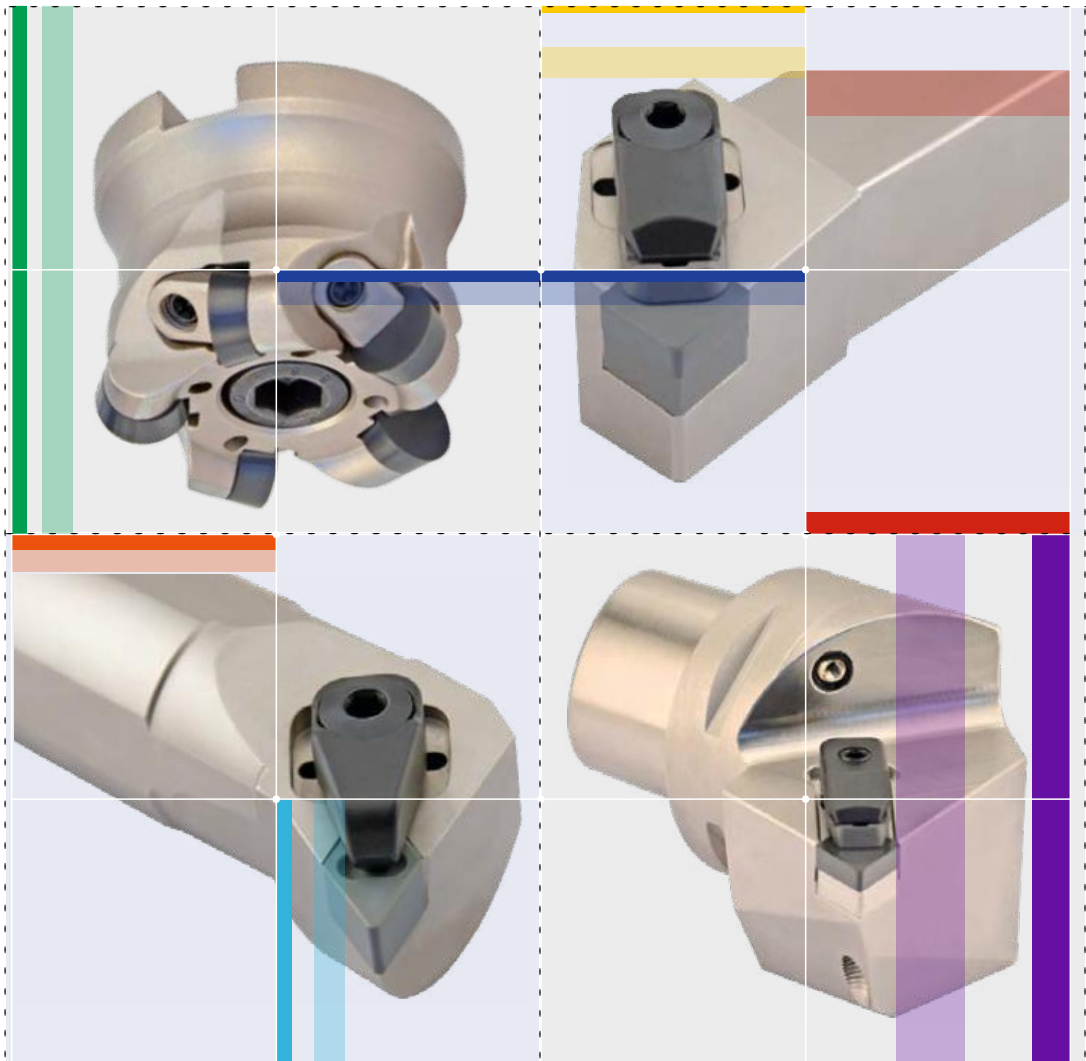


NTK CUTTING TOOLS

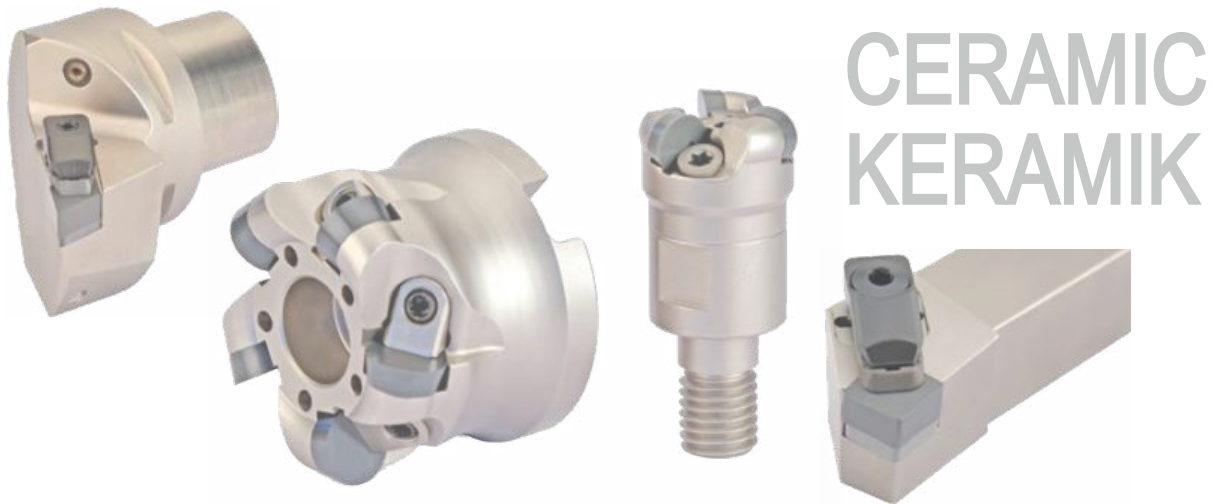
Ceramic Tool Holder Keramikhalter



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www.ntk-cuttingtools.com





CERAMIC KERAMIK

Applications index **D02-03**
Anwendungen

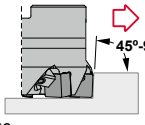
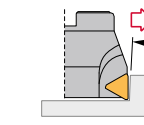
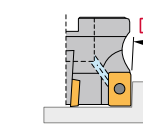
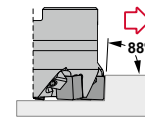

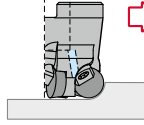

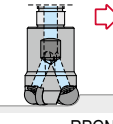

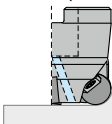
Ceramic milling cutters **D04-D10**
Fräser für Keramik-Wendeschnidplatten

Toolholders **D11-28**
Klemmhalter

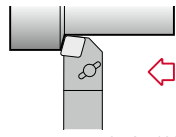
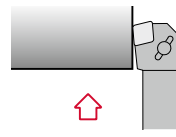
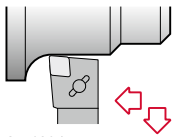
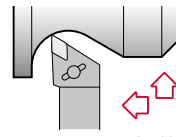
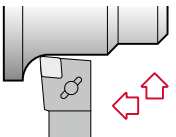
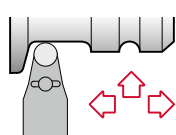
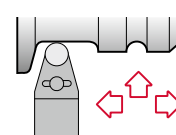
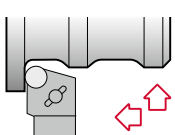
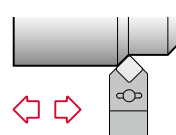
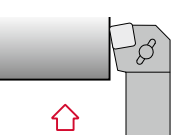
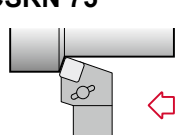
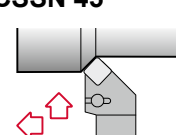
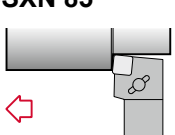
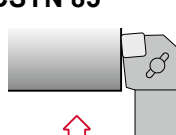
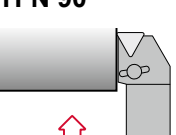
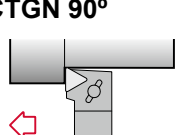
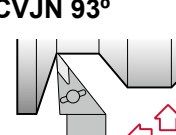
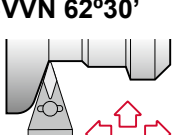
Boring bars **D29-35**
Bohrstangen

Top clamp ceramic PSC **D36-48**
PSC Keramikhalter mit Flachklemmung

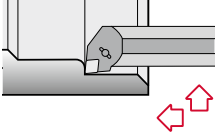
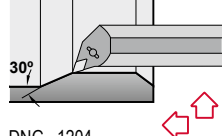
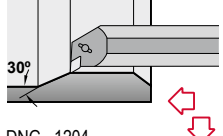
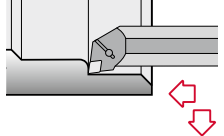
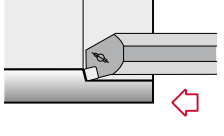
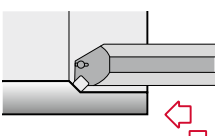
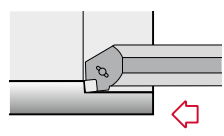
Ceramic milling cutters Fräser für Keramik-Wendeschnidplatten

<p>NEW*</p> <p>FDX 45°-90° Square and facing 45°-90° Eck- und Planfräser 45°-90°</p>  <p>Page Seite D04 SN.. 1204..</p>	<p>NEW*</p> <p>TDX 90° Square and facing Eck- und Planfräser 90°</p>  <p>Page Seite D05 TN.. 1604..</p>	<p>QTS /-QTE 90° Square and facing 90° Eck- und Planfräser 90°</p>  <p>Page Seite D06 APCW 1604..</p>	<p>XTM 88° Facing 88° Planfräser 88°</p>  <p>Page Seite D07 LNX 324..</p>	<p>RPIW  Facing and copying Plan- und Kopierfräser</p>  <p>Page Seite D08 RPGN 1204..</p>
<p>NEW*</p> <p>RPIW  Facing and copying Plan- und Kopierfräser</p>  <p>Page Seite D09 RPN 1204..</p>	<p>NEW*</p> <p>RNIW  Facing and copying Plan- und Kopierfräser</p>  <p>Page Seite D10 RPN 1207..</p>			

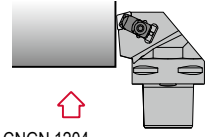
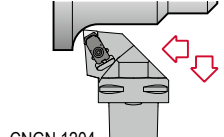
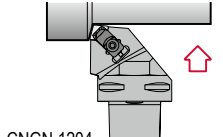
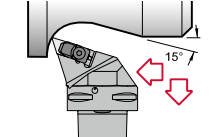
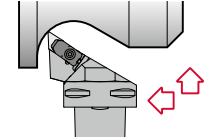
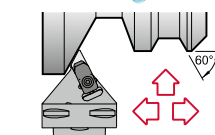
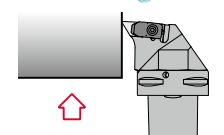
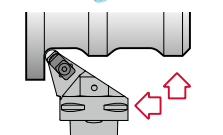
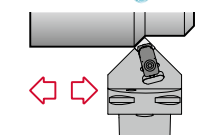
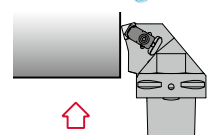
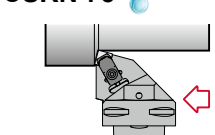
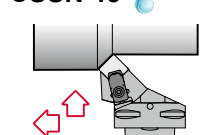
Tool holders Klemmhalter

<p>CCBN 75°</p>  <p>Page Seite D11 CNG.. 1204.. CNG.. 1207.. CNG.. 1607..</p>	<p>CKKN 75°</p>  <p>Page Seite D12 CNG.. 1204.. CNG.. 1207..</p>	<p>CCLN 95°</p>  <p>Page Seite D13 CNG.. 1204.. CNG.. 1207.. CNG.. 1607..</p>	<p>CDJN 93°</p>  <p>Page Seite D14 DNG.. 1204.. DNG.. 1207.. DNG.. 1507..</p>	<p>CELN 97°30'</p>  <p>Page Seite D15 ENGN 1307..</p>
<p>CRDC</p>  <p>Page Seite D16 RCGX 0607.. RCGX 2512..</p>	<p>CRDN</p>  <p>Page Seite D17 RNGN 1204.. RNGN 2507..</p>	<p>CRSN</p>  <p>Page Seite D18 RNGN 1204.. RNGN 1207..</p>	<p>CSDN 45°</p>  <p>Page Seite D19 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>	<p>CSKN 75°</p>  <p>Page Seite D20 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>
<p>CSRN 75°</p>  <p>Page Seite D21 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>	<p>CSSN 45°</p>  <p>Page Seite D22 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>	<p>CSXN 85°</p>  <p>Page Seite D23 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>	<p>CSYN 85°</p>  <p>Page Seite D24 SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p>	<p>CTFN 90°</p>  <p>Page Seite D25 TNGN 1604.. TNGN 1607..</p>
<p>CTGN 90°</p>  <p>Page Seite D26 TNGN 1604.. TNGN 1607..</p>	<p>CVJN 93°</p>  <p>Page Seite D27 VNG.. 1604.. VNG.. 1607..</p>	<p>CVVN 62°30'</p>  <p>Page Seite D28 VNG.. 1604.. VNG.. 1607..</p>		

Boring bars Bohrstangen

<p>CCLN 95°</p>  <p>Page Seite D29 CNG.. 1204.. CNG.. 1207..</p>	<p>CDQN 107°30'</p>  <p>DNG.. 1204.. DNG.. 1507..</p> <p>Page Seite D30 CNG.. 1204.. CNG.. 1207..</p>	<p>CDUN 93°</p>  <p>DNG.. 1204.. DNG.. 1507..</p> <p>Page Seite D31 CNG.. 1204.. CNG.. 1207..</p>	<p>CELN 97°30'</p>  <p>Page Seite D32 ENGN 1307..</p>	<p>CSKN 75°</p>  <p>Page Seite D33 SNG.. 1204.. SNG.. 1207..</p>
<p>CSSN 45°</p>  <p>SNG.. 1204.. SNG.. 1207.. SNG.. 1507..</p> <p>Page Seite D34</p>	<p>CSYN 85°</p>  <p>Page Seite D35 SNG.. 1204.. SNG.. 1207..</p>			

Top-Clamp Ceramic PSC PSC Keramikhalter mit Flachklemmung

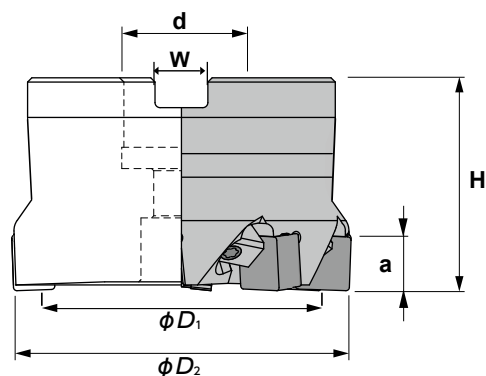
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<p>CDNN 63°</p>  <p>DNGN 1507..</p> <p>Page Seite D42</p>	<p>CDUN 93°</p>  <p>Page Seite D43 DNGN 1507..</p>	<p>CRSN</p>  <p>Page Seite D44 RNGN 1204.. RNGN 1207..</p>	<p>CSDN 45°</p>  <p>SNGN 1204.. SNGN 1207..</p> <p>Page Seite D45</p>	<p>CSKN 75°</p>  <p>Page Seite D46 SNGN 1204.. SNGN 1207..</p>
<p>CSRN 75°</p>  <p>Page Seite D47 SNGN 1204.. SNGN 1207..</p>	<p>CSSN 45°</p>  <p>Page Seite D48 SNGN 1204.. SNGN 1207..</p>			

FDX Cutter FDX Fräskörper



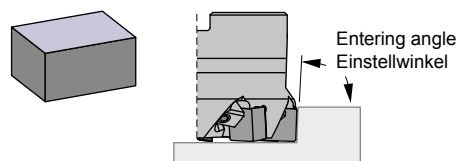
Characteristics:

Negative milling cutter with 45°, 75°, 88°, 90° entering angle. Its strong inserts accept high cutting depths and high feed per teeth. First option for cast iron milling.



Eigenschaften:

Negativer Fräser mit 45°, 75°, 88°, 90° Einstellwinkel. Seine starken Wendeschneidplatten akzeptieren einen hohen Vorschub pro Zahn. Erste Wahl zum Fräsen von Guß.



