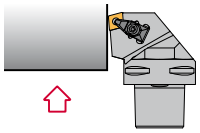
PSC

NEGATIVE TOOLHOLDERS / NEGATIVE KLEMMHALTER

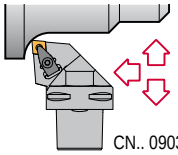
Dimple lock toolholders
Klemmhalter mit Dimple Lock-Klemmung

DCKN 75°



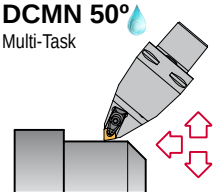
CN.. 1204..
CN.. 1606..
CN.. 1906..
Page Seite E06

DCLN 95°



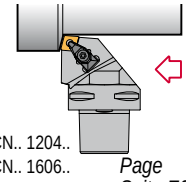
CN.. 0903..
Page Seite E07 ..
CN.. 1906..

DCMN 50°
Multi-Task



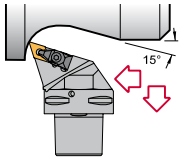
Page Seite E08
CN.. 1204..
CN.. 1606..

DCRN 75°



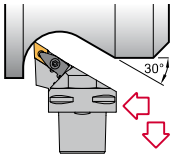
CN.. 1204..
CN.. 1606..
CN.. 1906..
Page Seite E09

DDHN 107°30'



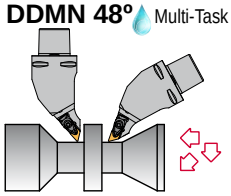
Page Seite E10
DN.. 1506..

DDJN 93°



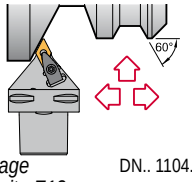
Page Seite E11
DN.. 1104..
DN.. 1506..

DDMN 48°
Multi-Task



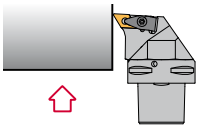
Page Seite E12
DN.. 1506..

DDNN 63°



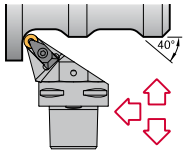
Page Seite E13
DN.. 1104..
DN.. 1506..

DDUN 93°



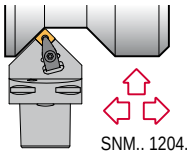
Page Seite E14
DN.. 1506..

DRSN



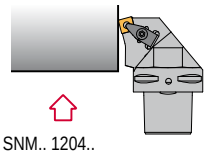
Page Seite E15
RNMG 1204..

DSDN 45°



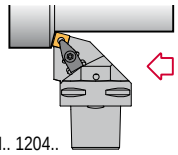
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E16

DSKN 75°



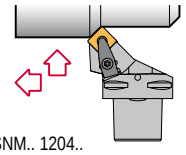
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E17

DSRN 75°



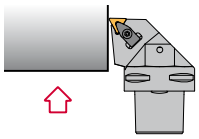
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E18

DSSN 45°



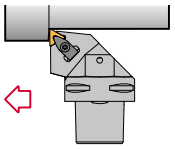
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E19

DTFN 90°



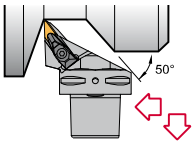
Page Seite E20
TNM.. 1604..
TNM.. 2204..

DTGN 90°



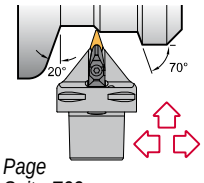
Page Seite E21
TNM.. 1604..
TNM.. 2204..

DVJN 93°



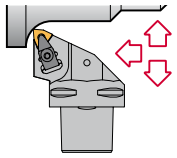
Page Seite E22
VN.. 1604..

DVVN 72°30'



Page Seite E23
VN.. 1604..

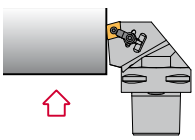
DWLN 95°



Page Seite E24
WNMG 0604..
WNMG 0804..

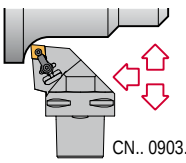
Wedge clamp / Double lock toolholders
Klemmhalter mit Pratzen- und Doppel-Klemmung

MCKN 75°



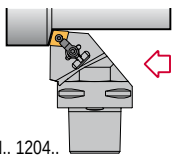
CN.. 1204..
CN.. 1606..
CN.. 1906..
Page Seite E25

MCLN 95°



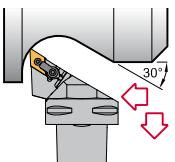
Page Seite E26
CN.. 0903..
..
CN.. 1906..

MCRN 75°



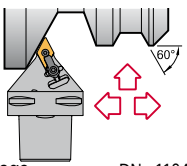
CN.. 1204..
CN.. 1606..
CN.. 1906..
Page Seite E27

MDJN 93°



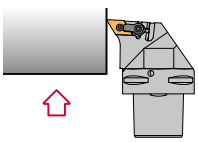
Page Seite E28
DN.. 1104..
DN.. 1506..

MDNN 63°



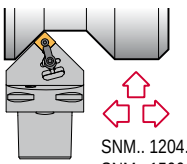
Page Seite E29
DN.. 1104..
DN.. 1506..

MDUN 93°



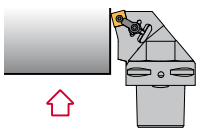
Page Seite E30
DN.. 1506..

MSDN 45°



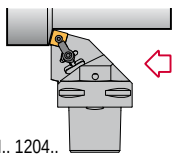
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E31

MSKN 75°



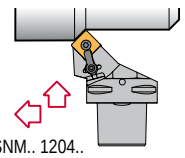
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E32

MSRN 75°



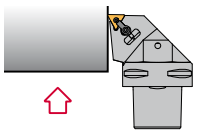
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E33

MSSN 45°



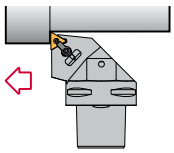
SNM.. 1204..
SNM.. 1506..
SNM.. 1906..
Page Seite E34

MTFN 90º



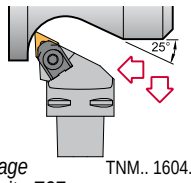
Page Seite E35 — TNM.. 1604..

MTGN 90º



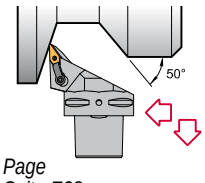
Page Seite E36 — TNM.. 1604..

MTJN 93º



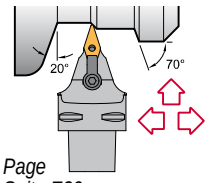
Page Seite E37 — TNM.. 1604.. TNM.. 2204..

MVJN 93º



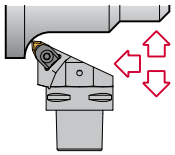
Page Seite E38 — VN.. 1604..

MVVN 72º30'



Page Seite E39 — VN.. 1604..

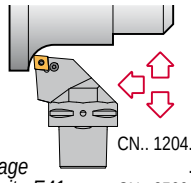
MWLN 95º



Page Seite E40 — WNMG 0604.. WNMG 0804..

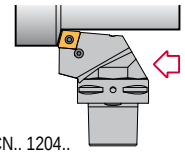
Lever lock toolholders
Klemmhalter mit Kniehebel-Klemmung

PCLN 95º



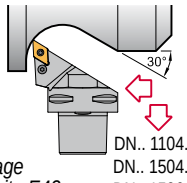
Page Seite E41 — CN.. 1204.. .. CN.. 2509..

PCRN 75º



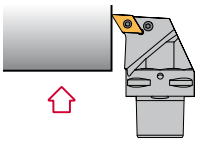
CN.. 1204.. CN.. 1606.. CN.. 1906.. — Page Seite E42

PDJN 93º



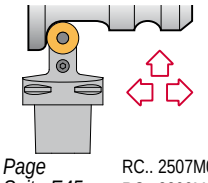
Page Seite E43 — DN.. 1104.. DN.. 1504.. DN.. 1506..

PDUN 93º



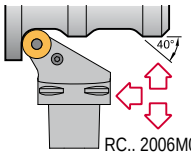
Page Seite E44 — DN.. 1506..

PRDC



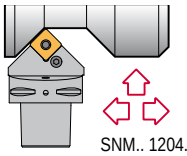
Page Seite E45 — RC.. 2507M0 RC.. 3209M0

PRSC



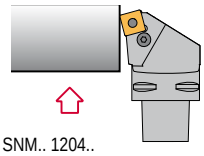
RC.. 2006M0 — Page Seite E46 — RC.. 2507M0 RC.. 3209M0

PSDN 45º



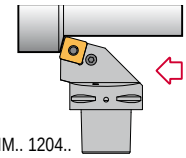
SNM.. 1204.. — Page Seite E47 — .. SNM.. 2507..

PSKN 75º



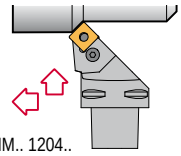
SNM.. 1204.. .. SNM.. 2507.. — Page Seite E48

PSRN 75º



SNM.. 1204.. .. SNM.. 2507.. — Page Seite E49

PSSN 45º

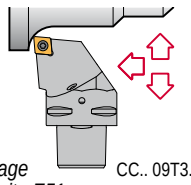


SNM.. 1204.. .. SNM.. 2507.. — Page Seite E50

POSITIVE TOOLHOLDERS / POSITIVE KLEMMHALTER

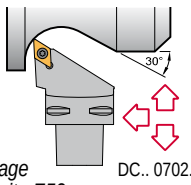
Center screw toolholders
Klemmhalter mit Zentralschrauben-Klemmung

SCLC 95º



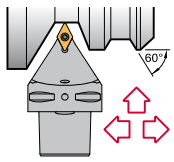
Page Seite E51 — CC.. 09T3.. CC.. 1204..

SDJC 93º



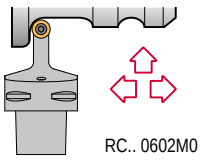
Page Seite E52 — DC.. 0702.. DC.. 11T3..

SDNC 62º30'



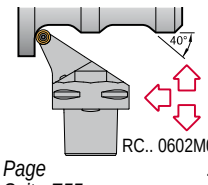
Page Seite E53 — DC.. 11T3..

SRDC



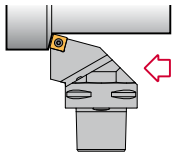
RC.. 0602M0 — Page Seite E54 — .. RC.. 2006M0

SRSC 45º



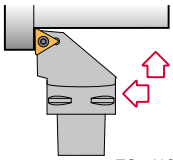
RC.. 0602M0 — Page Seite E55 — .. RC.. 2006M0

SSRC 75º



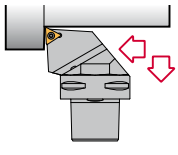
Page Seite E56 — SC.. 1204..

STGC 90º



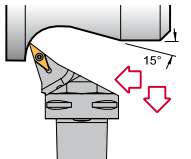
Page Seite E57 — TC.. 1102.. TC.. 16T3..

STJC 93º



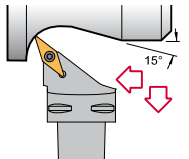
Page Seite E58 — TC.. 1102.. TC.. 16T3..

SVHB 107º30'



Page Seite E59 — VBMT 1604..

SVHC 107º30'

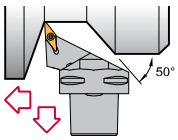


Page Seite E60 — VC.. 1103.. VC.. 1604..

E

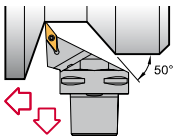
POSITIVE TOOLHOLDERS / POSITIVE KLEMMHALTER

SVJB 93º



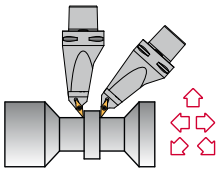
Page *Seite E61* VBMT 1604..

