	105	12	9	4,2	**EN25**	**293104**	C15	Ø250	
32	76	127	12	10	6,3	**EN32**	**293105**	C15	Ø315	
36	92	145	14	12	10,0	**EN40**	**293112**	C15	Ø400	
40	100	180	14	14,2	16,0	**EN50**	**293113**	C15	Ø500	
50	110	225	14	14,2	16,0	**EN63**	**293145**	C15	Ø630	
18	41,5	52	7	6	0,8	**EH12**	**293125**	C15		ZG 125/3 | ZS 125/3
18	41,5	61	7	6	1,0	**EH14**	**293140**	C15		ZG 140/3 | ZS 140/3
18	51	61	7	8	1,1	**EH16**	**293016**	C15		ZG 160/3 | ZS 160/3
20	57	69	8	8	1,6	**EH20**	**293020**	C15		ZG 200/3 | ZS 200/3
24	70	90	10	10	3,0	**EH25**	**293025**	C15		ZG 250/3 | ZS 250/3
34	76	130	15	10	7,2	**EH32**	**293032**	C15		ZG 315/3 | ZS 315/3 | ZG 350/3 ZS 350/3 | ZG 400/3 | ZS 400/3
42	95	190	15	10	15,6	**EH50**	**293034**	C15		ZG 500/3 | ZS 500/3 | ZG 630/3 ZS 630/3

T-Nutensteine für alle gängigen Spannfutter sowie Zubehör für Ihre Spannaufgaben .

T-nuts for all common chucks and accessories for your clamping tasks .

Übersicht / Overview

Nutensteine und Zubehör

T-Nuts and accessories

Nutensteine

t-nuts

S. 298–310

Spanneinsätze

clamping inserts

S. 311

Auflagebolzen

height pins

S. 312

Spezialfett/Fettpressen

special grease/grease guns

S. 312

Reinigungsplatten

serration cleaning plates

S. 313

Ausdrehvorrichtungen

jaw turning fixtures

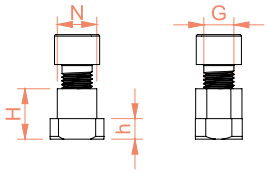
S. 313

UNIJaws®

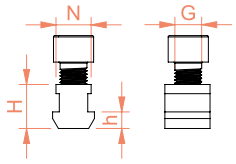
Nutensteine

T-nuts

Typ I

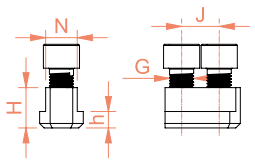


Typ III

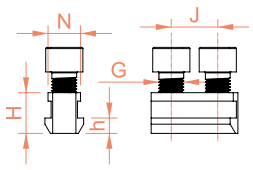


H mm	h mm	N / N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*	Berg
13,7	5,5	10	12	M6	M6 x 18	IV	**X5819**	**9905819**	
21,5	7,5	11	—	M8	M8 x 30	I	**GH13**	**287500**	
17	7	12	—	M8	M8 x 20	I	**GN13**	**287001**	KF 130
17,2	7	12	15	M8	M8 x 20	VIII	**X3720**	**9903720**	
21,5	7,5	12	—	M8	M8 x 25	I	**GF12**	**287532**	
15	6,5	12	16	M8	M8 x 20	IV	**GF13**	**287521**	
17,7	7,5	12	—	M8	M8 x 25	I	**GE13**	**291001**	
20	7,5	14	—	M10	M10 x 25	I	**GF17**	**287510**	
18,5	6,5	14	16,5	M10	M10 x 20	VI	**GF18**	**287511**	
18,5	6,5	14	—	M10	M10 x 25	III	**GF181**	**287522**	
18,5	6,5	14	20	M10	M10 x 25	VI	**GF182**	**287523**	
18,5	6,5	14 / 12	20	M10	M10 x 25	VII	**GF183**	**287524**	
18,5	6,5	14 / 12	—	M8	M8 x 25	III	**GF31**	**537031**	
26,5	9,5	14	—	M10	M10 x 35	I	**GH16**	**287501**	
26,7	12	16	30	M12	M12 x 35	IV	**WN25**	**780025**	KH 250 | KH 315 KHL 250 | KHL 315 KV3 250 | KV3 315
21,5	9	17	19	M12	M12 x 25	IV	**GD16**	**289002**	
21,5	9	17	—	M12	M12 x 25	I	**GE16**	**291002**	
21	8,8	17	—	M10	M10 x 30	I	**GE30**	**537130**	

