

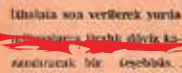
Aydosa®

since 1968



2022

www.aydosa.com



Yeni analizin başlaması da da ünsüzlerle ve ve leti di mahlum kaffemaya baka maktadır.

[illegible]

«HAS IGUNA VE PLAN.
YA KATERLEMI» 3. Gail.
Igore salqitli.

- 1 — Yellow mudstone.
2 — Thin sand,
3 — Globally graded,
4 — Coarse siltstone
5 — Very pale gray.

Yine hastaların hastahane-
ne, buralık talimiyen her
de bir hastaların açılmak-
ta oldığını da hastahane-
ler.

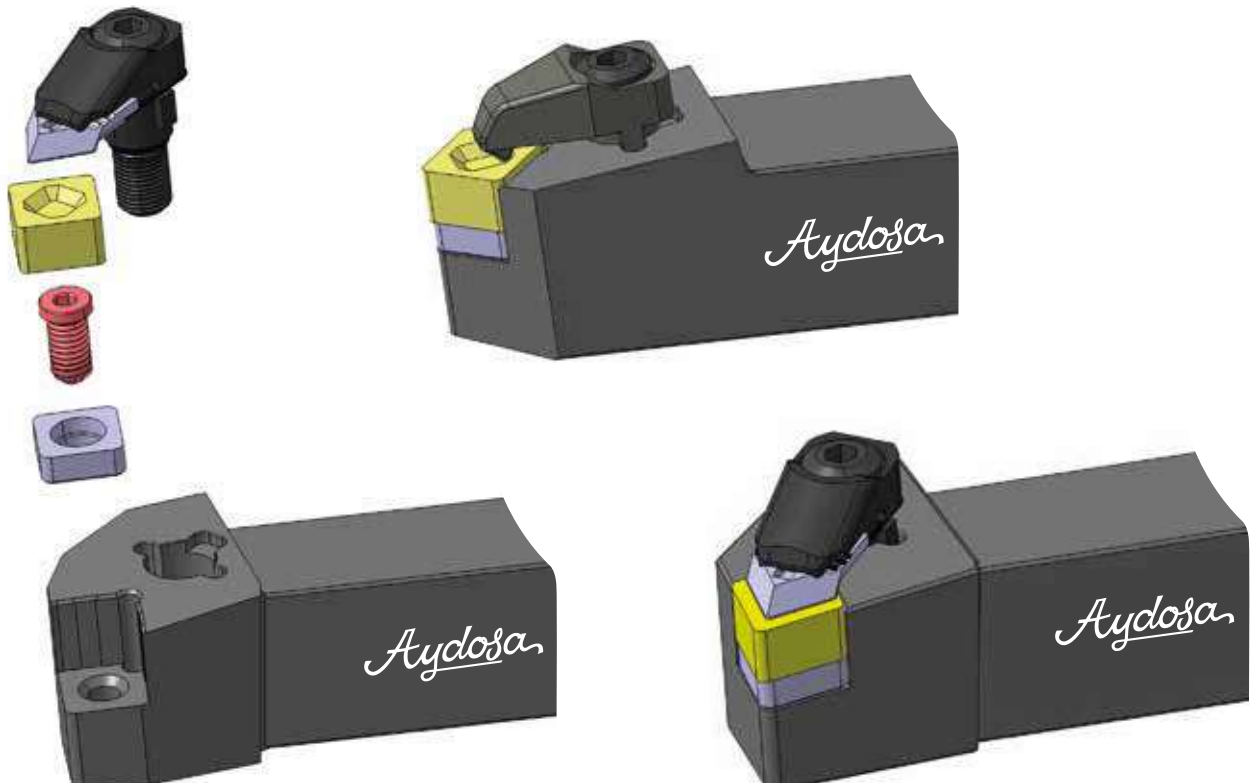
SENEDİ 10660 ADDET
KULLANILIYOR
Halen Türkiye'de senede

A man in a dark jacket is operating a lathe machine in a workshop. The background is filled with various mechanical parts and equipment, suggesting a busy industrial environment.

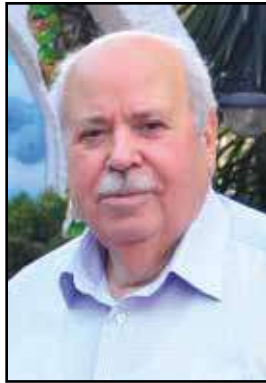
«HAS AYDOĞAN SANAYİ» nin sahibi Hüseyin Aydoğan imalatkanesinde çalıy-
yor... Gençlerdir diğərən getiriblər milyonlara ürək döns kəybetlilərin kəterler is-
te bu qələbə şıl alırdə artıq yəndəmədə imiş edilyor...

«HAG-TOENA VE PLANYA KATERISRI» yuqesin
randirish, usun, oshir, givendir gamet, ushin kashir
ve bel reder paria Gendilatorlar shap... Huseyn Aplo
gin kashir imalidinda buyik ilahik gostermedir, Po
tozafira Huseyn Aplovin imalidindandir calavne

Das erste mal werden 1972 in der
Türkei die Drehwerkzeuge in Izmir
hergestellt



AYDOSA is a 54-year-old family company
AYDOSA ist ein Familienunternehmen seit 54 Jahren



Hüseyin AYDOĞAN
Founder - Gründer



Veysel AYDOĞAN
General Manager
Hauptgeschäftsführer



Ayla AYDOĞAN
Accounting Manager
Leiterin der Buchhaltung



Yüksel AYDOĞAN
Warehouse Manager
Lagerleiter



From The first generation in 1968
Die erste Generation 1968



to The second and the third generation in 2016
Die zweite und dritte Generation 2016

Aydosa



1972

1968 - Aydosa was established on 15.05.1968 by Hüseyin Aydoğan

1968 - Aydosa wurde am 15.05.1968 von Hüseyin Aydoğan gegründet.

1972 - The company was established to manufacture mould but after a while changed its manufacturing programme to cutting tools and became the first company manufacturing tool holders in Turkey. Aydosa selected the best machines in order to carry out precise production and spread throughout the Turkish market in a short time with his first brand HAS.

1972 - Das Unternehmen wurde erst zur Herstellung von Formen gegründet, Danach hat Aydosa umgewechselt zur Herstellung von Drehwerkzeuge und somit den Titel als erster Drehwerkzeughersteller in der Türkei errungen. Um präzise Produkte herzustellen hat die Firma in seiner Branche die besten Maschinen ausgewählt. Mit seiner Marke HAS hat sich die Firma sehr schnell auf dem türkischen Markt verbreitet.



1986

1975 - Our company begins to produce its products under his brandname AYDOSA.

1975 - Unser Unternehmen beginnt seine Produkte mit der eigenen Marke Aydosa herzustellen.

1986 - As the first of the second generation, Mr. Veysel Aydoğan included with full-time in the company after completing his technical education. During visiting fairs and companies in europe he followed the technology closely.

1986 - Als erster der zweiten Generation kommt Veysel Aydogan nach dem Abschluß seiner technischen Ausbildung als Vollzeitmitarbeiter in die Firma hinzu. In Europa hat er viele Ausstellungen und Firmen besucht und somit die Technologie vom nahen verfolgt..



2004

1996 - Aydosa achieved its first export to Germany.

1996 - Aydosa macht seinen ersten Export nach Deutschland.

2004 - Aydosa bought it's first CNC machine. The company increased it's manufacturing capacity and precision level.

2004 - Einschließlich mit hinzufügen seiner ersten CNC-Bearbeitungsmaschine in seinem Maschinenpark erhöht Aydosa hiermit seine Produktions- und Präzisions Kapazität.

2005 - Aydosa registered it's name as trademark

2005 - Aydosa registriert seinen Namen "AYDOSA" als seine Marke





2006 - Aydosa gradually increased the number of his customers in Europe and increased also his brand popularity with OEM production.

2006 - In Europa erhöht Aydosa schrittweise die Anzahl seiner Kunden und mit seiner OEM Massenproduktion verbreitet er seinen Namen und seine Marke.

2009 - Aydosa increased its product range and started to work on particularly grooving tool holders and parting blades. All surface and the insert pocket of these groups are machined after the heat treatment. Thanks to this type of tools Aydosa will became widespread. Aydosa started to apply this *hard processing technique* to all the other standard models as well.

2009 - Aydosa fügt neue Produkte in sein Sortiment hinzu und beginnt **Einstech- und Abstechwerkzeuge** herzustellen. Die gesamte Oberfläche und die Platensitze werden nach der Hitzebehandlung (Verhärtung) bearbeitet. Nach Verbreitung auf dieser Weise hergestellten Produktgruppen fängt Aydosa an diesen technischen Bearbeitungsprozess auch bei allen anderen Standard Modellen zu benutzen.

2011 - Aydosa participated in EMO - 2011 Hannover, Germany and opened its first stand in the international exhibition. In the next years they keep on participating other trade shows in below.

2011 - AYDOSA eröffnet in der EMO 2011 Hannover seinen ersten Internationalen Messestand und diese Messe wird seine erste Ausstellungserfahrung in Europa.

2012 - Aydosa participated in AMB Stuttgart as Exhibitor

2012 - Aydosa wurde Aussteller in der AMB Stuttgart.

2013 - Aydosa participated in the EMO Hannover as Exhibitor.

2013 - Aydosa wurde Aussteller in der EMO Hannover.

2014 - Aydosa was represented by one of his German distributors in AMB Stuttgart - DTS Tooling Systems.

2014 - Aydosa Produkte wurden von einem seiner deutschen Vertreter in der AMB Stuttgart ausgestellt - DTS Tooling Systems.

2021 - Aydosa is today a preferred supplier between many companies thanks to its high precision and reasonable prices in their grooving toolholder range. As can be seen on Table at the side, 64% today of the sold products are grooving toolholders. That shows that Aydosa moves step by step as a specialists in his grooving toolholder group.

2021 - Wegen seiner Präzision und konkurrierenden Preisen ist Aydosa heute besonders für Einstech- und Abstechwerkzeugen der bevorzugte Hersteller. Was Sie auch hier neben auf der Tabelle sehen können, gehören 64% der heutigen Verkäufe dem Einstech- und Abstechwerkzeugen. Das zeigt das Aydosa in der Herstellung von Einstech- und Abstechwerkzeugen hoch spezialisiert ist.



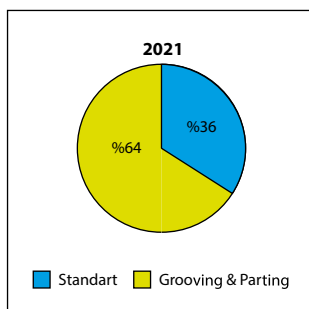
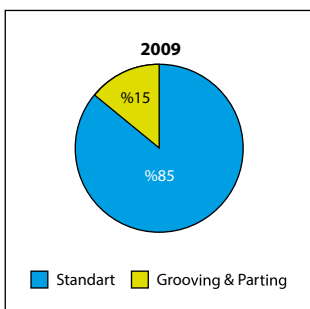
EMO - 2011



AMB - 2012



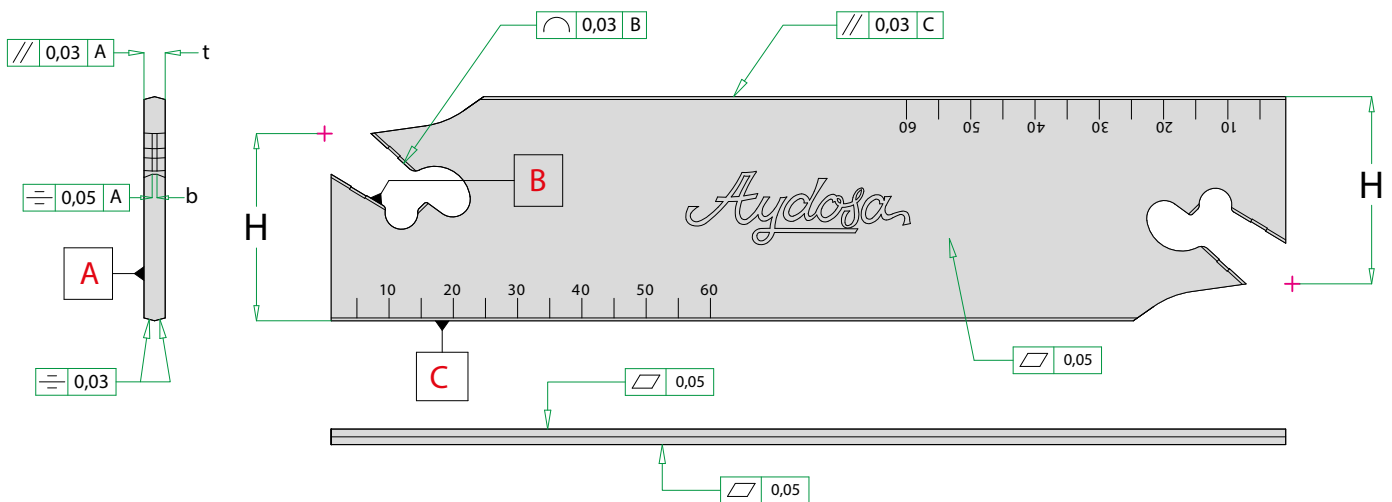
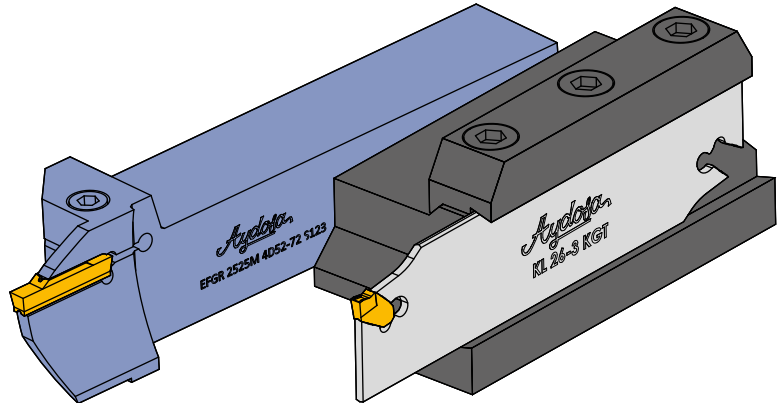
EMO - 2013



The qualifications of AYDOSA Grooving and Parting toolholders Die Qualifikationen der AYDOSA Stechdrehwerkzeuge und Stechklingen

Grooving toolholder - Stech Drehwerkzeuge

1. 44 HRC hardened Tool Holders
1. 44 HRC verhärtete Werkzeughalter
2. Smooth surfaces manufactured after heat treatment
2. Einwandfreie Oberflächen werden nach der Hitzebehandlung bearbeitet
3. Precise and accurate dimensions on the insert pocket that manufactured after heat treatment
3. Um präzise und genaue Maße zu erringen werden die Plattensitze nach der Hitzebehandlung bearbeitet
4. In accordance with your insert , increased and improved contact points on the insert pocket
4. Entsprechend Ihrer Wendepplatten verbesserte Kontaktflächen der Wendeplattensitze
5. High valued material tensile strength
5. Hochwertige Materialzugfestigkeit



Parting blades

1. 55 HRC Hardened parting blades
2. Smooth surfaces manufactured after heat treatment
3. Precise and accurate dimensions on the insert pocket that manufactured after heat treatment
4. In accordance with your insert , increased and improved contact points on the insert pocket
5. The parallelism value on length 150 mm is between $\pm 0,03$ mm
6. The flatness value on 150 mm is max. 0,05 mm
7. The narrow tolerance measurement values of insert center height are $\pm 0,05$ mm
8. The remaining symmetry on the surface of the angle-edged parting blades are 0.03 mm
9. High valued material tensile strength

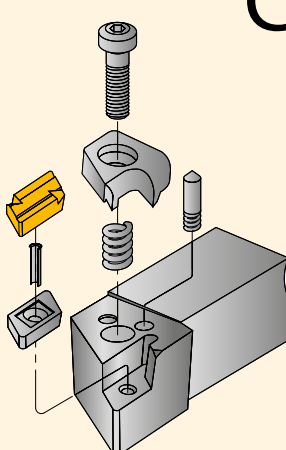
Stechklingen

1. 55 Hrc verhärtete Stechklingen
2. Nach der Hitzebehandlung bearbeitete einwandfreie Oberflächen
3. Präzise und genaue Maße der Plattensitze werden nach der Hitzebehandlung bearbeitet
4. Entsprechend Ihrer Wendepplatten verbesserte Kontaktflächen der Wendeplattensitze
5. Die Parallelität zwischen den Werten in der Länge von 150 mm ist 0,03 mm
6. Die Flächenebene bei 150 mm Länge ist max. 0,05 mm
7. Engtoleranz Messwerte von der Spitzenhöhe der Wendepplatte sind $\pm 0,05$ mm
8. Die Verbleibende Symmetrie auf der Oberfläche der Winkelkantigen Stechklingen sind 0,03 mm
9. Hochwertige Materialzugfestigkeit

Selecting the clamping system - Auswahl des Klemmsystems

**1 Top clamping
Spannhebel Klemmung**

C

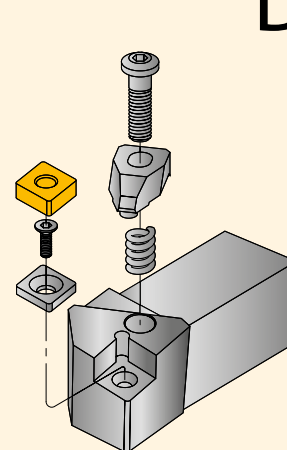


Repeatability - Wiederholgenauigkeit	_____ 5
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 5
Internal roughing - Innenbearbeitung, Schrappen	_____ 4
External roughing - Außenbearbeitung, Schrappen	_____ 4
Interrupted cut - unterbrochener Schnitt	_____ 5

5 = Best choice - Beste Wahl

**2 Top and hole clamping
Doppel Klemmsystem**

D

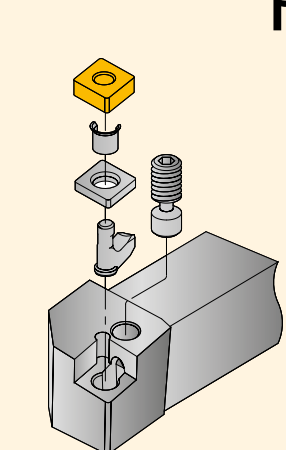


Repeatability - Wiederholgenauigkeit	_____ 5
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 5
Internal roughing - Innenbearbeitung, Schrappen	_____ 5
External roughing - Außenbearbeitung, Schrappen	_____ 5
Interrupted cut - unterbrochener Schnitt	_____ 5

5 = Best choice - Beste Wahl

**3 Lever clamping
Kniehebel Spannung**

P

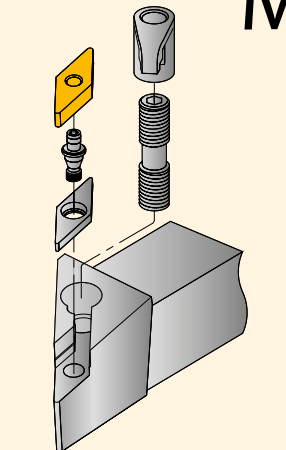


Repeatability - Wiederholgenauigkeit	_____ 5
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 4
Internal roughing - Innenbearbeitung, Schrappen	_____ 4
External roughing - Außenbearbeitung, Schrappen	_____ 4
Interrupted cut - unterbrochener Schnitt	_____ 3

5 = Best choice - Beste Wahl

**4 Screw and top clamping
Spannhebel und Schraube**

M

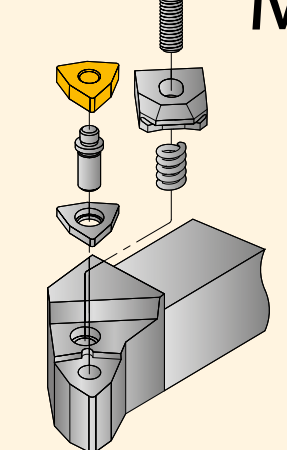


Repeatability - Wiederholgenauigkeit	_____ 4
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 5
Internal roughing - Innenbearbeitung, Schrappen	_____ 4
External roughing - Außenbearbeitung, Schrappen	_____ 5
Interrupted cut - unterbrochener Schnitt	_____ 5

5 = Best choice - Beste Wahl

**5 Wedge clamping
Doppel Pratzeklemmung**

M

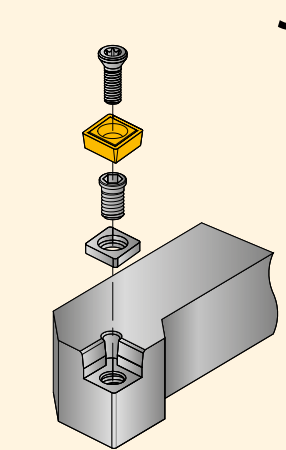


Repeatability - Wiederholgenauigkeit	_____ 3
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 5
Internal roughing - Innenbearbeitung, Schrappen	_____ 5
External roughing - Außenbearbeitung, Schrappen	_____ 5
Interrupted cut - unterbrochener Schnitt	_____ 5

5 = Best choice - Beste Wahl

**6 Screw clamping
Schrauben Klemmsystem**

S



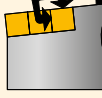
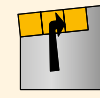
Repeatability - Wiederholgenauigkeit	_____ 5
Reliable clamp - Zuverlässigkeit d. Spannung	_____ 5
Internal roughing - Innenbearbeitung, Schrappen	_____ 3
External roughing - Außenbearbeitung, Schrappen	_____ 3
Interrupted cut - unterbrochener Schnitt	_____ 3

5 = Best choice - Beste Wahl

External Turning Code Key - Außendreihen Code-Schlüssel

Extract from ISO - Extrakte von ISO

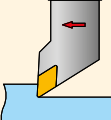
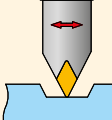
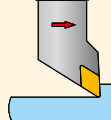
D	W	L	N	R	25	25	M	08
1	2	3	4	5	6	7	8	9

1 Clamping System - Klemmsystem				
Top clamping Spannhebel Klemmung	Top and hole clamping Doppel Klemmsystem	Wedge clamping Doppel Pratzenklemmung	Lever clamping Kniehebel Spannung	Screw clamping Schrauben Klemmsystem
				
C	D	M	P	S

2 Insert Shape - Wendeschneidplatten Grundform		
C 	E 	D 
K 	R 	S 
T 	V 	W 

3 Approach Angle - Anstellwinkel Halter					
90° A 	75° B 	45° D 	60° E 	90° F 	90° G 
107,5° H 	93° J 	75° K 	95° L 	63° N 	117,5° P 
107,5° Q 	75° R 	45° S 	60° T 	93° U 	72,5° V 

4 Insert Clearance Angle - WSP Freiwinkel		
A 	B 	C 
D 	E 	F 
G 	N 	P 

5 Hand of Tool - Vorschubrichtung		
L 	N 	R 

6 Shank Height - Schafthöhe h mm

8 = 08 mm 16 = 16 mm 25 = 25 mm

7 Shank Width - Schaftbreite b mm

8 = 08 mm 16 = 16 mm 25 = 25 mm

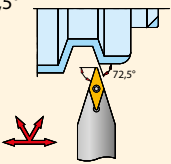
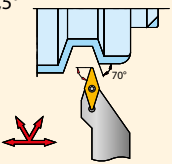
8 Tool Length - Werkzeug Gesamtlänge L mm	
	
A = 32 B = 40 C = 50 D = 60	F = 80 H = 100 K = 125 L = 140
M = 150 N = 160 P = 170 Q = 180	R = 200 S = 250 T = 300 U = 350
	V = 400 W = 450 Y = 500 X = Special

9 Cutting edge length - WSP Schneidkantenlänge in mm		
C 	E 	D 
K 	R 	S 
T 	V 	W 

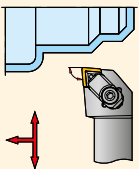
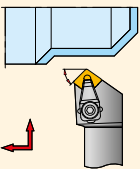
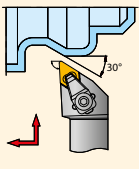
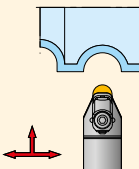
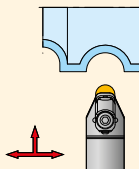
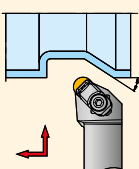
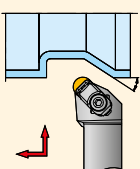
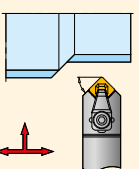
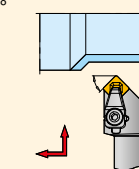
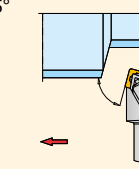
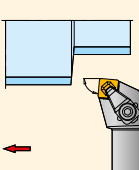
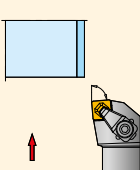
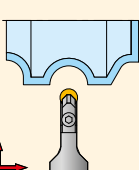
External Turning Toolholders - Außenbearbeitung Drehen

CKJNR-L 93° 	PCLNR-L 95° 	PDJNR-L 93° 	PDNNN 63° 	PSBNR-L 75°
PSDNN 45° 	PSSNR-L 45° 	PTGNR-L 91° 	PWANR-L 95° 	PWLNRL-L 95°
MTJNR-L 93° 	MTENN 60° 	MWLNRL-L 95° 	MVJNR-L 93° 	MVVNN 72,5°
MVVNR 72,5° 	DCLNR-L 95° 	DCBNR 75° 	DDJNR-L 93° 	DDNNN 63°
DSBNR-L 75° 	DSDNN 45° 	DSSNR-L 45° 	DTFNR-L 91° 	DTGNR-L 91°
DWLNRL-L 95° 	SCLCR-L 95° 	SDJCR-L 93° 	SDNCN 63° 	SRDCN
SRGCR-L 	SSDCN 45° 	SSSCR-L 45° 	STGCR-L 90° 	SVHCR-L 107,5°
SVJCR-L 93° 	SVVCN 72,5° 	SVVCR 72,5° 	SVHBR-L 107,5° 	SVJBR-L 93°