SVJC 93º



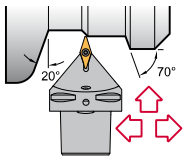
Page *Seite E62* VC.. 1103.. VC.. 1604..

SVMB 50º Multi-Task



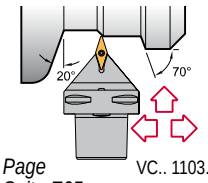
Page *Seite E63* VBMT 1604..

SVVB 72º30'



Page *Seite E64* VBMT 1604..

SVVC 72º30'



Page *Seite E65* VC.. 1103.. VC.. 1604..

NEGATIVE BORING BARS / NEGATIVE BOHRSTANGEN

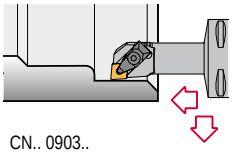
Adaptor
Adapter

J..

Page *Seite E66*

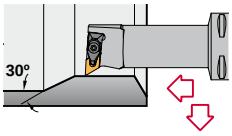
Dimple lock boring bars
Bohrstangen mit Dimple Lock-Klemmung

DCLN 95º



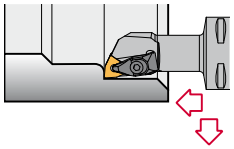
CN.. 0903..
CN.. 1204..
CN.. 1606..
Page *Seite E67*

DDUN 93º



Page *Seite E68* DN.. 1104.. DN.. 1506..

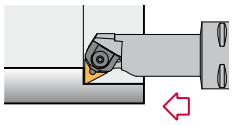
DWLN 95º



Page *Seite E69* WNMG 0604.. WNMG 0804..

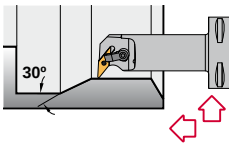
Wedge clamp / Double lock boring bars
Bohrstangen mit Pratzen- und Doppel-Klemmung

MTFN 90º



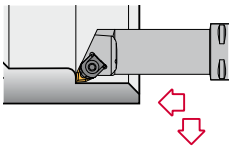
Page *Seite E70* TNM.. 1604..

MVUN 93º



Page *Seite E71* VN.. 1604..

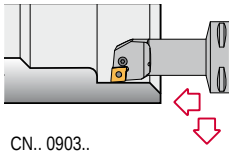
MWLN 95º



Page *Seite E72* WNMG 0604.. WNMG 0804..

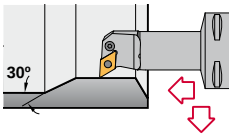
Lever lock boring bars
Bohrstangen mit Kniehebel-Klemmung

PCLN 95º



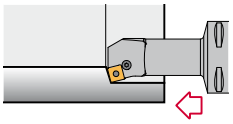
CN.. 0903..
CN.. 1204..
CN.. 1606..
Page *Seite E73*

PDUN 93º



Page *Seite E74* DN.. 1104.. DN.. 1506..

PSKN 75º

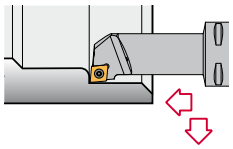


Page *Seite E75* SNM.. 1204..

POSITIVE BORING BARS / POSITIVE BOHRSTANGEN

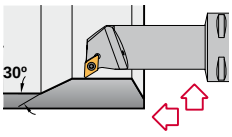
Center screw boring bars
Bohrstangen mit Zentralschrauben-Klemmung

SCLC 95º



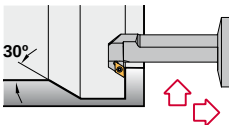
Page *Seite E76* CC.. 09T3.. CC.. 1204..

SDUC 93º



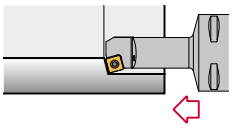
Page *Seite E77* DC.. 0702.. DC.. 11T3..

SDUC-X 93º



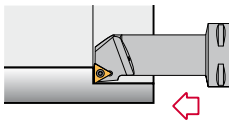
Page *Seite E78* DC.. 0702..

SSKC 75º



Page *Seite E79* SC.. 09T3..

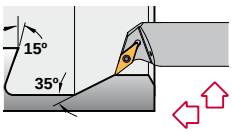
STFC 90º



Page *Seite E80* TC.. 1102.. TC.. 16T3..

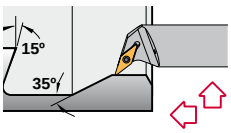
POSITIVE BORING BARS / POSITIVE BOHRSTANGEN

SVQB 107°30'



Page *Seite E81* VBMT 1604..

SVQC 107°30'

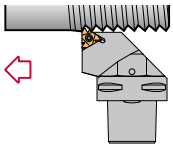


Page *Seite E82* VC.. 1103.. VC.. 1604..

THREADING / GEWINDEDREHEN

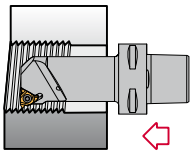
External and internal threading
Außengewindedrehen und Innengewindedrehen

SE 90°



Page *Seite E83* 16 ER/L.. 22 ER/L..

SI 90°

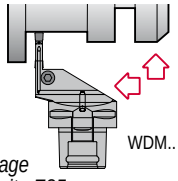


Page *Seite E84* 16 NR/L.. 22 NR/L..

PARTING AND GROOVING / AB- UND EINSTECHDREHEN

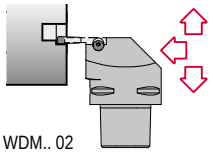
Toolholders and boring bars
Klemmhalter und Bohrstangen

CZCD



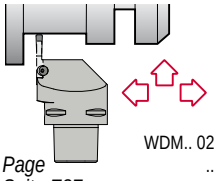
Page *Seite E85* WDM.. 02 .. WDM.. 06

CZFD



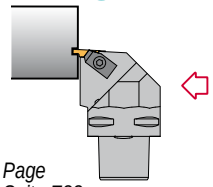
WDM.. 02 .. WDM.. 06 *Page* *Seite E86*

CZGD



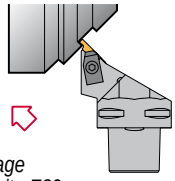
Page *Seite E87* WDM.. 02 .. WDM.. 06

NE 93°



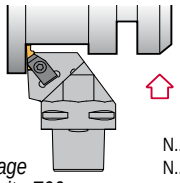
Page *Seite E88* N.. 3

NR 45°



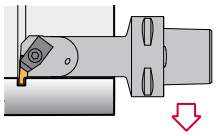
Page *Seite E89* N.. 3

NS 93°



Page *Seite E90* N.. 2 N.. 3 N.. 4

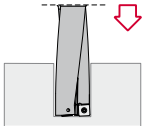
NE 93°



N.. 2 N.. 3 N.. 4 *Page* *Seite E91*

DRILLS / BOHRER

45..

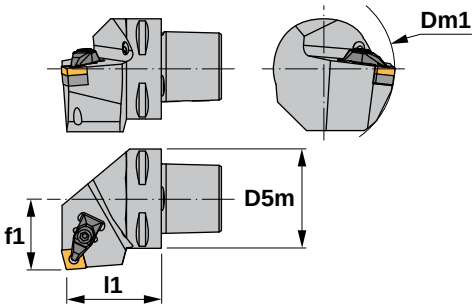


SPMT 0603.. .. SPMT 1204.. *Page* *Seite E92-94*

E

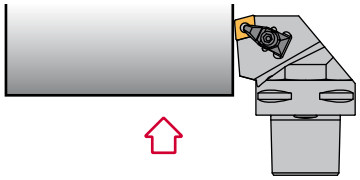
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80º).
PSC with internal coolant.

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



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

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



DCKN 75º

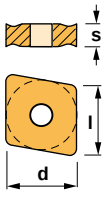
Reference / Bezeichnung	D5m	Dm1 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-DCKNR/L27050-12	40	110	27	50	-6º	-6º	CN.. 1204..	0,420
PSC50-DCKNR/L35060-12	50	110	35	60	-6º	-6º	CN.. 1204..	0,800
PSC63-DCKNR/L45065-12	63	110	45	65	-6º	-6º	CN.. 1204..	1,100
PSC40-DCKNR/L27050-16	40	125	27	50	-6º	-6º	CN.. 1606..	0,420
PSC50-DCKNR/L35060-16	50	125	35	60	-6º	-6º	CN.. 1606..	0,800
PSC63-DCKNR/L45065-16	63	125	45	65	-6º	-6º	CN.. 1606..	1,100
PSC63-DCKNR/L45065-19	63	125	45	65	-6º	-6º	CN.. 1906..	1,100
PSC80-DCKNR/L55080-19	80	125	55	80	-6º	-6º	CN.. 1906..	2,740

Reference / Bezeichnung							Nm
PSC40-DCKNR/L27050-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC50-DCKNR/L35060-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC63-DCKNR/L45065-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC40-DCKNR/L27050-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC50-DCKNR/L35060-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC63-DCKNR/L45065-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC63-DCKNR/L45065-19	1770	ICSN-633	2719	1696	4295	5004	3.5
PSC80-DCKNR/L55080-19	1770	ICSN-633	2719	1696	4295	5004	3.5

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

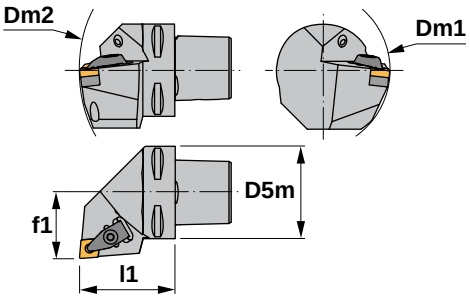
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05

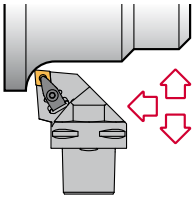


CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

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

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





1) γ= Rake angle (valid with a flat insert).
Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λs= Angle of inclination.
Neigungswinkel.

DCLN 95º

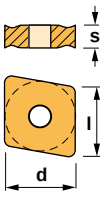
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-DCLNR/L22040-09	32	60	116	22	40	-6º	-6º	CN.. 0903..	0,210
PSC40-DCLNR/L27050-09	40	60	140	27	50	-6º	-6º	CN.. 0903..	0,420
PSC32-DCLNR/L22045-12	32	60	121	22	45	-6º	-6º	CN.. 1204..	0,240
PSC40-DCLNR/L27050-12	40	110	140	27	50	-6º	-6º	CN.. 1204..	0,420
PSC50-DCLNR/L35060-12	50	110	165	35	60	-6º	-6º	CN.. 1204..	0,800
PSC63-DCLNR/L45065-12	63	110	190	45	65	-6º	-6º	CN.. 1204..	1,100
PSC80-DCLNR/L55080-12	80	110	250	55	80	-6º	-6º	CN.. 1204..	2,740
PSC40-DCLNR/L27055-16	40	125	145	27	55	-6º	-6º	CN.. 1606..	0,430
PSC50-DCLNR/L35060-16	50	125	165	35	60	-6º	-6º	CN.. 1606..	0,800
PSC63-DCLNR/L45065-16	63	125	190	45	65	-6º	-6º	CN.. 1606..	1,100
PSC80-DCLNR/L55080-16	80	125	250	55	80	-6º	-6º	CN.. 1606..	2,740
PSC50-DCLNR/L35060-19	50	125	165	35	60	-6º	-6º	CN.. 1906..	0,800
PSC63-DCLNR/L45065-19	63	125	190	45	65	-6º	-6º	CN.. 1906..	1,100
PSC80-DCLNR/L55080-19	80	125	250	55	80	-6º	-6º	CN.. 1906..	2,740

Reference / Bezeichnung							Nm
PSC32-DCLNR/L22040-09	1764	ICSN-332	2708	1695	4294	5004	3.5
PSC40-DCLNR/L27050-09	1764	ICSN-332	2708	1695	4294	5004	3.5
PSC32-DCLNR/L22045-12	1766	ICSN-422	2712	1696	4295	5004	3.5
PSC40-DCLNR/L27050-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC50-DCLNR/L35060-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC63-DCLNR/L45065-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC80-DCLNR/L55080-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC40-DCLNR/L27055-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC50-DCLNR/L35060-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC63-DCLNR/L45065-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC80-DCLNR/L55080-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC50-DCLNR/L35060-19	1770	ICSN-633	2719	1696	4295	5004	3.5
PSC63-DCLNR/L45065-19	1770	ICSN-633	2719	1696	4295	5004	3.5
PSC80-DCLNR/L55080-19	1770	ICSN-633	2719	1696	4295	5004	3.5

CN..