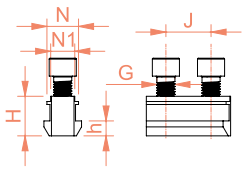
Typ IV



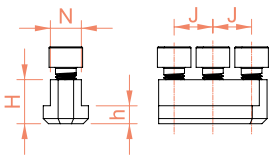
Typ VI



Typ VII



Typ VIII



* bis Baujahr 1997
** up to year of construction 1997*

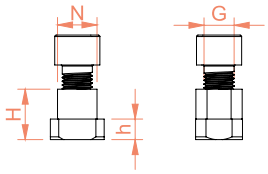
Forkardt	Röhm	Schunk	SMW-Autoblok
	KFD 110 | KFD 125 | KFD 140 KFD-HS 125 | KFD-HS 130 KFD-HS 140	ROTA NCD 130 | ROTA NCD 132	
		ROTA TP 125	SP 125 | STP 125 | STWP 125 *
	KFD 130 | KFD-HS 160 | KFD-HS 175 KFH 140 | LVE 125 | LVE 160	ROTA NCD 160 | ROTA NCD 165	KDV 130
	KFD-HE 170 | KFD-HS 160 KFD-HS 175	ROTA NCD 160 | ROTA NCD 165	
			SP 125
			GHDN 125 | ODN 125
	KFD 130 | KFD-HE 130 | KFH 140		
			GHD-FC 165 | GHDN 165 GHDN 170 | HDB 170 | HDL 170 HDN 170 | IDL 170 | IDN 170 ODN 170
		ROTA NC plus 185 ROTA NCF plus 185 ROTA NCK plus 165	AL-D 165 | AN-D 165 | AP-D 170 BB-D 165 | BB-D 175 | BH-D 165 BHD-FC 165 | HFKN-D 165 HYND-S 180 | NT-D 170
			AL-M 165 | AN-M 165 | AP-M 170 BB-M 175 | BH-M 165 | BHM-FC 165 HFKN-M 165 | NT-M 170
		ROTA TP 160	SP 160 | STP 160 | STWP 160
	KFD 160 | KFD 200 | KFD-AF 160 KFD-AF 200 | KFD-HE 160 KFD-HE 200 | KFD-HE 210 KFD-HF 160 | KFD-HF 200 KFD-HS 200 | KFH 160 | KFH 200 KFH-F 160 | KFH-F 200 | KFH-G 160 KFH-G 200 | KFH-NC 160 KFH-NC 200 | KFL 250 | LVE 200 SPD 160 | SPD 215 | SPO 160 SPO 215		

UNIJaws®

Nutensteine

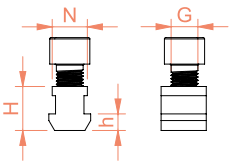
T-nuts

Typ I

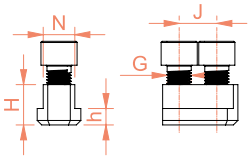


H mm	h mm	N / N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*	Berg
22	8	17	—	M12	M12 x 30	I	**GF20**	**287512**	
20,5	7,5	17	23	M12	M12 x 25	VI	**GF21**	**287513**	
20,5	7,5	17	—	M12	M12 x 25	III	**GF211**	**287525**	
20,5	7,5	17	22	M12	M12 x 25	VI	**GF212**	**287526**	
20,5	7,5	17	—	M10	M10 x 25	III	**GF30**	**537030**	
20,5	7,5	17 / 14	—	M10	M10 x 30	III	**GF32**	**537032**	
20,5	7,5	17 / 14	25	M12	M12 x 30	VII	**GF213**	**287527**	
20	7,5	17 / 14	26	M10	M10 x 30	VII	**WN14**	**780014**	
23	9	17	—	M12	M12 x 30	I	**GN16**	**287002**	
23	9	17	19	M12	M12 x 30	IV	**GG16**	**288002**	
23	9	17	22	M12	M12 x 30	IV	**GG20**	**288001**	
23	9	17	—	M10	M10 x 30	I	**GN50**	**537050**	
27,5	9,5	17	—	M12	M12 x 35	I	**GH20**	**287502**	
25	11	21	—	M16	M16 x 35	I	**GF25**	**287514**	