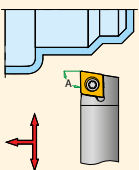
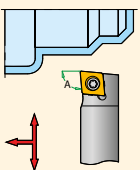
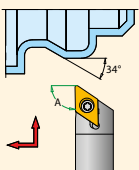
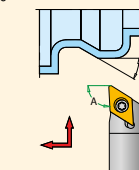
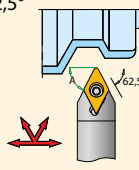
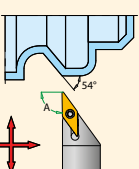
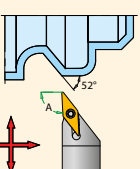
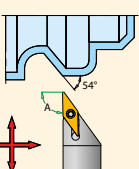
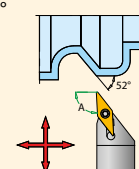
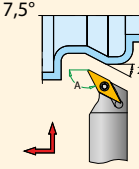
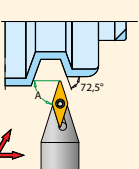
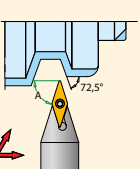
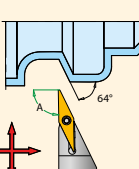
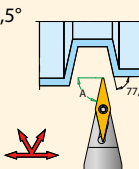
External Turning Toolholders - Außenbearbeitung Drehen

SVVBN 72,5° P-S 32 	SVVBR 72,5° P-S 33 			
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External Ceramic Toolholder - Außenbearbeitung Keramisch Halter

CCLNR-L 95° P-S 35 	CCSNR-L 45° P-S 35 	CDJNR-L 93° P-S 36 	CRDBN P-S 36 	CRDNN P-S 37 
CRSBR-L 33° P-S 37 	CRSNR-L 33° P-S 38 	CSDNN 45° P-S 38 	CSSNR-L 45° P-S 39 	CSNR-L 75° P-S 39 
CSXNR-L 85° P-S 40 	CSYNR-L 85° P-S 40 	CRDCN P-S 41 		

Swiss Type External Turning Toolholders - Swiss Typ Halter für Außenbearbeitung

SCACR 91° P-S 43 	SCLCR-L 95° P-S 43 	SDACR-L 91° P-S 44 	SDJCR-L 93° P-S 44 	SDNCN 62,5° P-S 45 
SVABR-L 91° P-S 45 	SVJBR-L 93° P-S 46 	SVACR-L 91° P-S 46 	SVJCR-L 93° P-S 47 	SVPCR-L 117,5° P-S 47 
SVVBN 72,5° P-S 48 	SVVCN 72,5° P-S 48 	SXACR-L 91° P-S 49 	SXVCN 77,5° P-S 49 	

Internal Turning Toolholders - Halter für Innenbearbeitung

CKUNR 93° P-S 52	DCLNR-L 95° P-S 52	DDUNR-L 93° P-S 53	DDQNR-L 107,5° P-S 53	DTFNR-L 91° P-S 54
DWLN-L 95° P-S 54	MVLNR-L 95° P-S 55	MVPCR-L 117,5° P-S 55	SCLCR-L 95° P-S 56	SDQCR-L 107,5° P-S 57
SDUCR-L 93° P-S 58	SDWCR 62,5° P-S 59	STFCR-L 90° P-S 60	SVJCR 93° P-S 61	SWUBR-L 93° P-S 62

Threading Toolholders - Gewinde Drehwerkzeuge

SER P-S 64	SEL P-S 64	SIR P-S 65	SIL P-S 65	
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External Grooving and Parting - Stechdrehwerkzeuge (Außen)

AGHGR P-S 68	ADGR P-S 68	EGPR -S123 P-S 69	EGPR -S151 P-S 69	EGPR -M P-S 70
EGPR -LM P-S 70	EGPR -WT P-S 71	EGPR -GX16 P-S 71	EGPR -HS P-S 72	EGPR -X3 P-S 73
EGPR- KN2 P-S 73	EGPR- T3 P-S 74	EGPR -KR P-S 75	PKLG P-S 76	

Parting Tools - Abstechwerkzeuge

KL-S151 P-S 78	KL-LFMX P-S 78	KL-GTN P-S 79	KL-KGT P-S 79	KL-PR P-S 80
KL-LM P-S 80	KL-DG P-S 81	KL-T3 P-S 81	KL-M P-S 82	KL-KR P-S 82
KL-SGC P-S 83	KL-PGP P-S 83	KL-A4 P-S 84	KL-S123 P-S 84	KL-GX24 P-S 85
KL-PRGL P-S 85	KL-GS P-S 86			

External Face Grooving - Axial Stechdrehwerkzeuge (Außen)

EFGR-S123 P-S 88	EFGR-WT P-S 88			
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Circlips Grooving - Stechdrehen für Sicherungsringe

P61-SFR P-S 90	P61-SGR P-S 90			
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Form Tools - Formwerkzeuge

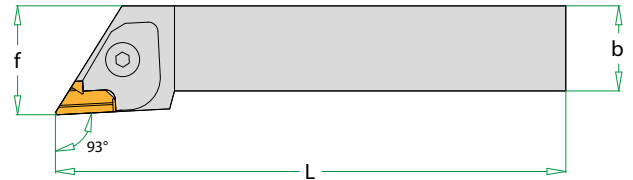
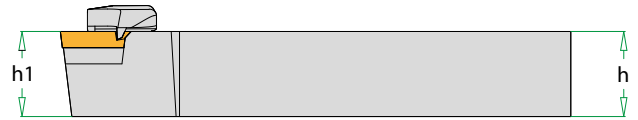
SFEN P-S 92				
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External Turning Toolholders Halter für Außenbearbeitung



Aydosa

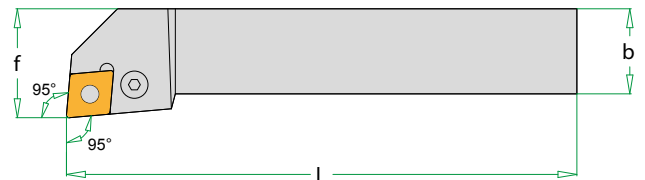
CKJNR



Code No	h	b	L	h1	f	Inserts Platten
CKJNR-L 2025M 16	20	25	150	20	32	KNUX 1604..
CKJNR-L 2525M 16	25	25	150	25	32	KNUX 1604..
CKJNR-L 3225P 16	32	25	170	32	32	KNUX 1604..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Pin Rohrstift	Spring-Pin Pin
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10

PCLNR

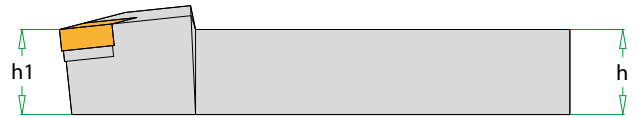


Code No	h	b	L	h1	f	Inserts Platten
PCLNR-L 1616H 09	16	16	100	16	20	CNMG 0903..
PCLNR-L 2020K 09	20	20	125	20	25	CNMG 0903..
PCLNR-L 2525M 09	25	25	150	25	32	CNMG 0903..
PCLNR-L 1616H 12	16	16	100	16	20	CNMG 1204..
PCLNR-L 2020K 12	20	20	125	20	25	CNMG 1204..
PCLNR-L 2525M 12	25	25	150	25	32	CNMG 1204..
PCLNR-L 3232P 12	32	32	170	32	40	CNMG 1204..

Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
AL-73	LV-15	CV-39	AP-24
AL-73	LV-15	CV-39	AP-24
AL-73	LV-15	CV-39	AP-24
AL-20	LV-18	CV.16A-1	AP.13
AL-20	LV-18	CV.16A	AP.13
AL-20	LV-18	CV.16A	AP.13
AL-20	LV-18	CV.16A	AP.13

NEW-NEU
NEW-NEU
NEW-NEU

PDJNR

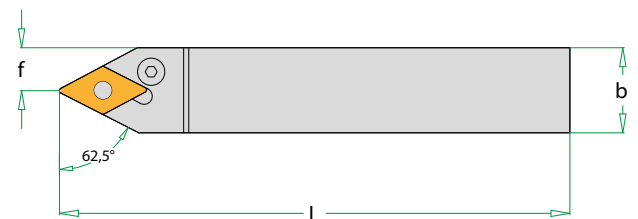


Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PDJNR-L 1616H 11	16	16	100	16	20	DNMG 1104..	AL.60	LV.16	CV.39	AP.24
PDJNR-L 2020K 11	20	20	125	20	25	DNMG 1104..	AL.60	LV.16	CV.39	AP.24
PDJNR-L 2525M 11	25	25	150	25	32	DNMG 1104..	AL.60	LV.16	CV.39	AP.24
* PDJNR-L 2020K 15	20	20	125	20	25	DNMG 1506..	AL.21	LV.17	CV.16	AP.13
* PDJNR-L 2525M 15	25	25	150	25	32	DNMG 1506..	AL.21	LV.17	CV.16	AP.13
* PDJNR-L 3232P 15	32	32	170	32	40	DNMG 1506..	AL.21	LV.17	CV.16	AP.13

* If you change the shim AL-67 on the marked toolholders you can mount also DNMG 1504.. coded insert

* Bei Wechslung der Unterlage AL-67 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

PDNNN

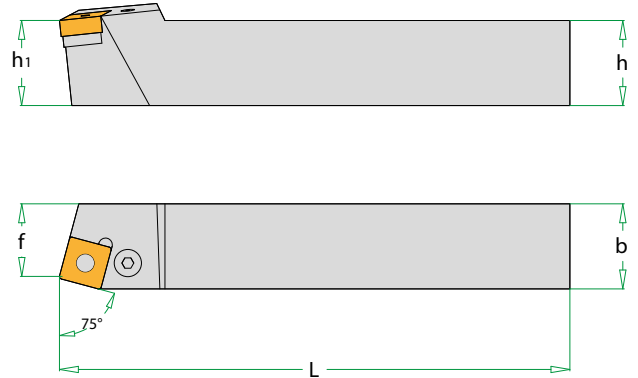


Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PDNNN 2020K 11	20	20	125	20	10	DNMG 1104..	AL.60	LV.16	CV.39	AP.24
PDNNN 2525M 11	25	25	150	25	12,5	DNMG 1104..	AL.60	LV.16	CV.39	AP.24
* PDNNN 2020K 15	20	20	125	20	10	DNMG 1506..	AL.21	LV.17	CV.16	AP.13
* PDNNN 2525M 15	25	25	150	25	12,5	DNMG 1506..	AL.21	LV.17	CV.16	AP.13

* If you change the shim AL-67 on the marked toolholders you can mount also DNMG 1504.. coded insert

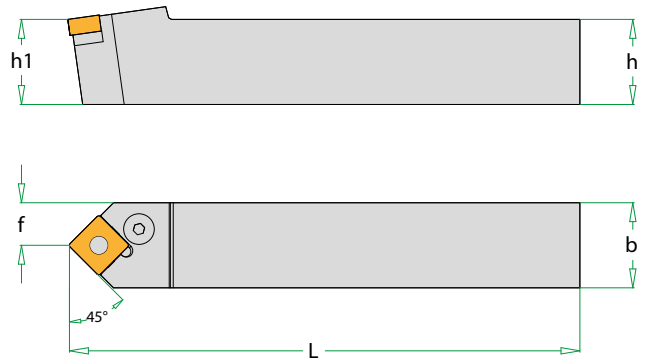
* Bei Wechslung der Unterlage AL-67 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

PSBNR



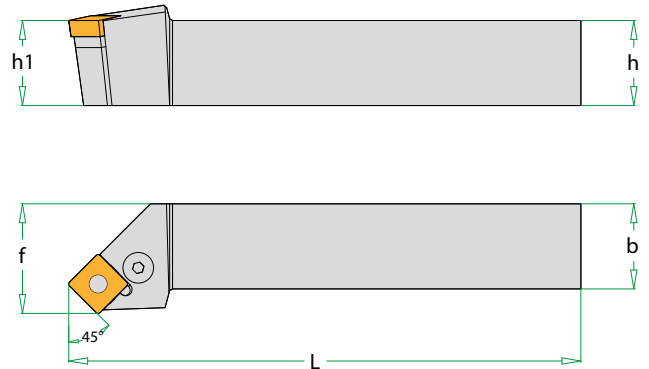
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PSBNR-L 2020K 12	20	20	125	20	17	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13
PSBNR-L 2525M 12	25	25	150	25	22	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13

PSDNN



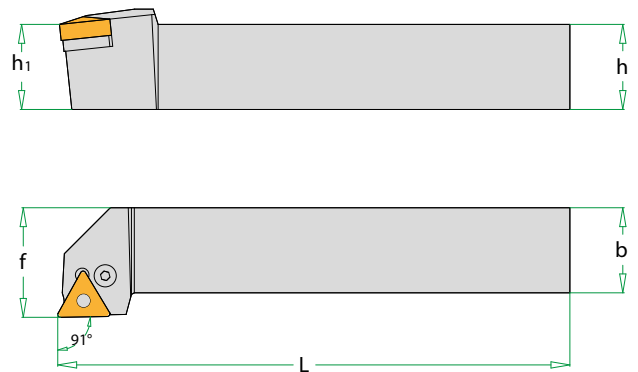
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PSDNN 2020K 12	20	20	125	20	10	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13
PSDNN 2525M 12	25	25	150	25	12,5	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13

PSSNR



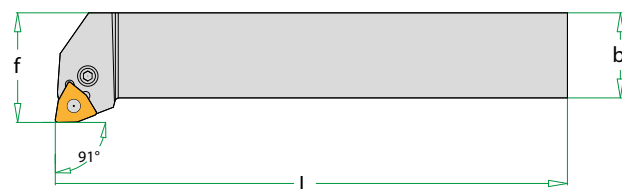
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PSSNR-L 2020K 12	20	20	125	20	25	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13
PSSNR-L 2525M 12	25	25	150	25	32	SNMG 1204..	AL.19A	LV.18	CV.16A	AP.13

PTGNR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
PTGNR-L 2020K 16	20	20	125	20	25	TNMG 1604..	AL.61	LV.15	CV.39	AP.24
PTGNR-L 2525M 16	25	25	150	25	32	TNMG 1604..	AL.61	LV.15	CV.39	AP.24
PTGNR-L 2525M 22	25	25	150	25	32	TNMG 2204..	AL.62	LV.18	CV.16A	AP.13

PWANR

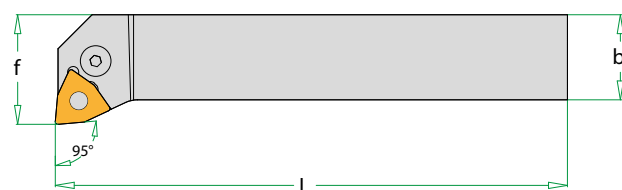


NEW-NEU
NEW-NEU
NEW-NEU

Code No	h	b	L	h1	f	Inserts Platten
PWANR-L 1616H 06	16	16	100	16	20	WNMG 0604..
PWANR-L 2020K 06	20	20	125	20	25	WNMG 0604..
PWANR-L 2525M 06	25	25	150	25	32	WNMG 0604..

Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
AL-72	LV-15	CV-39	AP-24
AL-72	LV-15	CV-39	AP-24
AL-72	LV-15	CV-39	AP-24

PWLNR

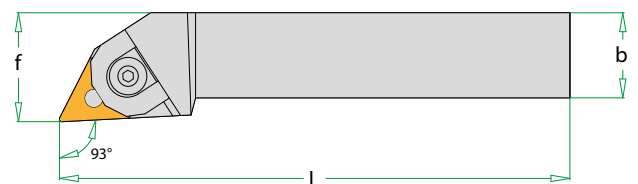


Code No	h	b	L	h1	f	Inserts Platten
PWLNR-L 2020K 08	20	20	125	20	25	WNMG 0804..
PWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..

Shim Unterlage	Lever Kniehebel	Screw Schraube	Shim pin Rohrstift
AL.66	LV.18	CV.16A	AP.13
AL.66	LV.18	CV.16A	AP.13

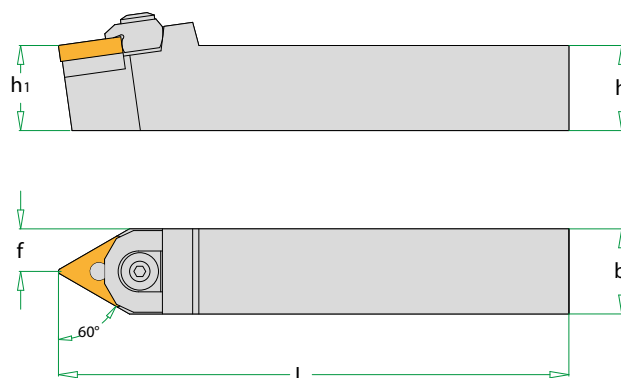


MTJNR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Wedge clamp Pratze	Screw Schraube	Shim Pin Stift
MTJNR-L 2020K 16	20	20	125	20	25	TNMG 1604..	AL.22	PB.16A	CV.15	AP.14
MTJNR-L 2525M 16	25	25	150	25	32	TNMG 1604..	AL.22	PB.16A	CV.15	AP.14
MTJNR-L 3232P 16	32	32	170	32	40	TNMG 1604..	AL.22	PB.16A	CV.15	AP.14
MTJNR-L 2525M 22	25	25	150	25	32	TNMG 2204..	AL.19	PB.16	CV.15	AP.12
MTJNR-L 3232P 22	32	32	170	32	40	TNMG 2204..	AL.19	PB.16	CV.15	AP.12

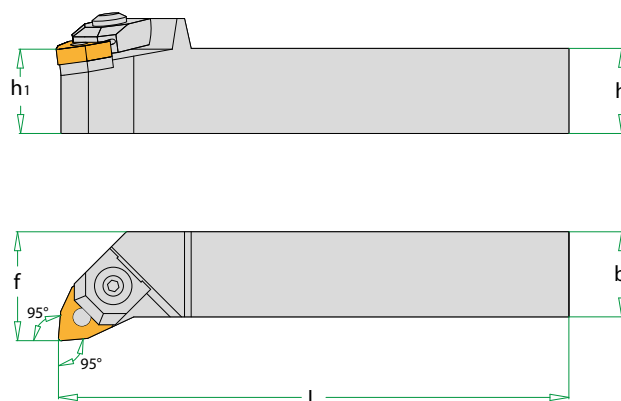
MTENN



Code No	h	b	L	h1	f	Inserts Platten
MTENN 2020K 16	20	20	125	20	10	TNMG 1604..
MTENN 2525M 16	25	25	150	25	12,5	TNMG 1604..
MTENN 3232P 16	32	32	170	32	16	TNMG 1604..
MTENN 2525M 22	25	25	150	25	12,5	TNMG 2204..
MTENN 3232P 22	32	32	170	32	16	TNMG 2204..

Shim Unterlage	Wedge clamp Pratze	Screw Schraube	Shim Pin Stift
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.19	PB.16	CV.15	AP.12
AL.19	PB.16	CV.15	AP.12

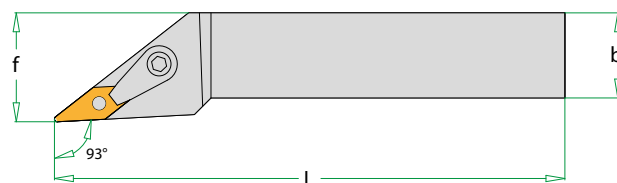
MWLNR



Code No	h	b	L	h1	f	Inserts Platten
MWLNR-L 2020K 08	20	20	125	20	27	WNMG 0804..
MWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..
MWLNR-L 3232P 08	32	32	170	32	40	WNMG 0804..

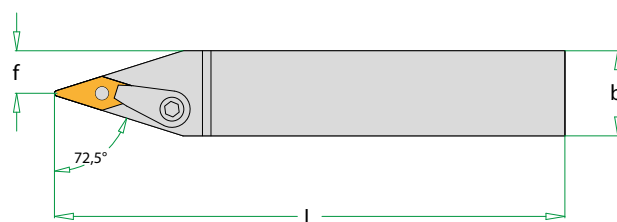
Shim Unterlage	Wedge clamp Pratze	Screw Schraube	Spring Feder	Shim Pin Stift
AL.33	PB.25	CV.15	YY.13	AP.16
AL.33	PB.25	CV.15	YY.13	AP.16
AL.33	PB.25	CV.15	YY.13	AP.16

MVJNR



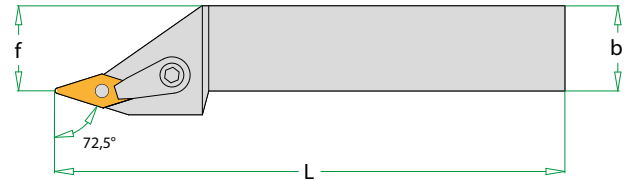
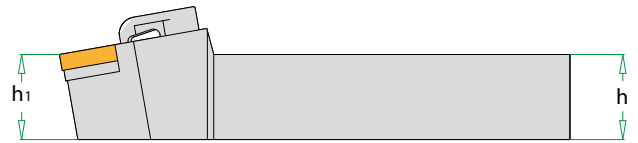
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Passstift
MVJNR-L 2020K 16	20	20	125	20	25	VNMG 1604..				
MVJNR-L 2525M 16	25	25	150	25	32	VNMG 1604..	AL.41	PB.24	CV.26	AP.15
MVJNR-L 3225P 16	32	25	170	32	32	VNMG 1604..	AL.41	PB.24	CV.26	AP.15

MVVNN



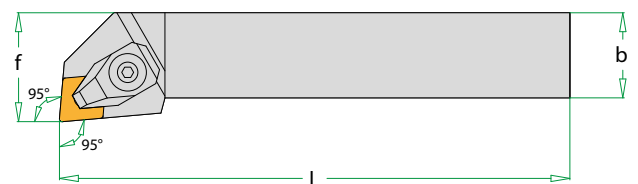
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Passstift
MVVNN 2020K 16	20	20	125	20	10	VNMG 1604..				
MVVNN 2525M 16	25	25	150	25	12,5	VNMG 1604..	AL.41	PB.24	CV.26	AP.15
MVVNN 3225P 16	32	25	170	32	12,5	VNMG 1604..	AL.41	PB.24	CV.26	AP.15

MVVNR



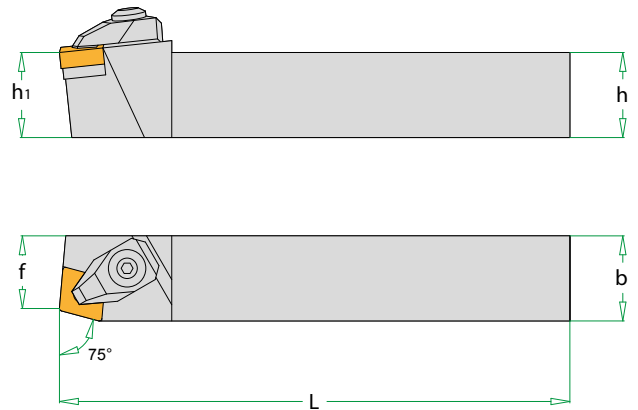
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Passtift
MVVNR 2020K 16	20	20	125	20	20	VNMG 1604..	AL.41	PB.24	CV.26	AP.15
MVVNR 2525M 16	25	25	150	25	25	VNMG 1604..	AL.41	PB.24	CV.26	AP.15
MVVNR 3225P 16	32	25	170	32	25	VNMG 1604..	AL.41	PB.24	CV.26	AP.15

DCLNR



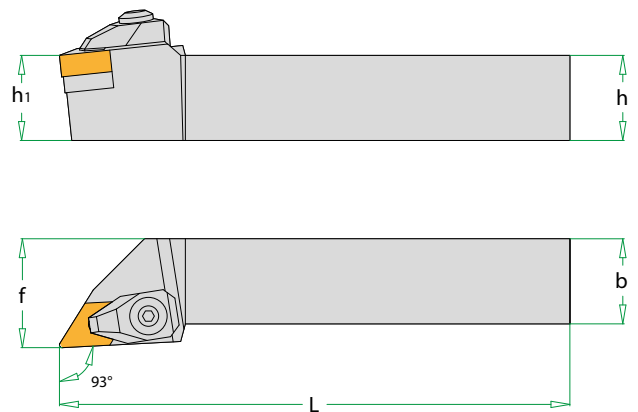
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passtift
DCLNR-L 2020K 12	20	20	125	20	25	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
DCLNR-L 2525M 12	25	25	150	25	32	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
DCLNR-L 3232P 12	32	32	170	32	40	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
DCLNR-L 2525M 16	25	25	150	25	32	CNMG 1606..	AL.35	PB.21	CV.15	YY.13	AP.20
DCLNR-L 3232P 16	32	32	170	32	40	CNMG 1606..	AL.35	PB.21	CV.15	YY.13	AP.20
DCLNR-L 3232P 19	32	32	170	32	40	CNMG 1906..	AL.36	PB.22	CV.13	YY.14	AP.21

DCBNR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
DCBNR 2020K 12	20	20	125	20	17	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
DCBNR 2525M 12	25	25	150	25	22	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
DCBNR 3225P 12	32	25	170	32	22	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18

DDJNR

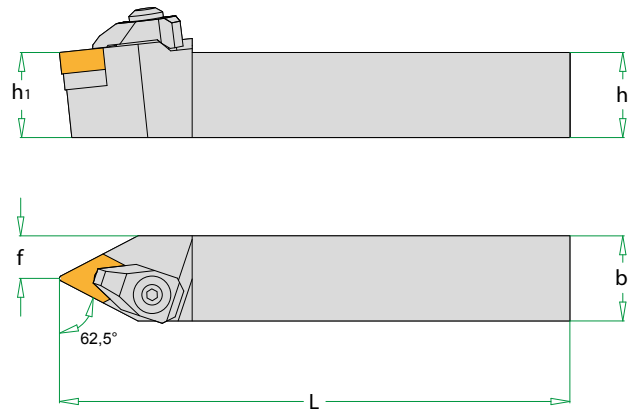


Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
DDJNR-L 1616H 11	16	16	100	16	20	DNMG 1104..	AL.42	PB.19	CV.27	YY.12	AP.17
DDJNR-L 2020K 11	20	20	125	20	25	DNMG 1104..	AL.42	PB.19	CV.27	YY.12	AP.17
DDJNR-L 2525M 11	25	25	150	25	32	DNMG 1104..	AL.42	PB.19	CV.27	YY.12	AP.17
* DDJNR-L 2020K 15	20	20	125	20	25	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17
* DDJNR-L 2525M 15	25	25	150	25	32	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17
* DDJNR-L 3232P 15	32	32	170	32	40	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17

* If you change the shim AL-45 on the marked toolholders you can mount also DNMG 1504.. coded insert

* Bei Wechslung der Unterlage AL-45 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