45°, 75°, 88°, 90°

θ	Artikelnr.	Reference Bezeichnung	Standard	✳	Dimensions			Abmessungen (mm)				Weight Gewicht (kg)
					φD ₁	φD ₂	H	a	φd	W	φd ₂	
45°	QEU003191	FDX050-45-05R-GM	●	5	50	58	50	8	22	10,4	45	0.78
		FDX063-45-06R-GM	●	6	63	72	50	8	22	10,4	58	0.93
		FDX080-45-08R-GM	●	8	80	95	50	8	27	12,4	62	1.21
		FDX100-45-10R-GM	●	10	100	120	50	8	32	14,7	62	1.66
	QEU002622	FDX125-45-13R-GM	●	12	125	146	58	8	40	16,4	83	2.80
75°	QEU000508	FDX050-75-05R-GM	●	5	50	57	50	12	22	10,4	45	0.65
	QEU000509	FDX063-75-06R-GM	●	6	63	70	50	12	22	10,4	58	0.79
	QEU000487	FDX080-75-08R-GM	●	8	80	87	50	12	27	12,4	62	1.06
	QEU000510	FDX100-75-10R-GM	●	10	100	107	50	12	32	14,7	62	1.39
	QEU000493	FDX125-75-13R-GM	●	12	125	132	58	12	40	16,4	83	2.56
		FDX160-75-16R-GM	●	16	160	166	60	12	40	16,4	100	4.1
88°	QEU000477	FDX050-88-05R-GM	●	5	50	51	50	12	22	10,4	45	0.65
	QEU000478	FDX063-88-06R-GM	●	6	63	64	50	12	22	10,4	58	0.79
	QEU000479	FDX080-88-08R-GM	●	8	80	81	50	12	27	12,4	62	1.06
	QEU000480	FDX100-88-10R-GM	●	10	100	101	50	12	32	14,7	62	1.39
	QEU000492	FDX125-88-13R-GM	●	12	125	126	58	12	40	16,4	83	2.56
	QEU000484	FDX160-88-16R-GM	●	16	160	156	60	12	40	16,4	100	4.1
90°	QEU002366	FDX050-90-05R-GM	●	5	50	50	50	12,7	22	10,4	45	0.65
	QEU000515	FDX063-90-06R-GM	●	6	63	63	50	12,7	22	10,4	58	0.79

FDX Spare parts / Ersatzteile



Clamp / Spannkeil - W6226-GM



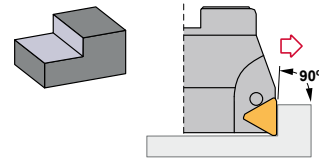
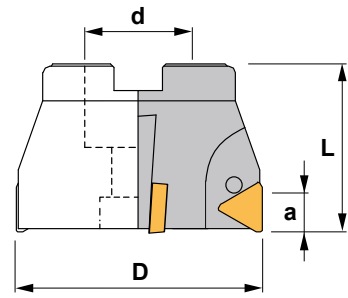
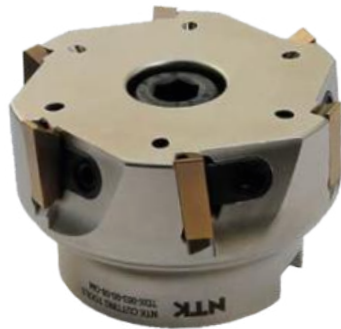
Clamping screw / Gewindespindel - AOB-6S-T30-GM

Applicable insert / geeignete WSP

SN..				Square negative inserts Vierkantige negative Wendeschneidplatten		SNGN	
Reference / Bez.	l	s	d				
SN.. 1204..	12,70	4,76	12,70				

NEW

TDX Cutter
TDX Fräskörper



Artikel	Reference Bezeichnung		D	L	a	d	Insert size Wenceschneidplatte	
QEU003462	TDX050-90-05-GM	05	50	50	16	22	TNGN 1604..	0,78
QEU003434	TDX063-90-06-GM	06	63	50	16	27	TNGN 1604..	0,93
QEU003435	TDX080-90-08-GM	08	80	50	16	27	TNGN 1604..	1,21
QEU003455	TDX100-90-10-GM	10	100	50	16	32	TNGN 1604..	1,66
QEU003436	TDX125-90-13-GM	13	125	63	16	40	TNGN 1604..	2,80

TDX Spare parts / Ersatzteile



Clamp / Spannkeil - W6226-GM



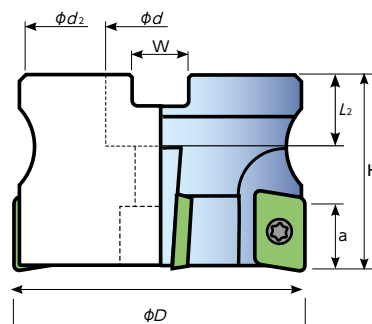
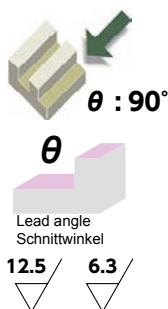
Clamping screw / Gewindespindel - AOB-6S-T30-GM

Applicable insert / geeignete WSP

TNGN Triangular negative insert. Dreikantige negative Wenceschneidplatte.								TNGN 	
Reference / Bez.	l	s	d						
TNGN 1604..	16,50	4,76	9,52						



QTS Cutter QTS Fräskörper

Milling cutter for cast and for high-temperature resistant materials
Fräser für die Gussbearbeitung und für Hochwarmfeste Materialien

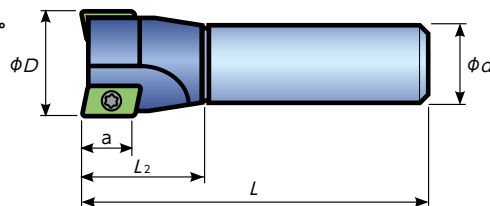
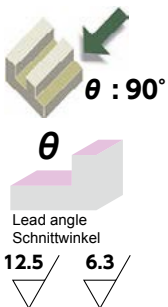


From DMR40 - DMR125 (The Table shows only a small selection of QTS-Series)
Ab DMR40 - DMR125 (Die Tabelle zeigt nur einen kleinen Auszug der QTS-Serie)

θ	Artikel	Reference Bezeichnung	Standard	✳	Dimensions				Abmessungen (mm)				Weight Gewicht (kg)	A.R.	R.R.	
					φD	H	L ₂	a	φd	W	φd ₂	φc				g
90°	QEU000464	QTS040-90-4R-GM	●	4	40	40	18	14	16	8,4	35			0.2	+6°	-13°
	QEU000465	QTS050-90-5R-GM	●	5	50	40	22	14	22	10,4	45			0.32	+6°	-13°
	QEU000466	QTS063-90-6R-GM	●	6	63	50	22	14	22	10,4	58			1.4	+6°	-12°
	QEU000467	QTS080-90-8R-GM	●	8	80	50	25	14	27	12,4	58			1.9	+6°	-12°

Spare parts / Ersatzteile	
Screw / Schraube  T15	Wrench / Schlüssel  T15
FSI22-4.0 * 11 521673-GM 10 pcs / Case VPE 10St/Pack	T-15A 5757588 10 pcs / Case VPE 10St/Pack

QTE Cutter QTE Fräskörper



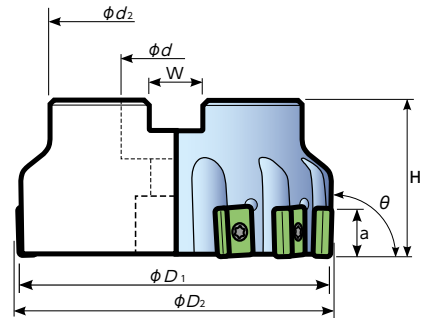
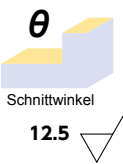
θ	Artikel	Reference Bezeichnung	Standard	✳	Dimensions / Abmessungen (mm)					Weight Gewicht (kg)	A.R.	R.R.
					φD	L	L ₂	a	φd			
90°		QTE020-90-1R-GM	●	1	20	100	30	14	20	0.22	+3°	-8°
	QEU000461	QTE025-90-2R-GM	●	2	25	100	30	14	25	0.32	+6°	-13°
	QEU000462	QTE032-90-3R-GM	●	3	32	110	35	14	32	0.53	+6°	-13°
	QEU000463	QTE040-90-4R-GM	●	4	40	110	37	14	32	0.64	+6°	-13°

Recommended cutting conditions / Schnittwertempfehlungen																
Grade Sorte	Material	Cutting Speed / Schnittgeschwindigkeit (m/min)								Feed / Vorschub (mm/Zahn)					D.O.C Schnitttiefe (mm)	
		400	500	600	700	800	900	1000	1100	0.05	0.1	0.15	0.2	0.25		0.3
SX6	Cast iron															~ 8 (mm)
	Grauguss															
SX9	Ductile Cast iron															
	Sphäroguss															



XTM Cutter XTM Fräskörper






A.R.-4°
R.R.0°



θ	Artikelnr.	Reference Bezeichnung	Standard	⚙️	Dimensions				Abmessungen (mm)				Weight Gewicht (kg)	
					ϕD_1	ϕD_2	H	a	ϕd	W	ϕd_2	ϕc		g
88°	QEU000471	XTM080-88-10R-GM	●	10	80	83	50	14	27	12,4	58			1.1
	QEU000473	XTM100-88-13R-GM	●	13	100	103	50	14	32	14,7	77			1.8
	QEU000475	XTM125-88-16R-GM	●	16	125	128	58	14	40	16,4	77			3.1

Spare parts / Ersatzteile	
Screw / Schraube 	Wrench / Schlüssel 
LRIS-4 * 12 633013-GM 10 pcs / Case VPE 10St/Pack	LLR-25S 5364930 10 pcs / Case VPE 10St/Pack

Screwdriver / Schraubendreher (Optional)		
		
HLR-25S 5485214 1 ps / Case VPE 1Stk/Pack	XX2815-04 5485172 1 ps / Case VPE 1Stk/Pack	XX2815-04-25S 5485255 1 ps / Case VPE 1Stk/Pack

Applicable insert / geeignete WSP

Reference Bezeichnung	R	Grade	Sorte
LNX 324-08T01020	0.8	SX6	●
		SX9	●
LNX 324-12T01020	1.2	SX6	●
		SX9	●
LNX 324-16T01020	1.6	SX6	●
		SX9	●

● : Standard

Recommended cutting conditions / Schnittwertempfehlungen																
Grade Sorte	Material	Cutting Speed / Schnittgeschwindigkeit (m/min)								Feed / Vorschub (mm/Zahn)					D.O.C Schnitttiefe (mm)	
		400	500	600	700	800	900	1000	1100	0.05	0.1	0.15	0.2	0.25		0.3
SX6	Cast iron															~ 8 (mm)
	Grauguss															
SX9	Ductile Cast iron														~ 8 (mm)	
	Sphäroguss															

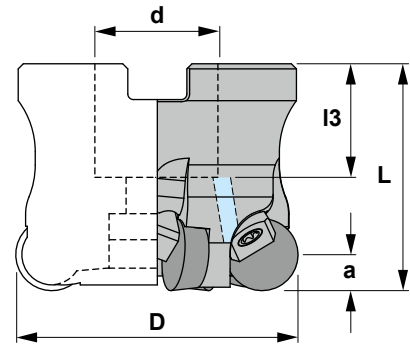
RPIW Cutter RPIW Fräskörper



Characteristics:

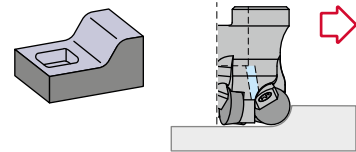
Round insert cutter for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling.

It can be used in only one pass (roughing and finishing).



Eigenschaften:

Fräser mit runden Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen. Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).



RPIW

Reference Bezeichnung		D	L	I3	a	d	Insert size Wendeschneidplatte	
RPIW040-04R-C	4	40	40	18	6,35	16	RPGN 1204..	0,200
RPIW050-05R-C	5	50	40	20	6,35	22	RPGN 1204..	0,330

Spare parts / Ersatzteile

Reference Bezeichnung					Nm
RPIW040-04R-C	1058-C	6226-C	1166-C	5515-C	3.0
RPIW050-05R-C	912,10-C	6226-C	1166-C	5515-C	3.0

Applicable insert / geeignete WSP

RPGN		Round negative insert. Runde negative Wendeschneidplatte.				RPGN
Reference / Bez.	s	d				
RPGN 1204..	4,76	12,70				

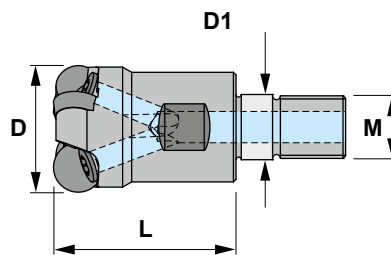
NEW

RPIW Cutter RPIW Fräskörper



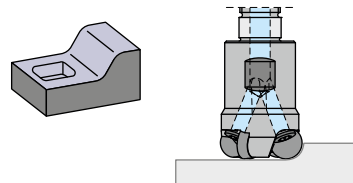
Characteristics:

Round insert end mill for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling. It can be used in only one pass (roughing and finishing)



Eigenschaften:

Modularfräser mit runden Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen. Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).



RPIW

Artikel	Reference Bezeichnung		L	M	D	D1	Insert size Wendeschneidplatte	
QEU002779	RPIW016-02R-C	2	23	M8	16	8,5	RPGN 0602..	0,030
QEU002528	RPIW020-03R-C	3	30	M10	20	10,5	RPGN 0602..	0,060
QEU002527	RPIW025-03R-C	3	35	M12	25	12,5	RPGN 0903..	0,100
QEU002777	RPIW032-04R-C	4	43	M16	32	16,5	RPGN 0903..	0,210
QEU002778	RPIW032-03R-C	3	43	M16	32	16,5	RPGN 1204..	0,220

Spare parts / Ersatzteile

Reference Bezeichnung			Nm
RPIW016-02R-C	1240-C	5515-C	3.0
RPIW020-03R-C	1240-C	5515-C	3.0
RPIW025-03R-C	1250-C	5520-C	4.0
RPIW032-04R-C	1250-C	5520-C	4.0
RPIW032-03R-C	1260-C	5525-C	5.0

Arbor / Werkzeugaufnahme



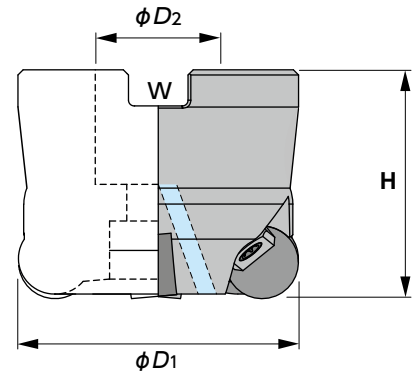
RPGN			 	
Reference / Bez.	s	d		
RPGN 0602..	2,38	6,35		
RPGN 0903..	3,18	9,52		
RPGN 1204..	4,76	12,70		

RNIW Cutter RNIW Fräskörper



Characteristics:

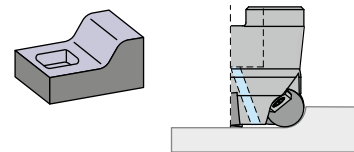
Round negative insert cutter for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling. It can be used in only one pass (roughing and finishing).



Eigenschaften:

Fräser mit runden negativen Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen.

Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).



Artikelnr.	Reference Bezeichnung	Standard	5	phi D1	Dimensions / Abmessungen (mm)			Clamp Prätze	Clamping screw Schraube	Applicable Insert geeignete Wendeschneidplatte	Weight Gewicht (kg)
					H	phi D2	W				
QEU000481	RNIW050-05R-GM	●	5	50	50	22	10.4	AMS-6T-GM SP2002-8	AOB-6S-T30-GM	RNGN 1207	0.42
QEU000482	RNIW063-06R-GM	●	6	63							0.55
QEU000459	RNIW080-07R-GM	●	7	80		27	12.4				0.85

● : Standard

***The table shows only a small selection of the RNIW series. For 1204 inserts are also cutters available. Please contact us

***Die Tabelle zeigt nur einen kleinen Auszug der RNIW-Serie. Für 1204er WSP sind auch RNIW-Fräser verfügbar. Bitte kontaktieren Sie uns

RNIW Spare parts / Ersatzteile



Clamp / Prätze - AMS-6T-GM



Clamping screw / Gewindespindel - AOB-6S-T30-GM

Applicable insert / geeignete WSP

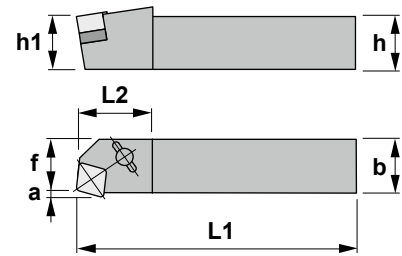
RNGN			Round negative insert Runde negative Wendeschneidplatte	
Reference / Bez.	s	d		
RNGN 1207..	7,94	12,70		



Characteristics:

Toolholder for external turning applications equipped with rhombic negative inserts (angle 80°).