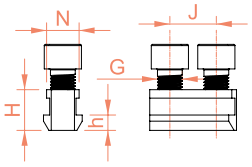
Typ III



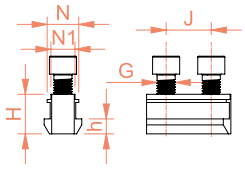
Typ IV



Typ VI



Typ VII



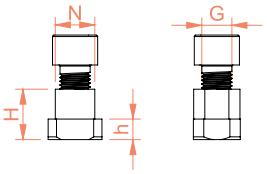
Forkardt	Röhm	Schunk	SMW-Autoblok
			GHD-FC 210 | GHDN 210 | HD-B 220 HDL 200 | HDN 200 | HDN 220 IDL 200 | IDN 200 | ODL 200 ODL 220 | ODN 200 | ODN 220
		ROTA NC 165 | ROTA NC 210 ROTA NC plus 215 | ROTA NCD 185 ROTA NCF 165 | ROTA NCF 210 ROTA NCF plus 215 ROTA NCK plus 210 ROTA NCK plus 250 | ROTA NCO 165 ROTA NCO 21	AL-D 210 | AN-D 210 | AP-D 215 AP-D 260 | APL-D 215 | APL-D 260 BB-D 210 | BH-D 210 | BHD-FC 210 HFKN-D 210 | HYND-S 210 HYND-S 226 | NT-D 215 | NT-D 260
			AL-M 210 | AN-M 210 | APL-M 215 AP-M 215 | BB-M 210 | BH-M 210 BHM-FC 210 | NT-M 215
KG 200 | KGH 160 | KGH 175 KGH 200 | KGHF 160 | KGHF 175 KGHF 200 | KL 160 | KL 200 KLNC 200 | KP 200 | KS 160 | KS 200 KS 250 | KSF 175 | KSF 200 KSH 160 | KSH 200 | KSHF 200 KSHF 250 | KSPS 160 | KSPS 200 KT 160 | KT 200 | KTG 160 | KTG 200 KTGF 200 | KTH 160 | KTH 175 KTH 200 | KTN 160 | KTN 200 NH 160 | NH 175 | NH 200 | NHF 160 | NHF 175 | NHF 200 | QLC 160		ROTA NC 165 | ROTA NC 210 ROTA NCD 210 | ROTA NCD 215 ROTA NCF 165 | ROTA NCF 210	HFK 160 | HFK 200 | HFKS 160 HFKS 200 | KDV 160 | KDV 200 KDV 250 | KDVG 160 | KDVG 200 KDVG 250 | KFMF 160 | KFMF 200 KFV 160 | KFV 200
		ROTA TP 200	LP 205 | SP 200 | SP 240 STP 200 | STWP 200
			GHD-FC 250 | GHD-FC 305 GHD-FC 400 | GHDN 250 | GHDN 315 GHDN 400 | HDB 300 HDL 250 | HDL 315 | HDL 400 HDN 250 | HDN 315 | HDN 400 IDL 250 | IDL 315 | IDL 400 IDN 250 | IDN 315 | IDN 400 ODN 250 | ODN 315 | ODN 400

UNIJaws®

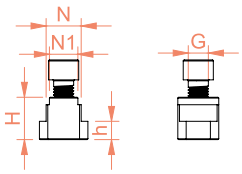
Nutensteine

T-nuts

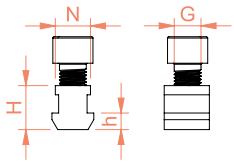
Typ I



Typ II

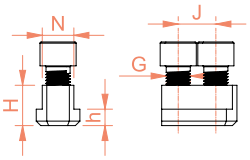


Typ III

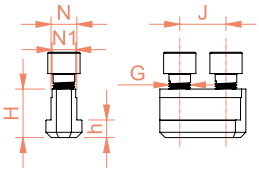


H mm	h mm	N / N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*	Berg
26,5	10	21	30	M16	M16 x 35	VI	**GF26**	**287515**	
26,5	10	21	28	M16	M16 x 35	VI	**GF262**	**287529**	
26,5	10	21 / 16	30	M12	M12 x 35	VII	**GF263**	**287530**	
26,5	10	21 / 16	25	M12	M12 x 30	VII	**TT24**	**820024**	
26,5	10	21 / 14	22	M12	M12 x 35	VII	**TT46**	**820046**	
26,5	10	21	—	M16	M16 x 35	III	**GF261**	**287528**	
26,5	10	21	—	M14	M14 x 35	III	**GF35**	**537035**	
25,5	11	21 / 17	—	M12	M12 x 30	II	**GE21/17**	**291007**	
25,5	11	21 / 17	19	M12	M16 x 35	V	**X2970**	**9902970**	
25	11	21 / 17	—	M10	M10 x 35	II	**GE36**	**537136**	
27	11	21	—	M16	M16 x 35	I	**GN25**	**287003**	
27	11	21	—	M14	M14 x 35	I	**GN70**	**538110**	
27	11	21 / 16	—	M12	M12 x 35	II	**GN77**	**538212**	
27	11	21 / 17	—	M12	M12 x 30	II	**GN21/17**	**287007**	
27	11	21	22	M12	M12 x 40	IV	**TT35**	**820035**	
27	11	21	25	M16	M16 x 35	IV	**GG25**	**288004**	
27	11	21	28	M16	M16 x 35	IV	**GG32**	**288003**	

Typ IV



Typ V



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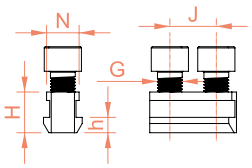
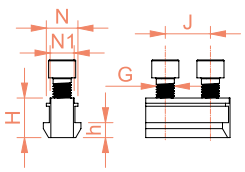