DDNNN



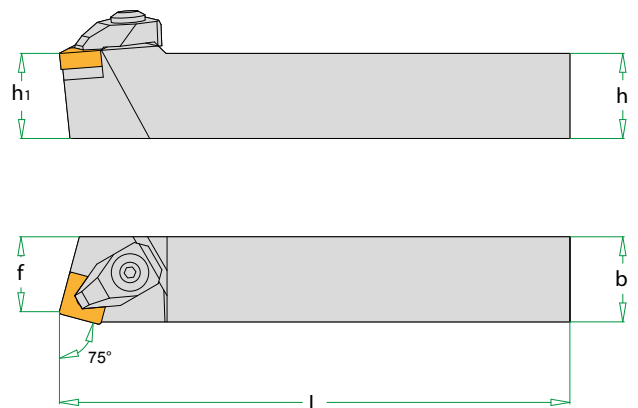
Code No	h	b	L	h1	f	Inserts Platten
DDNNN 2020K 11	20	20	125	20	10	DNMG 1104..
DDNNN 2525M 11	25	25	150	25	12,5	DNMG 1104..
* DDNNN 2020K 15	20	20	125	20	10	DNMG 1506..
* DDNNN 2525M 15	25	25	150	25	12,5	DNMG 1506..
* DDNNN 3225P 15	32	25	170	32	12,5	DNMG 1506..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
AL.42	PB.19	CV.27	YY.12	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17

* If you change the shim AL-45 on the marked toolholders you can mount also DNMG 1504.. coded insert

* Bei Wechslung der Unterlage AL-45 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

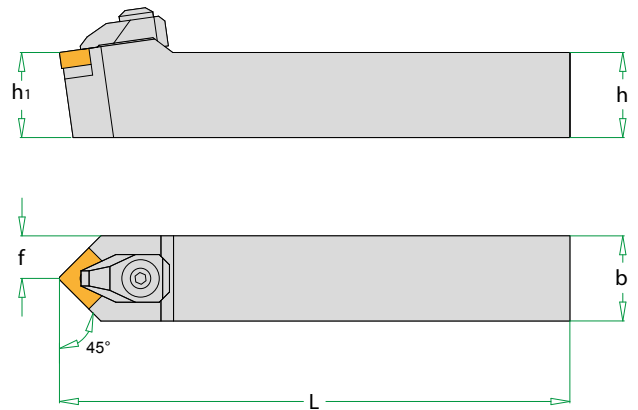
DSBNR



Code No	h	b	L	h1	f	Inserts Platten
DSBNR-L 2020K 12K	20	20	125	20	17	SNMG 1204..
DSBNR-L 2525M 12K	25	25	150	25	22	SNMG 1204..
DSBNR-L 3225P 12K	32	25	170	32	22	SNMG 1204..
DSBNR-L 3232P 15	32	32	170	32	27	SNMG 1506..
DSBNR-L 3232P 19	32	32	170	32	27	SNMG 1906..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

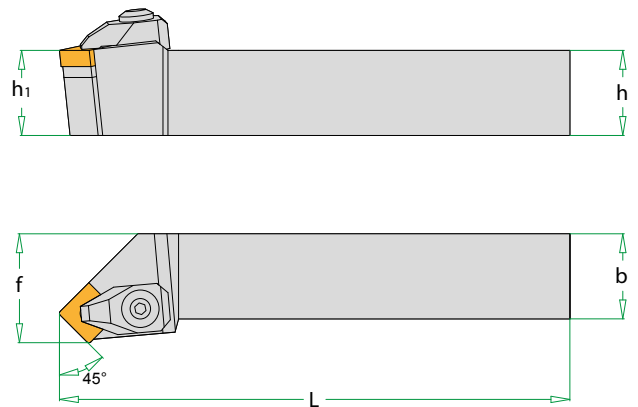
DSDNN



Code No	h	b	L	h1	f	Inserts Platten
DSDNN 2020K 12K	20	20	125	20	10	SNMG 1204..
DSDNN 2525M 12K	25	25	150	25	12,5	SNMG 1204..
DSDNN 3225P 12K	32	25	170	32	12,5	SNMG 1204..
DSDNN 3232P 15	32	32	170	32	16	SNMG 1506..
DSDNN 3232P 19	32	32	170	32	16	SNMG 1906..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

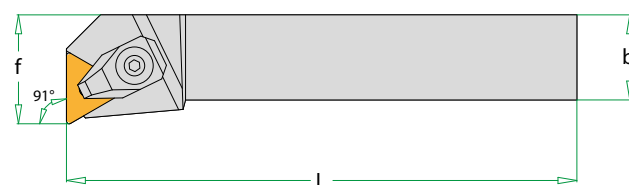
DSSNR



Code No	h	b	L	h1	f	Inserts Platten
DSSNR-L 2020K 12K	20	20	125	20	25	SNMG 1204..
DSSNR-L 2525M 12K	25	25	150	25	32	SNMG 1204..
DSSNR-L 3225P 12K	32	25	170	32	32	SNMG 1204..
DSSNR-L 3232P 15	32	32	170	32	40	SNMG 1506..
DSSNR-L 3232P 19	32	32	170	32	40	SNMG 1906..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.65	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

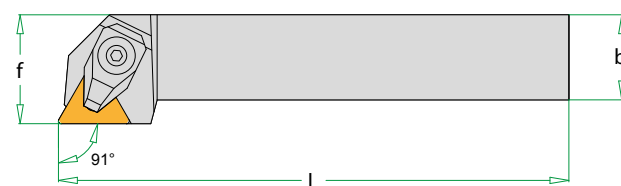
DTFNR



Code No	h	b	L	h1	f	Inserts Platten
DTFNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
DTFNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
DTFNR-L 2525M 22	25	25	150	25	32	TNMG 2204..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passtift
AL.22	PB.19	CV.27	YY.12	AP.17
AL.22	PB.19	CV.27	YY.12	AP.17
AL.38	PB.20	CV.15	YY.13	AP.18

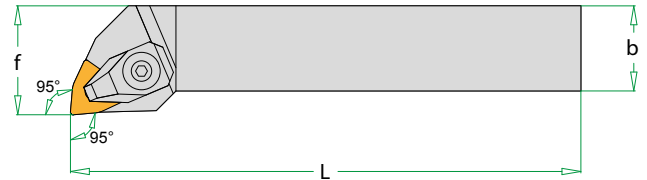
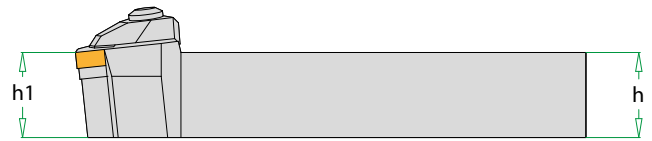
DTGNR



Code No	h	b	L	h1	f	Inserts Platten
DTGNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
DTGNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
DTGNR-L 2525M 22	25	25	150	25	32	TNMG 2204..

Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passtift
AL.22	PB.19	CV.27	YY.12	AP.17
AL.22	PB.19	CV.27	YY.12	AP.17
AL.38	PB.20	CV.15	YY.13	AP.18

DWLNR

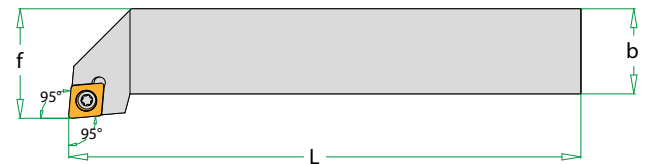


Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
* DWLNR-L 1616H 06	16	16	100	16	20	WNMG 0604..	AL.43	PB.19	CV.27	YY.12	AP.17
* DWLNR-L 2020K 06	20	20	125	20	25	WNMG 0604..	AL.43	PB.19	CV.27	YY.12	AP.17
* DWLNR-L 2525M 06	25	25	150	25	32	WNMG 0604..	AL.43	PB.19	CV.27	YY.12	AP.17
DWLNR-L 2020K 08	20	20	125	20	25	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18
DWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18
DWLNR-L 3232P 08	32	32	170	32	40	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18

* If you change the shim AL-44 on the marked toolholders you can mount also WNMG 06T3.. coded insert

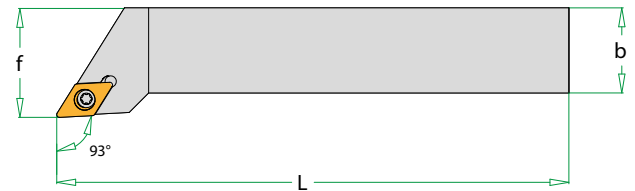
* Bei Wechslung der Unterlage AL-44 auf den markierten Drehhaltern können Sie auch die Wendeplatte WNMG 06T3.. benutzen

SCLCR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SCLCR-L 1010E 06	10	10	70	10	12	CCMT 0602..	-	-	CV.49
SCLCR-L 1212F 09	12	12	80	12	16	CCMT 09T3..	-	-	CV.18
SCLCR-L 1616H 09	16	16	100	16	20	CCMT 09T3..	AL.25	CV.19	CV.18
SCLCR-L 2020K 09	20	20	125	20	25	CCMT 09T3..	AL.25	CV.19	CV.18
SCLCR-L 2525M 09	25	25	150	25	32	CCMT 09T3..	AL.25	CV.19	CV.18
SCLCR-L 2020K 12	20	20	125	20	25	CCMT 1204..	AL.26	CV.21	CV.17
SCLCR-L 2525M 12	25	25	150	25	32	CCMT 1204..	AL.26	CV.21	CV.17

SDJCR



Code No	h	b	L	h1	f	Inserts Platten
SDJCR-L 1010E 07	10	10	70	10	12	DCMT 0702..
SDJCR-L 1212F 07	12	12	80	12	16	DCMT 0702..
SDJCR-L 1212F 11	12	12	80	12	16	DCMT 11T3..
SDJCR-L 1616H 11	16	16	100	16	20	DCMT 11T3..
SDJCR-L 2020K 11	20	20	125	20	25	DCMT 11T3..
SDJCR-L 2525M 11	25	25	150	25	32	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18

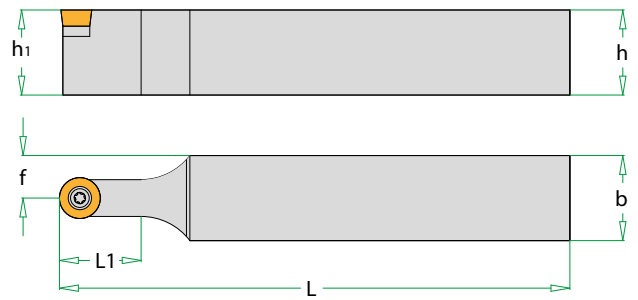
SDNCN



Code No	h	b	L	h1	f	Inserts Platten
SDNCN 1212F 07	12	12	80	12	6	DCMT 0702..
SDNCN 1212F 11	12	12	80	12	6	DCMT 11T3..
SDNCN 1616H 11	16	16	100	16	8	DCMT 11T3..
SDNCN 2020K 11	20	20	125	20	10	DCMT 11T3..
SDNCN 2525M 11	25	25	150	25	12,5	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18

SRDCN



Code No	h	b	L	L1	h1	f	Inserts Platten
SRDCN 1010E 06	10	10	70	10	10	5	RCMT 0602..
SRDCN 1616H 06	16	16	100	12	16	8	RCMT 0602..
SRDCN 2020K 06	20	20	125	12	20	10	RCMT 0602..
SRDCN 2525M 06	25	25	150	12	25	12,5	RCMT 0602..
SRDCN 1616H 08	16	16	100	16	16	8	RCMT 0803..
SRDCN 2020K 08	20	20	125	16	20	10	RCMT 0803..
SRDCN 2525M 08	25	25	150	16	25	12,5	RCMT 0803..
SRDCN 2020K 10	20	20	125	21	20	10	RCMT 10T3..
SRDCN 2525M 10	25	25	150	21	25	12,5	RCMT 10T3..
SRDCN 2020K 1003	20	20	125	18	20	10	RCMT 1003..
SRDCN 2525M 1003	25	25	150	18	25	12,5	RCMT 1003..
SRDCN 2020K 12	20	20	125	26	20	10	RCMT 1204..
SRDCN 2525M 12	25	25	150	26	25	12,5	RCMT 1204..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.24
-	-	CV.24
-	-	CV.24
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.32	CV.19	CV.18
AL.32	CV.19	CV.18

SRGCR



Code No	h	b	L	h1	f	Inserts Platten
SRGCR-L 1010E 06	10	10	70	10	12	RCMT 0602..
SRGCR-L 2020K 06	20	20	125	20	25	RCMT 0602..
SRGCR-L 2020K 08	20	20	125	20	25	RCMT 0803..
SRGCR-L 2525M 08	25	25	150	25	32	RCMT 0803..
SRGCR-L 2020K 1003	20	20	125	20	25	RCMT 1003..
SRGCR-L 2020K 10	20	20	125	20	25	RCMT 10T3..
SRGCR-L 2525M 10	25	25	150	25	32	RCMT 10T3..
SRGCR-L 2020K 12	20	20	125	20	25	RCMT 1204..
SRGCR-L 2525M 12	25	25	150	25	32	RCMT 1204..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.24
-	-	CV.24
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.32	CV.19	CV.18
AL.32	CV.19	CV.18

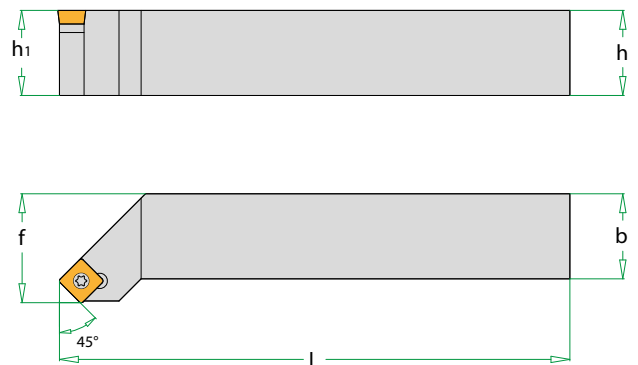
SSDCN



Code No	h	b	L	h1	f	Inserts Platten
SSDCN 1212F 09	12	12	80	12	6	SCMT 09T3..
SSDCN 1616H 09	16	16	100	16	8	SCMT 09T3..
SSDCN 2020K 09	20	20	125	20	10	SCMT 09T3..
SSDCN 2020K 12	20	20	125	20	10	SCMT 1204..
SSDCN 2525M 12	25	25	150	25	12,5	SCMT 1204..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.18
-	-	CV.18
AL.29	CV.19	CV.18
AL.30	CV.21	CV.17
AL.30	CV.21	CV.17

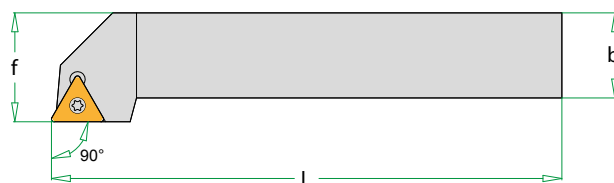
SSSCR



Code No	h	b	L	h1	f	Inserts Platten
SSSCR-L 1212F 09	12	12	80	12	16	SCMT 09T3..
SSSCR-L 1616H 09	16	16	100	16	20	SCMT 09T3..
SSSCR-L 2020K 09	20	20	125	20	25	SCMT 09T3..
SSSCR-L 2020K 12	20	20	125	20	25	SCMT 1204..
SSSCR-L 2525M 12	25	25	150	25	32	SCMT 1204..

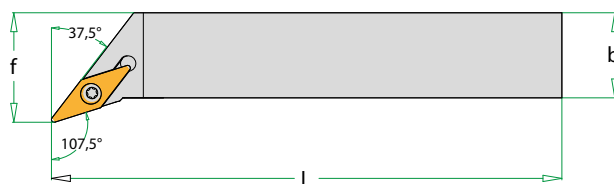
Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.18
-	-	CV.18
AL.29	CV.19	CV.18
AL.30	CV.21	CV.17
AL.30	CV.21	CV.17

STGCR



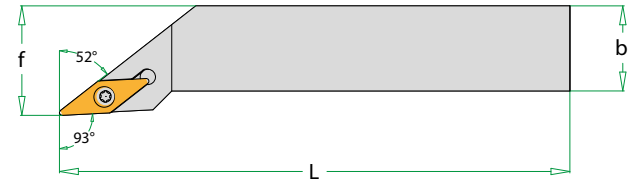
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
STGCR-L 2020K 16	20	20	125	20	25	TCMT 16T3..			
STGCR-L 2525M 16	25	25	150	25	32	TCMT 16T3..	AL.28	CV.19	CV.18

SVHCR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVHCR-L 1212F 11	12	12	80	12	16	VCMT 1103..			
SVHCR-L 1616H 11	16	16	100	16	20	VCMT 1103..	-	-	CV.20
SVHCR-L 2020K 11	20	20	125	20	25	VCMT 1103..	-	-	CV.20
SVHCR-L 2020K 16	20	20	125	20	25	VCMT 1604..	AL.23	CV.19	CV.18
SVHCR-L 2525M 16	25	25	150	25	32	VCMT 1604..	AL.23	CV.19	CV.18

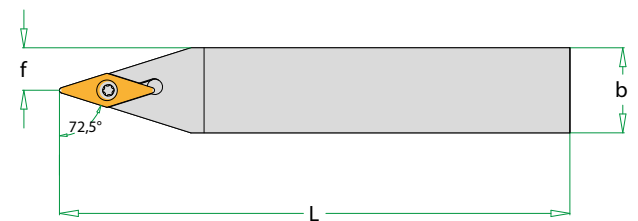
SVJCR



Code No	h	b	L	h1	f	Inserts Platten
SVJCR-L 1010E 07	10	10	70	10	12	VCMT 0702..
SVJCR-L 1212F 11	12	12	80	12	16	VCMT 1103..
SVJCR-L 1616H 11	16	16	100	16	20	VCMT 1103..
SVJCR-L 2020K 11	20	20	125	20	25	VCMT 1103..
SVJCR-L 2020K 16	20	20	125	20	25	VCMT 1604..
SVJCR-L 2525M 16	25	25	150	25	32	VCMT 1604..
SVJCR-L 3225P 16	32	25	170	32	32	VCMT 1604..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.49
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

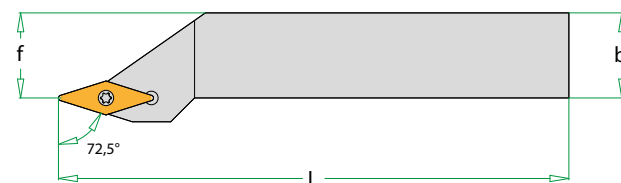
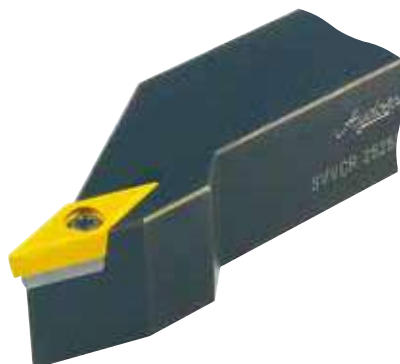
SVVCN

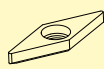


Code No	h	b	L	h1	f	Inserts Platten
SVVCN 1010E 07	10	10	70	10	5	VCMT 0702..
SVVCN 1212F 11	12	12	80	12	6	VCMT 1103..
SVVCN 1616H 11	16	16	100	16	8	VCMT 1103..
SVVCN 2020K 11	20	20	125	20	10	VCMT 1103..
SVVCN 2020K 16	20	20	125	20	10	VCMT 1604..
SVVCN 2525M 16	25	25	150	25	12,5	VCMT 1604..

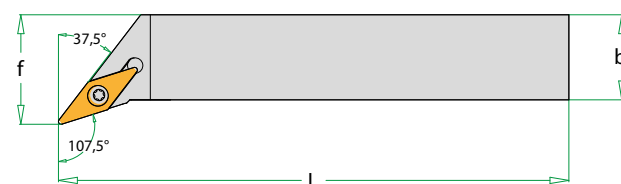
Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.49
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

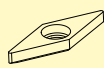
SVVCR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVVCR 2020K 16	20	20	125	20	20	VCMT 1604..			
SVVCR 2525M 16	25	25	150	25	25	VCMT 1604..	AL.23	CV.19	CV.18

SVHBR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVHBR-L 2020K 16	20	20	125	20	25	VBMT 1604..			
SVHBR-L 2525M 16	25	25	150	25	32	VBMT 1604..	AL.23	CV.19	CV.18

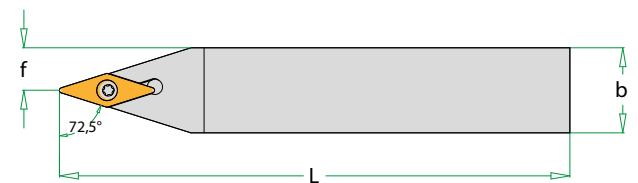
SVJBR



Code No	h	b	L	h1	f	Inserts Platten
SVJBR-L 1212F 1102	12	12	80	12	16	VBMT 1102..
SVJBR-L 1616H 1102	16	16	100	16	20	VBMT 1102..
SVJBR-L 2020K 1102	20	20	125	20	25	VBMT 1102..
SVJBR-L 1212F 11	12	12	80	12	16	VBMT 1103..
SVJBR-L 1616H 11	16	16	100	16	20	VBMT 1103..
SVJBR-L 2020K 11	20	20	125	20	25	VBMT 1103..
SVJBR-L 2020K 16	20	20	125	20	25	VBMT 1604..
SVJBR-L 2525M 16	25	25	150	25	32	VBMT 1604..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

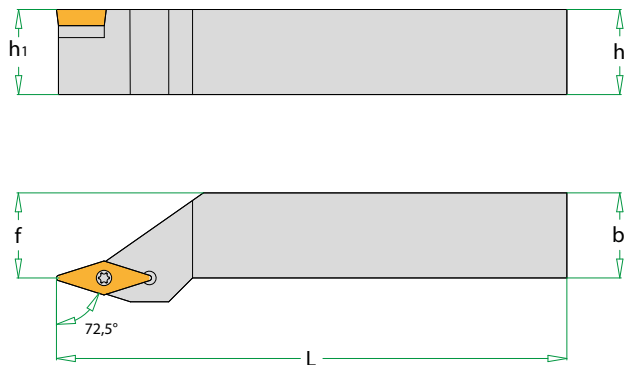
SVVBN



Code No	h	b	L	h1	f	Inserts Platten
SVVBN 1212F 1102	12	12	80	12	6	VBMT 1102..
SVVBN 1616H 1102	16	16	100	16	8	VBMT 1102..
SVVBN 2020K 1102	20	20	125	20	10	VBMT 1102..
SVVBN 1212F 11	12	12	80	12	6	VBMT 1103..
SVVBN 1616H 11	16	16	100	16	8	VBMT 1103..
SVVBN 2020K 11	20	20	125	20	10	VBMT 1103..
SVVBN 2020K 16	20	20	125	20	10	VBMT 1604..
SVVBN 2525M 16	25	25	150	25	12,5	VBMT 1604..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

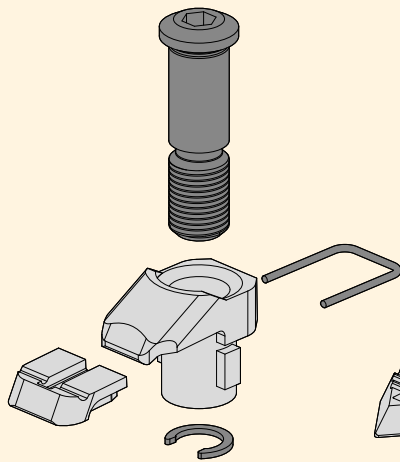
SVVBR



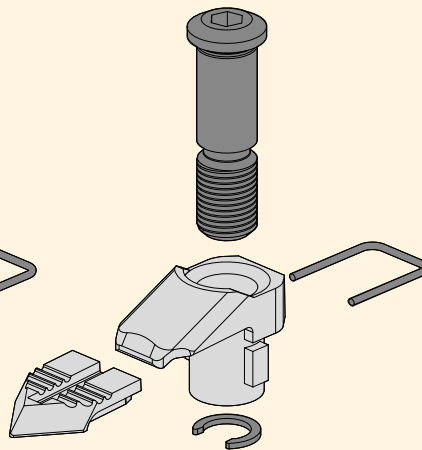
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVVBR 2020K 16	20	20	125	20	20	VBMT 1604..	AL.23	CV.19	CV.18
SVVBR 2525M 16	25	25	150	25	25	VBMT 1604..	AL.23	CV.19	CV.18



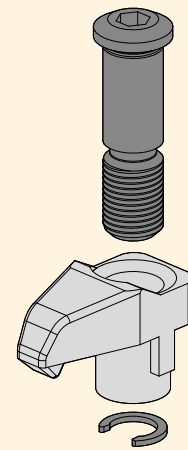
Selecting the clamping system for ceramic tool holders Wählen des Klemmsystems für Keramik Halter



Clamping element
with thrust plate
Klemmelement mit Druckplatte



Clamping element
with chip breaker
Klemmelement mit
Spanformer

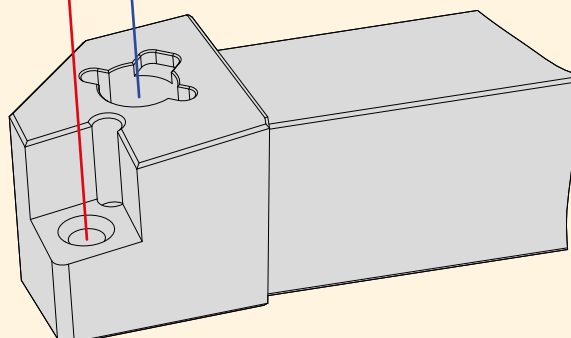
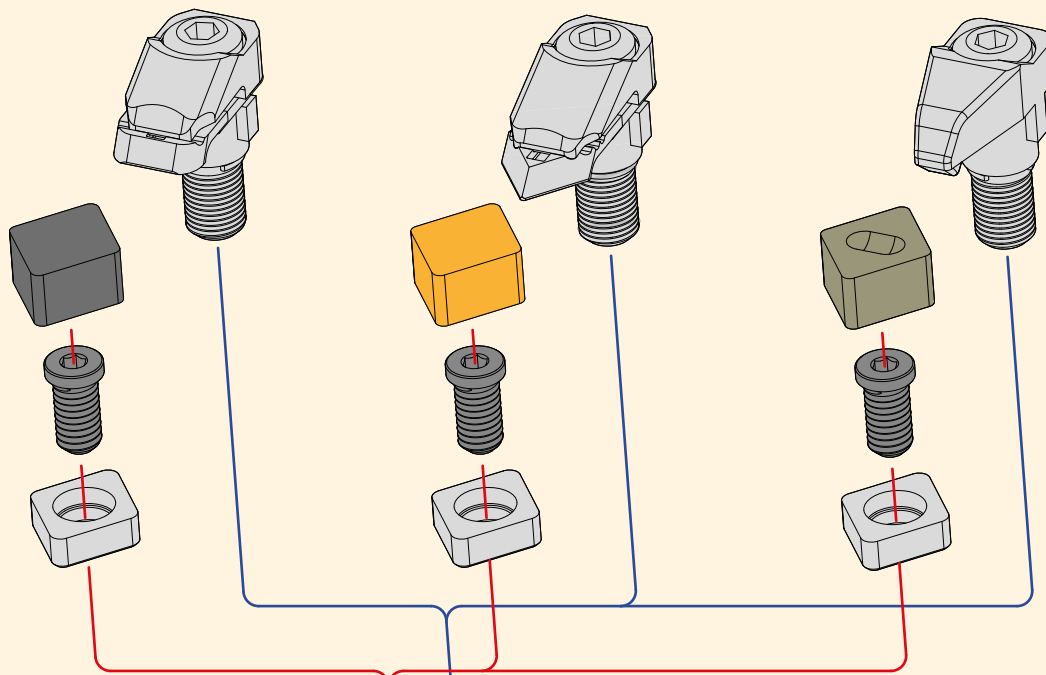