80º rhombic negative inserts. 80º rhombische negative WSP. A32-34

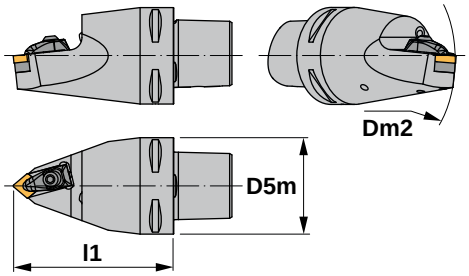
Reference / Bez	l	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

Characteristics:
Toolholder for multi-task machining equipped with rhombic negative inserts (angle 80º).
PSC with internal coolant.

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

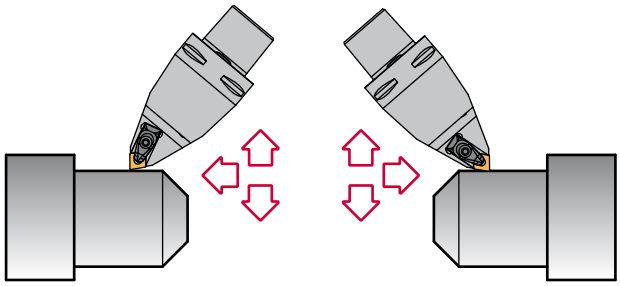


Eigenschaften:
Klemmhalter zur Multi-Task-Bearbeitung mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.

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

Main application
Hauptanwendung

Alternative use
Alternative Anwendung



DCMN 50º

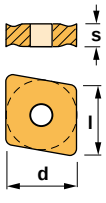
Reference / Bezeichnung	D5m	Dm2 min.	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC63-DCMNN00115-12	63	110	115	-6º	-6º	CN.. 1204..	1,700
PSC80-DCMNN00150-16	80	115	150	-6º	-6º	CN.. 1606..	3,300

Reference / Bezeichnung							Nm
PSC63-DCMNN00115-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC80-DCMNN00150-16	1768	ICSN-533	2716	1696	4295	5004	3.5

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

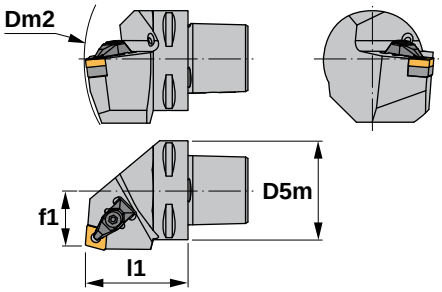
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

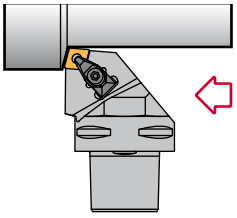
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80º).
PSC with internal coolant.

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



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

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



DCRN 75º

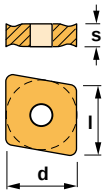
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DCRNR/L22050-12	40	140	22	50	-6º	-6º	CN.. 1204..	0,420
PSC50-DCRNR/L27060-12	50	165	27	60	-6º	-6º	CN.. 1204..	0,800
PSC63-DCRNR/L35065-12	63	190	35	65	-6º	-6º	CN.. 1204..	1,400
PSC50-DCRNR/L27060-16	50	165	27	60	-6º	-6º	CN.. 1606..	0,800
PSC63-DCRNR/L35065-16	63	190	35	65	-6º	-6º	CN.. 1606..	1,400
PSC80-DCRNR/L55080-16	80	250	55	80	-6º	-6º	CN.. 1606..	2,740
PSC50-DCRNR/L27060-19	50	165	27	60	-6º	-6º	CN.. 1906..	0,800
PSC63-DCRNR/L35065-19	63	190	35	65	-6º	-6º	CN.. 1906..	1,400
PSC80-DCRNR/L55080-19	80	250	55	80	-6º	-6º	CN.. 1906..	2,740

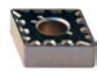
Reference Bezeichnung							Nm
PSC40-DCRNR/L22050-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC50-DCRNR/L27060-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC63-DCRNR/L35065-12	1766	ICSN-442	2712	1696	4295	5004	3.5
PSC50-DCRNR/L27060-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC63-DCRNR/L35065-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC80-DCRNR/L55080-16	1768	ICSN-533	2716	1696	4295	5004	3.5
PSC50-DCRNR/L27060-19	1770	ICSN-633	2719	1696	4295	5004	3.5
PSC63-DCRNR/L35065-19	1770	ICSN-633	2719	1696	4295	5004	3.5
PSC80-DCRNR/L55080-19	1770	ICSN-633	2719	1696	4295	5004	3.5

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

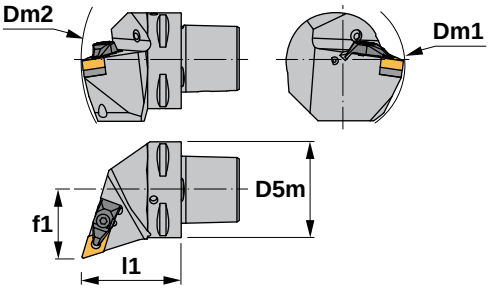
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
				
CNMG-MFC	**CNMG-MHC**	**CNMG-RC**	**CNMG-TC**	**CNMM**
				

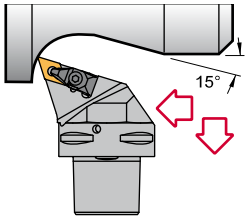
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



E

DDHN 107º 30’

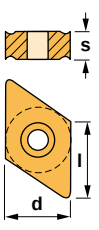
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DDHNR/L27055-15	40	110	145	27	55	-6º	-7º	DN.. 1506..	0,430
PSC50-DDHNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-DDHNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-DDHNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

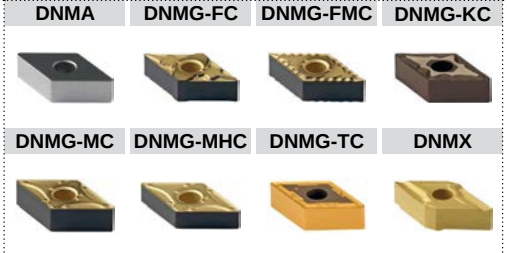
Reference Bezeichnung							Nm
PSC40-DDHNR/L27055-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC50-DDHNR/L35060-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC63-DDHNR/L45065-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC80-DDHNR/L55080-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

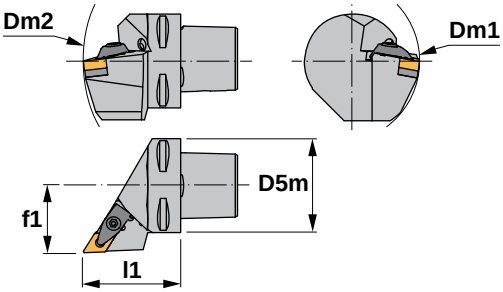
Reference / Bez	l	s	d
DN.. 1506..	15,50	6,35	12,70





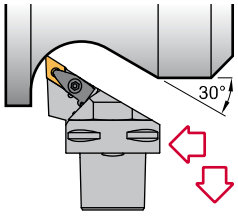
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



DDJN 93º

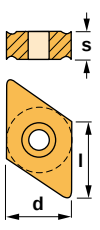
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-DDJNR/L22045-11	32	60	121	22	45	-6º	-7º	DN.. 1104..	0,240
PSC40-DDJNR/L27050-11	40	60	140	27	50	-6º	-7º	DN.. 1104..	0,420
PSC50-DDJNR/L35060-11	50	65	165	35	60	-6º	-7º	DN.. 1104..	0,800
PSC63-DDJNR/L45065-11	63	81	190	45	65	-6º	-7º	DN.. 1104..	1,100
PSC40-DDJNR/L27055-15	40	110	145	27	55	-6º	-7º	DN.. 1506..	0,420
PSC50-DDJNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-DDJNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-DDJNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

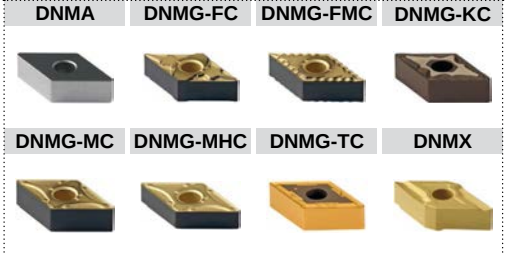
Reference Bezeichnung							Nm
PSC32-DDJNR/L22045-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC40-DDJNR/L27050-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC50-DDJNR/L35060-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC63-DDJNR/L45065-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC40-DDJNR/L27055-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC50-DDJNR/L35060-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC63-DDJNR/L45065-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC80-DDJNR/L55080-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

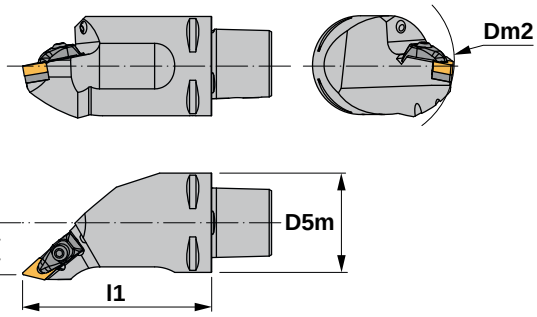
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70





Characteristics:
Toolholder for multi-task machining equipped with rhombic negative inserts (angle 55º).
PSC with internal coolant.

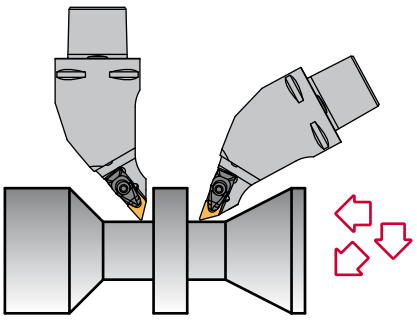
1) γ= Rake angle (valid with a flat insert).
2) λs= Angle of inclination.



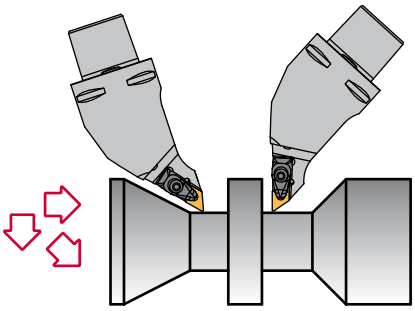
Eigenschaften:
Klemmhalter zur Multi-Task-Bearbeitung mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55º Winkel).
PSC mit Innenkühlung.