Typ VII



Forkardt	Röhm	Schunk	SMW-Autoblok
		ROTA NC 250 | ROTA NC plus 260 ROTA NC plus 315 ROTA NCF plus 260 ROTA NCF plus 315 ROTA NCK 250 ROTA NCK plus 315 ROTA NCO 260 ROTA NCO 315	AL-D 250 | AL-D 260 | AL-D 315 AN-D 250 | AN-D 260 | AN-D 315 AN-M 250 | AP-D 315 | APL-D 315 APL-M 260 | AP-M 260 | BB-D 250 BB-D 315 | BH-D 250 | BH-D 315 BHD-FC 250 | BHD-FC 315 HFKN-D 260 | HFKN-D 315 HYND-S 250 | HYND-S 315 NT-D 315
		ROTA NC 250 | ROTA NC plus 260 ROTA NC plus 315 | ROTA NCF 250 ROTA NCF plus 260 ROTA NCF plus 315 ROTA NCK plus 315 | ROTA NCO 260 ROTA NCO 315	AL-D 250 | AL-D 260 | AL-D 315 AL-M 315 | AN-D 250 | AN-D 260 AN-D 315 | AN-M 250 | AN-M 315 AP-D 315 | APL-D 315 | APL-M 260 APL-M 315 | AP-M 260 | AP-M 315 BB-D 250 | BB-D 315 | BB-M 315 BH-D 250 | BH-D 315 | BHD-FC 250 BHD-FC 315 | BH-M 315 BHM-FC 315 | HFKN-D 260 HFKN-D 315 | HFKN-M 315 HYND-S 250 | HYND-S 315 NT-D 315 | NT-M 260 | NT-M 315
	KFD-HS 250		HDN 250S
KG 250 | KG 315 | KL 250 | KLNC 250 KLNC 315 | KP 250 | KP 315 | KS 315 KS 400 | KSH 250 | KSH 315 KSH 400 | KSHF 250 | KSHF 315 KSHF 400 | KSPS 250 | KSPS 300 KT 250 | KT 315 | KTG 250 | KTG 315 KTGF 250 | KTGF 315 | KTN 250 KTN 315 | NH 250 | KSHF 315 KSHF 400 | KSPS 250 | KSPS 300 KT 250 | KT 315 | KTG 250 | KTG 315 KTGF 250 | KTGF 315 | KTN 250 KTN 315 | NH 250 | NH 257 | NH 260 NH 290 | NH 315 | NHF 250 NHF 315 | QLC 250 | QLC 315 QLC-KS 315 | QLC-KS 400 | QLK 250 QLK 315 | QLK-KS 315		ROTA NC 250 | ROTA NC 315 ROTA NCD 250 | ROTA NCD 255 ROTA NCD 315 | ROTA NCF 250 ROTA NCF 315	HFK 250 | HFK 270 | HFK 315 HFKS 250 | HFKS 315 | KDV 315 KDV 400 | KDVG 315 | KDVG 400 KFMF 250 | KFMF 315 | KFV 250 KFV 315 | KZF 200 | KZF-ES 200

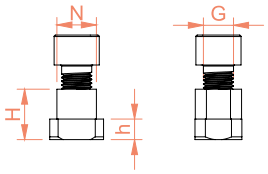
UNIJaws®

Nutensteine

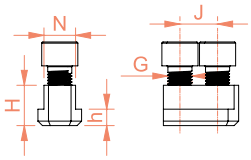
T-nuts

H mm	h mm	N / N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*	Berg
25	11	21	—	M16	M16 x 35	I	**GE25**	**291003**	
25	11	21	—	M14	M14 x 35	I	**GE35**	**537135**	
25,5	11	21	22	M12	M12 x 35	IV	**TT34**	**820034**	
30	11	21	—	M16	M16 x 35	I	**GH26**	**287504**	
29	11	25,5	—	M20	M20 x 40	I	**GN40**	**287004**	
29	11	25,5	35	M20	M20 x 40	IV	**GG40**	**288005**	
33,7	15,5	25,5	—	M20	M20 x 45	I	**GE40**	**291004**	
34,5	15	25,5 / 22	—	M20	M20 x 40	V	**X7960**	**9907960**	
36	15	30	—	M24	M24 x 50	I	**GN60**	**287006**	
41	15	30	—	M24	M24 x 50	I	**GN80**	**287005**	