Notch clamping
Muldenklemmung

ID

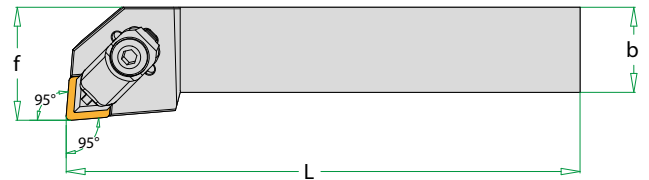
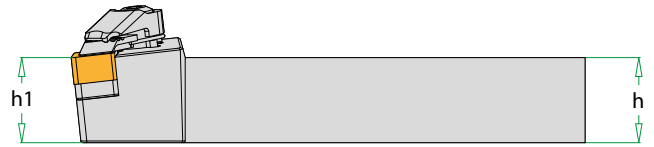
IC

IX

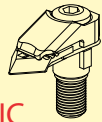
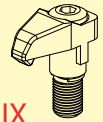


One toolholder 3 clamping systems
Ein Halter mit 3 Klemmsytemen

CCLNR



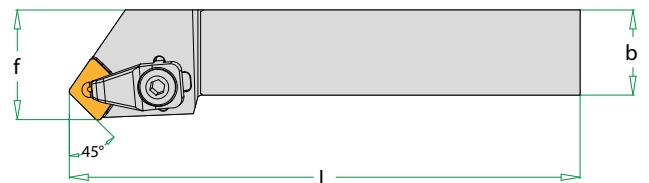
Code No	h	b	L	h1	f	Inserts Platten
CCLNR-L 2525M 12-IC	25	25	150	25	32	CNGN 1207..
CCLNR-L 2525M 12-IX	25	25	150	25	32	CNGX 1207..
CCLNR-L 3232P 12-IC	32	32	170	32	40	CNGN 1207..
CCLNR-L 3232P 12-IX	32	32	170	32	40	CNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
				
IC		IX		
PB.30-IC-SET	TK.01	-	AL.63	CV.40
-	-	PB.31-IX-SET	AL.63	CV.40
PB.30-IC-SET	TK.01	-	AL.63	CV.40
-	-	PB.31-IX-SET	AL.63	CV.40

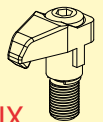
* If you change the shim AL-63.794 on the marked toolholders you can mount also CNGN 1204.. coded insert

Bei Wechslung der Unterlage AL-63.794 auf den markierten Drehhaltern können Sie auch die Wendplatte CNGN 1204.. benutzen

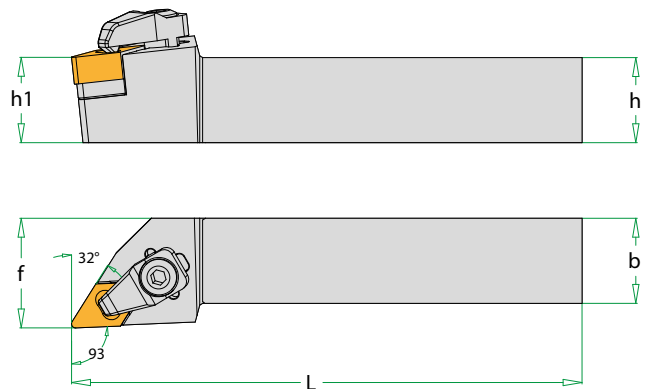
CCSNR



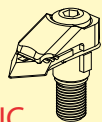
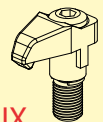
Code No	h	b	L	h1	f	Inserts Platten
CCSNR-L 2525M 12-IX	25	25	150	25	32	CN.. 1207..

Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
		
IX		
PB.31-IX-SET	AL.63	CV.40

CDJNR



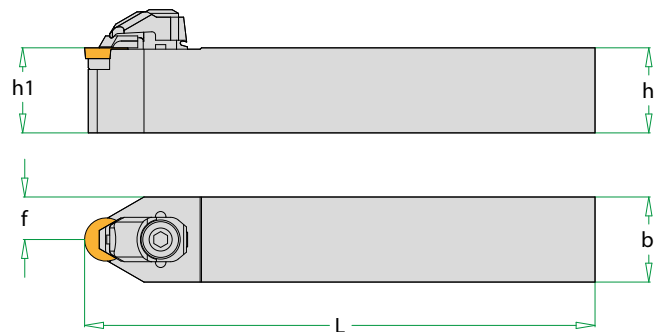
Code No	h	b	L	h1	f	Inserts Platten
CDJNR-L 2525M 15-IC	25	25	150	25	32	DNGN 1507..
CDJNR-L 2525M 15-IX	25	25	150	25	32	DNGX 1507..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
				
IC		IX		
PB.30-IC-SET	TK.01	-	AL.64	CV.40
-	-	PB.31-IX-SET	AL.64	CV.40

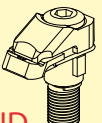
If you change the shim AL-64.794 on the marked toolholders you can mount also DNGN 1504.. coded insert

Bei Wechslung der Unterlage AL-64.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNGN 1504.. benutzen

CRDBN



Code No	h	b	L	h1	f	Inserts Platten
CRDBN 2020K 0602	20	20	125	20	10	RBGN 0602..
CRDBN 2020K 0803	20	20	125	20	10	RBGN 0803..
CRDBN 2525M 1003	25	25	150	25	12,5	RBGN 1003..
CRDBN 2525M 1203	25	25	150	25	12,5	RBGN 1203..

Clamp set ID Klemmfingerset ID	Thrust Plate Druckplatte	Shim Unterlage	Shim Screw Unterlage Schraube	Clamp Screw Klemmschraube
				
ID				
PB.27A	-	-	-	CV.29
PB.27B	-	-	-	CV.29
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02 (30°)	AL.32	AP.17	-

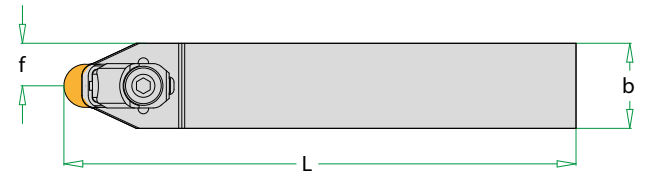
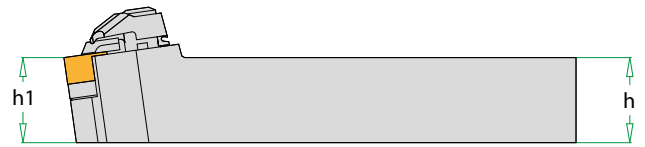
NEW-NEU

NEW-NEU

NEW-NEU

NEW-NEU

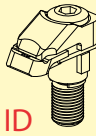
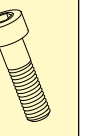
CRDNN



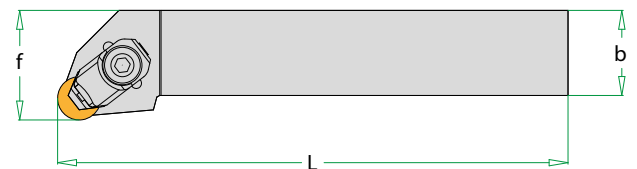
Code No	h	b	L	h1	f	Inserts Platten
CRDNN 2020K 0603	20	20	125	20	10	RNGN 0603..
CRDNN 2020K 0604	20	20	125	20	10	RNGN 0604..
CRDNN 2525M 0903	25	25	150	25	12,5	RNGN 0903..
CRDNN 2525M 0904	25	25	150	25	12,5	RNGN 0904..
CRDNN 2525M 1203	25	25	150	25	12,5	RNGN 1203..
CRDNN 2525M 12-ID	25	25	150	25	12,5	RNGN 1207..
CRDNN 3232P 12-ID	32	32	170	32	16	RNGN 1207..

If you change the shim AL-57.794 on the marked toolholders you can mount also RNGN 1204.. coded insert

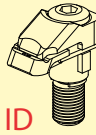
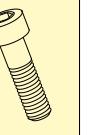
Bei Wechsung der Unterlage AL-57.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte RNGN 1204.. benutzen

Clamp set ID Klemmfingerset ID	Thrust Plate Druckplatte	Shim Unterlage	Shim Screw Unterlage Schraube	Clamp Screw Klemmschraube
				
PB.27A	-	-	-	CV.29
PB.27A	-	-	-	CV.29
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02	AL.57	AP.18	-
PB.29-ID-SET	TK.02	AL.57	AP.18	-
PB.29-ID-SET	TK.02	AL.57	AP.18	-

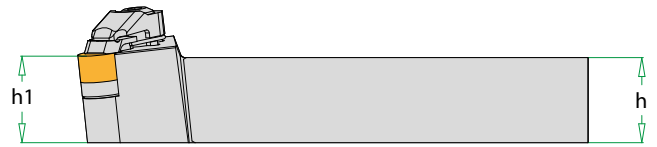
CRSBR



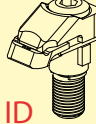
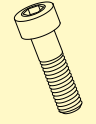
Code No	h	b	L	h1	f	Inserts Platten
CRSBR-L 2020K 0602	20	20	125	20	25	RBGN 0602..
CRSBR-L 2020K 0803	20	20	125	20	25	RBGN 0803..
CRSBR-L 2525M 1003	25	25	150	25	32	RBGN 1003..
CRSBR-L 2525M 1203	25	25	150	25	32	RBGN 1203..

Clamp set ID Klemmfingerset ID	Thrust Plate Druckplatte	Shim Unterlage	Shim Screw Unterlage Schraube	Clamp Screw Klemmschraube
				
PB.27A	-	-	-	CV.29
PB.27B	-	-	-	CV.29
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02 (30°)	AL.32	AP.17	-

CRSNR



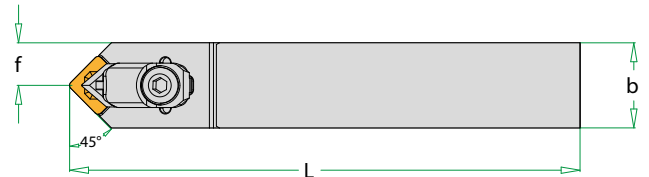
Code No	h	b	L	h1	f	Inserts Platten
NEW-NEU CRSNR-L 2020K 0603	20	20	125	20	25	RNGN 0603..
NEW-NEU CRSNR-L 2020K 0604	20	20	125	20	25	RNGN 0604..
NEW-NEU CRSNR-L 2525M 0903	25	25	150	25	32	RNGN 0903..
NEW-NEU CRSNR-L 2525M 0904	25	25	150	25	32	RNGN 0904..
NEW-NEU CRSNR-L 2525M 1203	25	25	150	25	32	RNGN 1203..
CRSNR-L 2525M 12-ID	25	25	150	25	32	RNGN 1207..
CRSNR-L 3232P 12-ID	32	32	170	32	40	RNGN 1207..
CRSNR-L 3232P 19-ID	32	32	170	32	40	RNGN 1907..

Clamp set ID Klemmfingerset ID	Thrust Plate Druckplatte	Shim Unterlage	Shim Screw Unterlage Schraube	Clamp Screw Klemmschraube
				
ID				
PB.27A	-	-	-	CV.29
PB.27A	-	-	-	CV.29
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02 (30°)	AL.31	AP.17	-
PB.29-ID-SET	TK-02	AL.57	AP.18	-
PB.29-ID-SET	TK.02	AL.57	AP.18	-
PB.29-ID-SET	TK.02	AL.57	AP.18	-
PB.29-ID-SET	TK.02	AL.59	AP.18	-

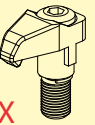
If you change the shim AL-57.794 on the marked toolholders you can mount also RNGN 1204.. coded insert

Bei Wechslung der Unterlage AL-57.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte RNGN 1204.. benutzen

CSDNN



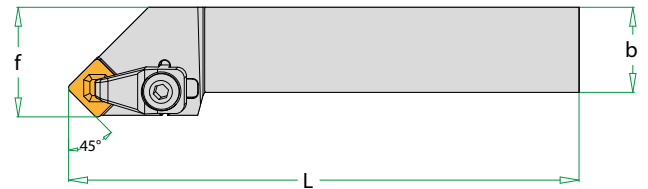
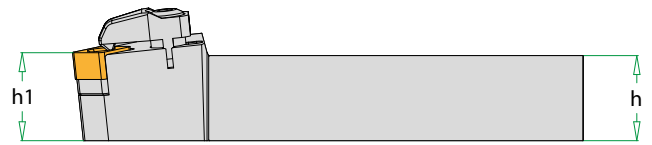
Code No	h	b	L	h1	f	Inserts Platten
NEW-NEU CSDNN 2525M 0903	25	25	150	25	12,5	SNGN 0903..
CSDNN 2525M 12-IC	25	25	150	25	12,5	SNGN 1207..
CSDNN 2525M 12-IX	25	25	150	25	12,5	SNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
				
IC		IX		
PB.29-ID-SET	TK.02	-	AL.29	AP.17
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40

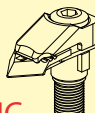
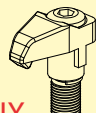
If you change the shim AL-65.794 on the marked toolholders you can mount also SNGN 1204.. coded insert

Bei Wechslung der Unterlage AL-65.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte SNGN 1204.. benutzen

CSSNR



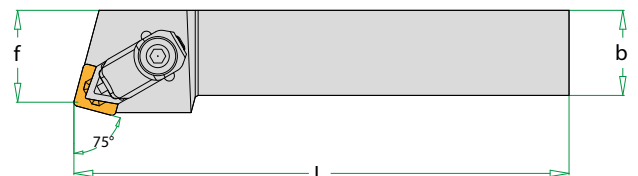
Code No	h	b	L	h1	f	Inserts Platten
CSSNR-L 2525M 0903	25	25	150	25	32	SNGN 0903..
CSSNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSSNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
				
IC		IX		
PB.29-ID-SET	TK.02	-	AL.29	AP.17
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40

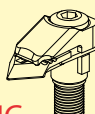
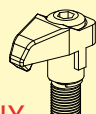
If you change the shim AL-65.794 on the marked toolholders you can mount also SNGN 1204.. coded insert

Bei Wechslung der Unterlage AL-65.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte SNGN 1204.. benutzen

CSRNR



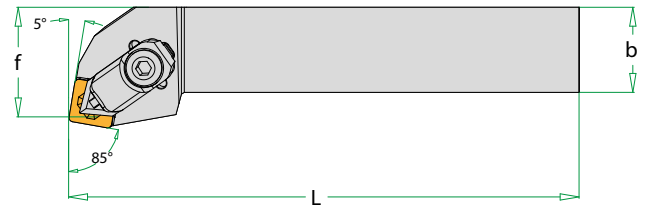
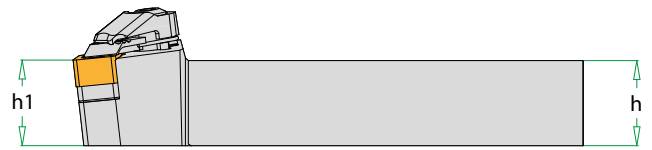
Code No	h	b	L	h1	f	Inserts Platten
CSRNR-L 2525M 12-IC	25	25	150	25	27	SNGN 1207..
CSRNR-L 2525M 12-IX	25	25	150	25	27	SNGX 1207..
CSRNR-L 3232P 12-IC	32	32	170	32	35	SNGN 1207..
CSRNR-L 3232P 12-IX	32	32	170	32	35	SNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
				
IC		IX		
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40

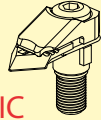
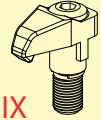
If you change the shim AL-65.794 on the marked toolholders you can mount also SNGN 1204.. coded insert

Bei Wechslung der Unterlage AL-65.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte SNGN 1204.. benutzen

CSXNR



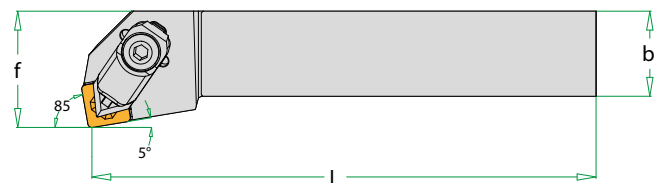
Code No	h	b	L	h1	f	Inserts Platten
CSXNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSXNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
 IC		 IX		
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40

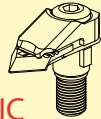
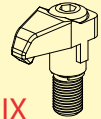
If you change the shim AL-65.794 on the marked toolholders you can mount also SNGN 1204.. coded insert

Bei Wechsung der Unterlage AL-65.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte SNGN 1204.. benutzen

CSYNR



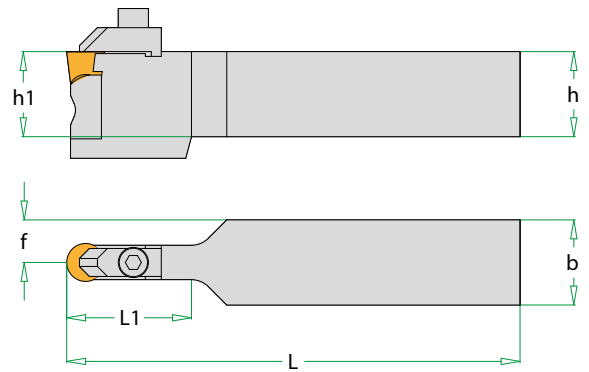
Code No	h	b	L	h1	f	Inserts Platten
CSYNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSYNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set IC Klemmfingerset IC	Thrust Plate Druckplatte	Clamp set IX Klemmfingerset IX	Shim Unterlage	Shim Screw Unterlage Schraube
 IC		 IX		
PB.30-IC-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-IX-SET	AL.65	CV.40

If you change the shim AL-65.794 on the marked toolholders you can mount also SNGN 1204.. coded insert

Bei Wechsung der Unterlage AL-65.794 auf den markierten Drehhaltern können Sie auch die Wendeplatte SNGN 1204.. benutzen

CRDCN



Code No	h	b	L	L1	h1	f	Inserts Platten
CRDCN 3232P 06	32	32	170	19.5	32	16	RCGX 0606..
CRDCN 3232P 09	32	32	170	31.5	32	16	RCGX 0907..
CRDCN 3232P 12	32	32	170	38.5	32	16	RCGX 1207..
CRDCN 3232P 15	32	32	170	41	32	16	RCGX 1510..
NEW-NEU CRDCN 4040S 12	40	40	250	38.5	40	20	RCGX 1207..
NEW-NEU CRDCN 4040S 12-50	40	40	250	50	40	20	RCGX 1207..
NEW-NEU CRDCN 5040S 12	50	40	250	38.5	50	20	RCGX 1207..
NEW-NEU CRDCN 5040S 12-50	50	40	250	50	50	20	RCGX 1207..

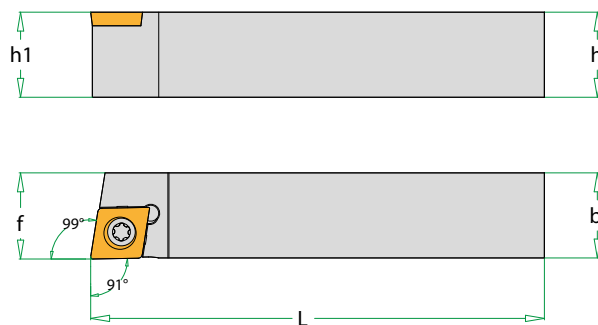
Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Unterlage Schraube
AL.49	PB.26	CV.28	AP.22
AL.50	PB.27	CV.29	AP.23
AL.51	PB.28	CV.30	CV.29
AL.52	PB.28	CV.30	CV.29
AL.51	PB.28	CV.30	CV.29
AL.51	PB.28	CV.30	CV.29
AL.51	PB.28	CV.30	CV.29



Swiss Type External Turning Toolholders Swiss Typ Halter für Außenbearbeitung



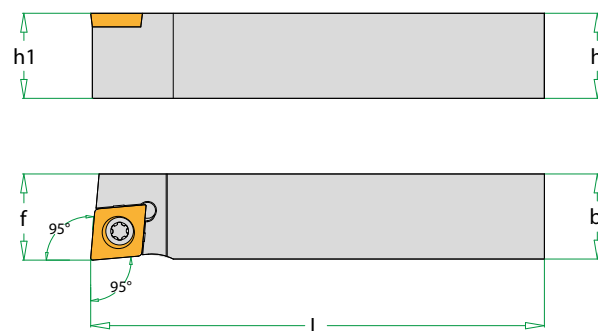
SCACR



Code No	h	b	L	h1	f	Inserts Platten
SCACR-L 1010K 06	10	10	125	10	10	CCMT 0602..
SCACR-L 1212K 06	12	12	125	12	12	CCMT 0602..
SCACR-L 1212K 09	12	12	125	12	12	CCMT 09T3..
SCACR-L 1616K 09	16	16	125	16	16	CCMT 09T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

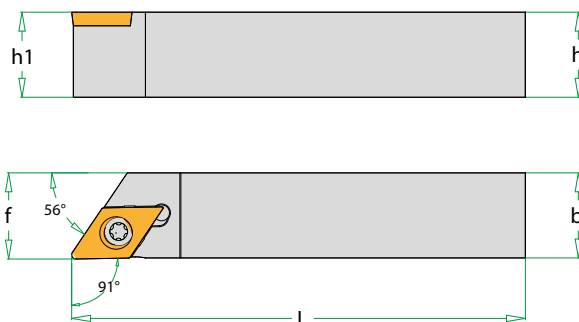
SCLCR



Code No	h	b	L	h1	f	Inserts Platten
SCLCR-L 1010K 06	10	10	125	10	10	CCMT 0602..
SCLCR-L 1212K 06	12	12	125	12	12	CCMT 0602..
SCLCR-L 1212K 09	12	12	125	12	12	CCMT 09T3..
SCLCR-L 1616K 09	16	16	125	16	16	CCMT 09T3..