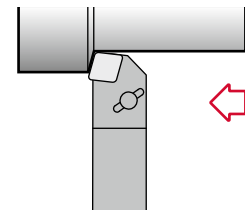
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CCBN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	KG
CCBN R/L 2525 M12-4CD-C	25	25	150	34	22	3,10	CNGN 1204..	0,750
CCBN R/L 2525 M12-7CD-C	25	25	150	34	22	3,10	CNGN 1207..	0,750
CCBN R/L 3225 P12-4CD-C	32	25	170	34	22	3,10	CNGN 1204..	1,050
CCBN R/L 3225 P12-7CD-C	32	25	170	34	22	3,10	CNGN 1207..	1,050
CCBN R/L 2525 M16-CD-C	25	25	150	34	27	3,82	CNGN 1607..	0,750
CCBN R/L 3225 P16-CD-C	32	25	170	34	27	3,82	CNGN 1607..	1,050
CCBN R/L 2525 M12-4CX-C	25	25	150	34	22	3,10	CNGX 1204..	0,750
CCBN R/L 2525 M12-7CX-C	25	25	150	34	22	3,10	CNGX 1207..	0,750
CCBN R/L 3225 P12-4CX-C	32	25	170	34	22	3,10	CNGX 1204..	1,050
CCBN R/L 3225 P12-7CX-C	32	25	170	34	22	3,10	CNGX 1207..	1,050
CCBN R/L 2525 M16-CX-C	25	25	150	34	27	3,82	CNGX 1607..	0,750
CCBN R/L 3225 P16-CX-C	32	25	170	34	27	3,82	CNGX 1607..	1,050

Reference Bezeichnung							Nm
CCBN R/L 2525 M12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 2525 M12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 3225 P12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 3225 P12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 2525 M16-CD-C	ICSN 533-C	1180-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 3225 P16-CD-C	ICSN 533-C	1180-C	9414-C	2417-C	-	5004-C	3.5
CCBN R/L 2525 M12-4CX-C	ICSN 454-C	1160-C	-	-	2471-C	5004-C	3.5
CCBN R/L 2525 M12-7CX-C	ICSN 434-C	1160-C	-	-	2471-C	5004-C	3.5
CCBN R/L 3225 P12-4CX-C	ICSN 454-C	1160-C	-	-	2471-C	5004-C	3.5
CCBN R/L 3225 P12-7CX-C	ICSN 434-C	1160-C	-	-	2471-C	5004-C	3.5
CCBN R/L 2525 M16-CX-C	ICSN 533-C	1180-C	-	-	2415-C	5004-C	3.5
CCBN R/L 3225 P16-CX-C	ICSN 533-C	1180-C	-	-	2415-C	5004-C	3.5

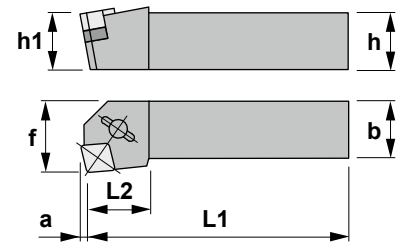
CNG.. 80° rhombic negative inserts 80° rhombische negative Wendeschneidplatten				CD		CX		CNGN	
Reference / Bez.	l	s	d						
CNG.. 1204..	12,90	4,76	12,70						
CNG.. 1207..	12,90	7,94	12,70						
CNG.. 1607..	16,10	7,94	15,88						



Characteristics:

Toolholder for face turning applications equipped with rhombic negative inserts (angle 80°).

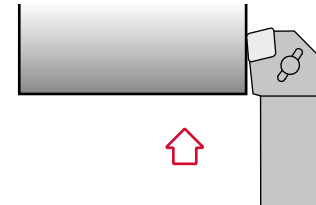
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CCKN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	Kg
CCKN R/L 2525 M12-4CD-C	25	25	150	29	32	3,10	CNGN 1204..	0,750
CCKN R/L 2525 M12-7CD-C	25	25	150	29	32	3,10	CNGN 1207..	0,750
CCKN R/L 3225 P12-4CD-C	32	25	170	29	32	3,10	CNGN 1204..	1,050
CCKN R/L 3225 P12-7CD-C	32	25	170	29	32	3,10	CNGN 1207..	1,050
CCKN R/L 2525 M12-4CX-C	25	25	150	29	32	3,10	CNGX 1204..	0,750
CCKN R/L 2525 M12-7CX-C	25	25	150	29	32	3,10	CNGX 1207..	0,750
CCKN R/L 3225 P12-4CX-C	32	25	170	29	32	3,10	CNGX 1204..	1,050
CCKN R/L 3225 P12-7CX-C	32	25	170	29	32	3,10	CNGX 1207..	1,050

Reference Bezeichnung							Nm
CCKN R/L 2525 M12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCKN R/L 2525 M12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCKN R/L 3225 P12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCKN R/L 3225 P12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CCKN R/L 2525 M12-4CX-C	ICSN 454-C	1160-C	-	-	2471-C	5004-C	3.5
CCKN R/L 2525 M12-7CX-C	ICSN 434-C	1160-C	-	-	2471-C	5004-C	3.5
CCKN R/L 3225 P12-4CX-C	ICSN 454-C	1160-C	-	-	2471-C	5004-C	3.5
CCKN R/L 3225 P12-7CX-C	ICSN 434-C	1160-C	-	-	2471-C	5004-C	3.5

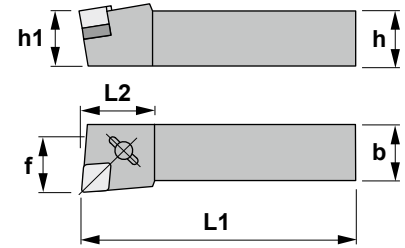
CNG.. 80° rhombic negative inserts 80° rhombische negative Wendeschneidplatten				CD		CX		CNGN
Reference / Bez.	l	s	d					
CNG.. 1204..	12,90	4,76	12,70					
CNG.. 1207..	12,90	7,94	12,70					



Characteristics:

Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).

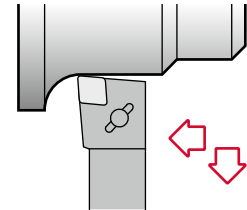
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



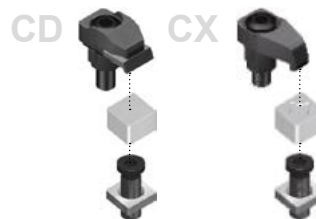
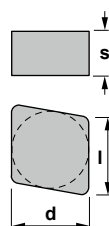
CCLN 95°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CCLN R/L 2525 M12-4CD-C	25	25	150	34	32	CNGN 1204..	0,750
CCLN R/L 2525 M12-7CD-C	25	25	150	34	32	CNGN 1207..	0,750
CCLN R/L 3225 P12-4CD-C	32	25	170	34	32	CNGN 1204..	1,050
CCLN R/L 3225 P12-7CD-C	32	25	170	34	32	CNGN 1207..	1,050
CCLN R/L 2525 M16-CD-C	25	25	150	34	32	CNGN 1607..	0,750
CCLN R/L 3225 P16-CD-C	32	25	170	38	32	CNGN 1607..	1,050
CCLN R/L 2525 M12-4CX-C	25	25	150	34	32	CNGX 1204..	0,750
CCLN R/L 2525 M12-7CX-C	25	25	150	34	32	CNGX 1207..	0,750
CCLN R/L 3225 P12-4CX-C	32	25	170	34	32	CNGX 1204..	1,050
CCLN R/L 3225 P12-7CX-C	32	25	170	34	32	CNGX 1207..	1,050
CCLN R/L 2525 M16-CX-C	25	25	150	34	32	CNGX 1607..	0,750
CCLN R/L 3225 P16-CX-C	32	25	170	38	32	CNGX 1607..	1,050

Reference Bezeichnung								Nm
CCLN R/L 2525 M12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 2525 M12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 3225 P12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 3225 P12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 2525 M16-CD-C	ICSN 533-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 3225 P16-CD-C	ICSN 533-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CCLN R/L 2525 M12-4CX-C	ICSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CCLN R/L 2525 M12-7CX-C	ICSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CCLN R/L 3225 P12-4CX-C	ICSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CCLN R/L 3225 P12-7CX-C	ICSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CCLN R/L 2525 M16-CX-C	ICSN 533-C	1180-C	-	-	2432-C	5004-C	-	3.5
CCLN R/L 3225 P16-CX-C	ICSN 533-C	1180-C	-	-	2432-C	5004-C	-	3.5

CNG.. 80° rhombic negative inserts
80° rhombische negative Wendeschneidplatten

Reference / Bez.	l	s	d
CNG.. 1204..	12,90	4,76	12,70
CNG.. 1207..	12,90	7,94	12,70
CNG.. 1607..	16,10	7,94	15,88



CNGN



CNGX

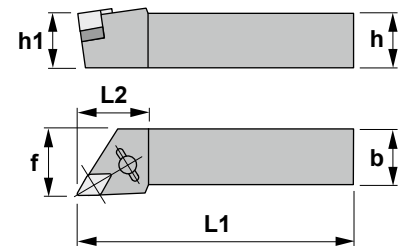




Characteristics:

Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°).

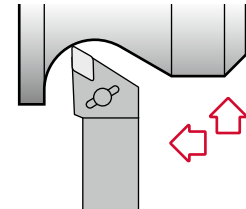
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



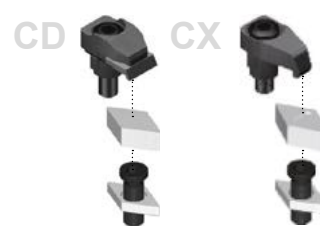
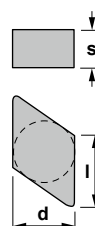
CDJN 93°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CDJN R/L 2525 M12-4CD-C	25	25	150	34	32	DNGN 1204..	0,750
CDJN R/L 2525 M12-7CD-C	25	25	150	34	32	DNGN 1207..	0,750
CDJN R/L 3225 P12-4CD-C	32	25	170	34	32	DNGN 1204..	1,050
CDJN R/L 3225 P12-7CD-C	32	25	170	34	32	DNGN 1207..	1,050
CDJN R/L 2525 M15-CD-C	25	25	150	38	32	DNGN 1507..	0,750
CDJN R/L 3225 P15-CD-C	32	25	170	38	32	DNGN 1507..	1,050
CDJN R/L 2525 M12-4CX-C	25	25	150	34	32	DNGX 1204..	0,750
CDJN R/L 2525 M12-7CX-C	25	25	150	34	32	DNGX 1207..	0,750
CDJN R/L 3225 P12-4CX-C	32	25	170	34	32	DNGX 1204..	1,050
CDJN R/L 3225 P12-7CX-C	32	25	170	34	32	DNGX 1207..	1,050
CDJN R/L 2525 M15-CX-C	25	25	150	38	32	DNGX 1507..	0,750
CDJN R/L 3225 P15-CX-C	32	25	170	38	32	DNGX 1507..	1,050

Reference Bezeichnung							Nm
CDJN R/L 2525 M12-4CD-C	IDSN 354-C	1150-C	9416-C	2413-C	-	5004-C	3.5
CDJN R/L 2525 M12-7CD-C	IDSN 334-C	1150-C	9416-C	2413-C	-	5004-C	3.5
CDJN R/L 3225 P12-4CD-C	IDSN 354-C	1150-C	9416-C	2413-C	-	5004-C	3.5
CDJN R/L 3225 P12-7CD-C	IDSN 334-C	1150-C	9416-C	2413-C	-	5004-C	3.5
CDJN R/L 2525 M15-CD-C	IDSN 434-C	1160-C	9416-C	2417-C	-	5004-C	3.5
CDJN R/L 3225 P15-CD-C	IDSN 434-C	1160-C	9416-C	2417-C	-	5004-C	3.5
CDJN R/L 2525 M12-4CX-C	IDSN 354-C	1150-C	-	-	2415-C	5004-C	3.5
CDJN R/L 2525 M12-7CX-C	IDSN 334-C	1150-C	-	-	2415-C	5004-C	3.5
CDJN R/L 3225 P12-4CX-C	IDSN 354-C	1150-C	-	-	2415-C	5004-C	3.5
CDJN R/L 3225 P12-7CX-C	IDSN 334-C	1150-C	-	-	2415-C	5004-C	3.5
CDJN R/L 2525 M15-CX-C	IDSN 434-C	1160-C	-	-	2432-C	5004-C	3.5
CDJN R/L 3225 P15-CX-C	IDSN 434-C	1160-C	-	-	2432-C	5004-C	3.5

DNG.. 55° rhombic negative inserts
55° rhombische negative Wendeschneidplatten

Reference / Bez.	l	s	d
DNG.. 1204..	12,20	4,76	10,00
DNG.. 1207..	12,20	7,94	10,00
DNG.. 1507..	15,50	7,94	12,70

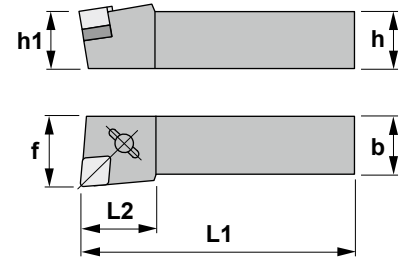




Characteristics:

Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 75°).

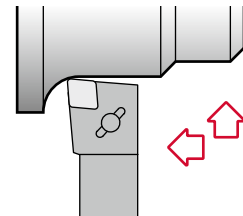
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (75° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CELN 97°30'

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CELN R/L 2020 K13-CD-C	20	20	125	34	25	ENGN 1307..	0,400
CELN R/L 2525 M13-CD-C	25	25	150	34	32	ENGN 1307..	0,750
CELN R/L 3225 P13-CD-C	32	25	170	34	32	ENGN 1307..	1,050

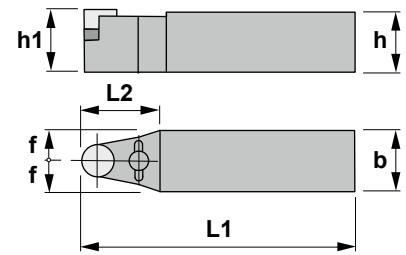
Reference Bezeichnung						Nm
CELN R/L 2020 K13-CD-C	IESN 432-C	1161-C	9414-C	2417-C	5004-C	3.5
CELN R/L 2525 M13-CD-C	IESN 432-C	1160-C	9414-C	2417-C	5004-C	3.5
CELN R/L 3225 P13-CD-C	IESN 432-C	1160-C	9414-C	2417-C	5004-C	3.5

ENGN				75° rhombic negative insert 75° rhombische negative Wendeschneidplatte		
Reference / Bez.	l	s	d	r	i	
ENGN 1307..	13,12	7,94	12,70			



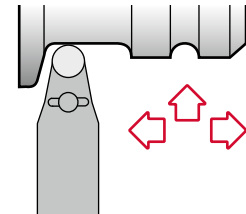
Characteristics:

Profiling toolholder equipped with round positive insert.
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Profildrehen mit einer runden positiven Wendeschneidplatte.
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



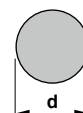
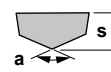
CRDC

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	kg
CRDC N 2525 M06-C	25	25	150	28	12,5	RCGX 0607..	0,750
CRDC N 2525 M09-C	25	25	150	20	12,5	RCGX 0907..	0,750
CRDC N 3225 P09-C	32	25	170	20	12,5	RCGX 0907..	0,750
CRDC N 2525 M12-C	25	25	150	25	12,5	RCGX 1207..	0,750
CRDC N 3225 P12-C	32	25	170	25	12,5	RCGX 1207..	1,050
CRDC N 2525 M15-C	25	25	150	30	12,5	RCGX 1507..	0,750
CRDC N 3225 P15-C	32	25	170	30	12,5	RCGX 1507..	1,050
CRDC N 3225 P19-C	32	25	170	42	12,5	RCGX 1910..	1,050
CRDC N 3232 P19-C	32	32	170	42	16,0	RCGX 1910..	1,300
CRDC N 3232 P25-C	32	32	170	45	16,0	RCGX 2512..	1,300

Reference Bezeichnung										Nm	
CRDC N 2525 M06-C	3806-C	-	-	1392-C	2120-C	1335-C	-	5515-C	3807-C	3808-C	3.0
CRDC N 2525 M09-C	3849-C	-	-	1335-C	2121-C	1250-C	-	5520-C	-	-	4.0
CRDC N 3225 P09-C	3849-C	-	-	1335-C	2121-C	1250-C	-	5520-C	-	-	4.0
CRDC N 2525 M12-C	3852-C	-	-	1350-C	2122-C	1260-C	-	5525-C	-	-	5.0
CRDC N 3225 P12-C	3852-C	-	-	1350-C	2122-C	1260-C	-	5525-C	-	-	5.0
CRDC N 2525 M15-C	-	3817-C	-	1230-C (2)	2414-C	-	5004-C	-	-	-	3.5
CRDC N 3225 P15-C	-	3817-C	-	1230-C (2)	2414-C	-	5004-C	-	-	-	3.5
CRDC N 3225 P19-C	-	3819-C	-	1230-C (2)	2414-C	-	5004-C	-	-	-	3.5
CRDC N 3232 P19-C	-	3819-C	9414-C	1230-C (2)	2414-C	-	5004-C	-	-	-	3.5
CRDC N 3232 P25-C	-	3835-C	9414-C	1230-C (2)	2417-C	-	5004-C	-	-	-	3.5