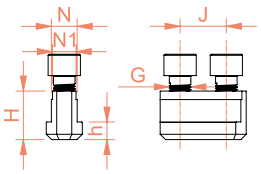
Typ I



Typ IV



Typ V



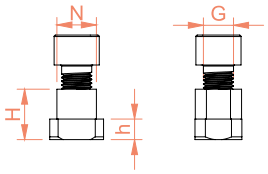
Forkardt	Röhm	Schunk	SMW-Autoblok
	KFD 250 | KFD 315 | KFD-AF 250 KFD-AF 315 | KFD-G 200K | FD-HE 254 KFD-HE 315 | KFD-HF 250 KFD-HF 315 | KFD-HS 250 KFD-HS 315 | KFH 250 | KFH 315 KFH-F 250 | KFH-F 315 | KFH-G 250 KFH-G 315 | KFH-NC 250 KFH-NC 315 | KFL 315 | KFL 400 LVE 250 | LVE 315 | SPD 300 | SPO 300		GHD 400 | GHD-FC 250 GHD-FC 305 | GHD-FC 315 GHD-FC 400 | GHDN 250 GHDN 305 | GHDN 315 | GHDN 400 GH-M 400 | HD-B 300 | HDL 250 HDL 315 | HDL 400 | HDN 250 HDN 315 | HDN 400 | LP 250
		ROTA TP 250 | ROTA TP 315	SP 250 | SP 280 | SP 315 | SP 350 STP 250 | STP 315 | STWP 250 STWP 315
KG 400 | KG 500 | KL 300 | KL 400 KL 500 | KLNC 400 | KLNC 500 KP 400 | KP 500 | KS 500 | KS 630 KSH 500 | KSHF 560 | KSHF 630 KSL 630 | KSPS 400 | KT 400 | KT 500 KT 630 | KTG 400 | KTG 500 KTG 630 | KTGF 400 | KTGF 500 KTGF 630 | KTN 400 | KSHF 630 KSL 630 | KSPS 400 | KT 400 | KT 500 KT 630 | KTG 400 | KTG 500 KTG 630 | KTGF 400 | KTGF 500 KTGF 630 | KTN 400 | KTN 500 KTN 630 | NH 400 | NH 500 | NH 630 NHF 400 | NHF 500 | NHF 630 QLC 400 | QLK 400 | UVE 400 UVE 500 | UVE 630		ROTA NC 400 | ROTA NC 500 ROTA NCD 400 | ROTA NCD 500 ROTA NCD 630 | ROTA NCF 400 ROTA NCF 500 | ROTA NCO 800	HFK 400 | HFK 500 | HFKN-D 400 HFKN-D 500 | HFKS 400 | HFKS 500 KDV 500 | KDVG 500 | KFV 400 KFV 500 | KFV 630 | KFV 800 KZF 250 | KZF 315 | KZF 400 KZF-ES 250 | KZF-ES 315 KZF-ES 400
	KFD 400 | KFD 500 | KFD 630 KFD 800 | KFD-G 250 | KFD-G 315 KFD-G 400 | KFD-HE 400 | KFD- HE 500 | KFD-HE 630 | KFD-HE 800 KFD-HF 400 | KFD-HF 500 KFD-HF 630 | KFD-HS 400 KFD-HS 500 | KFH 400 | KFH 500 KFH-F 400 | KFH-F 500 | KFH-G 400 KFH-G 500 | KFH-NC 400 KFH-NC 500 | KFL 500 | KFL 600 LVE 400 | LVE 500 | LVE 630 | LVE 800	ROTA NCO 400 | ROTA NCO 500 ROTA NCO 630	AL-D 400 | AL-M 400 | AN-D 400 AN-M 400 | BH-D 400 | BH-D 450 BH-D 500 | BH-D 630 | BH-D 800 BH-FC 500 | BH-FC 630
			AL-M 400 | AN-M 400 | BH-M 400 BH-M 450
			HFKS 630 | HFKS 800
KS 1000 | KS 1250 | KS 1400 KS 800 | KSF 1000	KFD 1000 | KFD 1200 | KFD 1250		

UNIJaws®

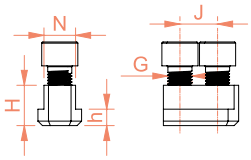
Nutensteine
T-nuts

H mm	h mm	N/N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*
13,5	4,5	8	15	M6	M8 x 16	IV	**GP04**	**290020**
18	5,5	10	14	M8	M8 x 22	IV	**GP01**	**292031**
15	5,5	10	14	M8	M8 x 20	IV	**GP03**	**292005**
15,5	5,5	10	18	M8	M8 x 22	IV	**GP05**	**292021**
18	5,5	10	19	M8	M8 x 22	IV	**GP02**	**292032**
16,5	6,5	11	16	M8	M8 x 20	IV	**GR04**	**292015**
21	7	12	20	M10	M10 x 25	IV	**GP06**	**292002**
18,5	7,5	12	20	M10	M10 x 25	IV	**GP07**	**292003**
18,5	7,5	12	16	M8	M8 x 25	IV	**GP45**	**538045**
18,5	7,5	12	26	M8	M8 x 25	IV	**GP47**	**538047**
23	8	14	25	M12	M12 x 30	IV	**GP08**	**292004**
23	8	14	26	M10	M10 x 30	IV	**WN10**	**780010**
20,5	8,5	14	25	M12	M12 x 30	IV	**GP09**	**292001**
20,5	8,5	14	18	M10	M10 x 25	IV	**GP55**	**538055**
20,5	8,5	14	27	M10	M10 x 25	IV	**GP56**	**538056**
20	7,5	14	26	M10	M10 x 30	IV	**WN12**	**780012**
23	8	16	30	M12	M12 x 30	IV	**GP10**	**292006**
23	8	16	25	M12	M12 x 30	IV	**TT22**	**820022**
21,5	8,5	16	30	M12	M12 x 30	IV	**GP11**	**292007**
21,5	8,5	16	22	M12	M12 x 25	IV	**GP60**	**538060**
21,5	8,5	16	—	M12	M12 x 30	I	**TT70**	**820070**
21,5	8,5	16	50	M12	M12 x 35	IV	**WN70**	**780070**
21,5	8,5	16 / 14	26	M10	M10 x 30	V	**WN26**	**780026**
26,5	8,5	16	25	M12	M12 x 35	IV	**GR10**	**292011**
26,5	8,5	16 / 14	25	M12	M12 x 35	V	**GA08**	**292017**