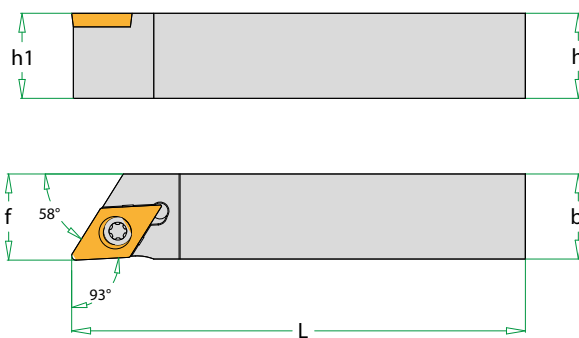
Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

SDACR



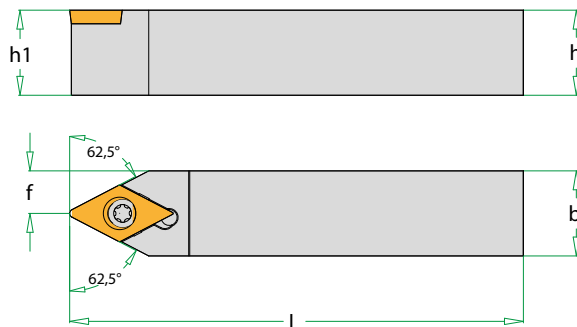
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SDACR-L 1010K 07	10	10	125	10	10	DCMT 0702..			CV.20
SDACR-L 1212K 11	12	12	125	12	12	DCMT 11T3..	-	-	CV.18
SDACR-L 1616K 11	16	16	125	16	16	DCMT 11T3..	-	-	CV.18

SDJCR



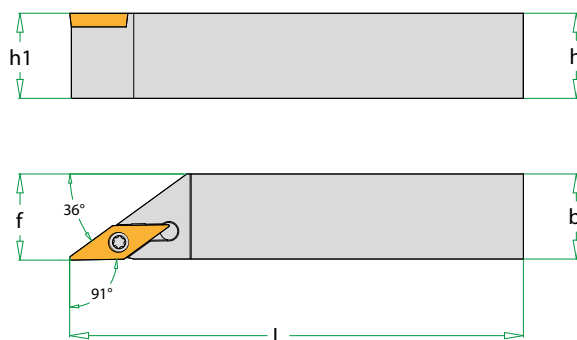
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SDJCR-L 1212K 11	12	12	125	12	12	DCMT 11T3..			CV.18
SDJCR-L 1616K 11	16	16	125	16	16	DCMT 11T3..	-	-	CV.18

SDNCN



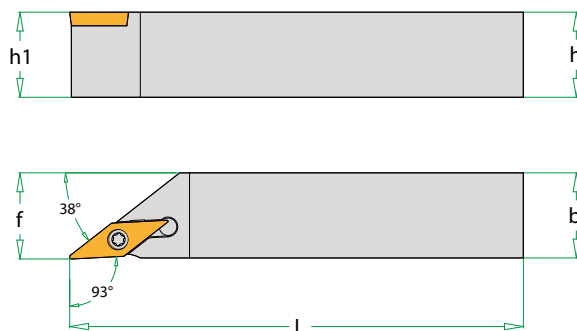
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SDNCN 1010K 07	10	10	125	10	5	DCMT 0702..			CV.20
SDNCN 1212K 11	12	12	125	12	6	DCMT 11T3..	-	-	CV.18
SDNCN 1616K 11	16	16	125	16	8	DCMT 11T3..	-	-	CV.18

SVABR



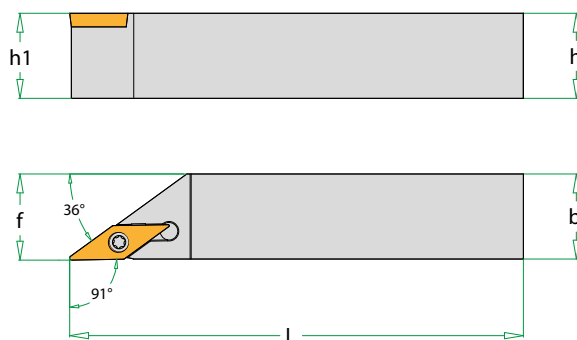
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVABR-L 1010K 11	10	10	125	10	10	VBMT 1103..			CV.20
SVABR-L 1212K 11	12	12	125	12	12	VBMT 1103..	-	-	CV.20
SVABR-L 1616K 11	16	16	125	16	16	VBMT 1103..	-	-	CV.20

SVJBR



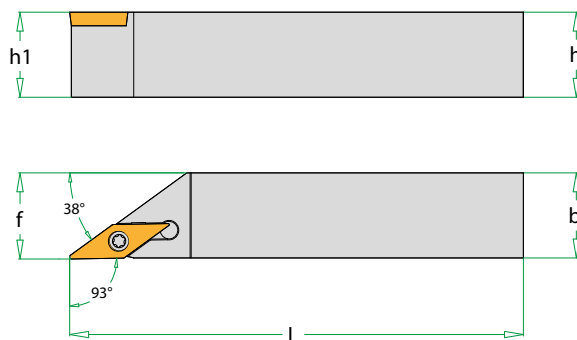
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVJBR-L 1010K 11	10	10	125	10	10	VBMT 1103..			CV.20
SVJBR-L 1212K 11	12	12	125	12	12	VBMT 1103..	-	-	CV.20
SVJBR-L 1616K 11	16	16	125	16	16	VBMT 1103..	-	-	CV.20

SVACR



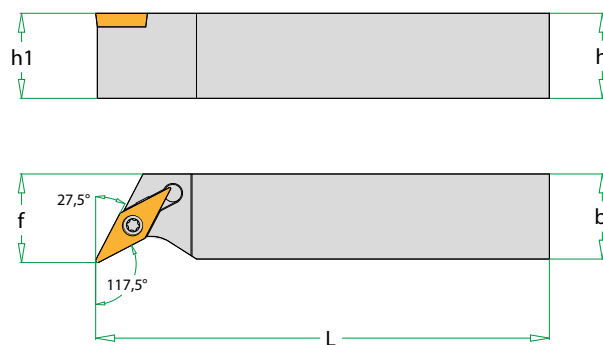
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVACR-L 1010K 11	10	10	125	10	10	VCMT 1103..			CV.20
SVACR-L 1212K 11	12	12	125	12	12	VCMT 1103..	-	-	CV.20
SVACR-L 1616K 11	16	16	125	16	16	VCMT 1103..	-	-	CV.20

SVJCR



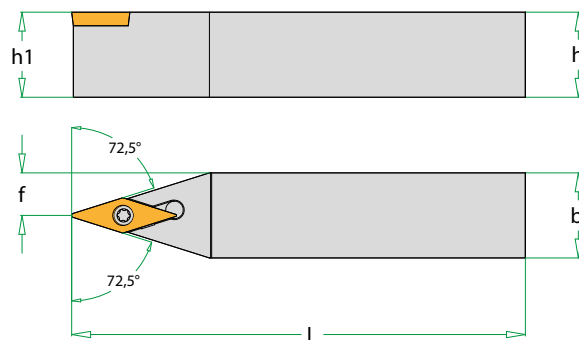
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVJCR-L 1010K 11	10	10	125	10	10	VCMT 1103..			CV.20
SVJCR-L 1212K 11	12	12	125	12	12	VCMT 1103..	-	-	CV.20
SVJCR-L 1616K 11	16	16	125	16	16	VCMT 1103..	-	-	CV.20

SVPCR



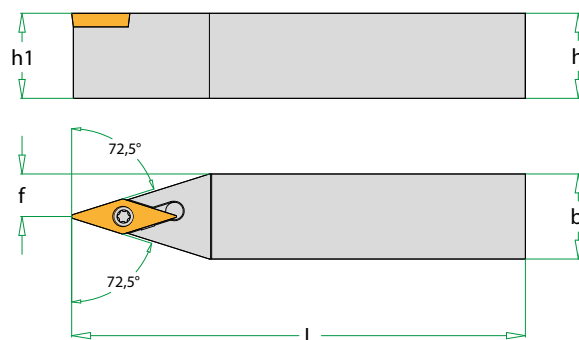
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVPCR-L 1010K 11	10	10	125	10	10,6	VCMT 1103..			CV.20
SVPCR-L 1212K 11	12	12	125	12	12,6	VCMT 1103..	-	-	CV.20
SVPCR-L 1616K 11	16	16	125	16	16,6	VCMT 1103..	-	-	CV.20

SVVBN



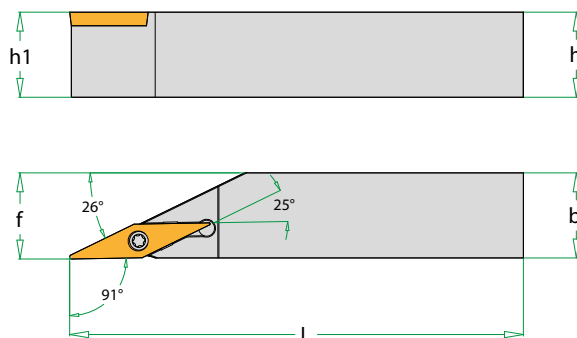
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVVBN 1010K 11	10	10	125	10	5	VBMT 1103..			CV.20
SVVBN 1212K 11	12	12	125	12	6	VBMT 1103..	-	-	CV.20
SVVBN 1616K 11	16	16	125	16	8	VBMT 1103..	-	-	CV.20

SVVCN



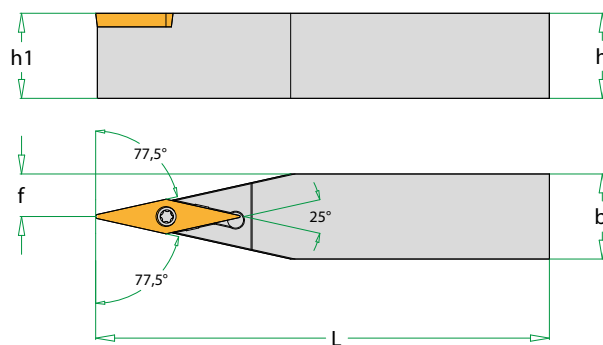
Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SVVCN 1010K 11	10	10	125	10	5	VCMT 1103..			CV.20
SVVCN 1212K 11	12	12	125	12	6	VCMT 1103..	-	-	CV.20
SVVCN 1616K 11	16	16	125	16	8	VCMT 1103..	-	-	CV.20

SXACR



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SXACR-L 1010K 15	10	10	125	10	10	XCMT 1503..			CV.20
SXACR-L 1212K 15	12	12	125	12	12	XCMT 1503..	-	-	CV.20
SXACR-L 1616K 15	16	16	125	16	16	XCMT 1503..	-	-	CV.20

SXVCN



Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
SXVCN 1010K 15	10	10	125	10	5	XCMT 1503..			CV.20
SXVCN 1212K 15	12	12	125	12	6	XCMT 1503..	-	-	CV.20
SXVCN 1616K 15	16	16	125	16	8	XCMT 1503..	-	-	CV.20

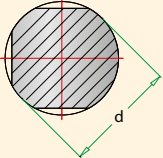
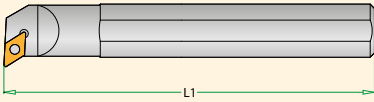
Internal Turning Toolholders
Halter für Innenbearbeitung

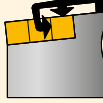
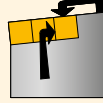
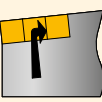
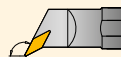
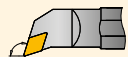
Aydosa

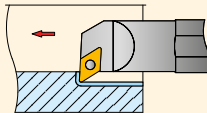
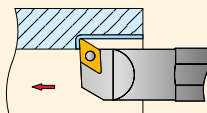
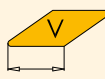
Internal Turning Code Key - Innendrehen Code-Schlüssel

Extract from ISO - Extrakte von ISO

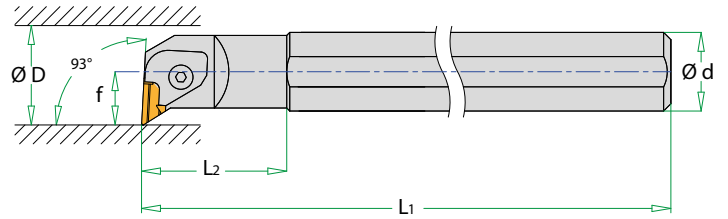
S	25	T	D	W	L	N	R	08
1	2	3	4	5	6	7	8	9

1 Clamping System Klemmsystem	2 Shank Diameter mm Schaftdurchmesser mm	3 Tool Length - Werkzeug Gesamtlänge L mm
A : Steel bar with internal coolant supply C : Carbide Shank Bar E : Coolant Through Carbide Shank S : Steel Shank	 8 = 08 25 = 25 10 = 10 32 = 32 12 = 12 40 = 40 16 = 16 50 = 50 20 = 20 60 = 60	 F = 80 M = 150 R = 200 V = 400 H = 100 N = 160 S = 250 W = 450 K = 125 P = 170 T = 300 Y = 500 L = 140 Q = 180 U = 350 X = Special

4 Clamping System - Klemmsystem	5 Insert Shape - Plattenform	6 Approach Angle - Anstellwinkel Halter
Top clamping Spannhebel Klemmung  C Top and hole clamping Doppel Klemmsystem  D Wedge clamping Doppel Pratzeklemmung  M Lever clamping Kniehebel Spannung  P Screw clamping Schrauben Klemmsystem  S	80°  C 55°  D 55°  K 55°  R 35°  S 80°  T 35°  V 80°  W	90°  F 95°  L 117,5°  P 107,5°  Q 93°  U 62,5°  W

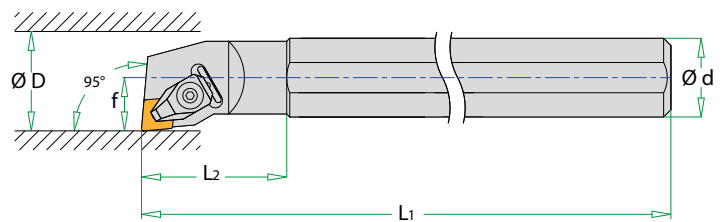
7 Insert Clearance Angle - WSP Freiwinkel	8 Hand of Tool - Vorschubrichtung	9 Cutting Edge Length WSP Schneidkantenlänge in mm
3°  A 5°  B 7°  C 15°  D 20°  E 25°  F 30°  G 0°  N 11°  P	R  L 	C  E  D  K  R  S  T  V  W 

CKUNR



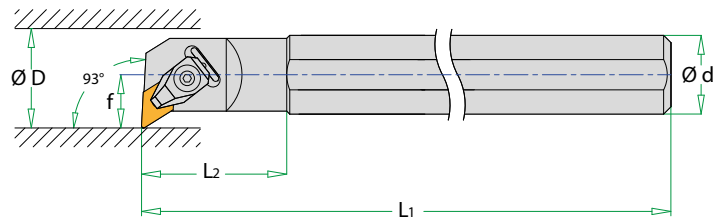
Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Pin Rohrstift	Spring-Pin Pin
S32S CKUNR 16	32	250	60	22	44	KNUX 1604..	AL.10L	PB.10L	CV.10	YY.10	AP.10	YP.10A
S40T CKUNR 16	40	300	70	27	48	KNUX 1604..	AL.10L	PB.10L	CV.10	YY.10	AP.10	YP.10A

DCLNR



Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passstift
S25R DCLNR-L 12	25	200	55	17	32	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
S32S DCLNR-L 12	32	250	60	22	40	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
S40T DCLNR-L 12	40	300	65	27	50	CNMG 1204..	AL.34	PB.20	CV.15	YY.13	AP.18
S40T DCLNR-L 16	40	300	65	27	50	CNMG 1606..	AL.35	PB.21	CV.15	YY.13	AP.20

DDUNR

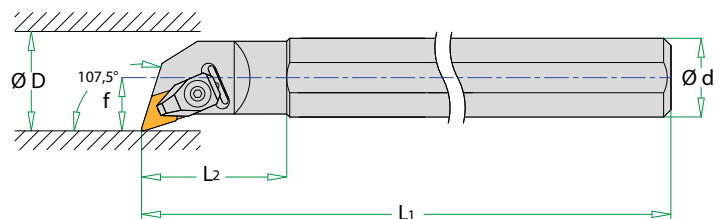


Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
S20Q DDUNR-L 11	20	180	45	14	27	DNMG 1104..	-	PB.19A	CV.27A	YY.12	-
S25R DDUNR-L 11	25	200	55	17	32	DNMG 1104..	AL.42	PB.19A	CV.27A	YY.12	AP.17
S32S DDUNR-L 11	32	250	55	22	40	DNMG 1104..	AL.42	PB.19A	CV.27A	YY.12	AP.17
* S32S DDUNR-L 15	32	250	55	22	40	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17
* S40T DDUNR-L 15	40	300	65	27	50	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17

* If you change the shim AL-45 on the marked toolholders you can mount also DNMG 1504.. coded insert

* Bei Wechslung der Unterlage AL-45 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

DDQNR

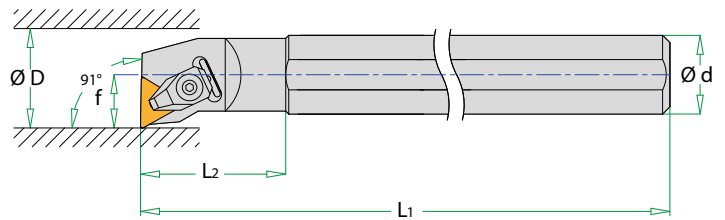


Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
S20Q DDQNR-L 11	20	180	45	13	25	DNMG 1104..	-	PB.19A	CV.27A	YY.12	-
S25R DDQNR-L 11	25	200	55	17	32	DNMG 1104..	AL.42	PB.19A	CV.27A	YY.12	AP.17
S32S DDQNR-L 11	32	250	55	22	40	DNMG 1104..	AL.42	PB.19A	CV.27A	YY.12	AP.17
* S32S DDQNR-L 15	32	250	55	22	40	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17
* S40T DDQNR-L 15	40	300	65	27	50	DNMG 1506..	AL.40	PB.20	CV.15	YY.13	AP.17

* If you change the shim AL-45 on the marked toolholders you can mount also DNMG 1504.. coded insert

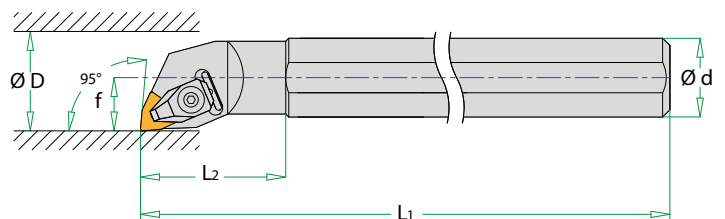
* Bei Wechslung der Unterlage AL-45 auf den markierten Drehhaltern können Sie auch die Wendeplatte DNMG 1504.. benutzen

DTFNR



Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
S25R DTFNR-L 16	25	200	55	17	32	TNMG 1604..	AL.22	PB.19A	CV.27A	YY.12	AP.17
S32S DTFNR-L 16	32	250	60	22	40	TNMG 1604..	AL.22	PB.19	CV.27	YY.12	AP.17
S40T DTFNR-L 16	40	300	65	27	50	TNMG 1604..	AL.22	PB.19	CV.27	YY.12	AP.17
S32S DTFNR-L 22	32	250	60	22	40	TNMG 2204..	AL.38	PB.20	CV.15	YY.13	AP.19
S40T DTFNR-L 22	40	300	65	27	50	TNMG 2204..	AL.38	PB.20	CV.15	YY.13	AP.19

DWLNR

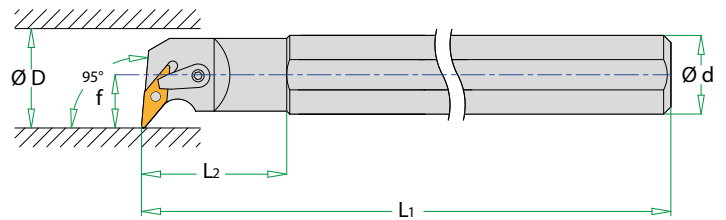


Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Screw Schraube	Spring Feder	Shim Screw Passestift
S20Q DWLNR-L 06-T3	20	180	45	13	26	WNMG 06T3..	AL.43	PB.19A	CV.27A	YY.12	AP.17
S20Q DWLNR-L 06	20	180	45	13	26	WNMG 0604..	-	PB.19A	CV.27A	YY.12	-
* S25R DWLNR-L 06	25	200	50	17	32	WNMG 0604..	AL.43	PB.19A	CV.27A	YY.12	AP.17
* S32S DWLNR-L 06	32	250	55	22	40	WNMG 0604..	AL.43	PB.19	CV.27	YY.12	AP.17
S25R DWLNR-L 08	25	200	55	17	32	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18
S32S DWLNR-L 08	32	250	60	22	40	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18
S40T DWLNR-L 08	40	300	65	27	50	WNMG 0804..	AL.33	PB.20	CV.15	YY.13	AP.18

* If you change the shim AL-44 on the marked toolholders you can mount also WNMG 06T3.. coded insert

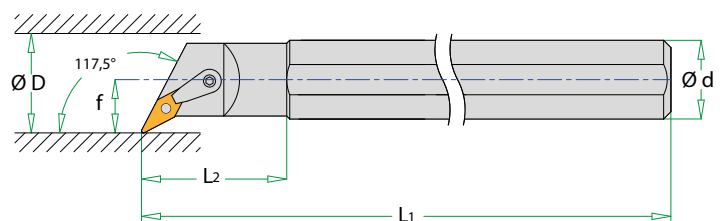
* Bei Wechslung der Unterlage AL-44 auf den markierten Drehhaltern können Sie auch die Wendepatte WNMG 06T3.. benutzen

MVLNR



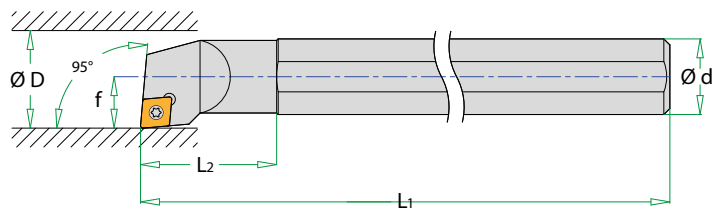
Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Passstift
S25R MVLNR-L 16	25	200	50	17	32	VNMG 1604..				
S32S MVLNR-L 16	32	250	55	22	40	VNMG 1604..	AL.41	PB.23	CV.25	AP.15
S40T MVLNR-L 16	40	300	60	27	50	VNMG 1604..	AL.41	PB.23	CV.25	AP.15

MVPNR



Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Clamp Pratze	Clamp screw Schraube	Shim Screw Passstift
S25R MVPNR-L 16	25	200	50	17	32	VNMG 1604..				
S32S MVPNR-L 16	32	250	55	22	40	VNMG 1604..	AL.41	PB.23	CV.25	AP.15
S40T MVPNR-L 16	40	300	60	27	50	VNMG 1604..	AL.41	PB.23	CV.25	AP.15

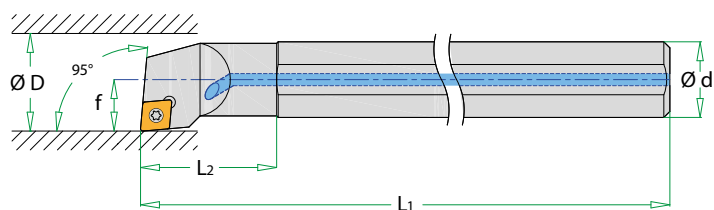
SCLCR



Code No	d	L1	L2	f	D	Inserts Platten
S08F SCLCR-L 06	8	80	22	6	11	CCMT 0602..
S10H SCLCR-L 06	10	100	24	7	13	CCMT 0602..
S12K SCLCR-L 06	12	125	27	9	16	CCMT 0602..
S16M SCLCR-L 06	16	150	32	11	20	CCMT 0602..
S16M SCLCR-L 09	16	150	32	11	20	CCMT 09T3..
S20Q SCLCR-L 09	20	180	40	13	25	CCMT 09T3..
S25R SCLCR-L 09	25	200	45	17	32	CCMT 09T3..
S25R SCLCR-L 12	25	200	45	17	32	CCMT 1204..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20A
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18
-	-	CV.17

SCLCR

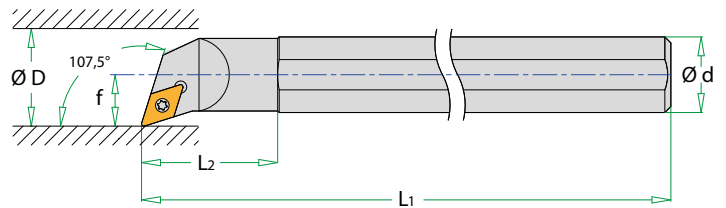


Code No	d	L1	L2	f	D	Inserts Platten
A08F SCLCR-L 06	8	80	22	6	11	CCMT 0602..
A10H SCLCR-L 06	10	100	24	7	13	CCMT 0602..
A12K SCLCR-L 06	12	125	27	9	16	CCMT 0602..
A16M SCLCR-L 06	16	150	32	11	20	CCMT 0602..
A16M SCLCR-L 09	16	150	32	11	20	CCMT 09T3..
A20Q SCLCR-L 09	20	180	40	13	25	CCMT 09T3..
A25R SCLCR-L 09	25	200	45	17	32	CCMT 09T3..
A25R SCLCR-L 12	25	200	45	17	32	CCMT 1204..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20A
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18
-	-	CV.17

NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU

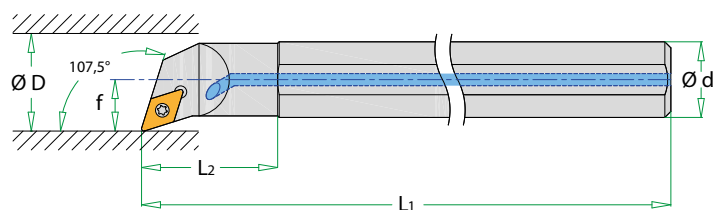
SDQCR



Code No	d	L1	L2	f	D	Inserts Platten
S10H SDQCR-L 07	10	100	24	7	13	DCMT 0702..
S12K SDQCR-L 07	12	125	27	9	16	DCMT 0702..
S16M SDQCR-L 07	16	150	32	11	20	DCMT 0702..
S16M SDQCR-L 11	16	150	32	11	20	DCMT 11T3..
S20Q SDQCR-L 11	20	180	40	13	25	DCMT 11T3..
S25R SDQCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

SDQCR

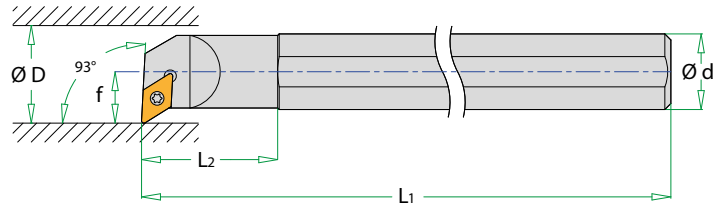


Code No	d	L1	L2	f	D	Inserts Platten
A10H SDQCR-L 07	10	100	24	7	13	DCMT 0702..
A12K SDQCR-L 07	12	125	27	9	16	DCMT 0702..
A16M SDQCR-L 07	16	150	32	11	20	DCMT 0702..
A16M SDQCR-L 11	16	150	32	11	20	DCMT 11T3..
A20Q SDQCR-L 11	20	180	40	13	25	DCMT 11T3..
A25R SDQCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU

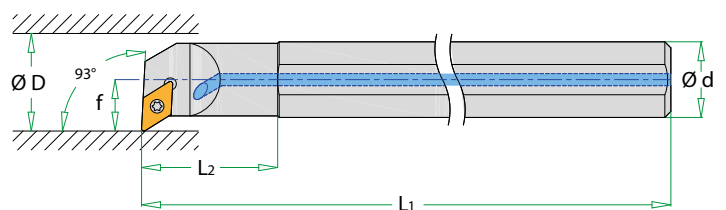
SDUCR



Code No	d	L1	L2	f	D	Inserts Platten
S10H SDUCR-L 07	10	100	24	7	13	DCMT 0702..
S12K SDUCR-L 07	12	125	27	9	16	DCMT 0702..
S16M SDUCR-L 07	16	150	32	11	20	DCMT 0702..
S16M SDUCR-L 11	16	150	32	11	20	DCMT 11T3..
S20Q SDUCR-L 11	20	180	40	13	25	DCMT 11T3..
S25R SDUCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

SDUCR

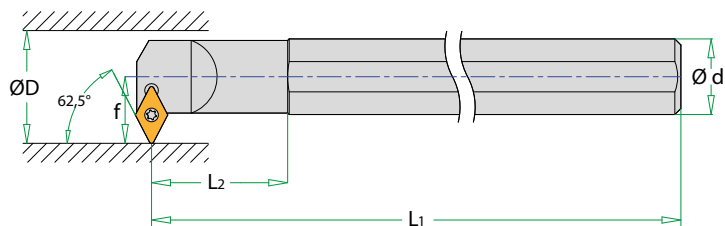


Code No	d	L1	L2	f	D	Inserts Platten
A10H SDUCR-L 07	10	100	24	7	13	DCMT 0702..
A12K SDUCR-L 07	12	125	27	9	16	DCMT 0702..
A16M SDUCR-L 07	16	150	32	11	20	DCMT 0702..
A16M SDUCR-L 11	16	150	32	11	20	DCMT 11T3..
A20Q SDUCR-L 11	20	180	40	13	25	DCMT 11T3..
A25R SDUCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU

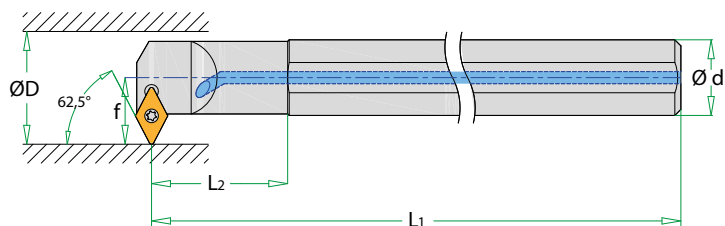
SDWCR



Code No	d	L1	L2	f	D	Inserts Platten
S12K SDWCR 07	12	125	27	11	19	DCMT 0702..
S16M SDWCR 07	16	150	32	13	23	DCMT 0702..
S20Q SDWCR 11	20	180	40	17	29	DCMT 11T3..
S25R SDWCR 11	25	200	45	22	37	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