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

Main application
Hauptanwendung



Alternative use
Alternative Anwendung



DDMN 48º

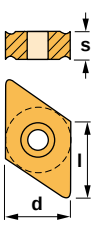
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC63-DDMNR/L33120-15	63	130	33	120	-5º	-9º	DN.. 1506..	2,300

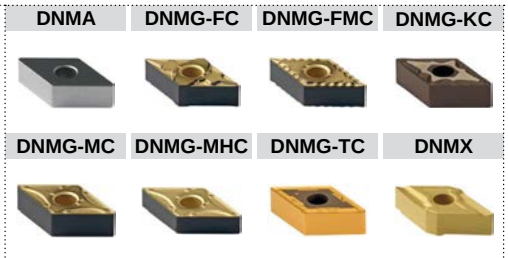
Reference / Bezeichnung							Nm
PSC63-DDMNR/L33120-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

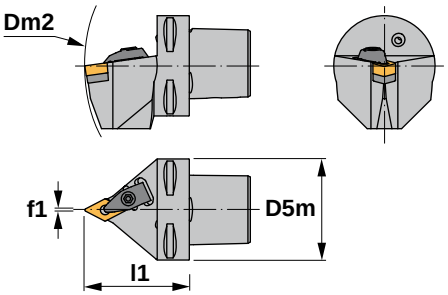
Reference / Bez	l	s	d
DN.. 1506..	15,50	6,35	12,70





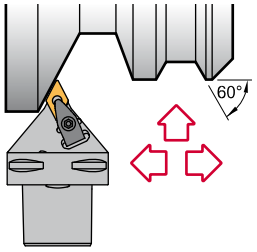
Characteristics:
Profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



DDNN 63º

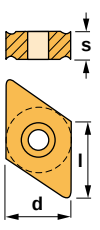
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-DDNNN00050-11	40	140	0.5	50	-5º	-9º	DN.. 1104..	0,350
PSC50-DDNNN00060-11	50	165	0.5	60	-5º	-9º	DN.. 1104..	0,750
PSC40-DDNNN00055-15	40	145	0.5	55	-5º	-9º	DN.. 1506..	0,350
PSC50-DDNNN00060-15	50	165	0.5	60	-5º	-9º	DN.. 1506..	0,750
PSC63-DDNNN00065-15	63	190	0.5	65	-5º	-9º	DN.. 1506..	1,070
PSC80-DDNNN00080-15	80	250	0.5	80	-5º	-9º	DN.. 1506..	2,320

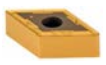
Reference / Bezeichnung							Nm
PSC40-DDNNN00050-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC50-DDNNN00060-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC40-DDNNN00055-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC50-DDNNN00060-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC63-DDNNN00065-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC80-DDNNN00080-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts. 55º rhombische negative Wendeschneidplatten. A36-37

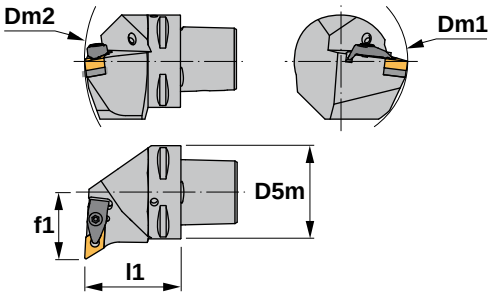
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70



DNMA	DNMG-FC	DNMG-FMC	DNMG-KC
			
DNMG-MC	**DNMG-MHC**	**DNMG-TC**	**DNMX**
			

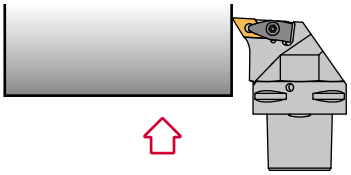
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



DDUN 93º

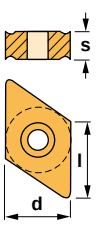
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DDUNR/L27050-15	40	110	140	27	50	-6º	-7º	DN.. 1506..	0,420
PSC50-DDUNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-DDUNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-DDUNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

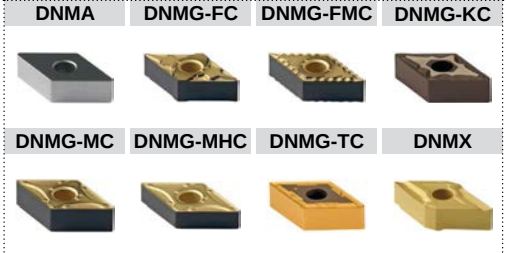
Reference Bezeichnung							Nm
PSC40-DDUNR/L27050-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC50-DDUNR/L35060-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC63-DDUNR/L45065-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC80-DDUNR/L55080-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

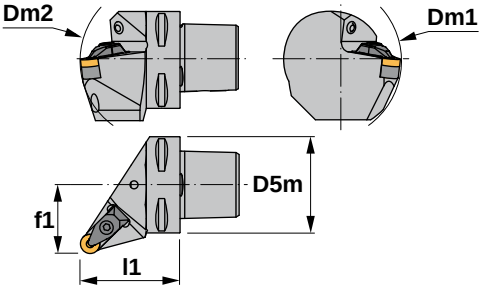
Reference / Bez	l	s	d
DN.. 1506..	15,50	6,35	12,70





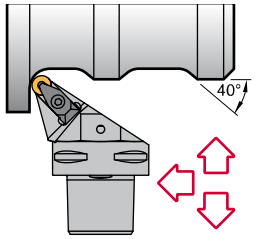
Characteristics:
Profiling multipurpose turning toolholder equipped with round negative insert. PSC with internal coolant.

1) γ= Rake angle (valid with a flat insert).
2) λs= 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) λs= Neigungswinkel.



DRSN

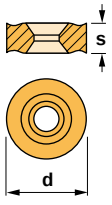
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-DRSNR/L27050-12	40	110	140	27	50	-6°	-6°	RNMG 1204..	0,420
PSC50-DRSNR/L35060-12	50	110	165	35	60	-6°	-6°	RNMG 1204..	0,800
PSC63-DRSNR/L45065-12	63	110	190	45	65	-6°	-6°	RNMG 1204..	1,100

Reference / Bezeichnung							Nm
PSC40-DRSNR/L27050-12	1766	IRSN-44	2712	1696	4295	5004	3.5
PSC50-DRSNR/L35060-12	1766	IRSN-44	2712	1696	4295	5004	3.5
PSC63-DRSNR/L45065-12	1766	IRSN-44	2712	1696	4295	5004	3.5

RNMG

Round negative insert. A39
Runde negative Wendeschneidplatte.

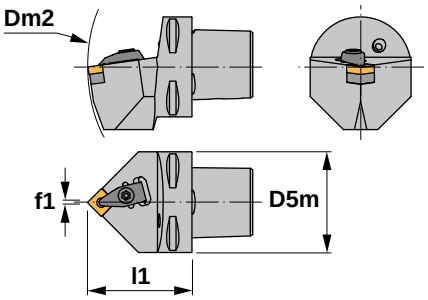
Reference / Bez	s	d
RNMG 1204..	4,76	12,70



RNMG

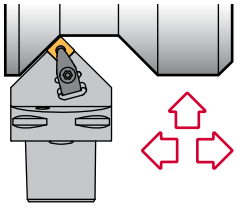
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



DSDN 45º

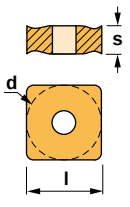
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ 1)	λs 2)	Insert size Wendeschneidplatte	Kg
PSC32-DSDNN00048-12	32	124	0.3	48	-6º	-6º	SNM.. 1204..	0,240
PSC40-DSDNN00050-12	40	140	0.3	50	-6º	-6º	SNM.. 1204..	0,350
PSC50-DSDNN00060-12	50	165	0.3	60	-6º	-6º	SNM.. 1204..	0,750
PSC63-DSDNN00065-12	63	190	0.3	65	-6º	-6º	SNM.. 1204..	1,070
PSC50-DSDNN00060-15	50	165	0.5	60	-6º	-6º	SNM.. 1506..	0,750
PSC63-DSDNN00065-15	63	190	0.5	65	-6º	-6º	SNM.. 1506..	1,070
PSC50-DSDNN00065-19	50	170	0.5	65	-6º	-6º	SNM.. 1906..	0,800
PSC63-DSDNN00070-19	63	195	0.5	70	-6º	-6º	SNM.. 1906..	1,260

Reference Bezeichnung							Nm
PSC32-DSDNN00048-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC40-DSDNN00050-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSDNN00060-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC63-DSDNN00065-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSDNN00060-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC63-DSDNN00065-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC50-DSDNN00065-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC63-DSDNN00070-19	1770	ISSN-633	2719	1696	4295	5004	3.5

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

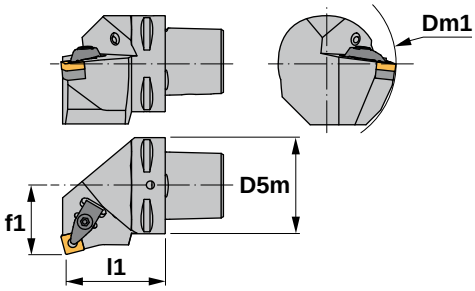
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

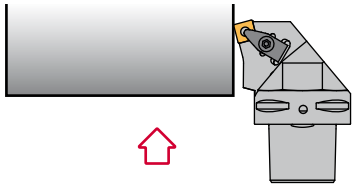
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



DSKN 75º

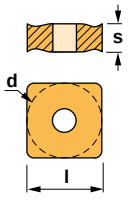
Reference / Bezeichnung	D5m	Dm1 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-DSKNR/L22040-12	32	60	22	40	-6º	-6º	SNM.. 1204..	0,210
PSC40-DSKNR/L27050-12	40	110	27	50	-6º	-6º	SNM.. 1204..	0,420
PSC50-DSKNR/L35060-12	50	110	35	60	-6º	-6º	SNM.. 1204..	0,800
PSC63-DSKNR/L45065-12	63	110	45	65	-6º	-6º	SNM.. 1204..	1,100
PSC50-DSKNR/L35060-15	50	125	35	60	-6º	-6º	SNM.. 1506..	0,800
PSC63-DSKNR/L45065-15	63	125	45	65	-6º	-6º	SNM.. 1506..	1,100
PSC50-DSKNR/L35060-19	50	125	35	60	-6º	-6º	SNM.. 1906..	0,800
PSC63-DSKNR/L45065-19	63	125	45	65	-6º	-6º	SNM.. 1906..	1,100
PSC80-DSKNR/L55080-19	80	125	55	80	-6º	-6º	SNM.. 1906..	2,740

Reference / Bezeichnung							Nm
PSC32-DSKNR/L22040-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC40-DSKNR/L27050-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSKNR/L35060-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC63-DSKNR/L45065-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSKNR/L35060-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC63-DSKNR/L45065-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC50-DSKNR/L35060-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC63-DSKNR/L45065-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC80-DSKNR/L55080-19	1770	ISSN-633	2719	1696	4295	5004	3.5

SNM..

Square negative inserts. A41-42
Vierkantige negative Wendeschneidplatten.