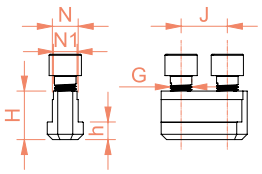
Typ I



Typ IV



Typ V



HOWA	HWR	Kitagawa	Röhm	Samchully	Schunk
		B-04 | HOB-04		HCH-04	
		HJ-4 | N-04 | NL-04		HC-04 | HCL-04	
HO1MA4 | HO24M5		B-204 | B-205		HS-04 | HS-05	
	VD016 | VT016 | VT-S 016	B-05 | HOB-05			
		HJ-5 | N-05		HC-05	
HO27M4 | HO27M5					
HO15M6 | HO1MA6 HO22M6 | HO24M6 HO27M6 | HO37M6 HO47M6 | HO7MA6		HOB-06 | N-06 | NL-06		HC-06 | HCL-06	ROTA NC 165 | ROTA NCF 165
	VD021 | VK021 | VT021 VT-S 021	B-06 | B-07 | B-106 B-206 | BB-06 | BB-206 BL-206 | HOH-06 HOH-106 | HOH-206	KFD-HE 170	HCH-06 HH-206 HS-06 MH-206	ROTA NC plus 185 ROTA NCD 165 | ROTA NCD 185 ROTA NCF plus 185 | ROTA NCK 165 ROTA NCK plus 165
HO15M8 | HO1MA8 HO7MA8		B-08 | B-108 | HOB-08 HOH-08 | ML-08 | N-08 NL-08		HC-08 HCH-08 HCL-08	ROTA NC 210 | ROTA NCF 210
		B-108 | B-208 | BB-08 BB-208 | BL-208 HOH-108 | HOH-208	KFD-HE 210	HH-208 HS-08 MH-208	ROTA NCD 215 | ROTA NCK 210 ROTA NCK plus 210
HO1MA10		B-10 | HOB-10 | HOH-10 | N-10 | NL-10		HC-10 HCH-10 HCL-10	ROTA NC 250 | ROTA NCF 250
	VD026 | VD031 | VK026 | VK031 VK-S 026 | VK-S 031 | VL042 VL060 | VL070 | VT026 | VT031 VT-S 026 | VT-S 031	B-110 | B-210 | BB-10 BB-210 | BL-210 HOH-10K | HOH-210	KFD-HE 254	HH-210 HS-10 MH-210	ROTA NC plus 260 | ROTA NCD 255 ROTA NCF plus 260 | ROTA NCK 250 ROTA NCK plus 250
HO15M10 | HO22M8 HO24M8 | HO27M8 HO37M8 | HO47M8 HO7MA10					

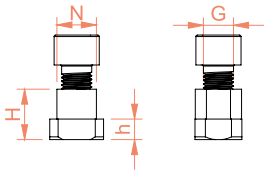
UNIJaws®

Nutensteine

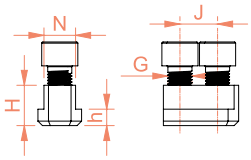
T-nuts

H mm	h mm	N/N1 mm	J mm	G mm	Zyl.-Schraube *cap screw* 12.9	Typ *type*	Nutensteintyp *t-nut type*	Ident-Nr. *ident-no.*
33	13,5	18	30	M14	M14 x 45	IV	**GP12**	**292008**
33	13,5	18	25	M14	M14 x 40	IV	**GP70**	**538070**
33	13,5	18	34	M14	M14 x 40	IV	**GP75**	**538075**
33	1305	18	—	M12	M12 x 35	I	**GN78**	**538213**
27,5	9,5	18	30	M14	M14 x 35	IV	**GR12**	**292012**
27,6	9,3	18 / 16	30	M12	M12 x 35	V	**GA10**	**292019**
28	11,5	21	30	M16	M16 x 35	IV	**GP13**	**292009**
28	11,5	21	25	M14	M14 x 35	IV	**GP80**	**538080**
28	11,5	21	34	M14	M14 x 35	IV	**GP85**	**538085**
28	11,5	21	—	M12	M12 x 35	I	**TT40**	**820040**
28	11,5	21	—	M16	M 16 x 35	I	**TT65**	**820065**
29	10,5	21	35	M16	M16 x 35	IV	**GR13**	**292013**
29	10,5	21 / 18	30	M14	M14 x 35	V	**GA12**	**292020**
22,8	11,5	21	30	M16	M16 x 30	IV	**GP14**	**292016**
23	11,5	21	33	M16	M16 x 35	IV	**WN32**	**780032**
22,8	11,5	21	25	M12	M12 x 35	IV	**TT36**	**820036**
45,5	16,5	24 / 22	43	M20	M20 x 55	V	**GP15**	**292010**
45,5	16,5	24 / 21	33	M16	M16 x 55	V	**WN34**	**780034**
45	19	25	60	M20	M20 x 55	IV	**GP21**	**292022**
42	19	25	43	M16	M16 x 60	IV	**WN50**	**780050**
42	19	25	43	M20	M20 x 55	IV	**TT55**	**820055**
42	19	25,5 / 22	43	M20	M20 x 50	V	**X5507**	**9905507**