SDWCR

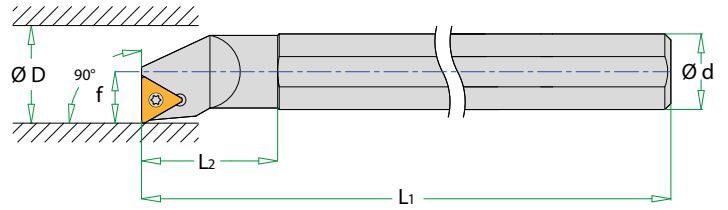


Code No	d	L1	L2	f	D	Inserts Platten
A12K SDWCR 07	12	125	27	11	19	DCMT 0702..
A16M SDWCR 07	16	150	32	13	23	DCMT 0702..
A20Q SDWCR 11	20	180	40	17	29	DCMT 11T3..
A25R SDWCR 11	25	200	45	22	37	DCMT 11T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU

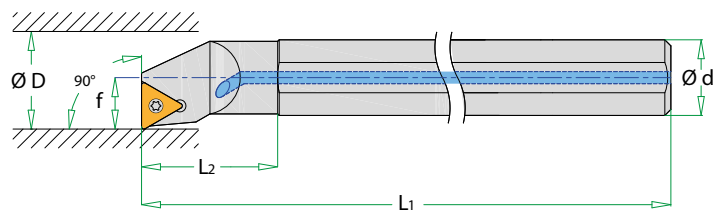
STFCR



Code No	d	L1	L2	f	D	Inserts Platten
S10H STFCR-L 11	10	100	24	7	13	TCMT 1102..
S12K STFCR-L 11	12	125	27	9	16	TCMT 1102..
S16M STFCR-L 11	16	150	32	11	20	TCMT 1102..
S16M STFCR-L 16	16	150	34	11	20	TCMT 16T3..
S20Q STFCR-L 16	20	180	40	13	25	TCMT 16T3..
S25R STFCR-L 16	25	200	45	17	32	TCMT 16T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18
-	-	CV.18

STFCR

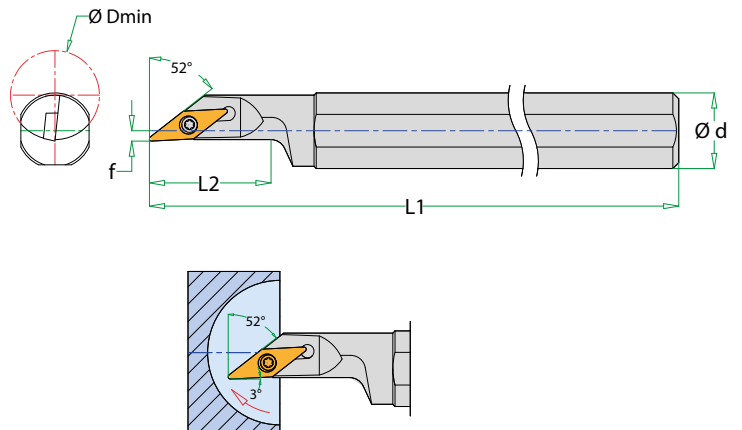


Code No	d	L1	L2	f	D	Inserts Platten
A10H STFCR-L 11	10	100	24	7	13	TCMT 1102..
A12K STFCR-L 11	12	125	27	9	16	TCMT 1102..
A16M STFCR-L 11	16	150	32	11	20	TCMT 1102..
A16M STFCR-L 16	16	150	34	11	20	TCMT 16T3..
A20Q STFCR-L 16	20	180	40	13	25	TCMT 16T3..
A25R STFCR-L 16	25	200	45	17	32	TCMT 16T3..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18
-	-	CV.18

NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU
NEW-NEU

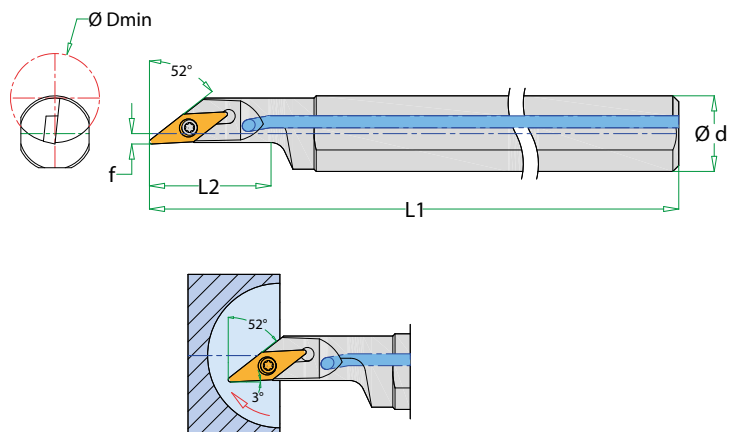
SVJCR



Code No	d	L1	L2	f	ØD	Inserts Platten
S16M SVJCR 11	16	150	35	2	20	VCMT 1103..
S20Q SVJCR 11	20	180	42.5	2	25	VCMT 1103..
S25R SVJCR 16	25	200	45	3	30	VCMT 1604..

Screw Schraube	Shim Unterlage	Shim Screw Unterlage Schraube
		
CV.20	-	-
CV.20	-	-
CV.18	-	-

SVJCR

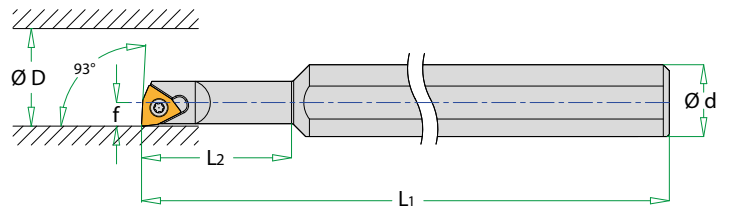


Code No	d	L1	L2	f	ØD	Inserts Platten
A16M SVJCR 11	16	150	35	2	20	VCMT 1103..
A20Q SVJCR 11	20	180	42.5	2	25	VCMT 1103..
A25R SVJCR 16	25	200	45	3	30	VCMT 1604..

Screw Schraube	Shim Unterlage	Shim Screw Unterlage Schraube
		
CV.20	-	-
CV.20	-	-
CV.18	-	-

NEW-NEU
NEW-NEU
NEW-NEU

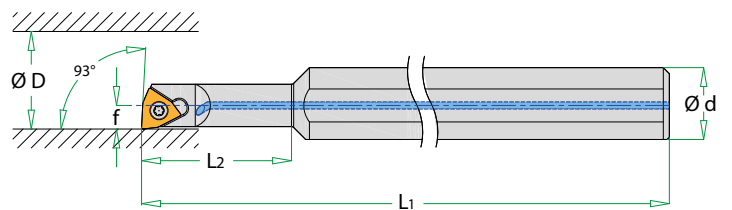
SWUBR



Code No	d	L1	L2	f	D	Inserts Platten
S0610H SWUBR-L 06	10	100	20	3	6	WBMT 0602..
S0710H SWUBR-L 06	10	100	24	3,5	7	WBMT 0602..
S0810H SWUBR-L 06	10	100	32	4	8	WBMT 0602..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
		
-	-	CV.41
-	-	CV.41
-	-	CV.41

SWUBR



Code No	d	L1	L2	f	D	Inserts Platten
A0610H SWUBR-L 06	10	100	20	3	6	WBMT 0602..
A0710H SWUBR-L 06	10	100	24	3,5	7	WBMT 0602..
A0810H SWUBR-L 06	10	100	32	4	8	WBMT 0602..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
		
-	-	CV.41
-	-	CV.41
-	-	CV.41

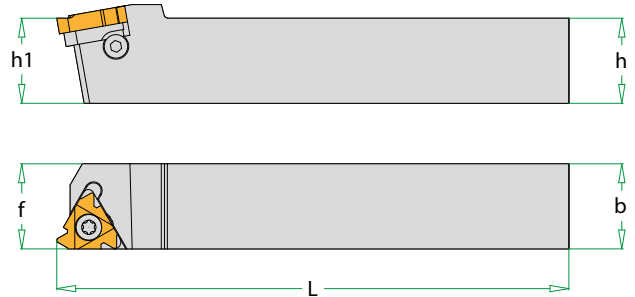
Aydosa

**Threading Tools
Gewinde
Drehwerkzeuge**



SER

The toolholders are made with 1,5° helix angle
Die Werkzeughalter werden mit 1,5° Steigungswinkel hergestellt



Code No	h	b	L	h1	f	Inserts Platten
SER 1212F 11	12	12	80	12	12	11 ER..
SER 1616H 11	16	16	100	16	16	11 ER..
SER 1212H 16	12	12	100	12	12	16 ER..
SER 1616H 16	16	16	100	16	16	16 ER..
SER 2020K 16	20	20	125	20	20	16 ER..
SER 2525M 16	25	25	150	25	25	16 ER..
SER 2525M 22	25	25	150	25	25	22 ER..
SER 3232P 22	32	32	170	32	32	22 ER..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.55	CV.33	CV.35
AL.55	CV.33	CV.35

SEL

The toolholders are made with 1,5° helix angle
Die Werkzeughalter werden mit 1,5° Steigungswinkel hergestellt

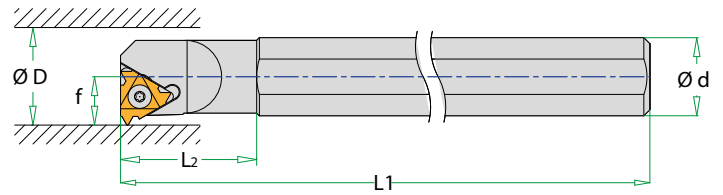


Code No	h	b	L	h1	f	Inserts Platten
SEL 1212F 11	12	12	80	12	12	11 EL..
SEL 1616H 11	16	16	100	16	16	11 EL..
SEL 1212H 16	12	12	100	12	12	16 EL..
SEL 1616H 16	16	16	100	16	16	16 EL..
SEL 2020K 16	20	20	125	20	20	16 EL..
SEL 2525M 16	25	25	150	25	25	16 EL..
SEL 2525M 22	25	25	150	25	25	22 EL..
SEL 3232P 22	32	32	170	32	32	22 EL..

Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
-	-	CV.20
-	-	CV.20
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.56	CV.33	CV.35
AL.56	CV.33	CV.35

SIR

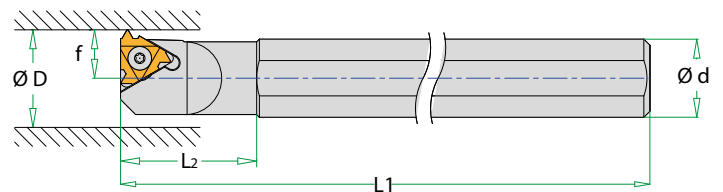
The toolholders are made with 1,5° helix angle
Die Werkzeughalter werden mit 1,5° Steigungswinkel hergestellt



Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
S10H SIR 11	10	100	25	7,4	13	11 IR..	-	-	CV.20
S12K SIR 11	12	125	28	8,2	14	11 IR..	-	-	CV.20
S16M SIR 11	16	150	32	10	18	11 IR..	-	-	CV.20
S16M SIR 16	16	150	35	11,5	19	16 IR..	-	-	CV.18
S20Q SIR 16	20	180	42	15	25	16 IR..	AL.54	CV.32	CV.34
S25R SIR 16	25	200	50	18	30	16 IR..	AL.54	CV.32	CV.34
S32S SIR 16	32	250	52	21,5	38	16 IR..	AL.54	CV.32	CV.34
S20Q SIR 22	20	180	42	15,6	25	22 IR..	-	-	CV.35
S25R SIR 22	25	200	45	18,1	30	22 IR..	AL.56	CV.33	CV.35
S32S SIR 22	32	250	52	21,6	38	22 IR..	AL.56	CV.33	CV.35
S40T SIR 22	40	300	60	25,8	46	22 IR..	AL.56	CV.33	CV.35

SIL

The toolholders are made with 1,5° helix angle
Die Werkzeughalter werden mit 1,5° Steigungswinkel hergestellt



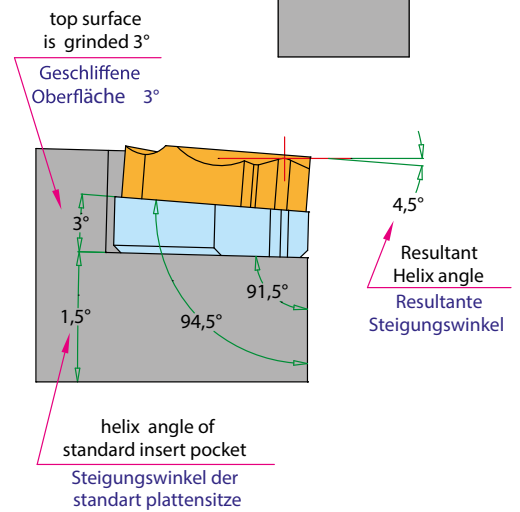
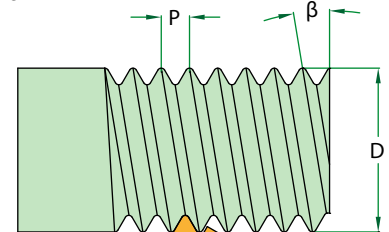
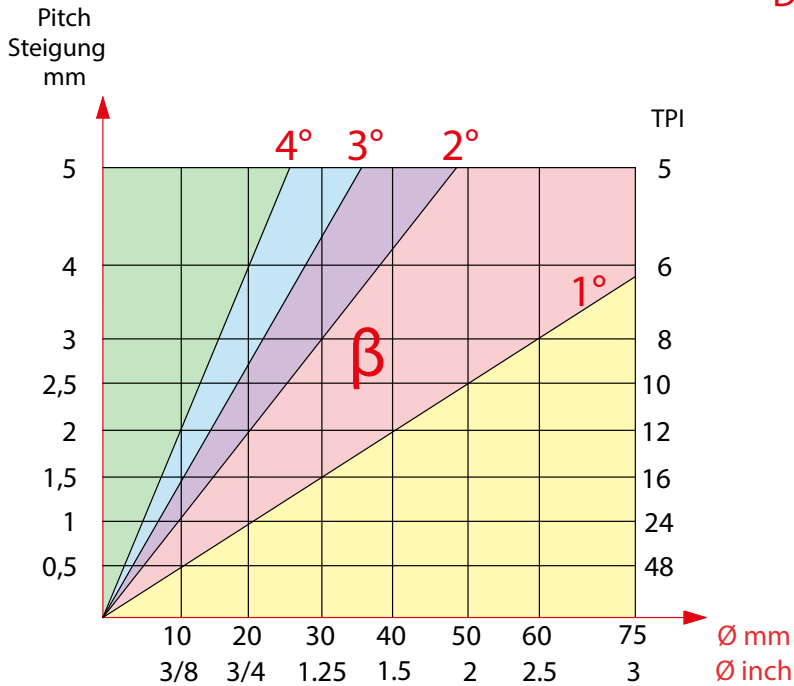
Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
S10H SIL 11	10	100	25	7,4	13	11 IL..	-	-	CV.20
S12K SIL 11	12	125	28	8,2	14	11 IL..	-	-	CV.20
S16M SIL 11	16	150	32	10	18	11 IL..	-	-	CV.20
S16M SIL 16	16	150	35	11,5	19	16 IL..	-	-	CV.18
S20Q SIL 16	20	180	42	15	25	16 IL..	AL.53	CV.32	CV.34
S25R SIL 16	25	200	50	18	30	16 IL..	AL.53	CV.32	CV.34
S32S SIL 16	32	250	52	21,5	38	16 IL..	AL.53	CV.32	CV.34
S20Q SIL 22	20	180	42	15,6	25	22 IL..	-	-	CV.35
S25R SIL 22	25	200	45	18,1	30	22 IL..	AL.55	CV.33	CV.35
S32S SIL 22	32	250	52	21,6	38	22 IL..	AL.55	CV.33	CV.35
S40T SIL 22	40	300	60	25,8	46	22 IL..	AL.55	CV.33	CV.35

Thread helix angle and anvil selection Gewinde Steigungswinkel und Unterlagen Auswahl

β : Helix angle - Steigungswinkel (°)
P : Pitch - Steigung.....(mm)
D : Diameter of thread.....(mm)
Gewinde Durchmesser.....(mm)

$$\tan \beta = \frac{1 \times P}{3,14 \times D}$$

$$\beta^\circ = \frac{20 \times P}{D}$$



AYDOSA toolholders are manufactured with 1,5° helix angle
AYDOSA Werkzeugehalter werden mit 1,5° steigungswinkel hergestellt

Standard shim
Standard Unterlage

Resultant Helix angle Resultante Steigungs Winkel		4,5°	4°	3,5°	3°	2,5°	2°	1,5°
Insert Size Wendeplatte Grö	βe	3° Angle shim Unterlage gewinkelt	2,5° Angle shim Unterlage gewinkelt	2° Angle shim Unterlage gewinkelt	1,5° Angle shim Unterlage gewinkelt	1° Angle shim Unterlage gewinkelt	0,5° Angle shim Unterlage gewinkelt	0° Angle shim Unterlage gewinkelt
IC	L							
3/8"	16	ER-IL	AL53A+3°	AL53A+2,5°	AL53A+2°	AL53A+1,5°	AL53A+1°	AL53A+0,5°
3/8"	16	EL-IR	AL54A+3°	AL54A+2,5°	AL54A+2°	AL54A+1,5°	AL54A+1°	AL54A+0,5°

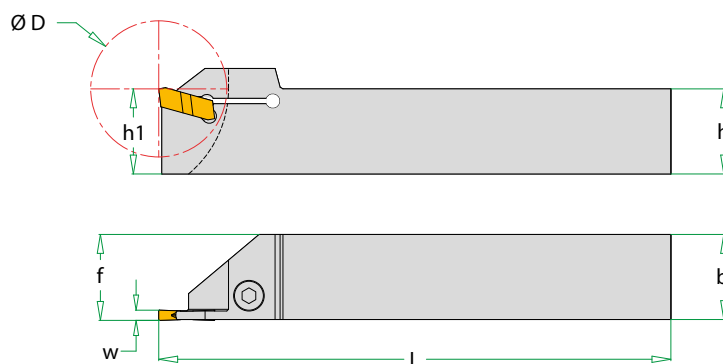
Resultant Helix angle		-	-	3,5°	3°	2,5°	2°	1,5°
Insert Size IC	Holder Type L	3° Angle shim	2,5° Angle shim	2° Angle shim	1,5° Angle shim	1° Angle shim	0,5° Angle shim	0° Standart shim
1/2"	22	ER-IL	-	-	AL55A+2°	AL55A+1,5°	AL55A+1°	AL55A+0,5°
1/2"	22	EL-IR	-	-	AL56A+2°	AL56A+1,5°	AL56A+1°	AL56A+0,5°

Aydosa

External Grooving and Parting Stechdrehwerkzeuge (Außen)

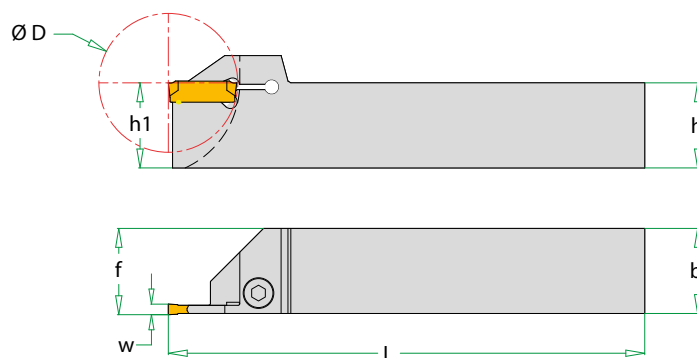


AGHGR



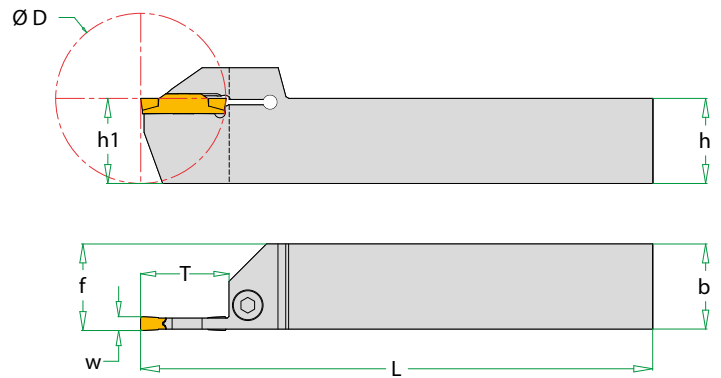
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
AGHGR 2020K 2D35	20	20	125	20	20.4	2	35	-	GIP - 2	M5x0.8-25 mm	max. 3,5 Nm
AGHGR 2525M 2D35	25	25	150	25	25.4	2	35	-	GIP - 2	M5x0.8-25 mm	max. 3,5 Nm
AGHGR 2020K 3D40	20	20	125	20	20.25	3	40	-	GIP - 3	M5x0.8-25 mm	max. 5,5 Nm
AGHGR 2525M 3D40	25	25	150	25	25.25	3	40	-	GIP - 3	M5x0.8-25 mm	max. 5,5 Nm

ADGR



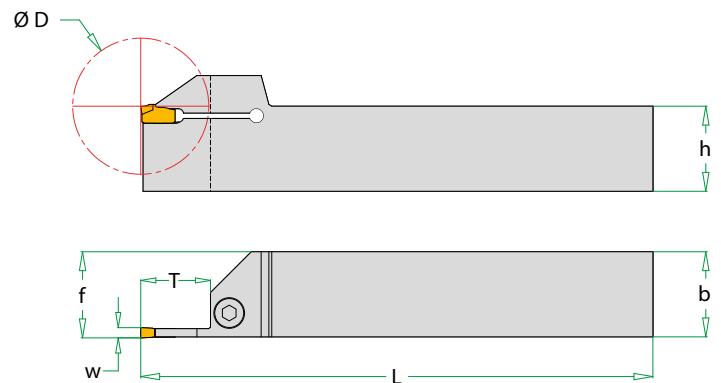
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
ADGR-L 1212 2D32	12	12	140	12	12.2	2	32	-	DGN - 2	M5x0.8-16 mm	max. 3,5 Nm
ADGR-L 1616 2D32	16	16	140	16	16.2	2	32	-	DGN - 2	M5x0.8-16 mm	max. 3,5 Nm
ADGR-L 2020 2D35	20	20	140	20	20.2	2	35	-	DGN - 2	M5x0.8-25 mm	max. 3,5 Nm
ADGR-L 2525 2D35	25	25	140	25	25.2	2	35	-	DGN - 2	M5x0.8-25 mm	max. 3,5 Nm
ADGR-L 1212 3D35	12	12	140	12	12.35	3	35	-	DGN - 3	M5x0.8-16 mm	max. 5,5 Nm
ADGR-L 1616 3D35	16	16	140	16	16.35	3	35	-	DGN - 3	M5x0.8-16 mm	max. 5,5 Nm
ADGR-L 2020 3D40	20	20	140	20	20.35	3	40	-	DGN - 3	M5x0.8-25 mm	max. 5,5 Nm
ADGR-L 2525 3D40	25	25	140	25	25.35	3	40	-	DGN - 3	M5x0.8-25 mm	max. 5,5 Nm

EGPR-S123



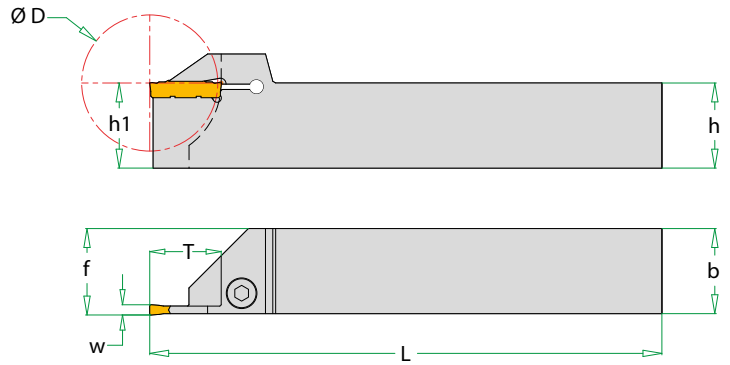
Code No	h	b	L	h1	f	w	Ø D	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 2020K 2D40- S123	20	20	125	20	20.25	2	40	20.5	S123 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D40- S123	25	25	150	25	25.25	2	40	20.5	S123 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020K 3D40- S123	20	20	125	20	20.4	3	40	20.5	S123 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40- S123	25	25	150	25	25.4	3	40	20.5	S123 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D50- S123	20	20	125	20	20.45	4	50	26	S123 - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D50- S123	25	25	150	25	25.45	4	50	26	S123 - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 5D64- S123	20	20	125	20	20.45	5	64	32.5	S123 - 5	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D64- S123	25	25	150	25	25.45	5	64	32.5	S123 - 5	M5x0.8-25 mm	max. 5,5 Nm

EGPR-S151



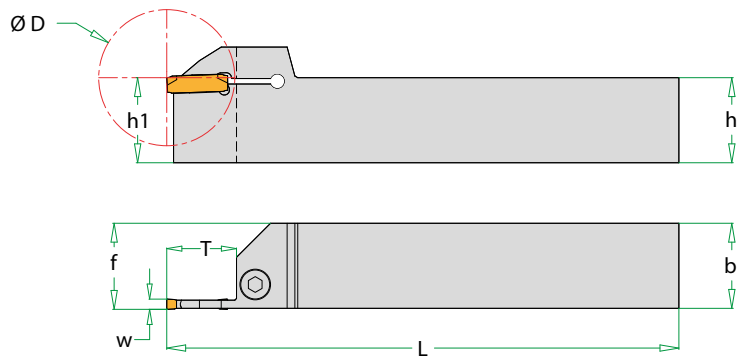
Code No	h	b	L	h1	f	w	Ø D	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1616H 3D20- S151	16	16	100	16	16.3	3	20	11.5	N151.2.300	M4x0.7-20 mm	max. 3,5 Nm
EGPR-L 2020K 3D20- S151	20	20	125	20	20.3	3	20	11.5	N151.2.300	M4x0.7-20 mm	max. 3,5 Nm
EGPR-L 2020K 3D40- S151	20	20	125	20	20.3	3	40	20.5	N151.2.300	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40- S151	25	25	150	25	25.3	3	40	20.5	N151.2.300	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D50- S151	20	20	125	20	20.3	4	50	25.5	N151.2.400	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D50- S151	25	25	150	25	25.3	4	50	25.5	N151.2.400	M5x0.8-25 mm	max. 5,5 Nm