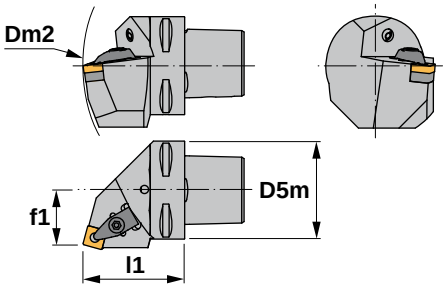
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

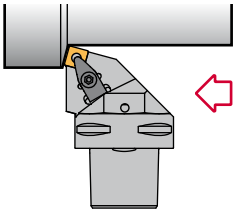
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



DSRN 75º

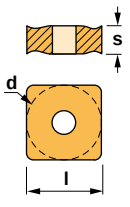
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-DSRNR/L19048-12	32	124	19	48	-6º	-6º	SNM.. 1204..	0,260
PSC40-DSRNR/L22050-12	40	140	22	50	-6º	-6º	SNM.. 1204..	0,420
PSC50-DSRNR/L27060-12	50	165	27	60	-6º	-6º	SNM.. 1204..	0,800
PSC63-DSRNR/L35065-12	63	190	35	65	-6º	-6º	SNM.. 1204..	1,400
PSC50-DSRNR/L27060-15	50	165	27	60	-6º	-6º	SNM.. 1506..	0,800
PSC63-DSRNR/L35065-15	63	190	35	65	-6º	-6º	SNM.. 1506..	1,400
PSC50-DSRNR/L27060-19	50	165	27	60	-6º	-6º	SNM.. 1906..	0,800
PSC63-DSRNR/L35065-19	63	190	35	65	-6º	-6º	SNM.. 1906..	1,400
PSC80-DSRNR/L45080-19	80	250	45	80	-6º	-6º	SNM.. 1906..	2,800

Reference Bezeichnung							Nm
PSC32-DSRNR/L19048-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC40-DSRNR/L22050-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSRNR/L27060-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC63-DSRNR/L35065-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSRNR/L27060-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC63-DSRNR/L35065-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC50-DSRNR/L27060-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC63-DSRNR/L35065-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC80-DSRNR/L45080-19	1770	ISSN-633	2719	1696	4295	5004	3.5

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

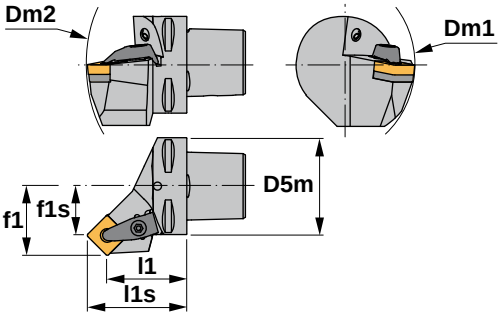
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

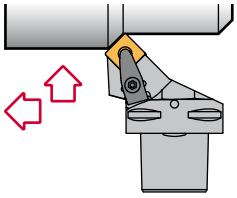
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



DSSN 45º

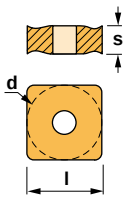
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-DSSNR/L22040-12	32	60	124	22	13.7	40	48.3	-8º	0º	SNM.. 1204..	0,210
PSC40-DSSNR/L27042-12	40	110	140	27	18.7	42	50.3	-8º	0º	SNM.. 1204..	0,350
PSC50-DSSNR/L35052-12	50	110	165	35	26.7	52	60.3	-8º	0º	SNM.. 1204..	0,700
PSC63-DSSNR/L45056-12	63	110	190	45	36.7	56	64.3	-8º	0º	SNM.. 1204..	1,120
PSC40-DSSNR/L27045-15	40	125	145	27	16.8	45	55.2	-8º	0º	SNM.. 1506..	0,400
PSC50-DSSNR/L35050-15	50	125	165	35	24.8	50	60.2	-8º	0º	SNM.. 1506..	0,680
PSC63-DSSNR/L45054-15	63	125	190	45	34.8	54	64.2	-8º	0º	SNM.. 1506..	1,140
PSC50-DSSNR/L35048-19	50	125	165	35	22.5	48	60.5	-8º	0º	SNM.. 1906..	0,700
PSC63-DSSNR/L45052-19	63	125	190	45	32.5	52	64.5	-8º	0º	SNM.. 1906..	1,130

Reference / Bezeichnung							Nm
PSC32-DSSNR/L22040-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC40-DSSNR/L27042-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC50-DSSNR/L35052-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC63-DSSNR/L45056-12	1766	ISSN-442	2712	1696	4295	5004	3.5
PSC40-DSSNR/L27045-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC50-DSSNR/L35050-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC63-DSSNR/L45054-15	1768	ISSN-533	2716	1696	4295	5004	3.5
PSC50-DSSNR/L35048-19	1770	ISSN-633	2719	1696	4295	5004	3.5
PSC63-DSSNR/L45052-19	1770	ISSN-633	2719	1696	4295	5004	3.5

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

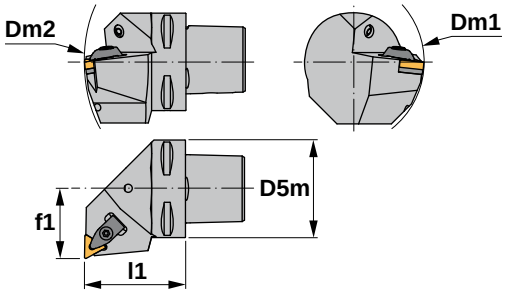
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
SNMG-RC	SNMG-TC	SNMM

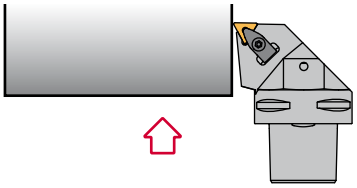
Characteristics:
Toolholder for face turning applications equipped with triangular negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Plandrehen mit einer dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



DTFN 90º

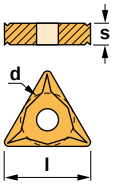
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DTFNR/L27050-16	40	110	140	27	50	-6º	-6º	TNM.. 1604..	0,420
PSC50-DTFNR/L35060-16	50	110	165	35	60	-6º	-6º	TNM.. 1604..	0,800
PSC63-DTFNR/L45065-16	63	110	190	45	65	-6º	-6º	TNM.. 1604..	1,100
PSC40-DTFNR/L27050-22	40	110	140	27	50	-6º	-6º	TNM.. 2204..	0,420
PSC50-DTFNR/L35060-22	50	110	165	35	60	-6º	-6º	TNM.. 2204..	0,800
PSC63-DTFNR/L45065-22	63	110	190	45	65	-6º	-6º	TNM.. 2204..	1,100

Reference Bezeichnung							Nm
PSC40-DTFNR/L27050-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC50-DTFNR/L35060-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC63-DTFNR/L45065-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC40-DTFNR/L27050-22	1766	ITSN-433	2712	1696	4295	5004	3.5
PSC50-DTFNR/L35060-22	1766	ITSN-433	2712	1696	4295	5004	3.5
PSC63-DTFNR/L45065-22	1766	ITSN-433	2712	1696	4295	5004	3.5

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

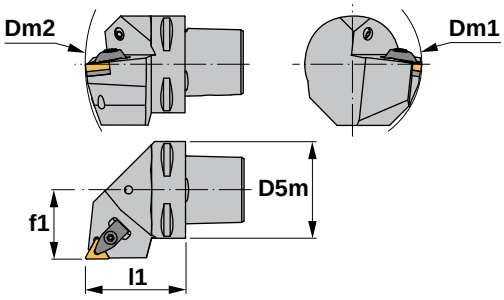
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

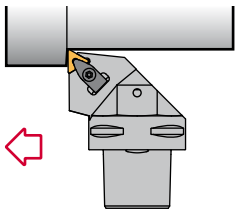
Characteristics:
Toolholder for external turning applications equipped with triangular negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Außendrehen mit einer dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



DTGN 90º

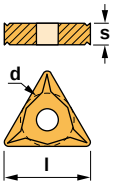
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DTGNR/L27050-16	40	110	140	27	50	-6º	-6º	TNM.. 1604..	0,420
PSC50-DTGNR/L35060-16	50	110	165	35	60	-6º	-6º	TNM.. 1604..	0,800
PSC63-DTGNR/L45065-16	63	110	190	45	65	-6º	-6º	TNM.. 1604..	1,100
PSC40-DTGNR/L27050-22	40	110	140	27	50	-6º	-6º	TNM.. 2204..	0,420
PSC50-DTGNR/L35060-22	50	110	165	35	60	-6º	-6º	TNM.. 2204..	0,800
PSC63-DTGNR/L45065-22	63	110	190	45	65	-6º	-6º	TNM.. 2204..	1,100

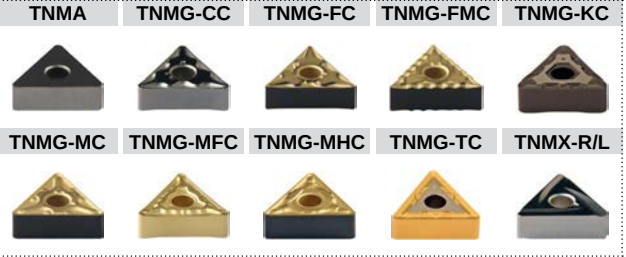
Reference Bezeichnung							Nm
PSC40-DTGNR/L27050-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC50-DTGNR/L35060-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC63-DTGNR/L45065-16	1764	ITSN-342	2708	1695	4294	5004	3.5
PSC40-DTGNR/L27050-22	1766	ITSN-433	2712	1696	4295	5004	3.5
PSC50-DTGNR/L35060-22	1766	ITSN-433	2712	1696	4295	5004	3.5
PSC63-DTGNR/L45065-22	1766	ITSN-433	2712	1696	4295	5004	3.5

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

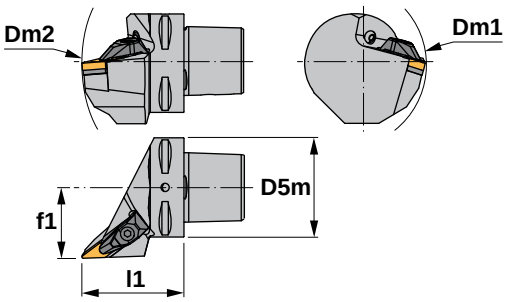
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70





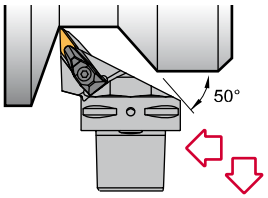
Characteristics:
Toolholder for very specific operations equipped with rhombic negative inserts (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter für sehr spezifische Anwendungen mit einer rhombischen negativen Wendeschneidplatte (Winkel 35º).
PSC mit Innenkühlung.

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



DVJN 93º

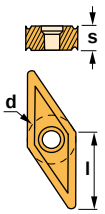
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DVJNR/L27062-16	40	110	152	27	62	-4º	-13º	VN.. 1604..	0,450
PSC50-DVJNR/L35065-16	50	110	170	35	65	-4º	-13º	VN.. 1604..	0,790
PSC63-DVJNR/L45065-16	63	110	190	45	65	-4º	-13º	VN.. 1604..	1,100
PSC80-DVJNR/L55080-16	80	110	250	55	80	-4º	-13º	VN.. 1604..	2,740

Reference Bezeichnung							Nm
PSC40-DVJNR/L27062-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC50-DVJNR/L35065-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC63-DVJNR/L45065-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC80-DVJNR/L55080-16	1764	IVSN-322	2708	1695	4294	5004	3.5

VN..

35º rhombic negative inserts. A49
35° rhombische negative Wendeschneidplatten.

Reference / Bez	l	s	d
VN.. 1604..	16,50	4,76	9,52



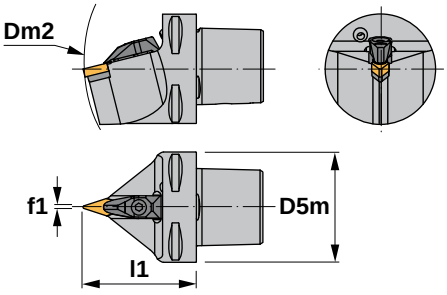
VNGP

VNMG

VNMG-TC

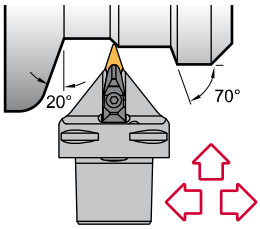
Characteristics:
Profiling toolholder equipped with rhombic negative double-sided insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 35º).
PSC mit Innenkühlung.