RCGX 0606.. RCGX 0604..
inserts inserts
Wendeplatten Wendeplatten

Reference / Bez.	Round positive insert with 7° clearance Runde positive Wendeschneidplatte mit 7° Freiwinkel		
	a	s	d
RCGX 0607..	120°	7,94	6,35
RCGX 0907..	120°	7,94	9,52
RCGX 1207..	120°	7,94	12,70
RCGX 1507..	120°	7,94	15,87
RCGX 1910..	120°	10,00	19,05
RCGX 1910..	120°	10,00	19,05
RCGX 2512..	140°	12,00	25,40

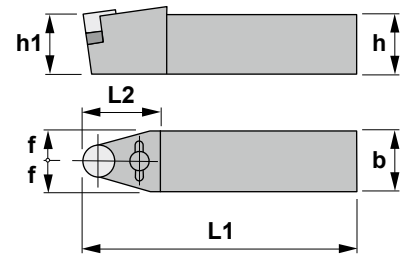


RCGX



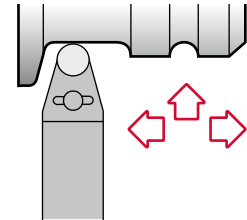
Characteristics:

Profiling multipurpose turning toolholder equipped with round negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CRDN

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendschneidplatte	
CRDN N 2525 M12-4CD-C	25	25	150	34	12,5	RNGN 1204..	0,750
CRDN N 2525 M12-7CD-C	25	25	150	34	12,5	RNGN 1207..	0,750
CRDN N 3225 P12-4CD-C	32	25	170	34	12,5	RNGN 1204..	1,050
CRDN N 3225 P12-7CD-C	32	25	170	34	12,5	RNGN 1207..	1,050
CRDN N 2525 M15-7CD-C	25	25	150	34	12,5	RNGN 1507..	0,750
CRDN N 3225 P15-7CD-C	32	25	170	42	12,5	RNGN 1507..	1,050
CRDN N 3225 P19-7CD-C	32	25	170	42	12,5	RNGN 1907..	1,050
CRDN N 3232 P25-7CD-C	32	32	170	42	16,0	RNGN 2507..	1,300

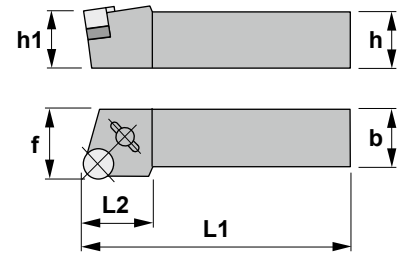
Reference Bezeichnung						Nm
CRDN N 2525 M12-4CD-C	IRSN 45-C	1160-C	2413-C	9414-C	5004-C	3.5
CRDN N 2525 M12-7CD-C	IRSN 43-C	1160-C	2413-C	9414-C	5004-C	3.5
CRDN N 3225 P12-4CD-C	IRSN 45-C	1160-C	2413-C	9414-C	5004-C	3.5
CRDN N 3225 P12-7CD-C	IRSN 43-C	1160-C	2413-C	9414-C	5004-C	3.5
CRDN N 2525 M15-7CD-C	IRSN 53-C	1180-C	2417-C	9414-C	5004-C	3.5
CRDN N 3225 P15-7CD-C	IRSN 53-C	1180-C	2417-C	9414-C	5004-C	3.5
CRDN N 3225 P19-7CD-C	3919-C	1182-C	2417-C	9414-C	5004-C	3.5
CRDN N 3232 P25-7CD-C	3925-C	1192-C	2417-C	9414-C	5004-C	3.5

RNGN <small>Round negative insert Runde negative Wendschneidplatte</small>					
Reference / Bez.	s	d			
RNGN 1204..	4,76	12,70			
RNGN 1207..	7,94	12,70			
RNGN 1507..	7,94	15,88			
RNGN 1907..	7,94	19,05			
RNGN 2507..	7,94	25,40			



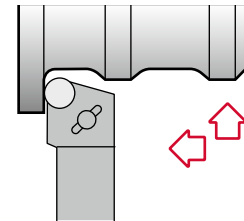
Characteristics:

Profiling multipurpose turning toolholder equipped with round negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CRSN

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CRSN R/L 2525 M12-4CD-C	25	25	150	34	32	RNGN 1204..	0,750
CRSN R/L 2525 M12-7CD-C	25	25	150	34	32	RNGN 1207..	0,750
CRSN R/L 3225 P12-4CD-C	32	25	170	34	32	RNGN 1204..	1,050
CRSN R/L 3225 P12-7CD-C	32	25	170	34	32	RNGN 1207..	1,050

Reference Bezeichnung						Nm
CRSN R/L 2525 M12-4CD-C	IRSN 45-C	1160-C	2413-C	9414-C	5004-C	3.5
CRSN R/L 2525 M12-7CD-C	IRSN 43-C	1160-C	2413-C	9414-C	5004-C	3.5
CRSN R/L 3225 P12-4CD-C	IRSN 45-C	1160-C	2413-C	9414-C	5004-C	3.5
CRSN R/L 3225 P12-7CD-C	IRSN 43-C	1160-C	2413-C	9414-C	5004-C	3.5

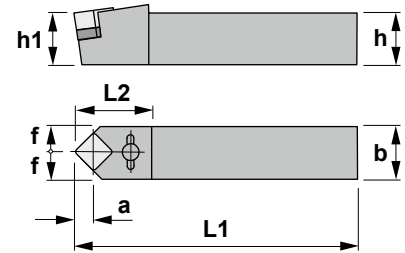
RNGN <small>Round negative insert Runde negative Wendeschneidplatte</small>					
Reference / Bez.	s	d			
RNGN 1204..	4,76	12,70			
RNGN 1207..	7,94	12,70			



Characteristics:

Toolholder for external turning and chamfering applications equipped with square negative inserts.

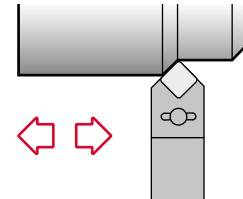
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außendrehen und Anfasen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



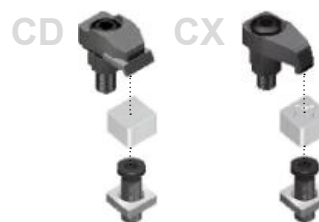
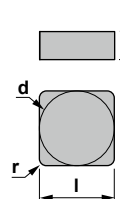
CSDN 45°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	
CSDN N 2525 M12-4CD-C	25	25	150	42	12,5	8,32	SNGN 1204..	0,750
CSDN N 2525 M12-7CD-C	25	25	150	42	12,5	8,32	SNGN 1207..	0,750
CSDN N 3225 P12-4CD-C	32	25	170	42	12,5	8,32	SNGN 1204..	1,050
CSDN N 3225 P12-7CD-C	32	25	170	42	12,5	10,23	SNGN 1207..	1,050
CSDN N 2525 M15-CD-C	25	25	150	42	12,5	8,32	SNGN 1507..	0,750
CSDN N 3225 P15-CD-C	32	25	170	42	12,5	10,23	SNGN 1507..	1,050
CSDN N 2525 M12-4CX-C	25	25	150	42	12,5	8,32	SNGX 1204..	0,750
CSDN N 2525 M12-7CX-C	25	25	150	42	12,5	8,32	SNGX 1207..	0,750
CSDN N 3225 P12-4CX-C	32	25	170	42	12,5	8,32	SNGX 1204..	1,050
CSDN N 3225 P12-7CX-C	32	25	170	42	12,5	8,32	SNGX 1207..	1,050
CSDN N 2525 M15-CX-C	25	25	150	42	12,5	10,23	SNGX 1507..	0,750
CSDN N 3225 P15-CX-C	32	25	170	42	12,5	10,23	SNGX 1507..	1,050

Reference Bezeichnung								Nm
CSDN N 2525 M12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 2525 M12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 3225 P12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 3225 P12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 2525 M15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 3225 P15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C		3.5
CSDN N 2525 M12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C		3.5
CSDN N 2525 M12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C		3.5
CSDN N 3225 P12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C		3.5
CSDN N 3225 P12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C		3.5
CSDN N 2525 M15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C		3.5
CSDN N 3225 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C		3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87

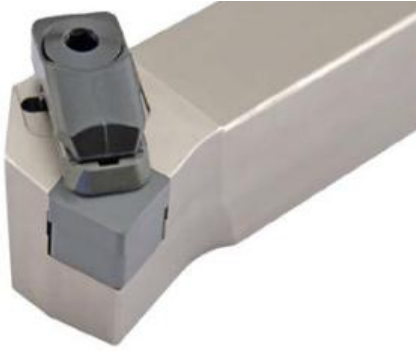


SNGN



SNGX

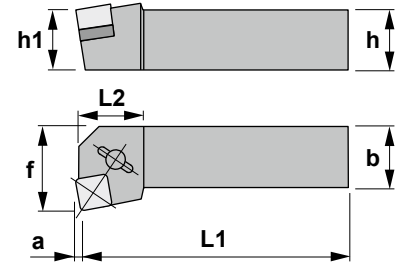




Characteristics:

Toolholder for face turning applications equipped with square negative inserts and strong cutting edges.

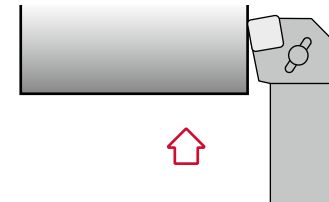
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



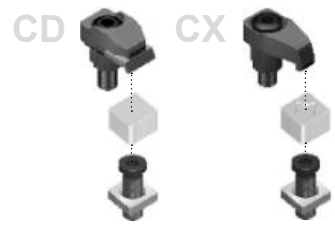
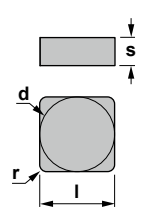
CSKN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	kg
CSKN R/L 2525 M12-4CD-C	25	25	150	34	32	3,06	SNGN 1204..	0,750
CSKN R/L 2525 M12-7CD-C	25	25	150	34	32	3,06	SNGN 1207..	0,750
CSKN R/L 3225 P12-4CD-C	32	25	170	34	32	3,06	SNGN 1204..	1,050
CSKN R/L 3225 P12-7CD-C	32	25	170	34	32	3,06	SNGN 1207..	1,050
CSKN R/L 2525 M15-CD-C	25	25	150	34	32	3,77	SNGN 1507..	0,750
CSKN R/L 3225 P15-CD-C	32	25	170	34	32	3,77	SNGN 1507..	1,050
CSKN R/L 2525 M12-4CX-C	25	25	150	34	32	3,06	SNGX 1204..	0,750
CSKN R/L 2525 M12-7CX-C	25	25	150	34	32	3,06	SNGX 1207..	0,750
CSKN R/L 3225 P12-4CX-C	32	25	170	34	32	3,06	SNGX 1207..	1,050
CSKN R/L 3225 P12-7CX-C	32	25	170	34	32	3,06	SNGX 1207..	1,050
CSKN R/L 2525 M15-CX-C	25	25	150	34	32	3,77	SNGX 1507..	0,750
CSKN R/L 3225 P15-CX-C	32	25	170	34	32	3,77	SNGX 1507..	1,050
CSKN R/L 4040 P15-CX-C	40	40	170	34	50	3,77	SNGX 1507..	1,300

Reference Bezeichnung								Nm
CSKN R/L 2525 M12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 2525 M12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 3225 P12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 3225 P12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 2525 M15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 3225 P15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C		3.5
CSKN R/L 2525 M12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C		3.5
CSKN R/L 2525 M12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C		3.5
CSKN R/L 3225 P12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C		3.5
CSKN R/L 3225 P12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C		3.5
CSKN R/L 2525 M15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C		3.5
CSKN R/L 3225 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C		3.5
CSKN R/L 4040 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C		3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87

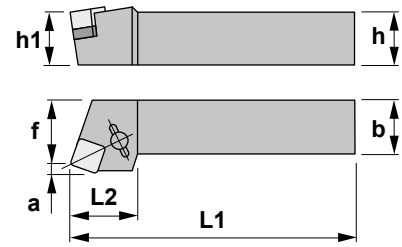




Characteristics:

Toolholder for external turning applications equipped with square negative inserts.

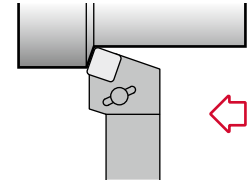
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendreihen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



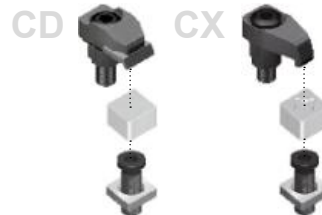
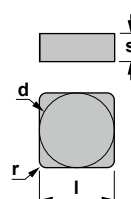
CSRN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	kg
CSRN R/L 2525 M12-4CD-C	25	25	150	34	27	3,06	SNGN 1204..	0,750
CSRN R/L 2525 M12-7CD-C	25	25	150	34	27	3,06	SNGN 1207..	0,750
CSRN R/L 3225 P12-4CD-C	32	25	170	34	27	3,06	SNGN 1204..	1,050
CSRN R/L 3225 P12-7CD-C	32	25	170	34	27	3,06	SNGN 1207..	1,050
CSRN R/L 2525 M15-CD-C	25	25	150	34	27	3,77	SNGN 1507..	0,750
CSRN R/L 3225 P15-CD-C	32	25	170	38	27	3,77	SNGN 1507..	1,050
CSRN R/L 3232 P19-CD-C	32	32	170	42	35	4,50	SNGN 1907..	1,150
CSRN R/L 4040 P19-CD-C	40	40	170	42	43	4,50	SNGN 1907..	1,300
CSRN R/L 2525 M12-4CX-C	25	25	150	34	27	3,06	SNGX 1204..	0,750
CSRN R/L 2525 M12-7CX-C	25	25	150	34	27	3,06	SNGX 1207..	0,750
CSRN R/L 3225 P12-4CX-C	32	25	170	34	27	3,06	SNGX 1204..	1,050
CSRN R/L 3225 P12-7CX-C	32	25	170	34	27	3,06	SNGX 1207..	1,050
CSRN R/L 2525 M15-CX-C	25	25	150	34	27	3,77	SNGX 1507..	0,750
CSRN R/L 3225 P15-CX-C	32	25	170	38	27	3,77	SNGX 1507..	1,050

Reference Bezeichnung								Nm
CSRN R/L 2525 M12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 2525 M12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 3225 P12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 3225 P12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 2525 M15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 3225 P15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 3232 P19-CD-C	3519-C	1182-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 4040 P19-CD-C	3519-C	1182-C	9414-C	2417-C	-	5004-C	-	3.5
CSRN R/L 2525 M12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSRN R/L 2525 M12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSRN R/L 3225 P12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSRN R/L 3225 P12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSRN R/L 2525 M15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	-	3.5
CSRN R/L 3225 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	-	3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87



SNGN



SNGX

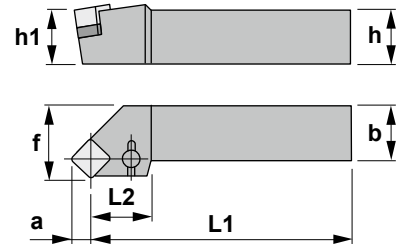




Characteristics:

Toolholder for external turning and chamfering applications equipped with square negative inserts.