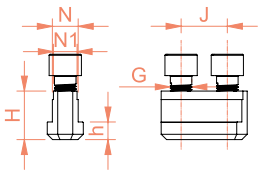
Typ I



Typ IV



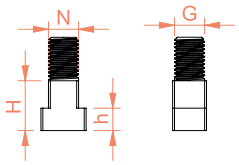
Typ V



HOWA	HWR	Kitagawa	Röhm	Samchully	Schunk
HO1MA12		B-12 | HOB-12 | HOH-12 N-12 | NL-12		HC-12 HCH-12 HCL-12	ROTA NC 315 | ROTA NCF 315
HO15M12 | HO22M10 HO24M10 | HO27M10 HO37M10 | HO47M10 HO7MA12					
	VD040 | VK040 | VK-S 040 VL100 | VL120 | VL140 | VL160 VL180 | VL200 | VT040 VT-S 040	B-112 | B-212 | BL-212 HOH-112 | HOH-12K HOH-212	KFD-HE 315	HH-212 HS-12 MH-212	ROTA NC plus 315 | ROTA NCD 315 ROTA NCF plus 315 | ROTA NCK 315 ROTA NCK plus 315
HO27M12 | HO37M12 HO47M12					
		BB-212			
		B-15 | B-18 | HOB-15 HOB-18 | HOH-15		HCH-15 HCH-18	ROTA NC 400 | ROTA NCF 400
	VD050 | VD063 | VD080 VD100 | VD120 | VK050 | VK063 VK080 | VK-S 050 | VK-S 063 VK-S 080 | VK-S 100 | VT-S 054 VT-S 063 | VT-S 080 | VT-S 100	B-21 | B-24 | HJ-18 HJ-21 | HJ-24 | HOB-21 HOB-24 | N-21 | N-24 NV-21 | NV-24 | NV-28 NV-32 | NV-36 | NV-40		HC-21 | HC-24 HCH-21 HCH-24 MH-221 MH-224	
		B-215			

UNIJaws®

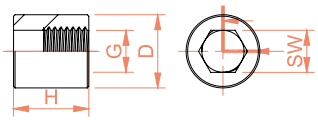
T-Nutenschrauben
T-slot bolt



H mm	h mm	N / N1 mm	G mm	Typ *type*	Ident-Nr. *ident-no.*	Berg
17,3	7	8	M9	**GB08**	**285002**	KH 110
20,3	9,3	10	M10	**GB10**	**285011**	KH 140 | KH 160 | KHL 160 | KV3 160
23,2	9	12	M12	**GB12**	**285013**	KH 175 | KH 200 | KHL 200 | KV3 200
26,7	12	16	M16	**GB16**	**285014**	KH 250 | KH 315 | KHL 250 | KHL 315 | KV3 250 | KV3 315
32,7	16	20	M20	**GB20**	**285015**	KH 400 | KH 500 | KH 630 | KHL 400 | KV3 400

UNIJaws®

T-Nutenmuttern
T-slot cap nut

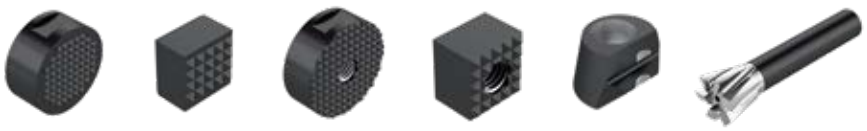


H mm	h mm	N / N1 mm	G mm	Typ *type*	Ident-Nr. *ident-no.*	Berg
13	M9	13	6	**GC08**	**285001**	KH 110
16	M10	16	8	**GC10**	**285100**	KH 140 | KH 160 | KHL 160 | KV3 160
19	M12	17,8	10	**GC12**	**285120**	KH 175 | KH 200 | KHL 200 | KV3 200
25	M16	24,5	14	**GC16S**	**285160**	KH 250 | KH 315 | KHL 250 | KHL 315 | KV3 250 | KV3 315
32	M20	32	22	**GC20**	**285200**	KH 400 | KH 500 | KH 630 | KHL 400 | KV3 400

UNIJaws®

Spanneinsätze
Clamping inserts

Typ I | Typ II | Typ III | Typ IV | Typ V | WF05



Spanneinsatztyp *clamping insert*	Ident-Nr. *ident-no.*	D mm	H mm	C mm	F mm	E mm	M mm	G mm	Typ *type* mm
EU2A	**294001**	12,7	9,5	9,5	8,7	6,3	6,7	M6	I
EU2B	**294002**	12,7	12,7	9,5	11,9	6,3	8,3	M6	I
EU2C	**294003**	12,7	16,5	9,5	15,9	9,5	9,9	M6	I
EU5A	**294004**	15,9	9,5	12,7	8,7	4,7	6,7	M6	I
EU6A	**294005**	19	9,5	15,9	8,7	4,7	6,7	M6	I

Spanneinsatztyp *clamping insert*	Ident-Nr. *ident-no.*	A mm	H mm	C mm	G mm				
EU7A	**294010**	12,7	9,5	10,3	M6				II