EGPR-M



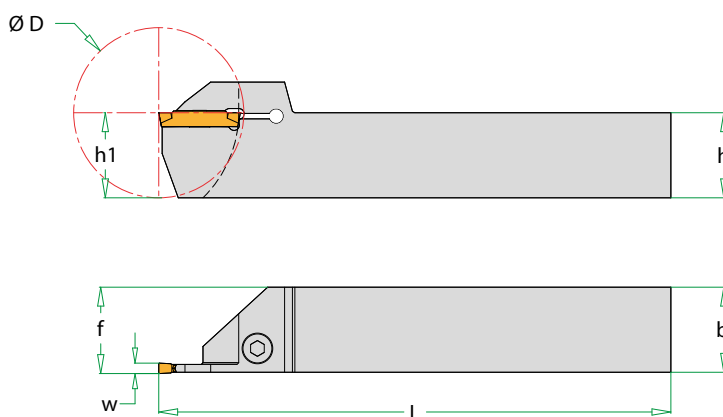
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1212K 2D35-M	12	12	125	12	12.2	2	35	-	GY - 2	M5x0.8-16 mm	max. 3,5 Nm
EGPR-L 1616K 2D35-M	16	16	125	16	16.2	2	35	-	GY - 2	M5x0.8-16 mm	max. 3,5 Nm
EGPR-L 2020K 2D35-M	20	20	125	20	20.2	2	35	-	GY - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D35-M	25	25	150	25	25.2	2	35	-	GY - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2,5D35-M	25	25	150	25	25.3	2.5	35	-	GY - 2,5	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1212K 3D40-M	12	12	125	12	12.4	3	40	-	GY - 3	M5x0.8-16 mm	max. 5,5 Nm
EGPR-L 1616K 3D40-M	16	16	125	16	16.4	3	40	-	GY - 3	M5x0.8-16 mm	max. 5,5 Nm
EGPR-L 2020K 3D40-M	20	20	125	20	20.4	3	40	-	GY - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40-M	25	25	150	25	25.4	3	40	-	GY - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D50-M	20	20	125	20	20.4	4	50	25.5	GY - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D50-M	25	25	150	25	25.4	4	50	25.5	GY - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D50-M	25	25	150	25	25.4	5	50	25.5	GY - 5	M5x0.8-25 mm	max. 5,5 Nm

EGPR-LM



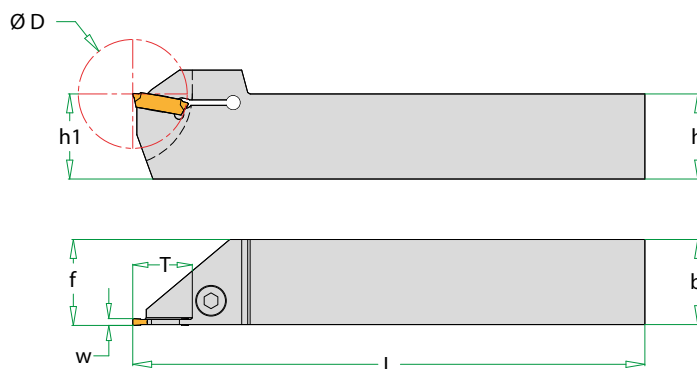
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1212K 2D40-LM	12	12	125	12	12.2	2	40	20.5	GCTX - 2	M5x0.8-20 mm	max. 3,5 Nm
EGPR-L 1616K 2D40-LM	16	16	125	16	16.2	2	40	20.5	GCTX - 2	M5x0.8-20 mm	max. 3,5 Nm
EGPR-L 2020K 2D40-LM	20	20	125	20	20.2	2	40	20.5	GCTX - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D40-LM	25	25	150	25	25.2	2	40	20.5	GCTX - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 3D40-LM	16	16	125	16	16.3	3	40	20.5	GCTX - 3	M5x0.8-20 mm	max. 5,5 Nm
EGPR-L 2020K 3D40-LM	20	20	125	20	20.3	3	40	20.5	GCTX - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40-LM	25	25	150	25	25.3	3	40	20.5	GCTX - 3	M5x0.8-25 mm	max. 5,5 Nm

EGPR-WT



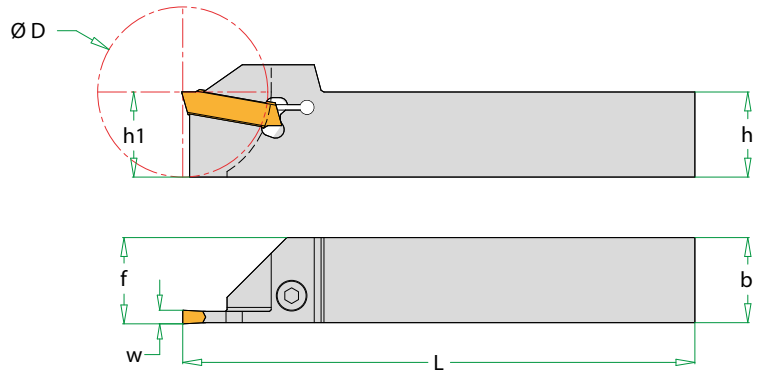
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 2020K 2D45-WT	20	20	125	20	20.4	2	45	-	GX24 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D45-WT	25	25	150	25	25.4	2	45	-	GX24 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020K 3D45-WT	20	20	125	20	20.4	3	45	-	GX24 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D45-WT	25	25	150	25	25.4	3	45	-	GX24 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D45-WT	20	20	125	20	20.4	4	45	-	GX24 - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D45-WT	25	25	150	25	25.4	4	45	-	GX24 - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 5D45-WT	20	20	125	20	20.5	5	45	-	GX24 - 5	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D45-WT	25	25	150	25	25.5	5	45	-	GX24 - 5	M5x0.8-25 mm	max. 5,5 Nm

EGPR-GX16



Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1616K 2D32-GX16	16	16	125	16	16.3	2	32	-	GX16 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020K 2D32-GX16	20	20	125	20	20.3	2	32	-	GX16 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D32-GX16	25	25	150	25	25.3	2	32	-	GX16 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 3D32-GX16	16	16	125	16	16.35	3	32	-	GX16 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 3D45-GX16	20	20	125	20	20.35	3	45	-	GX16 - 3	M5x0.8-25 mm	max. 5,5 Nm

EGPR-HS



Hrn - 229 and Dmml ZTP Series

Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1212K 2D25-HS	12	12	125	12	12.2	2	25	-	229-2 or ZTP-02	M5x0.8-16 mm	max. 3,5 Nm
EGPR-L 1616K 2D25-HS	16	16	125	16	16.2	2	25	-	229-2 or ZTP-02	M5x0.8-16 mm	max. 3,5 Nm
EGPR-L 2020M 2D25-HS	20	20	150	20	20.2	2	25	-	229-2 or ZTP-02	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020M 2D50-HS	20	20	150	20	20.2	2	50	-	229-2 or ZTP-02	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D25-HS	25	25	150	25	25.2	2	25	-	229-2 or ZTP-02	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D50-HS	25	25	150	25	25.2	2	50	-	229-2 or ZTP-02	M5x0.8-25 mm	max. 3,5 Nm

EGPR-L 1212K 3D25-HS	12	12	125	12	12.2	3	25	-	229-3 or ZTP-03	M5x0.8-16 mm	max. 5,5 Nm
EGPR-L 1616K 3D25-HS	16	16	125	16	16.2	3	25	-	229-3 or ZTP-03	M5x0.8-16 mm	max. 5,5 Nm
EGPR-L 2020M 3D25-HS	20	20	150	20	20.2	3	25	-	229-3 or ZTP-03	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020M 3D50-HS	20	20	150	20	20.2	3	50	-	229-3 or ZTP-03	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D25-HS	25	25	150	25	25.2	3	25	-	229-3 or ZTP-03	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D50-HS	25	25	150	25	25.2	3	50	-	229-3 or ZTP-03	M5x0.8-25 mm	max. 5,5 Nm

EGPR-L 2020M 4D25-HS	20	20	150	20	20.2	4	25	-	229-4 or ZTP-04	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020M 4D50-HS	20	20	150	20	20.2	4	50	-	229-4 or ZTP-04	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D25-HS	25	25	150	25	25.2	4	25	-	229-4 or ZTP-04	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D50-HS	25	25	150	25	25.2	4	50	-	229-4 or ZTP-04	M5x0.8-25 mm	max. 5,5 Nm

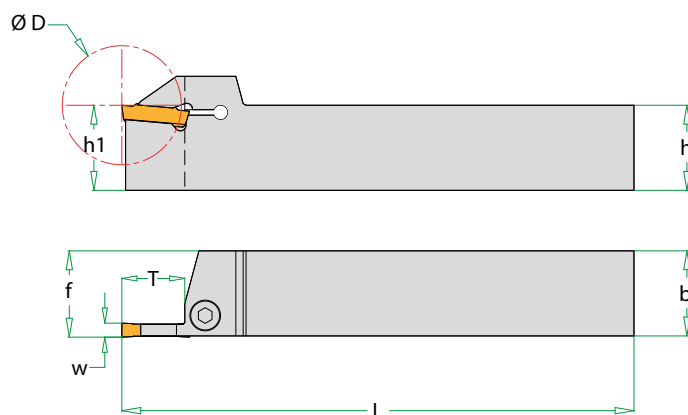
EGPR-L 2020M 5D25-HS	20	20	150	20	20.2	5	25	-	229-5 or ZTP-05	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020M 5D50-HS	20	20	150	20	20.2	5	50	-	229-5 or ZTP-05	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D25-HS	25	25	150	25	25.2	5	25	-	229-5 or ZTP-05	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D50-HS	25	25	150	25	25.2	5	50	-	229-5 or ZTP-05	M5x0.8-25 mm	max. 5,5 Nm

EGPR-L 2020M 6D25-HS	20	20	150	20	20.2	6	25	-	229-6 or ZTP-06	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020M 6D50-HS	20	20	150	20	20.2	6	50	-	229-6 or ZTP-06	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 6D25-HS	25	25	150	25	25.2	6	25	-	229-6 or ZTP-06	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 6D50-HS	25	25	150	25	25.2	6	50	-	229-6 or ZTP-06	M5x0.8-25 mm	max. 5,5 Nm

Hrn - 224 Series

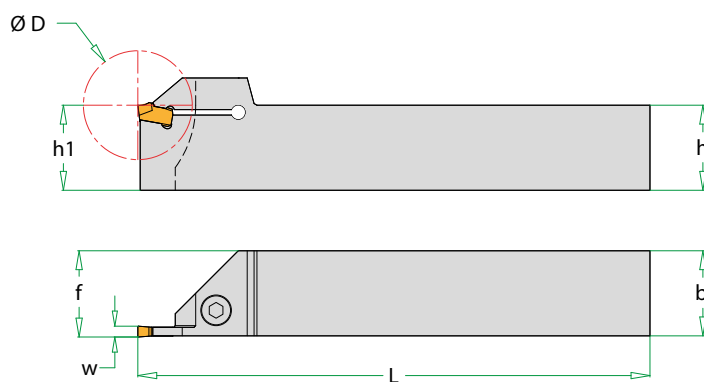
EGPR-L 2020K 3D40-224	20	20	125	20	20.4	3	40	-	224 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40-224	25	25	150	25	25.4	3	40	-	224 - 3	M5x0.8-25 mm	max. 5,5 Nm

EGPR-X3



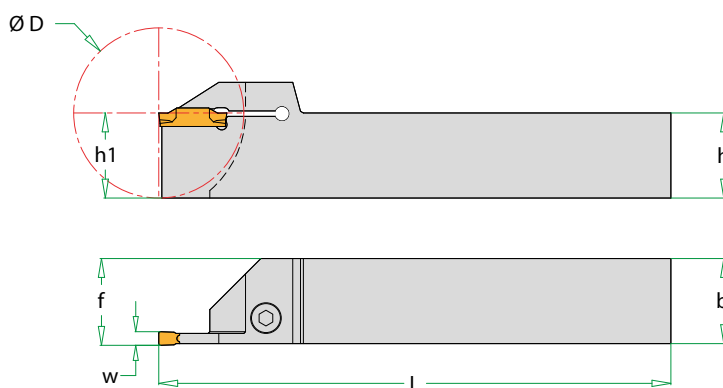
Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1616K 2D35-X3	16	16	125	16	16.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020K 2D35-X3	20	20	125	20	20.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D35-X3	25	25	150	25	25.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 3D35-X3	16	16	125	16	16.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 3D35-X3	20	20	125	20	20.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D35-X3	25	25	150	25	25.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D35-X3	20	20	125	20	20.35	4	35	18.5	A4 - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D35-X3	25	25	150	25	25.35	4	35	18.5	A4 - 4	M5x0.8-25 mm	max. 5,5 Nm

EGPR-KN2



Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 2020K 3D32-KN2	20	20	125	20	20.3	3	32	-	A2 - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D32-KN2	25	25	150	25	25.3	3	32	-	A2 - 3	M5x0.8-25 mm	max. 5,5 Nm

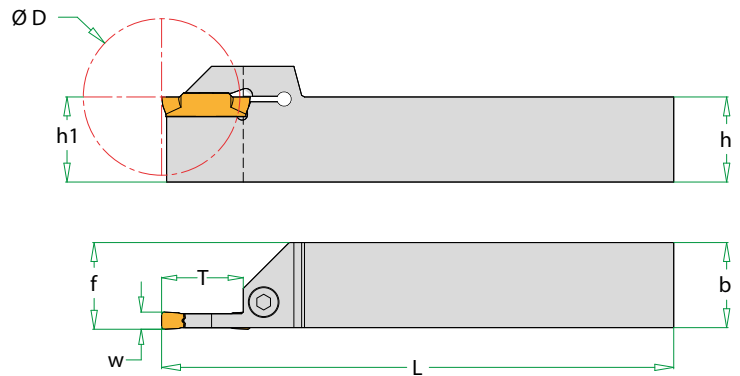
EGPR-T3



Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1616K 2D35-T3S	16	16	125	16	16.2	2	24	-	TDT - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 2D35-T3S	16	16	125	16	16.2	2	32	-	TDT - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 2D35-T3	16	16	125	16	16.2	2	35	-	TDT - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2020K 2D35-T3	20	20	125	20	20.2	2	35	-	TDT - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 2525M 2D35-T3	25	25	150	25	25.2	2	35	-	TDT - 2	M5x0.8-25 mm	max. 3,5 Nm
EGPR-L 1616K 3D40-T3	16	16	125	16	16.35	3	40	-	TDT - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 3D40-T3	20	20	125	20	20.35	3	40	-	TDT - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40-T3	25	25	150	25	25.35	3	40	-	TDT - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D50-T3	20	20	125	20	20.5	4	50	-	TDT - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D50-T3	25	25	150	25	25.5	4	50	-	TDT - 4	M5x0.8-25 mm	max. 5,5 Nm

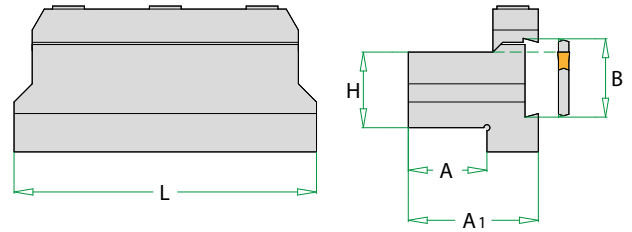


EGPR-KR

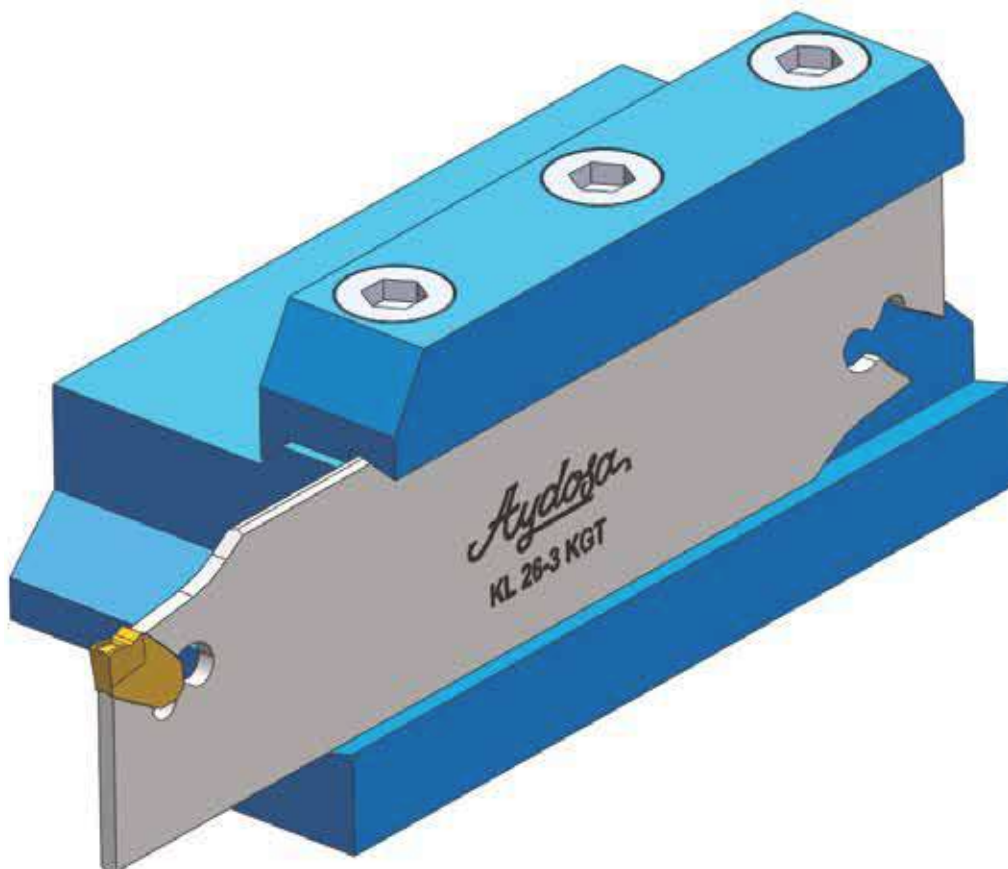


Code No	h	b	L	h1	f	w	ØD	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EGPR-L 1010K 2D20-KR	10	10	125	10	10.2	2	20	-	MGMN - 2	M4x0.7-15 mm	max. 3,5 Nm
EGPR-L 1212K 2D25-KR	12	12	125	12	12.2	2	25	-	MGMN - 2	M4x0.7-15 mm	max. 3,5 Nm
EGPR-L 1616K 2D30-KR	16	16	125	16	16.2	2	30	15.5	MGMN - 2	M5x0.8-15 mm	max. 5,5 Nm
EGPR-L 2020K 2D30-KR	20	20	125	20	20.2	2	30	15.5	MGMN - 2	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 2D30-KR	25	25	150	25	25.2	2	30	15.5	MGMN - 2	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 1616K 3D40-KR	16	16	125	16	16.3	3	40	20.5	MGMN - 3	M5x0.8-15 mm	max. 5,5 Nm
EGPR-L 2020K 3D40-KR	20	20	125	20	20.3	3	40	20.5	MGMN - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 3D40-KR	25	25	150	25	25.3	3	40	20.5	MGMN - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 3232P 3D40-KR	32	32	170	32	32.3	3	40	20.5	MGMN - 3	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 4D40-KR	20	20	125	20	20.35	4	40	20.5	MGMN - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 4D40-KR	25	25	150	25	25.35	4	40	20.5	MGMN - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 3232P 4D40-KR	32	32	170	32	32.35	4	40	20.5	MGMN - 4	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2020K 5D45-KR	20	20	125	20	20.4	5	47	24	MGMN - 5	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 2525M 5D45-KR	25	25	150	25	25.4	5	47	24	MGMN - 5	M5x0.8-25 mm	max. 5,5 Nm
EGPR-L 3232P 5D45-KR	32	32	170	32	32.4	5	47	24	MGMN - 5	M5x0.8-25 mm	max. 5,5 Nm

Tool Blocks
Spannblock



Code No	H	A	B	L	A1
PKLG 1616 -19	16	16	19	74	28
PKLG 2020 - 26	20	20	26	86	38
PKLG 2525 - 26	25	25	26	100	43
PKLG 2020 - 32	20	20	32	110	40
PKLG 2525 - 32	25	25	32	110	45

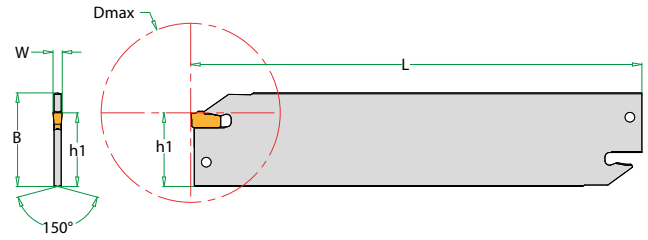


Aydosa

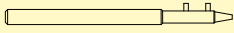
Parting Tools Abstechwerkzeuge



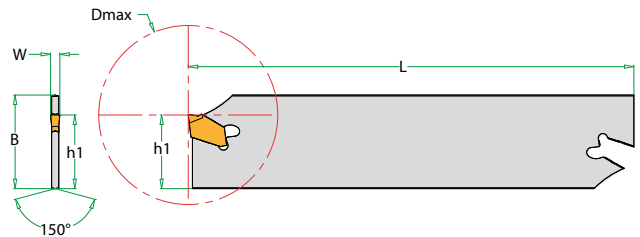
KL - S151



Code No	W	L	B	h1	ØD	Inserts Platten
KL 323 - S151	3	150	32	25	100	N151.2-300
KL 324 - S151	4	150	32	25	120	N151.2-400
KL 325 - S151	5	150	32	25	120	N151.2-500

Extractor - Montageschlüssel

LA-1(3mm)
LA-1(4mm)
LA-1(4mm)

KL - LFMX

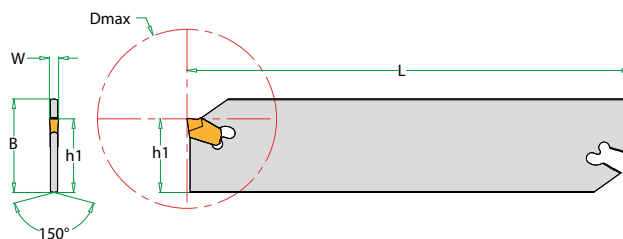


Code No	W	L	B	h1	ØD	Inserts Platten
KL 262 - LFMX	2	110	26	21.5	50	LFMX-22
KL 263 - LFMX	3	110	26	21.5	75	LFMX-31
KL 264 - LFMX	4	110	26	21.5	80	LFMX-41
KL 322 - LFMX	2	150	32	25	50	LFMX-22
KL 323 - LFMX	3	150	32	25	100	LFMX-31
KL 324 - LFMX	4	150	32	25	120	LFMX-41

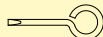
Extractor - Montageschlüssel

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

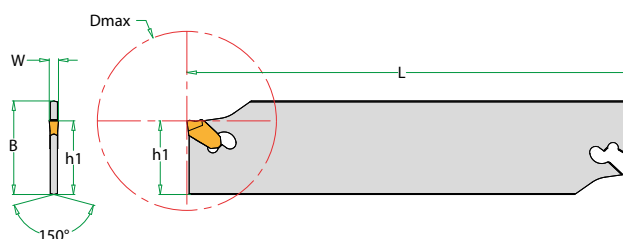
KL - GTN



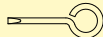
Code No	W	L	B	h1	ØD	Inserts Platten
KL 262 - GTN	2	110	26	21.5	50	GTN-2
KL 263 - GTN	3	110	26	21.5	75	GTN-3
KL 264 - GTN	4	110	26	21.5	80	GTN-4
KL 265 - GTN	5	110	26	21.5	80	GTN-5
KL 322 - GTN	2	150	32	25	50	GTN-2
KL 323 - GTN	3	150	32	25	100	GTN-3
KL 324 - GTN	4	150	32	25	120	GTN-4
KL 325 - GTN	5	150	32	25	120	GTN-5

Extractor - Montageschlüssel

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

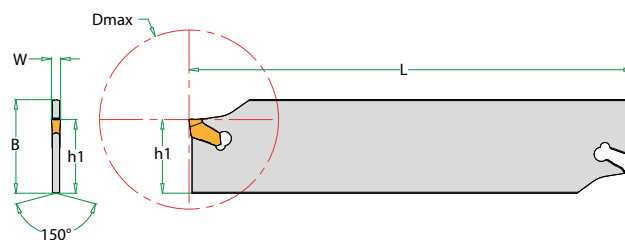
KL - KGT



Code No	W	L	B	h1	ØD	Inserts Platten
KL 192 - KGT	2	86	19	15.5	40	KGT-2
KL 193 - KGT	3	86	19	15.5	40	KGT-3
KL 262 - KGT	2	110	26	21.5	50	KGT-2
KL 263 - KGT	3	110	26	21.5	75	KGT-3
KL 264 - KGT	4	110	26	21.5	80	KGT-4
KL 265 - KGT	5	110	26	21.5	80	KGT-5
KL 322 - KGT	2	150	32	25	50	KGT-2
KL 323 - KGT	3	150	32	25	100	KGT-3
KL 324 - KGT	4	150	32	25	120	KGT-4
KL 325 - KGT	5	150	32	25	120	KGT-5

Extractor - Montageschlüssel

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

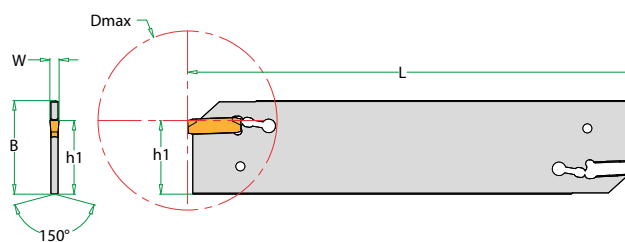
KL - PR



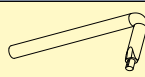
Code No	W	L	B	h1	ØD	Inserts Platten
KL 192 - PR	2	86	19	15.5	40	PRMT LFMX-2.1
KL 193 - PR	3	86	19	15.5	40	PRMT LFMX-3.1
KL 262 - PR	2	110	26	21.5	50	PRMT LFMX-2.1
KL 263 - PR	3	110	26	21.5	75	PRMT LFMX-3.1
KL 264 - PR	4	110	26	21.5	80	PRMT LFMX-4.1
KL 322 - PR	2	150	32	25	50	PRMT LFMX-2.1
KL 323 - PR	3	150	32	25	100	PRMT LFMX-3.1
KL 324 - PR	4	150	32	25	120	PRMT LFMX-4.1