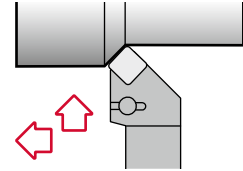
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendreihen und Anfasen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



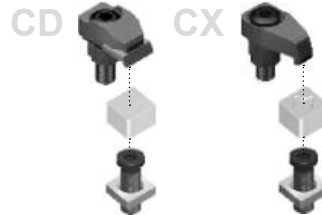
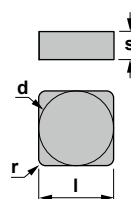
CSSN 45°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	kg
CSSN R/L 2525 M12-4CD-C	25	25	150	35	32	8,32	SNGN 1204..	0,750
CSSN R/L 2525 M12-7CD-C	25	25	150	35	32	8,32	SNGN 1207..	0,750
CSSN R/L 3225 P12-4CD-C	32	25	170	35	32	8,32	SNGN 1204..	1,050
CSSN R/L 3225 P12-7CD-C	32	25	170	35	32	8,32	SNGN 1207..	1,050
CSSN R/L 2525 M15-CD-C	25	25	150	37	32	10,23	SNGN 1507..	0,750
CSSN R/L 3225 P15-CD-C	32	25	170	37	32	10,23	SNGN 1507..	1,050
CSSN R/L 3232 P19-CD-C	32	32	170	37	40	12,50	SNGN 1907..	1,150
CSSN R/L 4040 P19-CD-C	40	40	170	37	50	12,50	SNGN 1907..	1,300
CSSN R/L 2525 M12-4CX-C	25	25	150	35	32	8,32	SNGX 1204..	0,750
CSSN R/L 2525 M12-7CX-C	25	25	150	35	32	8,32	SNGX 1207..	0,750
CSSN R/L 3225 P12-4CX-C	32	25	170	35	32	8,32	SNGX 1204..	1,050
CSSN R/L 3225 P12-7CX-C	32	25	170	35	32	8,32	SNGX 1207..	1,050
CSSN R/L 2525 M15-CX-C	25	25	150	37	32	10,23	SNGX 1507..	0,750
CSSN R/L 3225 P15-CX-C	32	25	170	37	32	10,23	SNGX 1507..	1,050

Reference Bezeichnung								Nm
CSSN R/L 2525 M12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 2525 M12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 3225 P12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 3225 P12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 2525 M15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 3225 P15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 3232 P19-CD-C	3519-C	1182-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 4040 P19-CD-C	3519-C	1182-C	9414-C	2417-C	-	5004-C	-	3.5
CSSN R/L 2525 M12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSSN R/L 2525 M12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSSN R/L 3225 P12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSSN R/L 3225 P12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	-	3.5
CSSN R/L 2525 M15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	-	3.5
CSSN R/L 3225 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	-	3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87



SNGN



SNGX

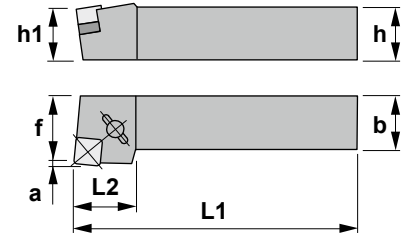




Characteristics:

Toolholder for external turning applications equipped with square negative inserts.

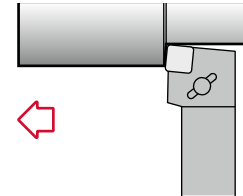
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendreien mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



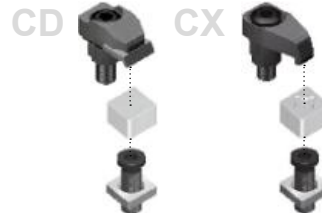
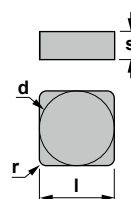
CSXN 85°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	KG
CSXN R/L 2525 M12-4CD-C	25	25	150	30	32	1,03	SNGN 1204..	0,750
CSXN R/L 2525 M12-7CD-C	25	25	150	30	32	1,03	SNGN 1207..	0,750
CSXN R/L 3225 P12-4CD-C	32	25	170	30	32	1,03	SNGN 1204..	1,050
CSXN R/L 3225 P12-7CD-C	32	25	170	30	32	1,03	SNGN 1207..	1,050
CSXN R/L 2525 M15-CD-C	25	25	150	33	32	1,38	SNGN 1507..	0,750
CSXN R/L 3225 P15-CD-C	32	25	170	33	32	1,38	SNGN 1507..	1,050
CSXN R/L 2525 M12-4CX-C	25	25	150	30	32	1,03	SNGX 1204..	0,750
CSXN R/L 2525 M12-7CX-C	25	25	150	30	32	1,03	SNGX 1207..	0,750
CSXN R/L 3225 P12-4CX-C	32	25	170	30	32	1,03	SNGX 1204..	1,050
CSXN R/L 3225 P12-7CX-C	32	25	170	30	32	1,03	SNGX 1207..	1,050
CSXN R/L 2525 M15-CX-C	25	25	150	33	32	1,38	SNGX 1507..	0,750
CSXN R/L 3225 P15-CX-C	32	25	170	33	32	1,38	SNGX 1507..	1,050

Reference Bezeichnung							Nm
CSXN R/L 2525 M12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 2525 M12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 3225 P12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 3225 P12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 2525 M15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 3225 P15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	3.5
CSXN R/L 2525 M12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	3.5
CSXN R/L 2525 M12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	3.5
CSXN R/L 3225 P12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	3.5
CSXN R/L 3225 P12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	3.5
CSXN R/L 2525 M15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	3.5
CSXN R/L 3225 P15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87



SNGN



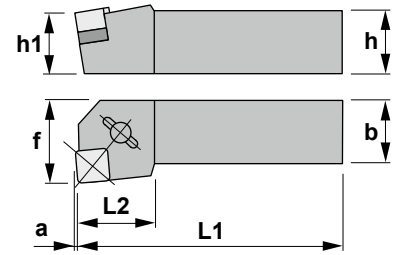
SNGX





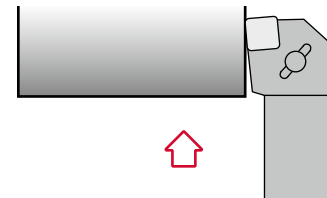
Characteristics:

Toolholder for front turning applications equipped with square negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



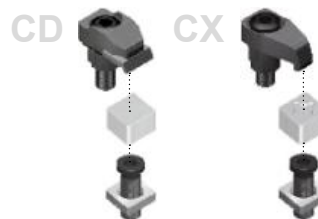
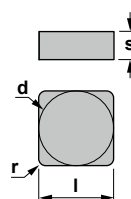
CSYN 85°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	KG
CSYN R/L 2525 M12-4CD-C	25	25	150	27	32	1,03	SNGN 1204..	0,750
CSYN R/L 2525 M12-7CD-C	25	25	150	27	32	1,03	SNGN 1207..	0,750
CSYN R/L 3225 P12-4CD-C	32	25	170	27	32	1,03	SNGN 1204..	1,050
CSYN R/L 3225 P12-7CD-C	32	25	170	27	32	1,03	SNGN 1207..	1,050
CSYN R/L 2525 M15-CD-C	25	25	150	27	32	1,38	SNGN 1507..	0,750
CSYN R/L 3225 P15-CD-C	32	25	170	27	32	1,38	SNGN 1507..	1,050
CSYN R/L 2525 M12-4CX-C	25	25	150	27	32	1,03	SNGX 1204..	0,750
CSYN R/L 2525 M12-7CX-C	25	25	150	27	32	1,03	SNGX 1207..	0,750
CSYN R/L 3225 P12-4CX-C	32	25	170	27	32	1,03	SNGX 1204..	1,050
CSYN R/L 3225 P12-7CX-C	32	25	170	27	32	1,03	SNGX 1207..	1,050
CSYN R/L 2525 M15-CX-C	25	25	150	27	32	1,38	SNGX 1507..	0,750
CSYN R/L 3225 P15-CX-C	32	25	170	27	32	1,38	SNGX 1507..	1,050

Reference Bezeichnung										Nm
CSYN R/L 2525 M12-4CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 2525 M12-7CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 3225 P12-4CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 3225 P12-7CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 2525 M15-CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 3225 P15-CD-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	ISSN 1180-C	ISSN 9414-C	ISSN 2417-C	-	ISSN 5004-C	3.5
CSYN R/L 2525 M12-4CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5
CSYN R/L 2525 M12-7CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5
CSYN R/L 3225 P12-4CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5
CSYN R/L 3225 P12-7CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5
CSYN R/L 2525 M15-CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5
CSYN R/L 3225 P15-CX-C	ISSN 454-C	ISSN 434-C	ISSN 534-C	ISSN 1160-C	-	-	ISSN 2415-C	ISSN 5004-C	ISSN 5004-C	3.5

SNG.. Square negative inserts
Vierkantige negative Wendeschneidplatten

Reference / Bez.	l	s	d
SNG.. 1204..	12,70	4,76	12,70
SNG.. 1207..	12,70	7,94	12,70
SNG.. 1507..	15,87	7,94	15,87



SNGN



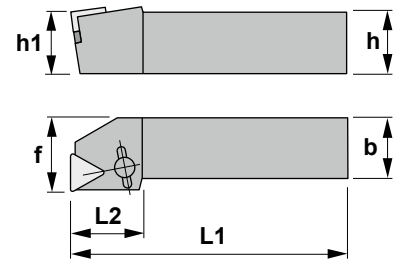
SNGX





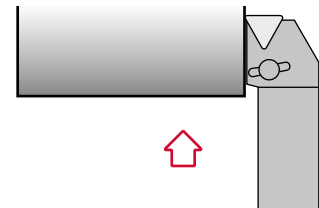
Characteristics:

Toolholder for face turning applications equipped with triangular negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer dreikantigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CTFN 90°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CTFN R/L 2525 M16-4CD-C	25	25	150	29	32	TNGN 1604..	0,750
CTFN R/L 2525 M16-7CD-C	25	25	150	29	32	TNGN 1607..	0,750
CTFN R/L 3225 P16-4CD-C	32	25	170	29	32	TNGN 1604..	1,050
CTFN R/L 3225 P16-7CD-C	32	25	170	29	32	TNGN 1607..	1,050

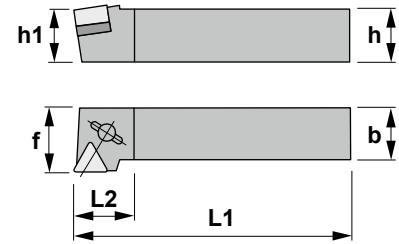
Reference Bezeichnung						Nm
CTFN R/L 2525 M16-4CD-C	ITSN 342-C	1150-C	9416-C	2413-C	5004-C	3.5
CTFN R/L 2525 M16-7CD-C	ITSN 324-C	1150-C	9416-C	2413-C	5004-C	3.5
CTFN R/L 3225 P16-4CD-C	ITSN 342-C	1150-C	9416-C	2417-C	5004-C	3.5
CTFN R/L 3225 P16-7CD-C	ITSN 324-C	1150-C	9416-C	2417-C	5004-C	3.5

TNGN Triangular negative insert Dreikantige negative Wendeschneidplatte						TNGN
Reference / Bez.	l	s	d			
TNGN 1604..	16,50	4,76	9,52			
TNGN 1607..	16,50	7,94	9,52			



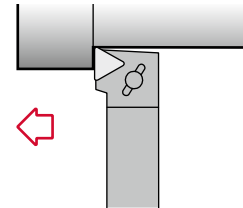
Characteristics:

Toolholder for external turning applications equipped with triangular negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außendrehen mit einer dreieckigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CTGN 90°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
CTGN R/L 2525 M16-4CD-C	25	25	150	20	32	TNGN 1604..	0,750
CTGN R/L 2525 M16-7CD-C	25	25	150	20	32	TNGN 1607..	0,750
CTGN R/L 3225 P16-4CD-C	32	25	170	20	32	TNGN 1604..	1,050
CTGN R/L 3225 P16-7CD-C	32	25	170	20	32	TNGN 1607..	1,050

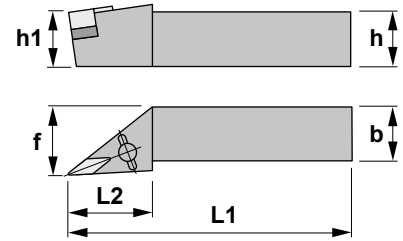
Reference Bezeichnung						Nm
CTGN R/L 2525 M16-4CD-C	ITSN 342-C	1150-C	9416-C	2413-C	5004-C	3.5
CTGN R/L 2525 M16-7CD-C	ITSN 324-C	1150-C	9416-C	2413-C	5004-C	3.5
CTGN R/L 3225 P16-4CD-C	ITSN 342-C	1150-C	9416-C	2413-C	5004-C	3.5
CTGN R/L 3225 P16-7CD-C	ITSN 324-C	1150-C	9416-C	2413-C	5004-C	3.5

TNGN <small>Triangular negative insert Dreieckige negative Wendeschneidplatte</small>						TNGN
Reference / Bez.	l	s	d			
TNGN 1604..	16,50	4,76	9,52			
TNGN 1607..	16,50	7,94	9,52			



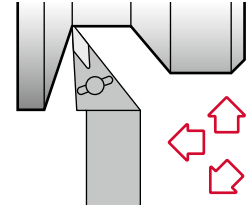
Characteristics:

External turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 35°).
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

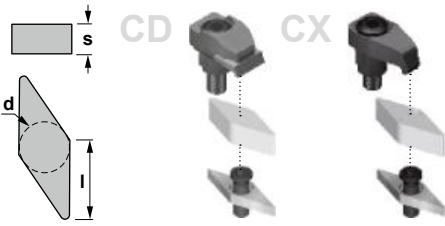
Klemhalter zum Außen- und Profildrehen mit einer doppelseitigen rhombischen negativen Wendschneidplatte (35° Winkel).
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.




CVJN 93°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendschneidplatte	
CVJN R/L 2525 M16-4CD-C	25	25	150	41	32	VNGN 1604..	0,750
CVJN R/L 2525 M16-7CD-C	25	25	150	41	32	VNGN 1607..	0,750
CVJN R/L 3225 P16-4CD-C	32	25	170	41	32	VNGN 1604..	1,050
CVJN R/L 3225 P16-7CD-C	32	25	170	41	32	VNGN 1607..	1,050
CVJN R/L 2525 M16-4CX-C	25	25	150	41	32	VNGX 1604..	0,750
CVJN R/L 2525 M16-7CX-C	25	25	150	41	32	VNGX 1607..	0,750
CVJN R/L 3225 P16-4CX-C	32	25	170	41	32	VNGX 1604..	1,050
CVJN R/L 3225 P16-7CX-C	32	25	170	41	32	VNGX 1607..	1,050


Reference Bezeichnung							Nm
CVJN R/L 2525 M16-4CD-C	IVSN 342-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVJN R/L 2525 M16-7CD-C	IVSN 322-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVJN R/L 3225 P16-4CD-C	IVSN 342-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVJN R/L 3225 P16-7CD-C	IVSN 322-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVJN R/L 2525 M16-4CX-C	IVSN 342-C	1150-C	-	-	2428-C	5004-C	3.5
CVJN R/L 2525 M16-7CX-C	IVSN 322-C	1150-C	-	-	2428-C	5004-C	3.5
CVJN R/L 3225 P16-4CX-C	IVSN 342-C	1150-C	-	-	2428-C	5004-C	3.5
CVJN R/L 3225 P16-7CX-C	IVSN 322-C	1150-C	-	-	2428-C	5004-C	3.5

VNG..		35° rhombic negative inserts 35° rhombische negative Wendschneidplatten		
Reference / Bez.	l	s	d	
VNG.. 1604..	16,50	4,76	9,52	
VNG.. 1607..	16,50	7,94	9,52	

VNGN



VNGX

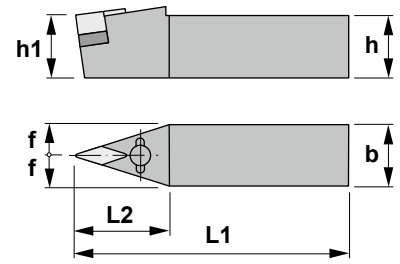




Characteristics:

External turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 35°).

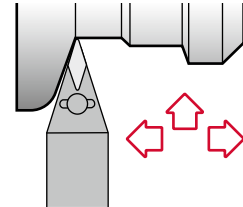
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außen- und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (35° Winkel).

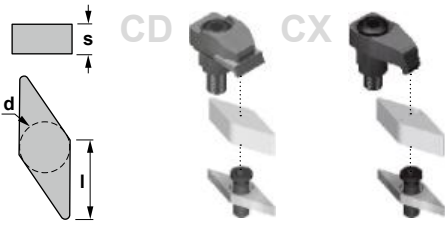

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CVVN 62°30'

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	
CVVN N 2525 M16-4CD-C	25	25	150	45	12,5	VNGN 1604..	0,750
CVVN N 2525 M16-7CD-C	25	25	150	45	12,5	VNGN 1607..	0,750
CVVN N 3225 P16-4CD-C	32	25	170	45	12,5	VNGN 1604..	1,050
CVVN N 3225 P16-7CD-C	32	25	170	45	12,5	VNGN 1607..	1,050
CVVN N 2525 M16-4CX-C	25	25	150	45	12,5	VNGX 1604..	0,750
CVVN N 2525 M16-7CX-C	25	25	150	45	12,5	VNGX 1607..	0,750
CVVN N 3225 P16-4CX-C	32	25	170	45	12,5	VNGX 1604..	1,050
CVVN N 3225 P16-7CX-C	32	25	170	45	12,5	VNGX 1607..	1,050

Reference Bezeichnung							Nm
CVVN N 2525 M16-4CD-C	IVSN 342-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVVN N 2525 M16-7CD-C	IVSN 322-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVVN N 3225 P16-4CD-C	IVSN 342-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVVN N 3225 P16-7CD-C	IVSN 322-C	1150-C	9416-C	2417-C	-	5004-C	3.5
CVVN N 2525 M16-4CX-C	IVSN 342-C	1150-C	-	-	2428-C	5004-C	3.5
CVVN N 2525 M16-7CX-C	IVSN 322-C	1150-C	-	-	2428-C	5004-C	3.5
CVVN N 3225 P16-4CX-C	IVSN 342-C	1150-C	-	-	2428-C	5004-C	3.5
CVVN N 3225 P16-7CX-C	IVSN 322-C	1150-C	-	-	2428-C	5004-C	3.5

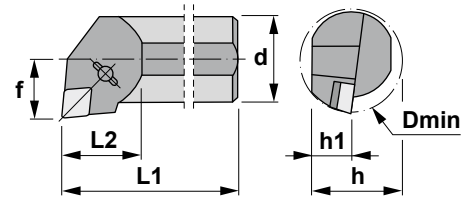
VNG..		35° rhombic negative inserts 35° rhombische negative Wendeschneidplatten					VNGN
Reference / Bez.	l	s	d				
VNG.. 1604..	16,50	4,76	9,52				
VNG.. 1607..	16,50	7,94	9,52				



Characteristics:

Multipurpose boring bar equipped with rhombic negative double-sided insert (angle 80°).