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



DVVN 72º 30'

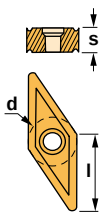
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-DVVNN00062-16	40	152	0.6	62	-4º	-13º	VN.. 1604..	0,430
PSC50-DVVNN00065-16	50	170	0.6	65	-4º	-13º	VN.. 1604..	0,800
PSC63-DVVNN00065-16	63	190	0.6	65	-4º	-13º	VN.. 1604..	1,070
PSC80-DVVNN00080-16	80	250	0.6	80	-4º	-13º	VN.. 1604..	2,320

Reference / Bezeichnung							Nm
PSC40-DVVNN00062-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC50-DVVNN00065-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC63-DVVNN00065-16	1764	IVSN-322	2708	1695	4294	5004	3.5
PSC80-DVVNN00080-16	1764	IVSN-322	2708	1695	4294	5004	3.5

VN..

35º rhombic negative inserts. 35° rhombische negative Wendeschneidplatten. A49

Reference / Bez	l	s	d
VN.. 1604..	16,50	4,76	9,52



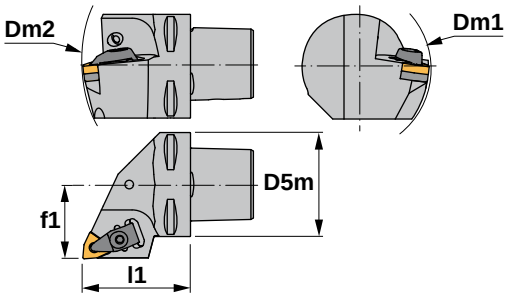
VNGP

VNMG

VNMG-TC

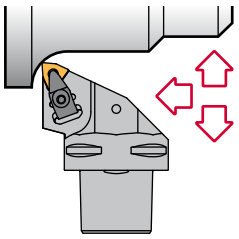
Characteristics:
Multipurpose toolholder equipped with trigon negative double-sided insert (angle 80º).
PSC with internal coolant.

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



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

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



DWLN 95º

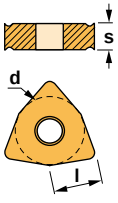
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-DWLNR/L22040-06	32	60	116	22	40	-6º	-6º	WNMG 0604..	0,210
PSC40-DWLNR/L27050-06	40	60	140	27	50	-6º	-6º	WNMG 0604..	0,420
PSC50-DWLNR/L35060-06	50	65	165	35	60	-6º	-6º	WNMG 0604..	0,800
PSC63-DWLNR/L45065-06	63	81	190	45	65	-6º	-6º	WNMG 0604..	1,100
PSC40-DWLNR/L27050-08	40	110	140	27	50	-6º	-6º	WNMG 0804..	0,420
PSC50-DWLNR/L35060-08	50	110	165	35	60	-6º	-6º	WNMG 0804..	0,800
PSC63-DWLNR/L45065-08	63	110	190	45	65	-6º	-6º	WNMG 0804..	1,100
PSC80-DWLNR/L55080-08	80	110	250	55	80	-6º	-6º	WNMG 0804..	2,740

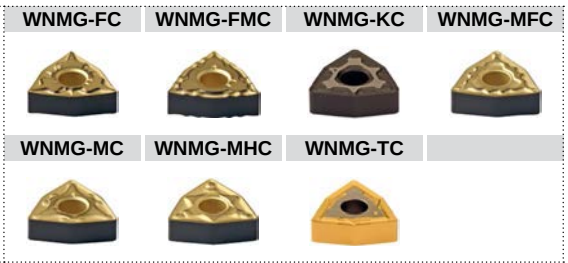
Reference / Bezeichnung							Nm
PSC32-DWLNR/L22040-06	1764	IWSN-322	2708	1695	4294	5004	3.5
PSC40-DWLNR/L27050-06	1764	IWSN-322	2708	1695	4294	5004	3.5
PSC50-DWLNR/L35060-06	1764	IWSN-322	2708	1695	4294	5004	3.5
PSC63-DWLNR/L45065-06	1764	IWSN-322	2708	1695	4294	5004	3.5
PSC40-DWLNR/L27050-08	1766	IWSN-433	2712	1696	4295	5004	3.5
PSC50-DWLNR/L35060-08	1766	IWSN-433	2712	1696	4295	5004	3.5
PSC63-DWLNR/L45065-08	1766	IWSN-433	2712	1696	4295	5004	3.5
PSC80-DWLNR/L55080-08	1766	IWSN-433	2712	1696	4295	5004	3.5

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

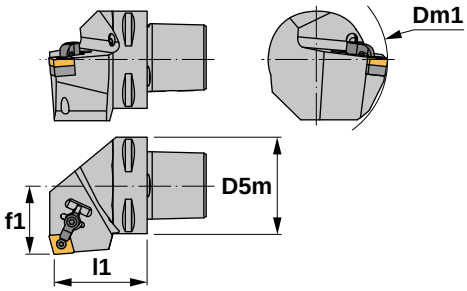
Reference / Bez	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70





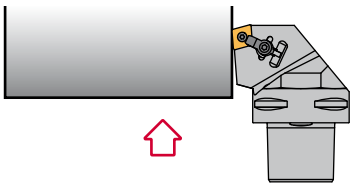
Characteristics:
Toohloder for face turning applications equipped with rhombic negative inserts (angle 80º).
PSC with internal coolant.

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



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

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



MCKN 75º

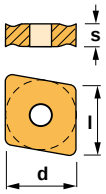
Reference / Bezeichnung	D5m	Dm1 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-MCKNR/L27050-12	40	110	27	50	-6º	-6º	CN.. 1204..	0,420
PSC50-MCKNR/L35060-12	50	110	35	60	-6º	-6º	CN.. 1204..	0,800
PSC63-MCKNR/L45065-12	63	110	45	65	-6º	-6º	CN.. 1204..	1,100
PSC40-MCKNR/L27050-16	40	125	27	50	-6º	-6º	CN.. 1606..	0,420
PSC50-MCKNR/L35060-16	50	125	35	60	-6º	-6º	CN.. 1606..	0,800
PSC63-MCKNR/L45065-16	63	125	45	65	-6º	-6º	CN.. 1606..	1,100
PSC63-MCKNR/L45065-19	63	125	45	65	-6º	-6º	CN.. 1906..	1,100
PSC80-MCKNR/L55080-19	80	125	55	80	-6º	-6º	CN.. 1906..	2,740

Reference / Bezeichnung							Nm
PSC40-MCKNR/L27050-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC50-MCKNR/L35060-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC63-MCKNR/L45065-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC40-MCKNR/L27050-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC50-MCKNR/L35060-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC63-MCKNR/L45065-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC63-MCKNR/L45065-19	2614	1086	5003	ICSN-633	1674	5004	3.0
PSC80-MCKNR/L55080-19	2614	1086	5003	ICSN-633	1674	5004	3.0

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

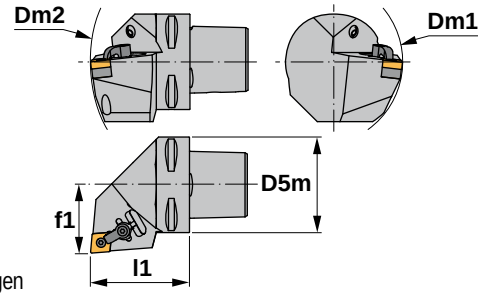
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

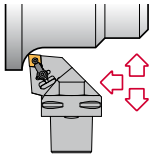
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80º). PSC with internal coolant.

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



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

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



MCLN 95º

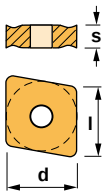
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-MCLNR/L22040-09	32	60	116	22	40	-6º	-6º	CN.. 0903..	0,210
PSC40-MCLNR/L27050-09	40	60	140	27	50	-6º	-6º	CN.. 0903..	0,420
PSC32-MCLNR/L22045-12	32	60	121	22	45	-6º	-6º	CN.. 1204..	0,240
PSC40-MCLNR/L27050-12	40	110	140	27	50	-6º	-6º	CN.. 1204..	0,420
PSC50-MCLNR/L35060-12	50	110	165	35	60	-6º	-6º	CN.. 1204..	0,800
PSC63-MCLNR/L45065-12	63	110	190	45	65	-6º	-6º	CN.. 1204..	1,100
PSC80-MCLNR/L55080-12	80	110	250	55	80	-6º	-6º	CN.. 1204..	2,740
PSC40-MCLNR/L27055-16	40	125	145	27	55	-6º	-6º	CN.. 1606..	0,430
PSC50-MCLNR/L35060-16	50	125	165	35	60	-6º	-6º	CN.. 1606..	0,800
PSC63-MCLNR/L45065-16	63	125	190	45	65	-6º	-6º	CN.. 1606..	1,100
PSC80-MCLNR/L55080-16	80	125	250	55	80	-6º	-6º	CN.. 1606..	2,740
PSC50-MCLNR/L35060-19	50	125	165	35	60	-6º	-6º	CN.. 1906..	0,800
PSC63-MCLNR/L45065-19	63	125	190	45	65	-6º	-6º	CN.. 1906..	1,100
PSC80-MCLNR/L55080-19	80	125	250	55	80	-6º	-6º	CN.. 1906..	2,740

Reference Bezeichnung							Nm
PSC32-MCLNR/L22040-09	2604	1085	5025	ICSN-332	1665	5002	2.0
PSC40-MCLNR/L27050-09	2604	1085	5025	ICSN-332	1665	5002	2.0
PSC32-MCLNR/L22045-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC40-MCLNR/L27050-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC50-MCLNR/L35060-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC63-MCLNR/L45065-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC80-MCLNR/L55080-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC40-MCLNR/L27055-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC50-MCLNR/L35060-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC63-MCLNR/L45065-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC80-MCLNR/L55080-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC50-MCLNR/L35060-19	2614	1086	5003	ICSN-633	1674	5004	3.0
PSC63-MCLNR/L45065-19	2614	1086	5003	ICSN-633	1674	5004	3.0
PSC80-MCLNR/L55080-19	2614	1086	5003	ICSN-633	1674	5004	3.0

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

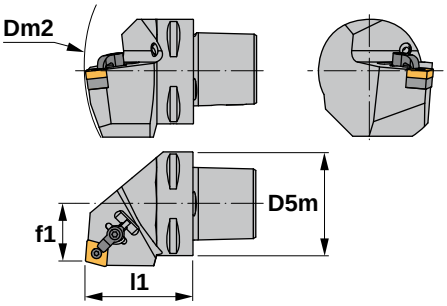
Reference / Bez	l	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

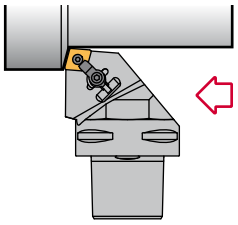
Characteristics:
Toolholder for external turning applications equipped with rhombic negative inserts (angle 80º).
PSC with internal coolant.