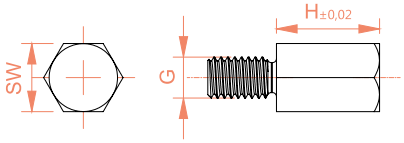
Spanneinsatztyp *clamping insert*	Ident-Nr. *ident-no.*	D mm	H mm	E mm	M mm	G mm			
EW10	**294015**	12	10	4,7	4,5	M6			III
EW15	**294016**	12	12	4,7	6	M6			III
EW20	**294017**	16	10	4,7	4,5	M6			III
EW25	**294018**	20	10	4,7	4,5	M6			III
EW30	**294019**	25	10	4,7	4,5	M6			III

Spanneinsatztyp *clamping insert*	Ident-Nr. *ident-no.*	A mm	H mm	G mm					
EW40	**294020**	12	10	M6					IV

Typ *type*	Ident-Nr. *ident-no.*	Bezeichnung *denomination*	H mm	ø mm	Schaft ø *shank ø* mm	Schneiden-ø *blade dia.* mm	Schneidenhöhe *blade height* mm		
EZ05	**087414**	Spanneinsatz *gripp-Insert*	10	16					V
WF05	**033611**	Winkelstirnfräser *angle end milling tool*			12	16	12		WF05

UNIJaws®

Auflagebolzen
Height pins



Typ *type*	Identnummer *ident-no.*	G	H	SW
IR05	**229014**	M5	5	8
IR10	**229015**		10	
IR15	**229016**		15	
IR20	**229017**		20	
IT05	**229004**	M6	5	10
IT10	**229005**		10	
IT15	**229006**		15	
IT20	**229007**		20	
IT25	**229003**		25	
IU05	**229008**	M8	5	13
IU10	**229009**		10	
IU15	**229010**		15	
IU20	**229011**		20	
IU25	**229012**		25	
IU30	**229013**		30	

Spezialfett und Fettpressen
Special grease and grease guns

INOFlex® **Zubehör** **INO**Flex® *accessories*	Ident-Nr. *ident no.*	**Beschreibung** *description*	**Passend für** *suitable for*
OKS 265	**800006**	**INO**Flex® Spezialfett, 400 ml Kartusche **INO**Flex® *special grease, 400 ml cartouche*	**INO**Flex® Spannfutter und **SOLID**Chuck **INO**Flex® *Chucks* and **SOLID**Chuck
EP01	**800001**	**INO**Zet® Spezialfett, 400 ml Kartusche **INO**Zet® *special grease, 400 ml cartouche*	**INO**Zet® Pendelbrücken **INO**Zet® *pendulum bridge*
Handhebel-Fettpresse *lever-type grease gun*	**800008**	für 400 ml Kartusche, DIN 1283, mit Mundstück für Kugelschmiernippel *for 400 ml cartouches, DIN 1283,* *with mouthpiece for ball grease-nipples*	VD026 - VD120 | VF016 - VF026 | VK021 - VK080 VK-S 021 - VK-S 100 | VL042 - VL200 | VT016 - VT040 | VT-S 021 - VT-S 080 | **INO**Zet®
Stoß-Fettpresse *push-type grease gun*	**800009**	150 ml, mit Mundstück für Trichterschmiernippel *150 ml, with mouthpiece for tapper grease nipples*	FG16 | VD016 - VD021 | VD031 - VD080 | VF016 VL042 | VT016 | VT-S 016

UNIJaws®

Ausdrehvorrichtungen
Jaw-turnig fixtures

Ausdreh-vorrichtung *trueborer*	**Ident-Nr.** *ident-no.*	**für Spannfutter-Ø** *best suited chuck-Ø* mm	**Backenanzahl** *number of jaws* mm	**Ring Innen-Ø** *ring internal-Ø* mm	**Ring Außen-Ø** *ring external-Ø* mm	**Spannbereiche Schraubenköpfe** *jaw bolt-Ø-range* mm	**Schrauben-kopf-Ø** *bolt head-Ø* mm	**max. Spannkraft** *max. clamping force* kN
ES16	**298001**	125 – 210	3	100	180	30 – 250	13 + 16	80
ES16-4	**298008**	160 – 210	4	100	180	30 – 250	13 + 16	80
ES25	**298002**	250 – 315	3	195	295	100 – 340	16	100
ES25-4	**298009**	250 – 315	4	195	295	100 – 340	16	100
ES42	**298003**	400 – 600	3	310	420	180 – 550	18,5	130
ES42-4	**298010**	400 — 630	4	310	420	180 — 550	18,5	130

UNIJaws®

Reinigungsplatten
Serration cleaning plates

Reinigungsplatte *serration cleaning plate*	**Ident-Nr.** *ident-no.*	**Verzahnung Seite 1** *serration typ on first side*	**Verzahnung Seite 2** *serration typ on secound side*	**Masse** *mass* kg
ES96	**299001**	1/16“ x 90°	1,5mm x 60°	5
ES99	**299002**	1/16“ x 90°	3/32“ x 90°	6
ES66	**299003**	1,5mm x 60°	3,0mm x 60°	5
ES65	**299004**	2,0mm x 60°	3,5mm x 60°	5