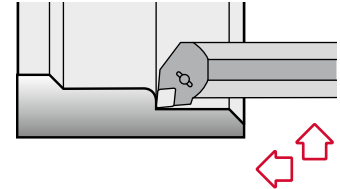
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Bohrstange mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CCLN 95°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	KG
S32S CCLN R/L 12-7CD-C	32	15,0	250	40	22	30	40	CNGN 1207..	1,450
S40T CCLN R/L 12-4CD-C	40	18,5	300	35	27	37	70	CNGN 1204..	2,700
S40T CCLN R/L 12-7CD-C	40	18,5	300	35	27	37	70	CNGN 1207..	2,700
S50U CCLN R/L 12-4CD-C	50	23,5	350	38	32	47	70	CNGN 1204..	4,950
S50U CCLN R/L 12-7CD-C	50	23,5	350	38	32	47	70	CNGN 1207..	4,950
S32S CCLN R/L 12-7CX-C	32	15,0	250	40	22	30	40	CNGX 1207..	1,450
S40T CCLN R/L 12-4CX-C	40	18,5	300	35	27	37	70	CNGX 1204..	2,700
S40T CCLN R/L 12-7CX-C	40	18,5	300	35	27	37	70	CNGX 1207..	2,700
S50U CCLN R/L 12-4CX-C	50	23,5	350	38	32	47	70	CNGX 1204..	4,950
S50U CCLN R/L 12-7CX-C	50	23,5	350	38	32	47	70	CNGX 1207..	4,950

Reference Bezeichnung								Nm
S32S CCLN R/L 12-7CD-C	-	-	9414-C	2417-C	-	5004-C	3.5	
S40T CCLN R/L 12-4CD-C	ICSN 454-C	1161-C	9414-C	2417-C	-	5004-C	3.5	
S40T CCLN R/L 12-7CD-C	ICSN 434-C	1161-C	9414-C	2417-C	-	5004-C	3.5	
S50U CCLN R/L 12-4CD-C	ICSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5	
S50U CCLN R/L 12-7CD-C	ICSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5	
S32S CCLN R/L 12-7CX-C	-	-	-	-	2415-C	5004-C	3.5	
S40T CCLN R/L 12-4CX-C	ICSN 454-C	1161-C	-	-	2415-C	5004-C	3.5	
S40T CCLN R/L 12-7CX-C	ICSN 434-C	1161-C	-	-	2415-C	5004-C	3.5	
S50U CCLN R/L 12-4CX-C	ICSN 454-C	1160-C	-	-	2415-C	5004-C	3.5	
S50U CCLN R/L 12-7CX-C	ICSN 434-C	1160-C	-	-	2415-C	5004-C	3.5	

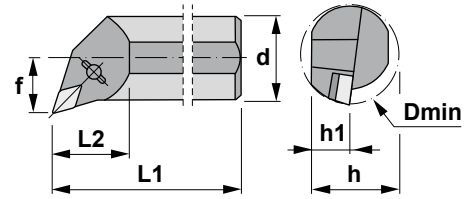
CNG.. 80° rhombic negative inserts 80° rhombische negative Wendeschneidplatten									
Reference / Bez.	l	s	d						
CNG.. 1204..	12,90	4,76	12,70						
CNG.. 1207..	12,90	7,94	12,70						



Characteristics:

Profiling boring bar equipped with rhombic negative double-sided insert (angle 55°).

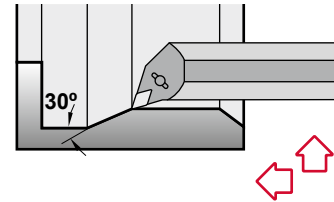
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



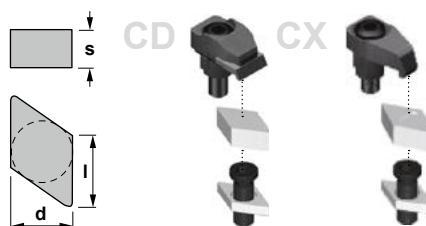
CDQN 107°30'

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	KG
S32S CDQN R/L 12-7CD-C	32	15,0	250	40	22	30	50	DNGN 1207..	1,450
S40T CDQN R/L 12-4CD-C	40	18,5	300	35	27	37	70	DNGN 1204..	2,700
S40T CDQN R/L 12-7CD-C	40	18,5	300	35	27	37	70	DNGN 1207..	2,700
S50U CDQN R/L 15-CD-C	50	23,5	350	38	32	47	70	DNGN 1507..	4,950
S32S CDQN R/L 12-7CX-C	32	15,0	250	40	22	30	50	DNGX 1207..	1,450
S40T CDQN R/L 12-4CX-C	40	18,5	300	35	27	37	70	DNGX 1204..	2,700
S40T CDQN R/L 12-7CX-C	40	18,5	300	35	27	37	70	DNGX 1207..	2,700
S50U CDQN R/L 15-CX-C	50	23,5	350	38	32	47	70	DNGX 1507..	4,950

Reference Bezeichnung							Nm	
S32S CDQN R/L 12-7CD-C	-	-	-	9414-C	2413-C	-	5004-C	3.5
S40T CDQN R/L 12-4CD-C	IDSN 354-C	1151-C	-	9414-C	2413-C	-	5004-C	3.5
S40T CDQN R/L 12-7CD-C	IDSN 334-C	1151-C	-	9414-C	2413-C	-	5004-C	3.5
S50U CDQN R/L 15-CD-C	IDSN 432-C	1160-C	-	9414-C	2417-C	-	5004-C	3.5
S32S CDQN R/L 12-7CX-C	-	-	-	-	-	2415-C	5004-C	3.5
S40T CDQN R/L 12-4CX-C	IDSN 354-C	1151-C	-	-	-	2415-C	5004-C	3.5
S40T CDQN R/L 12-7CX-C	IDSN 334-C	1151-C	-	-	-	2415-C	5004-C	3.5
S50U CDQN R/L 15-CX-C	IDSN 432-C	1160-C	-	-	-	2432-C	5004-C	3.5

DNG.. 55° rhombic negative inserts
55° rhombische negative Wendeschneidplatten

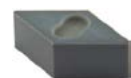
Reference / Bez.	l	s	d
DNG.. 1204..	12,20	4,76	10,00
DNG.. 1207..	12,20	7,94	10,00
DNG.. 1507..	15,50	7,94	12,70



DNGN



DNGX

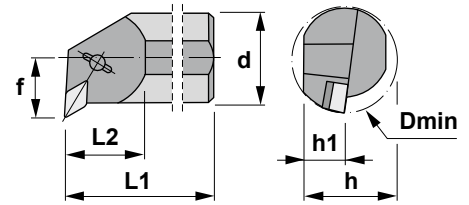




Characteristics:

Profiling boring bar equipped with rhombic negative double-sided insert (angle 55°).

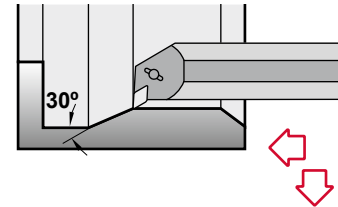
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CDUN 93°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	
S32S CDUN R/L 12-7CD-C	32	15,0	250	40	22	30	40	DNGN 1207..	1,450
S40T CDUN R/L 12-4CD-C	40	18,5	300	50	27	37	70	DNGN 1204..	2,700
S40T CDUN R/L 12-7CD-C	40	18,5	300	50	27	37	70	DNGN 1207..	2,700
S50U CDUN R/L 15-CD-C	50	23,5	350	50	32	47	70	DNGN 1507..	4,950
S32S CDUN R/L 12-7CX-C	32	15,0	250	40	22	30	40	DNGX 1207..	1,450
S40T CDUN R/L 12-4CX-C	40	18,5	300	50	27	37	70	DNGX 1204..	2,700
S40T CDUN R/L 12-7CX-C	40	18,5	300	50	27	37	70	DNGX 1207..	2,700
S50U CDUN R/L 15-CX-C	50	23,5	350	50	32	47	70	DNGX 1507..	4,950

Reference Bezeichnung							Nm
S32S CDUN R/L 12-7CD-C	-	-	9416-C	2413-C	-	5004-C	3.5
S40T CDUN R/L 12-4CD-C	IDSN 354-C	1151-C	9416-C	2413-C	-	5004-C	3.5
S40T CDUN R/L 12-7CD-C	IDSN 334-C	1151-C	9416-C	2413-C	-	5004-C	3.5
S50U CDUN R/L 15-CD-C	IDSN 432-C	1160-C	9416-C	2417-C	-	5004-C	3.5
S32S CDUN R/L 12-7CX-C	-	-	-	-	2415-C	5004-C	3.5
S40T CDUN R/L 12-4CX-C	IDSN 354-C	1151-C	-	-	2415-C	5004-C	3.5
S40T CDUN R/L 12-7CX-C	IDSN 334-C	1151-C	-	-	2415-C	5004-C	3.5
S50U CDUN R/L 15-CX-C	IDSN 432-C	1160-C	-	-	2432-C	5004-C	3.5

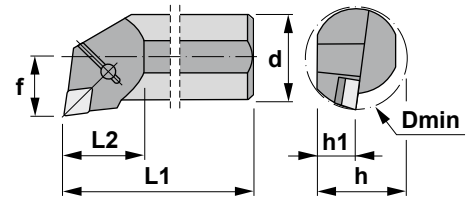
DNG.. 55° rhombic negative inserts 55° rhombische negative Wendeschneidplatten						DNGN
Reference / Bez.	l	s	d			
DNG.. 1204..	12,20	4,76	10,00			DNGX
DNG.. 1207..	12,20	7,94	10,00			
DNG.. 1507..	15,50	7,94	12,70			



Characteristics:

Multipurpose boring bar equipped with rhombic negative double-sided insert (angle 75°).

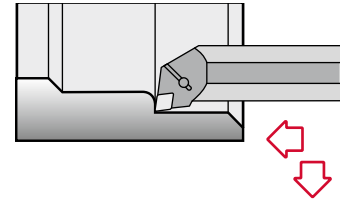
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Bohrstange mit einer doppelseitigen rhombischen Wendeschneidplatte (75° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CELN 97°30'

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S40T CELN R/L 13-CD-C	40	18,5	300	32	27	37	50	ENGN 1307..	2,700
S50U CELN R/L 13-CD-C	50	23,5	350	32	35	47	63	ENGN 1307..	4,950

Reference Bezeichnung						Nm
S40T CELN R/L 13-CD-C	IESN 432	1161	9414	2417	5004	3.5
S50U CELN R/L 13-CD-C	IESN 432	1160	9414	2417	5004	3.5

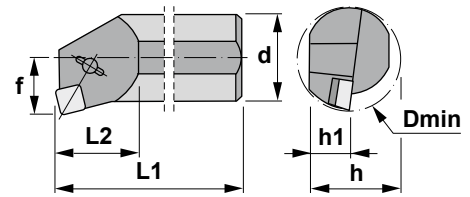
ENGN		75° rhombic negative insert 75° rhombische negative Wendeschneidplatte					ENGN	
Reference / Bez.	l	s	d					
ENGN 1307..	13,12	7,94	12,70					



Characteristics:

Boring bar for internal turning applications equipped with square negative inserts.

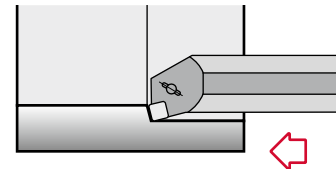
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Innendrehen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSKN 75°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S32S CSKN R/L 12-7CD-C	32	15,0	250	40	22	30	40	SNGN 1207..	1,450
S40T CSKN R/L 12-4CD-C	40	18,5	300	67	27	37	70	SNGN 1204..	2,700
S40T CSKN R/L 12-7CD-C	40	18,5	300	67	27	37	70	SNGN 1207..	2,700
S50U CSKN R/L 12-4CD-C	50	23,5	350	67	35	47	70	SNGN 1204..	4,950
S50U CSKN R/L 12-7CD-C	50	23,5	350	67	35	47	70	SNGN 1207..	4,950
S32S CSKN R/L 12-7CX-C	32	15,0	250	40	22	30	40	SNGX 1207..	1,450
S40T CSKN R/L 12-4CX-C	40	18,5	300	67	27	37	70	SNGX 1204..	2,700
S40T CSKN R/L 12-7CX-C	40	18,5	300	67	27	37	70	SNGX 1207..	2,700
S50U CSKN R/L 12-4CX-C	50	23,5	350	67	35	47	70	SNGX 1204..	4,950
S50U CSKN R/L 12-7CX-C	50	23,5	350	67	35	47	70	SNGX 1207..	4,950

Reference Bezeichnung							Nm
S32S CSKN R/L 12-7CD-C	-	-	9414-C	2417-C	-	5004-C	3.5
S40T CSKN R/L 12-4CD-C	ISSN 454-C	1161-C	9414-C	2417-C	-	5004-C	3.5
S40T CSKN R/L 12-7CD-C	ISSN 434-C	1161-C	9414-C	2417-C	-	5004-C	3.5
S50U CSKN R/L 12-4CD-C	ISSN 454-C	1160-C	9414-C	2417-C	-	5004-C	3.5
S50U CSKN R/L 12-7CD-C	ISSN 434-C	1160-C	9414-C	2417-C	-	5004-C	3.5
S32S CSKN R/L 12-7CX-C	-	-	-	-	2415-C	5004-C	3.5
S40T CSKN R/L 12-4CX-C	ISSN 454-C	1161-C	-	-	2415-C	5004-C	3.5
S40T CSKN R/L 12-7CX-C	ISSN 434-C	1161-C	-	-	2415-C	5004-C	3.5
S50U CSKN R/L 12-4CX-C	ISSN 454-C	1160-C	-	-	2415-C	5004-C	3.5
S50U CSKN R/L 12-7CX-C	ISSN 434-C	1160-C	-	-	2415-C	5004-C	3.5

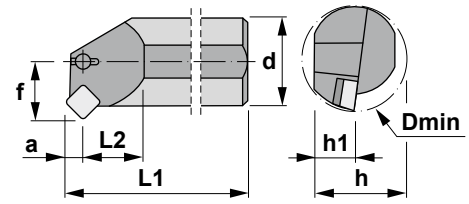
SNG.. Square negative inserts Vierkantige negative WSP						SNGN	
Reference / Bez.	l	s	d				
SNG.. 1204..	12,70	4,76	12,70				
SNG.. 1207..	12,70	7,94	12,70				



Characteristics:

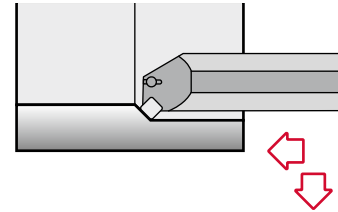
Boring bar for internal turning and chamfering applications equipped with square negative inserts.