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



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

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



MCRN 75º

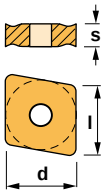
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-MCRNR/L22050-12	40	140	22	50	-6º	-6º	CN.. 1204..	0,420
PSC50-MCRNR/L27060-12	50	165	27	60	-6º	-6º	CN.. 1204..	0,800
PSC63-MCRNR/L35065-12	63	190	35	65	-6º	-6º	CN.. 1204..	1,400
PSC50-MCRNR/L27060-16	50	165	27	60	-6º	-6º	CN.. 1606..	0,800
PSC63-MCRNR/L35065-16	63	190	35	65	-6º	-6º	CN.. 1606..	1,400
PSC80-MCRNR/L55080-16	80	250	55	80	-6º	-6º	CN.. 1606..	2,740
PSC50-MCRNR/L27060-19	50	165	27	60	-6º	-6º	CN.. 1906..	0,800
PSC63-MCRNR/L35065-19	63	190	35	65	-6º	-6º	CN.. 1906..	1,400
PSC80-MCRNR/L55080-19	80	250	55	80	-6º	-6º	CN.. 1906..	2,740

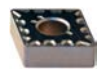
Reference Bezeichnung							Nm
PSC40-MCRNR/L22050-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC50-MCRNR/L27060-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC63-MCRNR/L35065-12	2613	1086	5003	ICSN-442	1657	5025	3.0
PSC50-MCRNR/L27060-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC63-MCRNR/L35065-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC80-MCRNR/L55080-16	2614	1086	5003	ICSN-533	1673	5003	3.0
PSC50-MCRNR/L27060-19	2614	1086	5003	ICSN-633	1674	5004	3.0
PSC63-MCRNR/L35065-19	2614	1086	5003	ICSN-633	1674	5004	3.0
PSC80-MCRNR/L55080-19	2614	1086	5003	ICSN-633	1674	5004	3.0

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

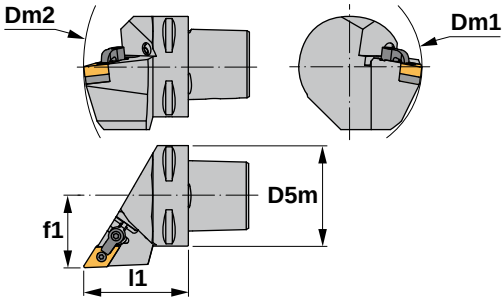
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
				
CNMG-MFC	**CNMG-MHC**	**CNMG-RC**	**CNMG-TC**	**CNMM**
				

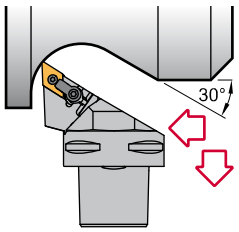
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



E

MDJN 93º

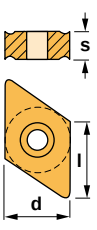
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-MDJNR/L22045-11	32	60	121	22	45	-6º	-7º	DN.. 1104..	0,240
PSC40-MDJNR/L27050-11	40	60	140	27	50	-6º	-7º	DN.. 1104..	0,420
PSC50-MDJNR/L35060-11	50	65	165	35	60	-6º	-7º	DN.. 1104..	0,800
PSC63-MDJNR/L45065-11	63	81	190	45	65	-6º	-7º	DN.. 1104..	1,100
PSC40-MDJNR/L27055-15	40	110	145	27	55	-6º	-7º	DN.. 1506..	0,430
PSC50-MDJNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-MDJNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-MDJNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

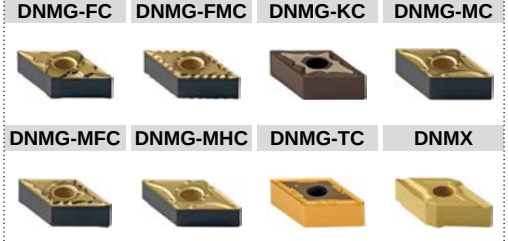
Reference Bezeichnung							Nm
PSC32-MDJNR/L22045-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC40-MDJNR/L27050-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC50-MDJNR/L35060-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC63-MDJNR/L45065-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC40-MDJNR/L27055-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC50-MDJNR/L35060-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC63-MDJNR/L45065-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC80-MDJNR/L55080-15	2613	1086	5003	IDSN-432	1657	5025	3.0

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

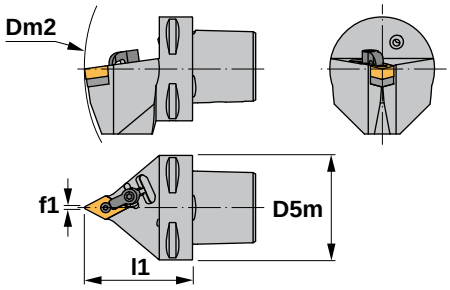
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70





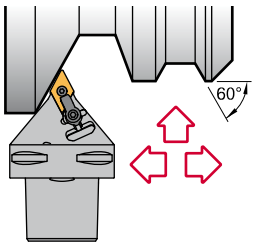
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



MDNN 63º

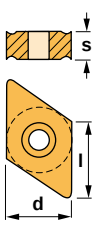
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-MDNNN00050-11	40	140	0.5	50	-5º	-9º	DN.. 1104..	0,350
PSC50-MDNNN00060-11	50	165	0.5	60	-5º	-9º	DN.. 1104..	0,750
PSC40-MDNNN00055-15	40	145	0.5	55	-5º	-9º	DN.. 1506..	0,370
PSC50-MDNNN00060-15	50	165	0.5	60	-5º	-9º	DN.. 1506..	0,750
PSC63-MDNNN00065-15	63	190	0.5	65	-5º	-9º	DN.. 1506..	1,070
PSC80-MDNNN00080-15	80	250	0.5	80	-5º	-9º	DN.. 1506..	2,320

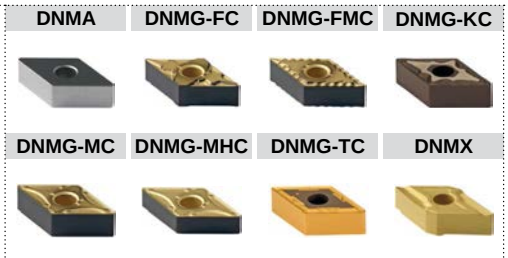
Reference Bezeichnung							Nm
PSC40-MDNNN00050-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC50-MDNNN00060-11	2604	1085	5025	IDSN-322	1665	5002	2.0
PSC40-MDNNN00055-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC50-MDNNN00060-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC63-MDNNN00065-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC80-MDNNN00080-15	2613	1086	5003	IDSN-432	1657	5025	3.0

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

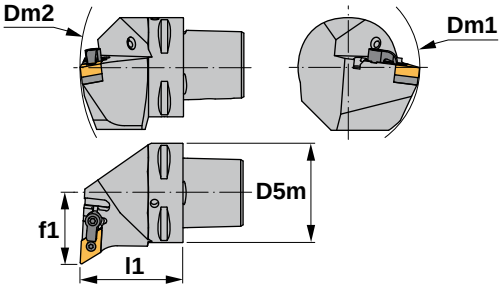
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70





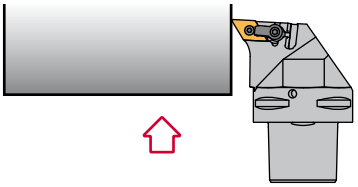
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



MDUN 93º

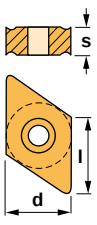
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-MDUNR/L27050-15	40	110	140	27	50	-6º	-7º	DN.. 1506..	0,420
PSC50-MDUNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-MDUNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-MDUNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

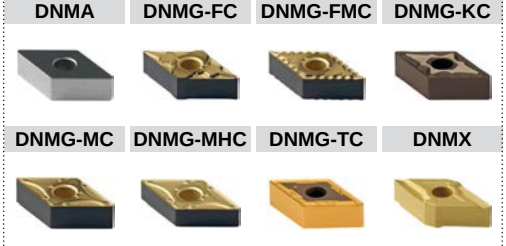
Reference Bezeichnung							Nm
PSC40-MDUNR/L27050-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC50-MDUNR/L35060-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC63-MDUNR/L45065-15	2613	1086	5003	IDSN-432	1657	5025	3.0
PSC80-MDUNR/L55080-15	2613	1086	5003	IDSN-432	1657	5025	3.0

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

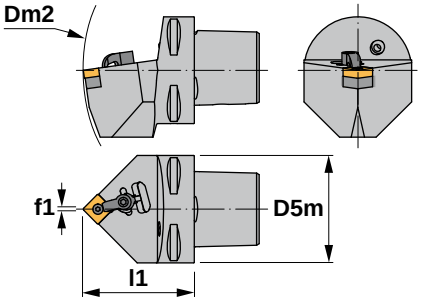
Reference / Bez	l	s	d
DN.. 1506..	15,50	6,35	12,70





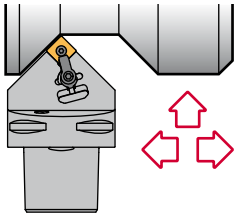
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



MSDN 45º

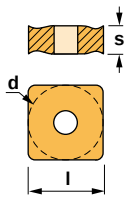
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-MSDNN00048-12	32	124	0.3	48	-6º	-6º	SNM.. 1204..	0,240
PSC40-MSDNN00050-12	40	140	0.3	50	-6º	-6º	SNM.. 1204..	0,350
PSC50-MSDNN00060-12	50	165	0.3	60	-6º	-6º	SNM.. 1204..	0,750
PSC63-MSDNN00065-12	63	190	0.3	65	-6º	-6º	SNM.. 1204..	1,070
PSC50-MSDNN00060-15	50	165	0.5	60	-6º	-6º	SNM.. 1506..	0,750
PSC63-MSDNN00065-15	63	190	0.5	65	-6º	-6º	SNM.. 1506..	1,070
PSC50-MSDNN00065-19	50	170	0.5	65	-6º	-6º	SNM.. 1906..	0,800
PSC63-MSDNN00070-19	63	195	0.5	70	-6º	-6º	SNM.. 1906..	1,260

Reference / Bezeichnung							Nm
PSC32-MSDNN00048-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC40-MSDNN00050-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSDNN00060-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC63-MSDNN00065-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSDNN00060-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC63-MSDNN00065-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC50-MSDNN00065-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC63-MSDNN00070-19	2614	1086	5003	ISSN-633	1674	5004	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

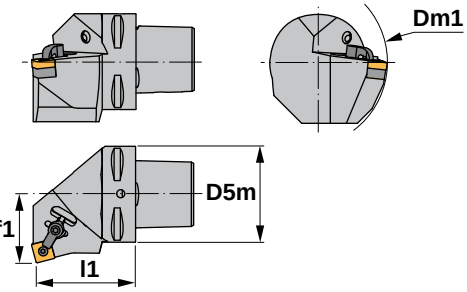
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

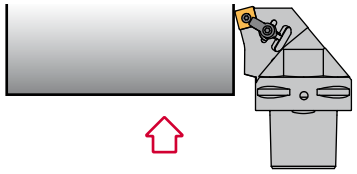
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



MSKN 75º

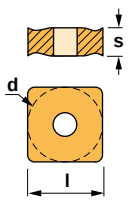
Reference / Bezeichnung	D5m	Dm1 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-MSKNR/L22040-12	32	60	22	40	-6º	-6º	SNM.. 1204..	0,210
PSC40-MSKNR/L27050-12	40	110	27	50	-6º	-6º	SNM.. 1204..	0,420
PSC50-MSKNR/L35060-12	50	110	35	60	-6º	-6º	SNM.. 1204..	0,800
PSC63-MSKNR/L45065-12	63	110	45	65	-6º	-6º	SNM.. 1204..	1,100
PSC50-MSKNR/L35060-15	50	125	35	60	-6º	-6º	SNM..1506..	0,800
PSC63-MSKNR/L45065-15	63	125	45	65	-6º	-6º	SNM..1506..	1,100
PSC50-MSKNR/L35060-19	50	125	35	60	-6º	-6º	SNM.. 1906..	0,800
PSC63-MSKNR/L45065-19	63	125	45	65	-6º	-6º	SNM.. 1906..	1,100
PSC80-MSKNR/L55080-19	80	125	55	80	-6º	-6º	SNM.. 1906..	2,740