Extractor - Montageschlüssel		
		
LA-4		
LA-4		
LA-4		
LA-4		
LA-4		
LA-4		
LA-4		

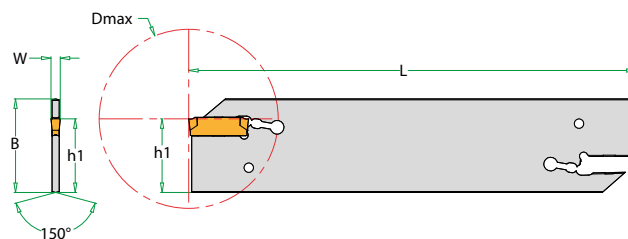
KL - LM



Code No	W	L	B	h1	ØD	Inserts Platten
KL 322LM - K5	2	150	32	25	50	GCTX-2
KL 323LM - K5	3	150	32	25	100	GCTX-3

Extractor - Montageschlüssel		
 		
LA-5	or	LA-10
LA-5	or	LA-10

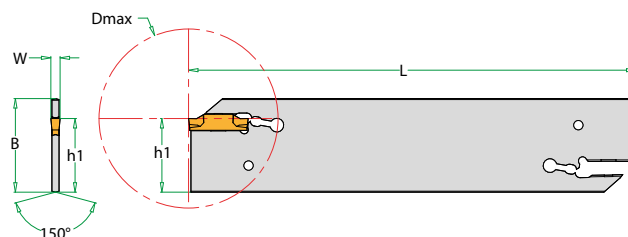
KL - DG



Code No	W	L	B	h1	ØD	Inserts Platten
KL 262DG - K5	2	110	26	21.5	40	DGN - 2
KL 263DG - K5	3	110	26	21.5	50	DGN - 3
KL 322DG - K5	2	150	32	25	50	DGN - 2
KL 323DG - K5	3	150	32	25	100	DGN - 3

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

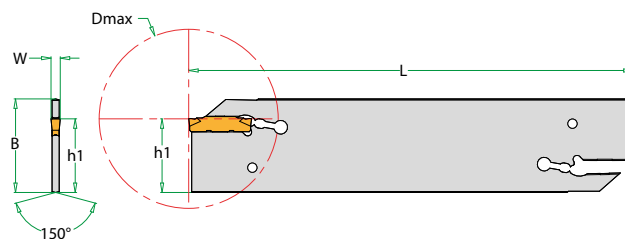
KL - T3



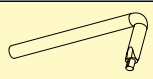
Code No	W	L	B	h1	ØD	Inserts
KL 262T3 - K5	2	110	26	21,5	40	TDT - 2
KL 263T3 - K5	3	110	26	21,5	50	TDT - 3
KL 322T3 - K5	2	150	32	25	50	TDT - 2
KL 323T3 - K5	3	150	32	25	100	TDT - 3
KL 324T3 - K5	4	150	32	25	120	TDT - 4

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

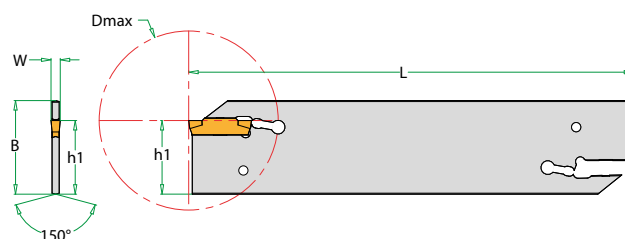
KL - M



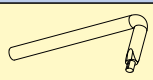
Code No	W	L	B	h1	ØD	Inserts
KL 262M - K5	2	110	26	21,5	40	GY.. - 2
KL 263M - K5	3	110	26	21,5	50	GY.. - 3
KL 322M - K5	2	150	32	25	50	GY.. - 2
KL 323M - K5	3	150	32	25	100	GY.. - 3
KL 324M - K5	4	150	32	25	120	GY.. - 4

Extractor - Montageschlüssel		
		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

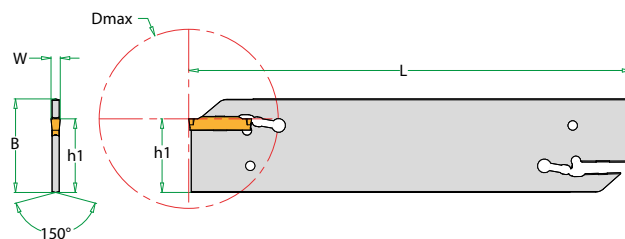
KL - KR



Code No	W	L	B	h1	ØD	Inserts
KL 2615KR - K5	1,5	110	26	21,5	32	MGMN - 1,5
KL 262KR - K5	2	110	26	21,5	40	MGMN - 2
KL 263KR - K5	3	110	26	21,5	50	MGMN - 3
KL 322KR - K5	2	150	32	25	50	MGMN - 2
KL 323KR - K5	3	150	32	25	100	MGMN - 3
KL 324KR - K5	4	150	32	25	120	MGMN - 4

Extractor - Montageschlüssel		
		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

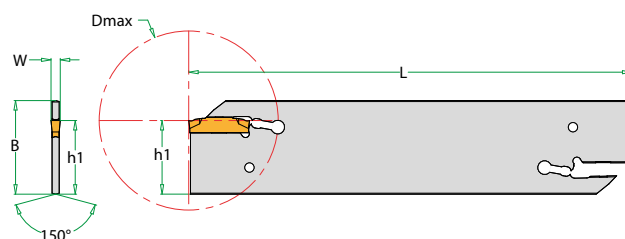
KL - SGC



Code No	W	L	B	h1	ØD	Inserts
KL 262SGC - K5	2	110	26	21,5	40	GCMN - 2
KL 263SGC - K5	3	110	26	21,5	50	GCMN - 3
KL 322SGC - K5	2	150	32	25	50	GCMN - 2
KL 323SGC - K5	3	150	32	25	100	GCMN - 3
KL 324SGC - K5	4	150	32	25	120	GCMN - 4

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

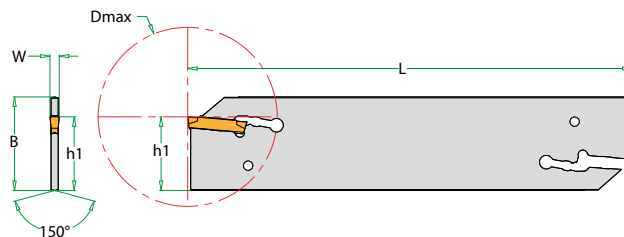
KL - PGP



Code No	W	L	B	h1	ØD	Inserts Platten
KL 262PGP - K5	2	110	26	21,5	40	PLBT - GP0200
KL 263PGP - K5	3	110	26	21,5	50	PLBT - GP0300
KL 322PGP - K5	2	150	32	25	50	PLBT - GP0200
KL 323PGP - K5	3	150	32	25	100	PLBT - GP0300

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

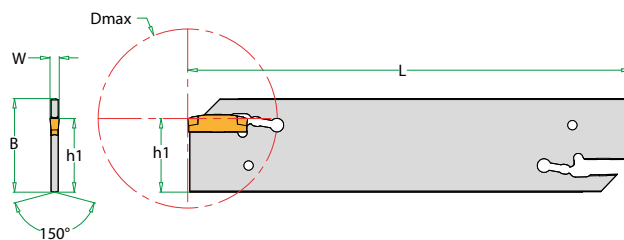
KL - A4



Code No	W	L	B	h1	ØD	Inserts
KL 2615A4 - K5	1,5	110	26	21,5	32	A4 - 1,5
KL 262A4 - K5	2	110	26	21,5	40	A4 - 2
KL 263A4 - K5	3	110	26	21,5	50	A4 - 3
KL 322A4 - K5	2	150	32	25	50	A4 - 2
KL 323A4 - K5	3	150	32	25	100	A4 - 3
KL 324A4 - K5	4	150	32	25	120	A4 - 4

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

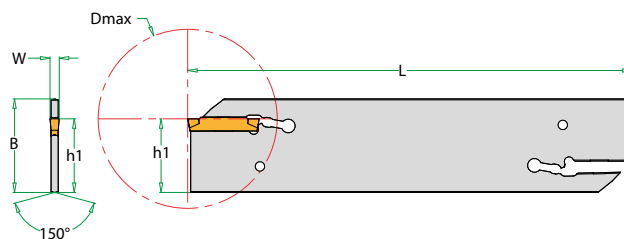
KL - S123



Code No	W	L	B	h1	ØD	Inserts Platten
KL 262S123 - K5	2	110	26	21,5	40	S123 - 2
KL 263S123 - K5	3	110	26	21,5	50	S123 - 3
KL 322S123 - K5	2	150	32	25	50	S123 - 2
KL 323S123 - K5	3	150	32	25	100	S123 - 3

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

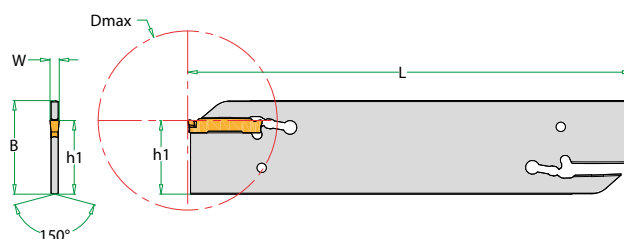
KL - GX24



Code No	W	L	B	h1	ØD	Inserts
KL 262GX24 - K5	2	110	26	21,5	40	GX24 - 2
KL 263GX24 - K5	3	110	26	21,5	50	GX24 - 3
KL 322GX24 - K5	2	150	32	25	50	GX24 - 2
KL 323GX24 - K5	3	150	32	25	100	GX24 - 3
KL 324GX24 - K5	4	150	32	25	120	GX24 - 4

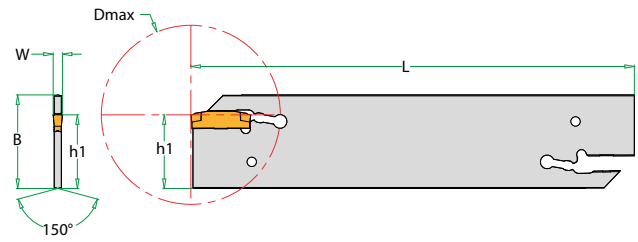
Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

KL - PRGL



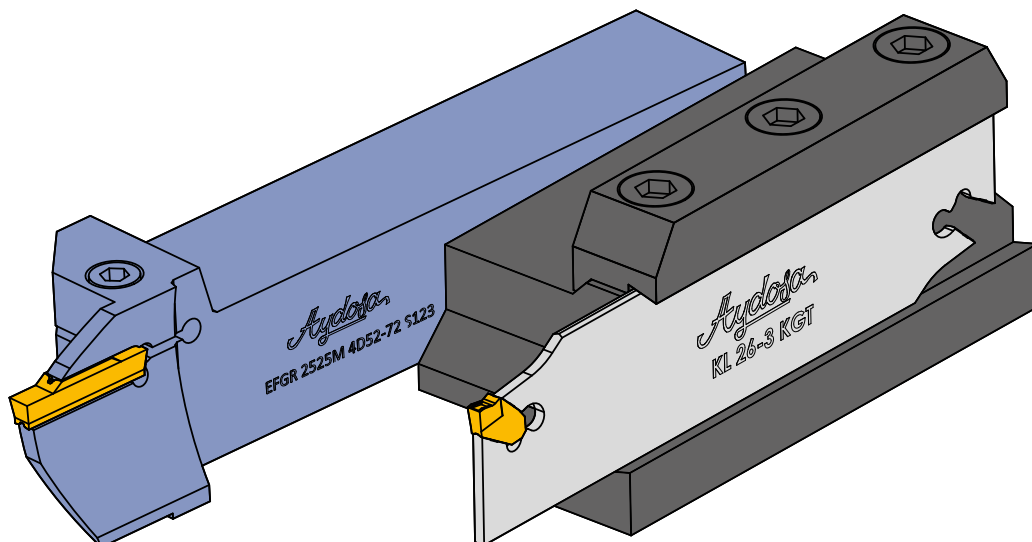
Code No	W	L	B	h1	ØD	Inserts
KL 262PRGL - K5	2	110	26	21,5	40	PRMT - GL2
KL 263PRGL - K5	3	110	26	21,5	50	PRMT - GL3
KL 322PRGL - K5	2	150	32	25	50	PRMT - GL2
KL 323PRGL - K5	3	150	32	25	100	PRMT - GL3
KL 324PRGL - K5	4	150	32	25	120	PRMT - GL4

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10



Code No	W	L	B	h1	ØD	Inserts Platten
KL 262GS - K5	2	110	26	21.5	40	GZD-2
KL 263GS - K5	3	110	26	21.5	50	GZD-3
KL 322GS - K5	2	150	32	25	50	GZD-2
KL 323GS - K5	3	150	32	25	100	GZD-3

Extractor - Montageschlüssel		
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10
LA-5	or	LA-10

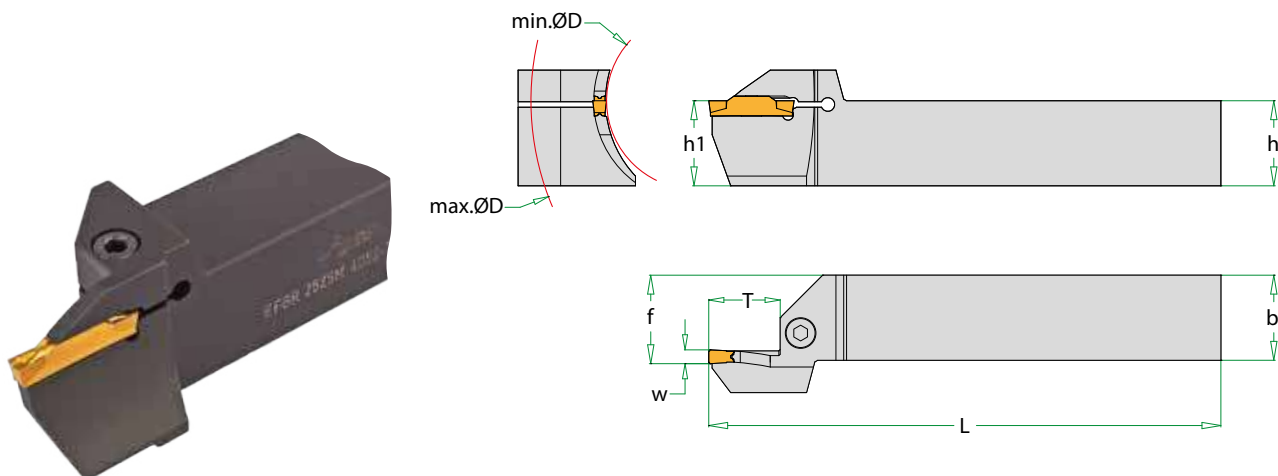


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External Face Grooving Axial Stechdrehwerkzeuge (Außen)

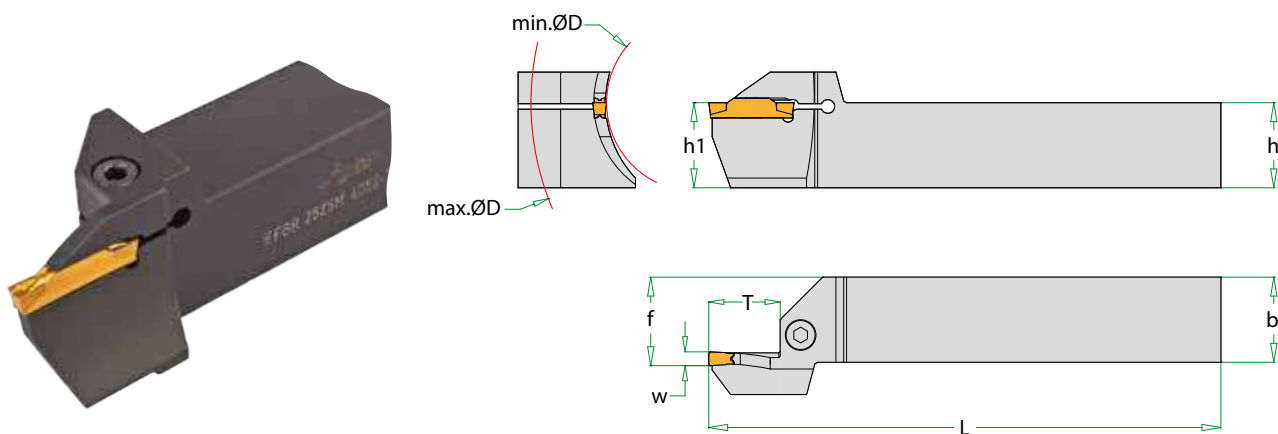


EFGR-S123



Code No	h	b	L	h1	f	w	min Ø D	max Ø D	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EFGR 2525M 4D52-72 S123	25	25	150	25	26	4	52	72	20	S123.4	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D64-100 S123	25	25	150	25	26	4	64	100	25	S123.4	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D92-140 S123	25	25	150	25	26	4	92	140	25	S123.4	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D132-230 S123	25	25	150	25	26	4	132	230	25	S123.4	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D220-500 S123	25	25	150	25	26	4	220	500	25	S123.4	M5x0.8-25 mm	max. 5,5 Nm

EFGR-WT



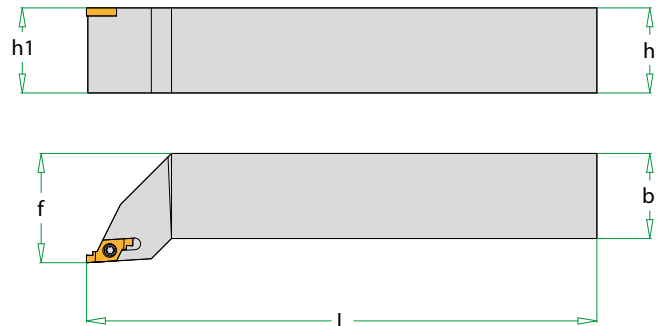
Code No	h	b	L	h1	f	w	min Ø D	max Ø D	T	Inserts Platten	Screw Schraube	Tightening Torque Anzugsmoment
EFGR 2525M 4D40-60.WT	25	25	150	25	26	4	40	60	22	GX24	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D52-72.WT	25	25	150	25	26	4	52	72	25	GX24	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D64-100.WT	25	25	150	25	26	4	64	100	25	GX24	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D92-140.WT	25	25	150	25	26	4	92	140	25	GX24	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D132-230.WT	25	25	150	25	26	4	132	230	25	GX24	M5x0.8-25 mm	max. 5,5 Nm
EFGR 2525M 4D220-500.WT	25	25	150	25	26	4	220	500	25	GX24	M5x0.8-25 mm	max. 5,5 Nm

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Circlips Grooving Stechdrehen für Sicherungsringe



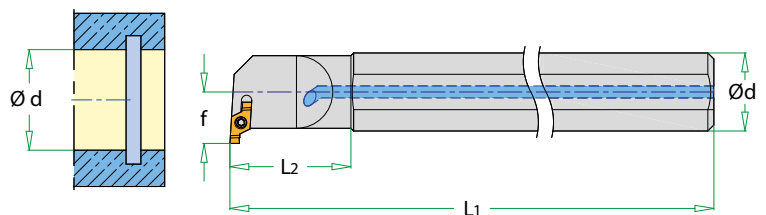
P61-SFR



NEW-NEU
NEW-NEU
NEW-NEU

Code No	h	b	L	h1	f	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
P61.SFR-L 1616H 06	16	16	100	16	20	X61.0602.080-315R/L			CV.20
P61.SFR-L 2020K 06	20	20	125	20	25	X61.0602.080-315R/L	-	-	CV.20
P61.SFR-L 2525M 06	25	25	150	25	32	X61.0602.080-315R/L	-	-	CV.20

P61-SGR



NEW-NEU
NEW-NEU
NEW-NEU

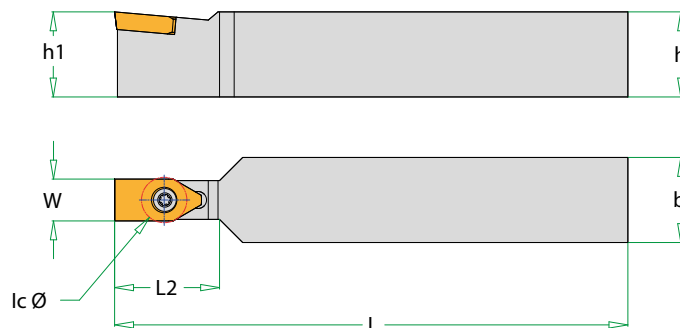
Code No	d	L1	L2	f	D	Inserts Platten	Shim Unterlage	Shim Screw Unterlage Schraube	Screw Schraube
P61.SGR-L A0016M 06	16	150	30	11	20	X61.0602.080-315R/L			CV.20
P61.SGR-L A0020P 06	20	170	35	13	25	X61.0602.080-315R/L	-	-	CV.20
P61.SGR-L A0025R 06	25	200	40	17	32	X61.0602.080-315R/L	-	-	CV.20

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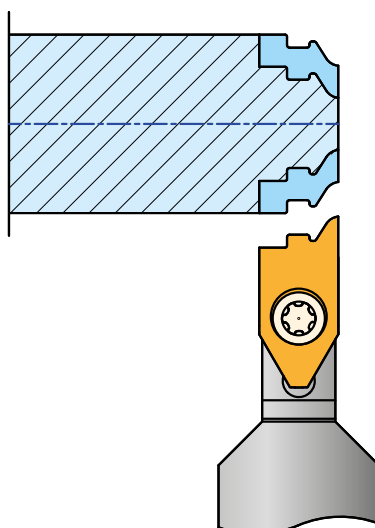
Form Tools - Formwerkzeuge



SFEN



	Code No	h	b	L	L2	h1	W	Inserts lc Ø Platten lc Ø	Inserts thickness Platten dicke	Screw Schraube
										
NEW-NEU	SFEN 1212K 12	12	12	125	30	12	12	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 1616K 12	16	16	125	30	16	12	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2020M 12	20	20	150	30	20	12	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2525M 12	25	25	150	30	25	12	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 1616K 16	16	16	125	30	16	16	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2020M 16	20	20	150	30	20	16	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2525M 16	25	25	150	30	25	16	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2020M 20	20	20	150	30	20	20	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2525M 20	25	25	150	30	25	20	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2525M 25	25	25	150	30	25	25	W=13,4	S=5,1mm	CV.17
NEW-NEU	SFEN 2525M 30	25	25	150	30	25	30	W=13,4	S=5,1mm	CV.17



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NOTES - NOTIZEN:

[illegible]

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NOTES - NOTIZEN:

[illegible]

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NOTES - NOTIZEN:

[illegible]

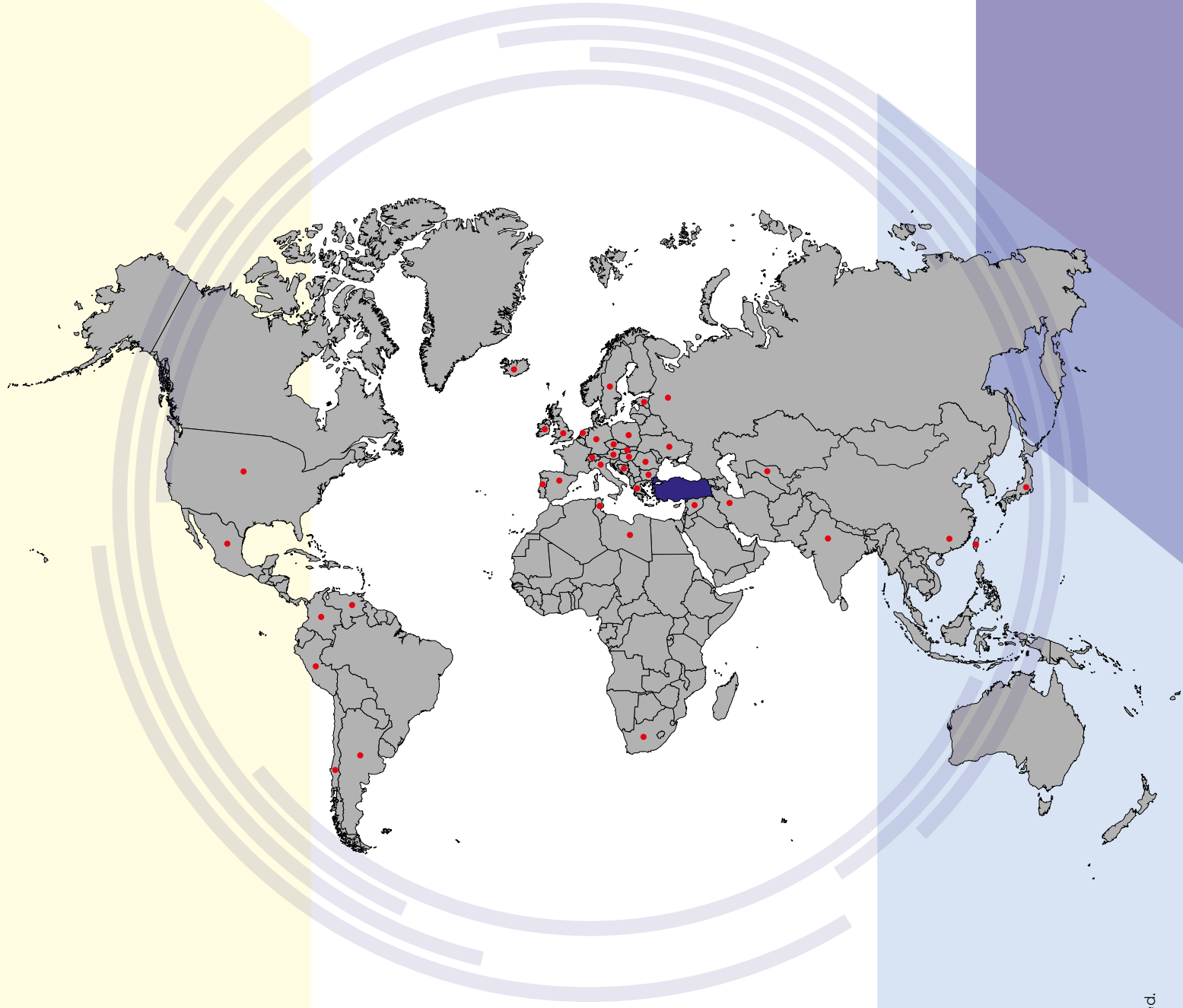
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NOTES - NOTIZEN:

[illegible]

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