For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Innendrehen und Anfasen mit einer vierkantigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSSN 45°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S32S CSSN R/L 12-7CD-C	32	15,0	250	40	22	30	40	SNGN 1207..	1,450
S40T CSSN R/L 12-4CD-C	40	18,5	300	50	27	37	70	SNGN 1204..	2,700
S40T CSSN R/L 12-7CD-C	40	18,5	300	50	27	37	70	SNGN 1207..	2,700
S50U CSSN R/L 15-CD-C	50	23,5	350	50	32	47	70	SNGN 1507..	4,950
S32S CSSN R/L 12-7CX-C	32	15,0	250	40	22	30	40	SNGX 1207..	1,450
S40T CSSN R/L 12-4CX-C	40	18,5	300	50	27	37	70	SNGX 1204..	2,700
S40T CSSN R/L 12-7CX-C	40	18,5	300	50	27	37	70	SNGX 1207..	2,700
S50U CSSN R/L 15-CX-C	50	23,5	350	50	32	47	70	SNGX 1507..	4,950

Reference Bezeichnung							Nm
S32S CSSN R/L 12-7CD-C	-	-	9414-C	2417-C	-	5004-C	3.5
S40T CSSN R/L 12-4CD-C	ISSN 454-C	1161-C	9414-C	2417-C	-	5004-C	3.5
S40T CSSN R/L 12-7CD-C	ISSN 434-C	1161-C	9414-C	2417-C	-	5004-C	3.5
S50U CSSN R/L 15-CD-C	ISSN 534-C	1180-C	9414-C	2417-C	-	5004-C	3.5
S32S CSSN R/L 12-7CX-C	-	-	-	-	2415-C	5004-C	3.5
S40T CSSN R/L 12-4CX-C	ISSN 454-C	1161-C	-	-	2415-C	5004-C	3.5
S40T CSSN R/L 12-7CX-C	ISSN 434-C	1161-C	-	-	2415-C	5004-C	3.5
S50U CSSN R/L 15-CX-C	ISSN 534-C	1180-C	-	-	2415-C	5004-C	3.5

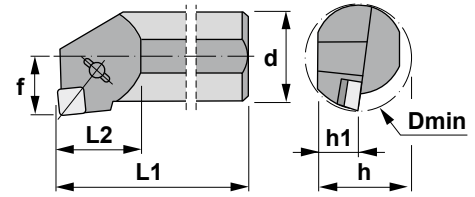
SNG.. Square negative inserts Vierkantige negative WSP						SNGN	
Reference / Bez.	l	s	d				
SNG.. 1204..	12,70	4,76	12,70				
SNG.. 1207..	12,70	7,94	12,70				
SNG.. 1507..	15,87	7,94	15,87				



Characteristics:

Boring bar for internal turning applications equipped with square negative inserts.

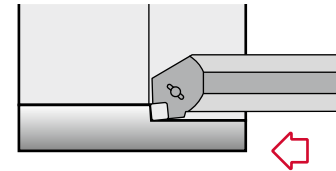
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Innendrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSYN 85°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	KG
S32S CSYN R/L 12-7CD-C	32	15,0	250	40	22	30	40	SNGN 1207..	1,450
S40T CSYN R/L 12-4CD-C	40	18,5	300	67	27	37	70	SNGN 1204..	2,700
S40T CSYN R/L 12-7CD-C	40	18,5	300	67	27	37	70	SNGN 1207..	2,700
S50U CSYN R/L 12-4CD-C	50	23,5	350	67	35	47	70	SNGN 1204..	4,950
S50U CSYN R/L 12-7CD-C	50	23,5	350	67	35	47	70	SNGN 1207..	4,950
S32S CSYN R/L 12-7CX-C	32	15,0	250	40	22	30	40	SNGX 1207..	1,450
S40T CSYN R/L 12-4CX-C	40	18,5	300	67	27	37	70	SNGX 1204..	2,700
S40T CSYN R/L 12-7CX-C	40	18,5	300	67	27	37	70	SNGX 1207..	2,700
S50U CSYN R/L 12-4CX-C	50	23,5	350	67	35	47	70	SNGX 1204..	4,950
S50U CSYN R/L 12-7CX-C	50	23,5	350	67	35	47	70	SNGX 1207..	4,950

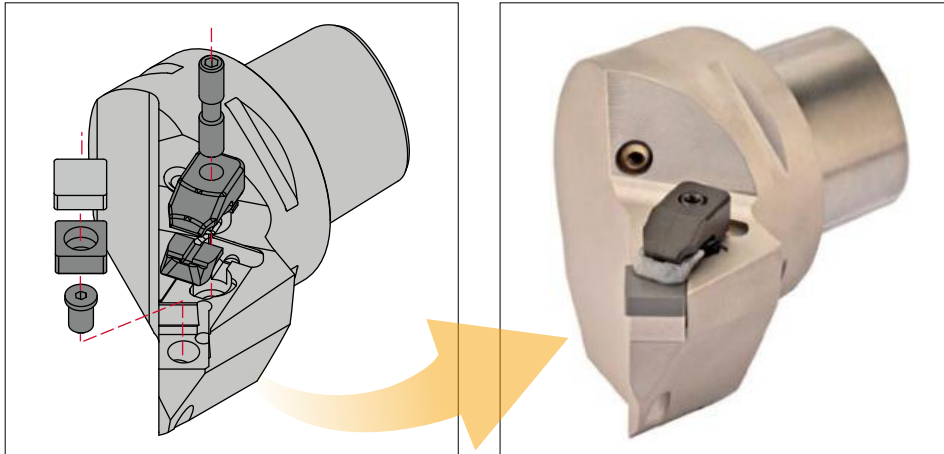
Reference Bezeichnung								Nm
S32S CSYN R/L 12-7CD-C	-	-	-	9414-C	2417-C	-	5004-C	3.5
S40T CSYN R/L 12-4CD-C	ISSN 454-C	ISSN 1161-C	ISSN 9414-C	2417-C	-	5004-C	3.5	
S40T CSYN R/L 12-7CD-C	ISSN 434-C	ISSN 1161-C	ISSN 9414-C	2417-C	-	5004-C	3.5	
S50U CSYN R/L 12-4CD-C	ISSN 454-C	ISSN 1160-C	ISSN 9414-C	2417-C	-	5004-C	3.5	
S50U CSYN R/L 12-7CD-C	ISSN 434-C	ISSN 1160-C	ISSN 9414-C	2417-C	-	5004-C	3.5	
S32S CSYN R/L 12-7CX-C	-	-	-	-	2415-C	5004-C	3.5	
S40T CSYN R/L 12-4CX-C	ISSN 454-C	ISSN 1161-C	-	-	2415-C	5004-C	3.5	
S40T CSYN R/L 12-7CX-C	ISSN 434-C	ISSN 1161-C	-	-	2415-C	5004-C	3.5	
S50U CSYN R/L 12-4CX-C	ISSN 454-C	ISSN 1160-C	-	-	2415-C	5004-C	3.5	
S50U CSYN R/L 12-7CX-C	ISSN 434-C	ISSN 1160-C	-	-	2415-C	5004-C	3.5	

SNG..				Square negative inserts Vierkantige negative WSP				SNGN	
Reference / Bez.	l	s	d						
SNG.. 1204..	12,70	4,76	12,70						
SNG.. 1207..	12,70	7,94	12,70						

(C) Top clamp / Flachklemmung

This classic negative insert clamping system is designed to hold ceramic flat negative inserts, both with additional or sintered chipbreaker.

Diese klassische Klemmung für negativen Wendeschnidplatten wurde so entwickelt, damit gesinterte und zusätzliche Spannbrecher mit flachen negativen Keramik-Wendeschnidplatten eingesetzt werden können.

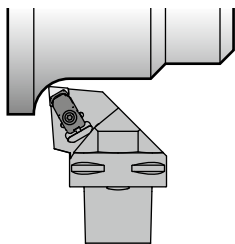


**All clamping systems
in the same body.**

**Alle Klemmsysteme
im gleichen Grundhalter!**

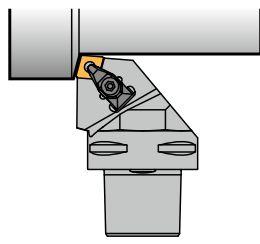
**Top clamp
Flachklemmung**

C



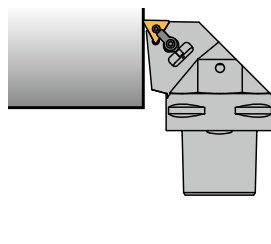
**Dimple Lock
Muldenklemmung**

D



**Double lock
Doppeltklemmung**

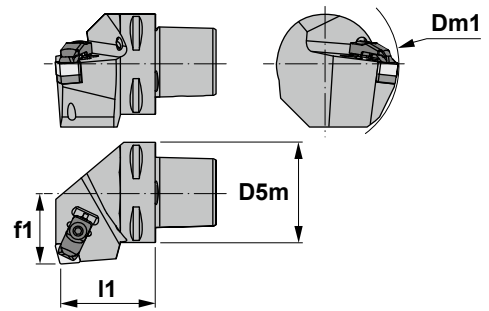
M





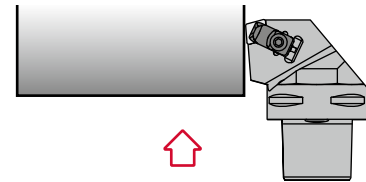
Characteristics:
Toolholder for face turning applications equipped with rhombic negative inserts (angle 80°).
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Plandrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CCKN 75°

Reference Bezeichnung	D5m	Dm1 min.	f1	l1	γ^1	λ_{s2}	Insert size Wendeschneidplatte	kg
PSC40-CCKNR/L27050-12-4-C	40	110	27	50	-6°	-6°	CNGN 1204..	0,420
PSC40-CCKNR/L27050-12-7-C	40	110	27	50	-6°	-6°	CNGN 1207..	0,420
PSC50-CCKNR/L35060-12-4-C	50	110	35	60	-6°	-6°	CNGN 1204..	0,800
PSC50-CCKNR/L35060-12-7-C	50	110	35	60	-6°	-6°	CNGN 1207..	0,800
PSC63-CCKNR/L45065-12-4-C	63	110	45	65	-6°	-6°	CNGN 1204..	1,100
PSC63-CCKNR/L45065-12-7-C	63	110	45	65	-6°	-6°	CNGN 1207..	1,100
PSC40-CCKNR/L27050-16-C	40	125	27	50	-6°	-6°	CNGN 1607..	0,420
PSC50-CCKNR/L35060-16-C	50	125	35	60	-6°	-6°	CNGN 1607..	0,800
PSC63-CCKNR/L45065-16-C	63	125	45	65	-6°	-6°	CNGN 1607..	1,100
PSC63-CCKNR/L45065-19-C	63	125	45	65	-6°	-6°	CNGN 1907..	1,100
PSC80-CCKNR/L55080-19-C	80	125	55	80	-6°	-6°	CNGN 1907..	2,740

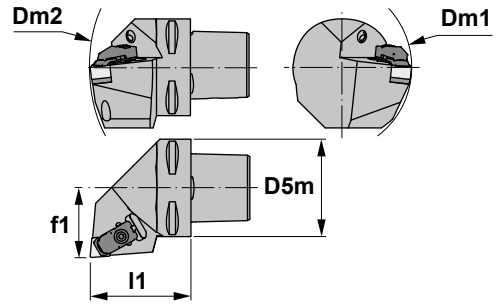
Reference Bezeichnung							Nm
PSC40-CCKNR/L27050-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CCKNR/L27050-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCKNR/L35060-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCKNR/L35060-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCKNR/L45065-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCKNR/L45065-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CCKNR/L27050-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCKNR/L35060-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCKNR/L45065-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCKNR/L45065-19-C	1770-C	ICSN-623-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC80-CCKNR/L55080-19-C	1770-C	ICSN-623-C	9414-C	2713-C	1086-C	5003-C	3.0

CNGN <small>80° rhombic negative insert 80° rhombische negative Wendeschneidplatte</small>						
Reference / Bez.	l	s	d			
CNGN 1204..	12,90	4,76	12,70			
CNGN 1207..	12,90	7,94	12,70			
CNGN 1607..	16,10	7,94	15,88			
CNGN 1907..	19,30	7,94	19,05			



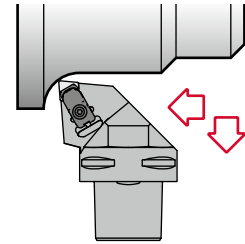
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CCLN 95°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	KG
PSC40-CCLNR/L27050-12-4-C	40	110	140	27	50	-6°	-6°	CNGN 1204..	0,420
PSC40-CCLNR/L27050-12-7-C	40	110	140	27	50	-6°	-6°	CNGN 1207..	0,420
PSC50-CCLNR/L35060-12-4-C	50	110	165	35	60	-6°	-6°	CNGN 1204..	0,800
PSC50-CCLNR/L35060-12-7-C	50	110	165	35	60	-6°	-6°	CNGN 1207..	0,800
PSC63-CCLNR/L45065-12-4-C	63	110	190	45	65	-6°	-6°	CNGN 1204..	1,100
PSC63-CCLNR/L45065-12-7-C	63	110	190	45	65	-6°	-6°	CNGN 1207..	1,100
PSC63-CCLNR/L45065-16-C	63	125	190	45	65	-6°	-6°	CNGN 1607..	1,100
PSC80-CCLNR/L55080-16-C	80	125	250	55	80	-6°	-6°	CNGN 1607..	2,740

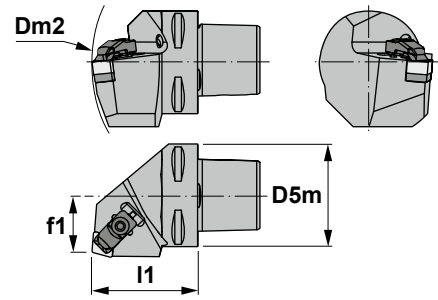
Reference Bezeichnung							Nm
PSC40-CCLNR/L27050-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CCLNR/L27050-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCLNR/L35060-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCLNR/L35060-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCLNR/L45065-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCLNR/L45065-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCLNR/L45065-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC80-CCLNR/L55080-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0

CNGN				80° rhombic negative insert 80° rhombische negative Wendeschneidplatte		CNGN	
Reference / Bez.	l	s	d				
CNGN 1204..	12,90	4,76	12,70				
CNGN 1207..	12,90	7,94	12,70				
CNGN 1607..	16,10	7,94	15,88				
CNGN 1907..	19,30	7,94	19,05				



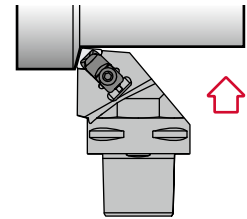
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CCRN 75°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	
PSC40-CCRN/L22050-12-4-C	40	140	22	50	-6°	-6°	CNGN 1204..	0,420
PSC40-CCRN/L22050-12-7-C	40	140	22	50	-6°	-6°	CNGN 1207..	0,420
PSC50-CCRN/L27060-12-4-C	50	165	27	60	-6°	-6°	CNGN 1204..	0,800
PSC50-CCRN/L27060-12-7-C	50	165	27	60	-6°	-6°	CNGN 1207..	0,800
PSC63-CCRN/L35065-12-4-C	63	190	35	65	-6°	-6°	CNGN 1204..	1,400
PSC63-CCRN/L35065-12-7-C	63	190	35	65	-6°	-6°	CNGN 1207..	1,400
PSC50-CCRN/L27060-16-C	50	165	27	60	-6°	-6°	CNGN 1607..	0,800
PSC63-CCRN/L35065-16-C	63	190	35	65	-6°	-6°	CNGN 1607..	1,400
PSC80-CCRN/L55080-16-C	80	250	55	80	-6°	-6°	CNGN 1607..	2,740
PSC50-CCRN/L27060-19-C	50	165	27	60	-6°	-6°	CNGN 1907..	0,800
PSC63-CCRN/L35065-19-C	63	190	35	65	-6°	-6°	CNGN 1907..	1,400
PSC80-CCRN/L55080-19-C	80	250	55	80	-6°	-6°	CNGN 1907..	2,740

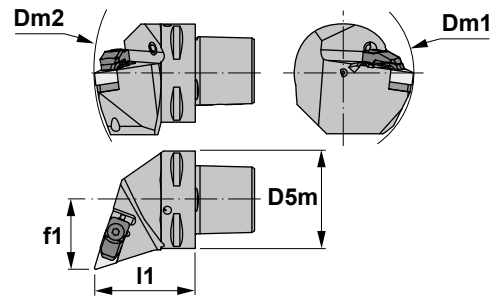
Reference Bezeichnung							Nm
PSC40-CCRN/L22050-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CCRN/L22050-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCRN/L27060-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCRN/L27060-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCRN/L35065-12-4-C	1766-C	ICSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCRN/L35065-12-7-C	1766-C	ICSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCRN/L27060-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCRN/L35065-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC80-CCRN/L55080-16-C	1768-C	ICSN-523-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CCRN/L27060-19-C	1770-C	ICSN-623-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CCRN/L35065-19-C	1770-C	ICSN-623-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC80-CCRN/L55080-19-C	1770-C	ICSN-623-C	9414-C	2713-C	1086-C	5003-C	3.0

CNGN 80° rhombic negative insert 80° rhombische negative Wendeschneidplatte						
Reference / Bez.	l	s	d			
CNGN 1204..	12,90	4,76	12,70			
CNGN 1207..	12,90	7,94	12,70			
CNGN 1607..	16,10	7,94	15,88			
CNGN 1907..	19,30	7,94	19,05			



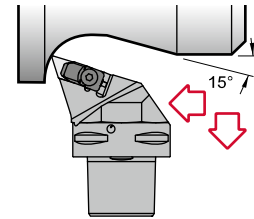
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Drehen und Kopierdrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatten (Winkel 55°). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CDHN 107° 30'

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ 1)	λ_s 2)	Insert size Wendeschneidplatte	
PSC40-CDHNR/L27055-15-C	40	110	145	27	50	-6°	-7°	DNGN 1507..	0,430
PSC50-CDHNR/L35060-15-C	50	110	165	35	60	-6°	-7°	DNGN 1507..	0,800
PSC63-CDHNR/L45065-15-C	63	110	190	45	65	-6°	-7°	DNGN 1507..	1,100
PSC80-CDHNR/L55080-15-C	80	110	250	55	80	-6°	-7°	DNGN 1507..	2,740

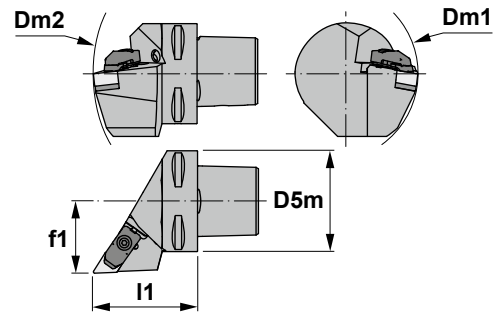
Reference Bezeichnung							Nm
PSC40-CDHNR/L27055-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC50-CDHNR/L35060-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC63-CDHNR/L45065-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC80-CDHNR/L55080-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0

DNGN				55° rhombic negative insert 55° rhombische negative Wendeschneidplatte			
Reference / Bez.	l	s	d				
DNGN 1507..	15,50	7,94	12,70				



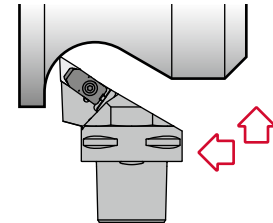
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CDJN 93°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CDJNR/L27055-15-C	40	110	145	27	50	-6°	-7°	DNGN 1507..	0,430
PSC50-CDJNR/L35060-15-C	50	110	165	35	60	-6°	-7°	DNGN 1507..	0,800
PSC63-CDJNR/L45065-15-C	63	110	190	45	65	-6°	-7°	DNGN 1507..	1,100
PSC80-CDJNR/L55080-15-C	80	110	250	55	80	-6°	-7°	DNGN 1507..	2,740

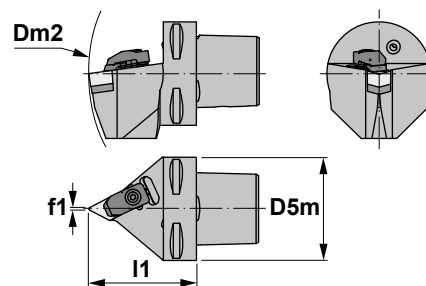
Reference Bezeichnung							Nm
PSC40-CDJNR/L27055-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC50-CDJNR/L35060-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC63-CDJNR/L45065-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC80-CDJNR/L55080-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0

DNGN				55° rhombic negative insert 55° rhombische negative Wendeschneidplatte		DNGN	
Reference / Bez.	l	s	d				
DNGN 1507..	15,50	7,94	12,70				



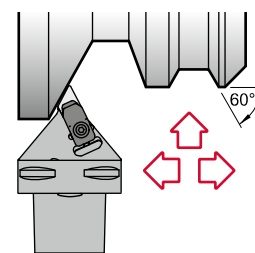
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CDNN 63°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	kg
PSC40-CDNNN00055-15-C	40	145	0.5	50	-5°	-9°	DNGN 1507..	0,370
PSC50-CDNNN00060-15-C	50	165	0.5	60	-5°	-9°	DNGN 1507..	0,750
PSC63-CDNNN00065-15-C	63	190	0.5	65	-5°	-9°	DNGN 1507..	1,070
PSC80-CDNNN00080-15-C	80	250	0.5	80	-5°	-9°	DNGN 1507..	2,320

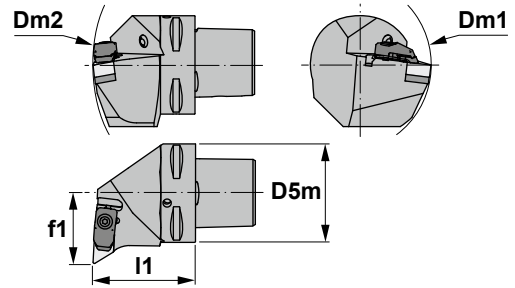
Reference Bezeichnung							Nm
PSC40-CDNNN00055-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC50-CDNNN00060-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC63-CDNNN00065-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC80-CDNNN00080-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0

DNGN				55° rhombic negative insert 55° rhombische negative Wendeschneidplatte		DNGN	
Reference / Bez.	l	s	d				
DNGN 1507..	15,50	7,94	12,70				

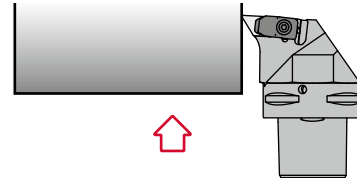


Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Drehen und Kopierdrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°). PSC mit Innenkühlung.



- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.

CDUN 93°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CDUNR/L27050-15-C	40	110	140	27	50	-6°	-7°	DNGN 1507..	0,420
PSC50-CDUNR/L35060-15-C	50	110	165	35	60	-6°	-7°	DNGN 1507..	0,800
PSC63-CDUNR/L45065-15-C	63	110	190	45	65	-6°	-7°	DNGN 1507..	1,100
PSC80-CDUNR/L55080-15-C	80	110	250	55	80	-6°	-7°	DNGN 1507..	2,740

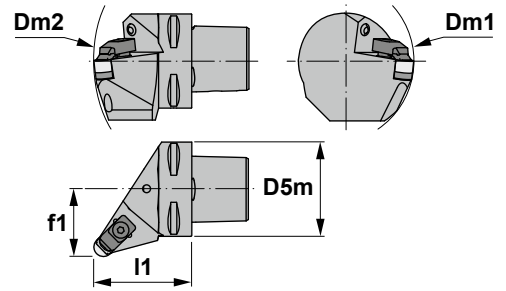
Reference Bezeichnung							Nm
PSC40-CDUNR/L27050-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC50-CDUNR/L35060-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC63-CDUNR/L45065-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0
PSC80-CDUNR/L55080-15-C	1766-C	IDSN-422-C	9416-C	2717-C	1086-C	5003-C	3.0

DNGN				55° rhombic negative insert 55° rhombische negative Wendeschneidplatte		DNGN	
Reference / Bez.	l	s	d				
DNGN 1507..	15,50	7,94	12,70				



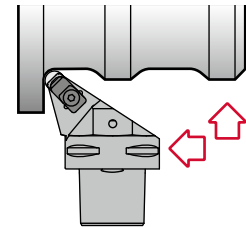
Characteristics:
Profiling multipurpose turning toolholder equipped with round negative insert.
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CRSN

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	$\gamma^1)$	$\lambda_s^2)$	Insert size Wendeschneidplatte	
PSC40-CRSNR/L27050-12-4-C	40	110	140	27	50	-6°	-6°	RNGN 1204..	0,420
PSC40-CRSNR/L27050-12-7-C	40	110	140	27	50	-6°	-6°	RNGN 1207..	0,420
PSC50-CRSNR/L35060-12-4-C	50	110	165	35	60	-6°	-6°	RNGN 1204..	0,800
PSC50-CRSNR/L35060-12-7-C	50	110	165	35	60	-6°	-6°	RNGN 1207..	0,800
PSC63-CRSNR/L45065-12-4-C	63	110	190	45	65	-6°	-6°	RNGN 1204..	1,100
PSC63-CRSNR/L45065-12-7-C	63	110	190	45	65	-6°	-6°	RNGN 1207..	1,100

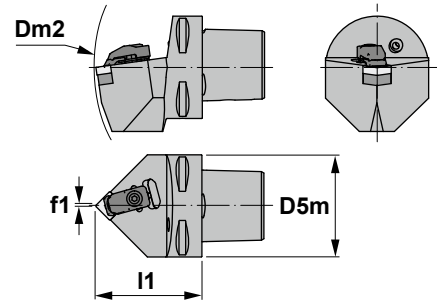
Reference Bezeichnung							Nm
PSC40-CRSNR/L27050-12-4-C	1766-C	IRSN 44-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CRSNR/L27050-12-7-C	1766-C	IRSN 42-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CRSNR/L35060-12-4-C	1766-C	IRSN 44-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CRSNR/L35060-12-7-C	1766-C	IRSN 42-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CRSNR/L45065-12-4-C	1766-C	IRSN 44-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CRSNR/L45065-12-7-C	1766-C	IRSN 42-C	9414-C	2713-C	1086-C	5003-C	3.0

RNGN <small>Round negative insert Runde negative Wendeschneidplatte</small>					RNGN
Reference / Bez.	s	d			
RNGN 1204..	4,76	12,70			
RNGN 1207..	7,94	12,70			



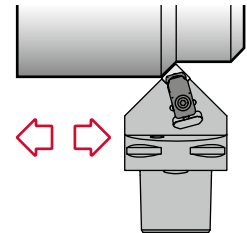
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative insert.
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Außendrehen und Anfasen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CSDN 45°

Reference Bezeichnung	D5m	Dm2 min.	f1	I1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CSDNN00050-12-4-C	40	140	0.3	50	-6°	-6°	SNGN 1204..	0,350
PSC40-CSDNN00050-12-7-C	40	140	0.3	50	-6°	-6°	SNGN 1207..	0,350
PSC50-CSDNN00060-12-4-C	50	165	0.3	60	-6°	-6°	SNGN 1204..	0,750
PSC50-CSDNN00060-12-7-C	50	165	0.3	60	-6°	-6°	SNGN 1207..	0,750
PSC63-CSDNN00065-12-4-C	63	190	0.3	65	-6°	-6°	SNGN 1204..	1,070
PSC63-CSDNN00065-12-7-C	63	190	0.3	65	-6°	-6°	SNGN 1207..	1,070

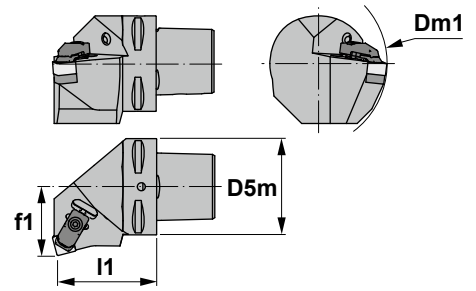
Reference Bezeichnung							Nm
PSC40-CSDNN00050-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CSDNN00050-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSDNN00060-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSDNN00060-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSDNN00065-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSDNN00065-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0

SNGN Square negative insert Vierkantige negative Wendeschneidplatte						SNGN	
Reference / Bez.	l	s	d				
SNGN 1204..	12,70	4,76	12,70				
SNGN 1207..	12,70	7,94	12,70				



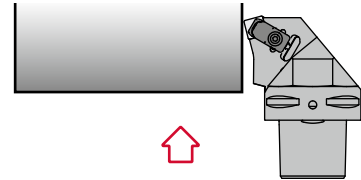
Characteristics:
Toolholder for face turning applications equipped with square negative insert and strong cutting edges.
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CSKN 75°

Reference Bezeichnung	D5m	Dm1 min.	f1	I1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CSKNR/L27050-12-4-C	40	110	27	50	-6°	-6°	SNGN 1204..	0,420
PSC40-CSKNR/L27050-12-7-C	40	110	27	50	-6°	-6°	SNGN 1207..	0,420
PSC50-CSKNR/L35060-12-4-C	50	110	35	60	-6°	-6°	SNGN 1204..	0,800
PSC50-CSKNR/L35060-12-7-C	50	110	35	60	-6°	-6°	SNGN 1207..	0,800
PSC63-CSKNR/L45065-12-4-C	63	110	45	65	-6°	-6°	SNGN 1204..	1,100
PSC63-CSKNR/L45065-12-7-C	63	110	45	65	-6°	-6°	SNGN 1207..	1,100

Reference Bezeichnung							Nm
PSC40-CSKNR/L27050-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CSKNR/L27050-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSKNR/L35060-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSKNR/L35060-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSKNR/L45065-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSKNR/L45065-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0

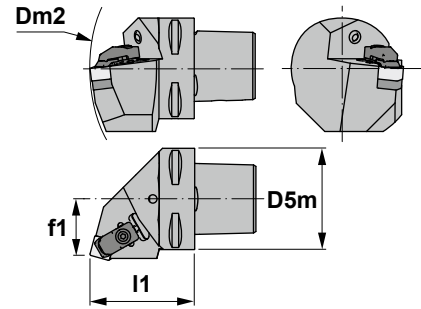
SNGN Square negative insert Vierkantige negative Wendeschneidplatte						SNGN	
Reference / Bez.	l	s	d				
SNGN 1204..	12,70	4,76	12,70				
SNGN 1207..	12,70	7,94	12,70				



Characteristics:

Toolholder for external turning applications equipped with square negative insert. PSC with internal coolant.

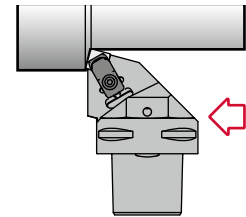
- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:

Klemmhalter zum Außendreihen mit einer vierkantigen negativen Wendeschneidplatte. PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CSRN 75°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CSRNR/L22050-12-4-C	40	140	22	50	-6°	-6°	SNGN 1204..	0,420
PSC40-CSRNR/L22050-12-7-C	40	140	22	50	-6°	-6°	SNGN 1207..	0,420
PSC50-CSRNR/L27060-12-4-C	50	165	27	60	-6°	-6°	SNGN 1204..	0,800
PSC50-CSRNR/L27060-12-7-C	50	165	27	60	-6°	-6°	SNGN 1207..	0,800
PSC63-CSRNR/L35065-12-4-C	63	190	35	65	-6°	-6°	SNGN 1204..	1,400
PSC63-CSRNR/L35065-12-7-C	63	190	35	65	-6°	-6°	SNGN 1207..	1,400

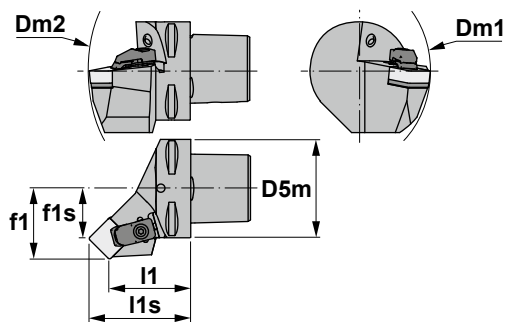
Reference Bezeichnung							Nm
PSC40-CSRNR/L22050-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CSRNR/L22050-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSRNR/L27060-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSRNR/L27060-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSRNR/L35065-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSRNR/L35065-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0

SNGN				Square negative insert Vierkantige negative Wendeschneidplatte			
Reference / Bez.	l	s	d				
SNGN 1204..	12,70	4,76	12,70				
SNGN 1207..	12,70	7,94	12,70				



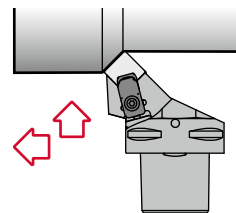
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative insert.
PSC with internal coolant.

- 1) γ = Rake angle (valid with a flat insert).
- 2) λ_s = Angle of inclination.



Eigenschaften:
Klemmhalter zum Außendrehen und Anfasen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
- 2) λ_s = Neigungswinkel.



CSSN 45°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PSC40-CSSNR/L27042-12-4-C	40	110	140	27	18.7	42	50.3	-8°	-0°	SNGN 1204..	0,350
PSC40-CSSNR/L27042-12-7-C	40	110	140	27	18.7	42	50.3	-8°	-0°	SNGN 1207..	0,350
PSC50-CSSNR/L35052-12-4-C	50	110	165	35	26.7	52	60.3	-8°	-0°	SNGN 1204..	0,700
PSC50-CSSNR/L35052-12-7-C	50	110	165	35	26.7	52	60.3	-8°	-0°	SNGN 1207..	0,700
PSC63-CSSNR/L45056-12-4-C	63	110	190	45	36.7	56	64.3	-8°	-0°	SNGN 1204..	1,120
PSC63-CSSNR/L45056-12-7-C	63	110	190	45	36.7	56	64.3	-8°	-0°	SNGN 1207..	1,120

Reference Bezeichnung							Nm
PSC40-CSSNR/L27042-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC40-CSSNR/L27042-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSSNR/L35052-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC50-CSSNR/L35052-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSSNR/L45056-12-4-C	1766-C	ISSN-442-C	9414-C	2713-C	1086-C	5003-C	3.0
PSC63-CSSNR/L45056-12-7-C	1766-C	ISSN-422-C	9414-C	2713-C	1086-C	5003-C	3.0

SNGN				Square negative insert Vierkantige negative Wendeschneidplatte		SNGN	
Reference / Bez.	l	s	d				
SNGN 1204..	12,70	4,76	12,70				
SNGN 1207..	12,70	7,94	12,70				

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