Reference / Bezeichnung							Nm
PSC32-MSKNR/L22040-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC40-MSKNR/L27050-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSKNR/L35060-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC63-MSKNR/L45065-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSKNR/L35060-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC63-MSKNR/L45065-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC50-MSKNR/L35060-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC63-MSKNR/L45065-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC80-MSKNR/L55080-19	2614	1086	5003	ISSN-633	1674	5004	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

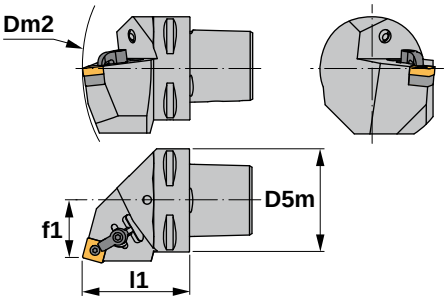
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

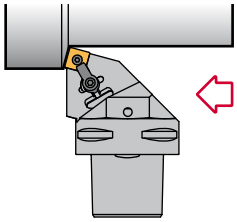
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



MSRN 75°

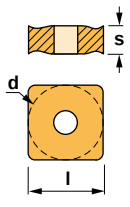
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ 1)	λs 2)	Insert size Wendeschneidplatte	Kg
PSC32-MSRNR/L19048-12	32	124	19	48	-6°	-6°	SNM.. 1204..	0,260
PSC40-MSRNR/L22050-12	40	140	22	50	-6°	-6°	SNM.. 1204..	0,420
PSC50-MSRNR/L27060-12	50	165	27	60	-6°	-6°	SNM.. 1204..	0,800
PSC63-MSRNR/L35065-12	63	190	35	65	-6°	-6°	SNM.. 1204..	1,400
PSC50-MSRNR/L27060-15	50	165	27	60	-6°	-6°	SNM.. 1506..	0,800
PSC63-MSRNR/L35065-15	63	190	35	65	-6°	-6°	SNM.. 1506..	1,400
PSC50-MSRNR/L27060-19	50	165	27	60	-6°	-6°	SNM.. 1906..	0,800
PSC63-MSRNR/L35065-19	63	190	35	65	-6°	-6°	SNM.. 1906..	1,400
PSC80-MSRNR/L45080-19	80	250	45	80	-6°	-6°	SNM.. 1906..	2,800

Reference Bezeichnung							Nm
PSC32-MSRNR/L19048-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC40-MSRNR/L22050-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSRNR/L27060-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC63-MSRNR/L35065-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSRNR/L27060-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC63-MSRNR/L35065-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC50-MSRNR/L27060-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC63-MSRNR/L35065-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC80-MSRNR/L45080-19	2614	1086	5003	ISSN-633	1674	5004	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

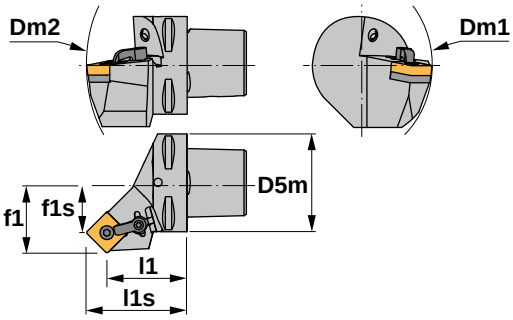
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

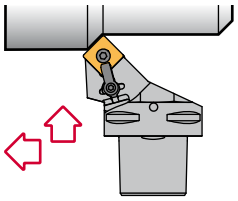
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



E

MSSN 45º

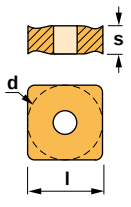
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-MSSNR/L22040-12	32	60	124	22	13.7	40	48.3	-8º	0º	SNM.. 1204..	0,210
PSC40-MSSNR/L27042-12	40	110	140	27	18.7	42	50.3	-8º	0º	SNM.. 1204..	0,350
PSC50-MSSNR/L35052-12	50	110	165	35	26.7	52	60.3	-8º	0º	SNM.. 1204..	0,700
PSC63-MSSNR/L45056-12	63	110	190	45	36.7	56	64.3	-8º	0º	SNM.. 1204..	1,120
PSC40-MSSNR/L27045-15	40	125	145	27	16.8	45	55.2	-8º	0º	SNM.. 1506..	0,400
PSC50-MSSNR/L35050-15	50	125	165	35	24.8	50	60.2	-8º	0º	SNM.. 1506..	0,680
PSC63-MSSNR/L45054-15	63	125	190	45	34.8	54	64.2	-8º	0º	SNM.. 1506..	1,140
PSC50-MSSNR/L35048-19	50	125	165	35	22.5	48	60.5	-8º	0º	SNM.. 1906..	0,700
PSC63-MSSNR/L45052-19	63	125	190	45	32.5	52	64.5	-8º	0º	SNM.. 1906..	1,130

Reference / Bezeichnung							Nm
PSC32-MSSNR/L22040-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC40-MSSNR/L27042-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC50-MSSNR/L35052-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC63-MSSNR/L45056-12	2613	1086	5003	ISSN-442	1657	5025	3.0
PSC40-MSSNR/L27045-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC50-MSSNR/L35050-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC63-MSSNR/L45054-15	2614	1086	5003	ISSN-533	1673	5003	3.0
PSC50-MSSNR/L35048-19	2614	1086	5003	ISSN-633	1674	5004	3.0
PSC63-MSSNR/L45052-19	2614	1086	5003	ISSN-633	1674	5004	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

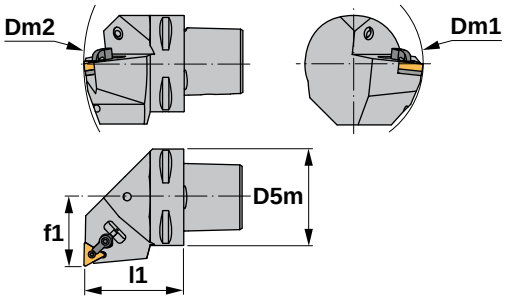
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

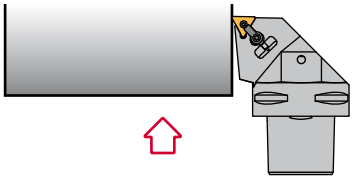
Characteristics:
Toolholder for face turning applications equipped with triangular negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Plandrehen mit einer dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



MTFN 90°

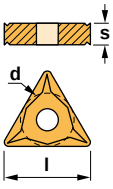
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-MTFNR/L27050-16	40	110	140	27	50	-6°	-6°	TNM.. 1604..	0,420
PSC50-MTFNR/L35060-16	50	110	165	35	60	-6°	-6°	TNM.. 1604..	0,800
PSC63-MTFNR/L45065-16	63	110	190	45	65	-6°	-6°	TNM.. 1604..	1,100

Reference Bezeichnung							Nm
PSC40-MTFNR/L27050-16	2604	1085	5025	ITSN-342	1675	5002	2.0
PSC50-MTFNR/L35060-16	2604	1085	5025	ITSN-342	1675	5002	2.0
PSC63-MTFNR/L45065-16	2604	1085	5025	ITSN-342	1675	5002	2.0

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

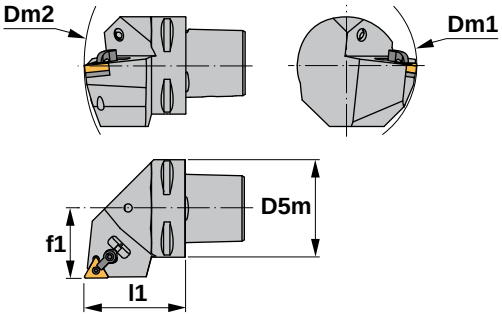
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52



TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

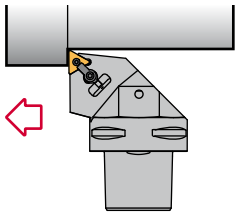
Characteristics:
Toolholder for external turning applications equipped with triangular negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Außendrehen mit einer dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



E

MTGN 90º

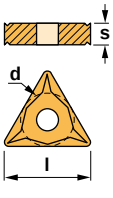
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-MTGNR/L27050-16	40	110	140	27	50	-6º	-6º	TNM.. 1604..	0,420
PSC50-MTGNR/L35060-16	50	110	165	35	60	-6º	-6º	TNM.. 1604..	0,800
PSC63-MTGNR/L45065-16	63	110	190	45	65	-6º	-6º	TNM.. 1604..	1,100

Reference / Bezeichnung							Nm
PSC40-MTGNR/L27050-16	2604	1085	5025	ITSN-342	1675	5002	2.0
PSC50-MTGNR/L35060-16	2604	1085	5025	ITSN-342	1675	5002	2.0
PSC63-MTGNR/L45065-16	2604	1085	5025	ITSN-342	1675	5002	2.0

TNM..

Triangular negative inserts. Dreikantige negative WSP. A45-46

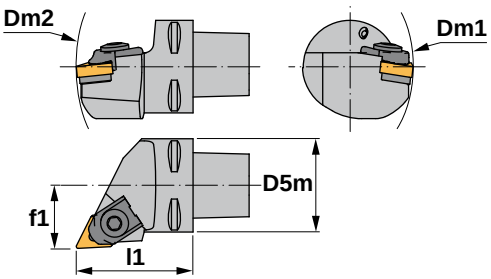
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52



TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

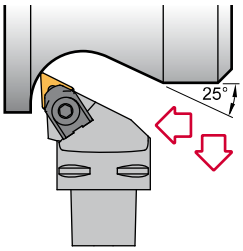
Characteristics:
Toolholder for external turning applications equipped with triangular negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Außendrehen mit einer dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



MTJN 93°

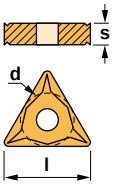
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-MTJNR/L22040-16	32	60	116	22	40	-6º	-6º	TNM.. 1604..	0,210
PSC40-MTJNR/L27050-16	40	110	140	27	50	-6º	-6º	TNM.. 1604..	0,420
PSC50-MTJNR/L35060-16	50	110	165	35	60	-6º	-6º	TNM.. 1604..	0,800
PSC63-MTJNR/L45065-16	63	110	190	45	65	-6º	-6º	TNM.. 1604..	1,100
PSC40-MTJNR/L27050-22	40	110	140	27	50	-6º	-6º	TNM.. 2204..	0,420
PSC50-MTJNR/L35060-22	50	110	165	35	60	-6º	-6º	TNM.. 2204..	0,800
PSC63-MTJNR/L45065-22	63	110	190	45	65	-6º	-6º	TNM.. 2204..	1,100

Reference Bezeichnung						Nm
PSC32-MTJNR/L22040-16	2014	5005	3414	1644	1393	4.0
PSC40-MTJNR/L27050-16	2014	5005	3414	1644	1393	4.0
PSC50-MTJNR/L35060-16	2014	5005	3414	1642	1393	4.0
PSC63-MTJNR/L45065-16	2014	5005	3414	1642	1393	4.0
PSC40-MTJNR/L27050-22	2024	5005	ITSN-433	1661	1394	4.0
PSC50-MTJNR/L35060-22	2024	5005	ITSN-433	1661	1394	4.0
PSC63-MTJNR/L45065-22	2024	5005	ITSN-433	1661	1394	4.0

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

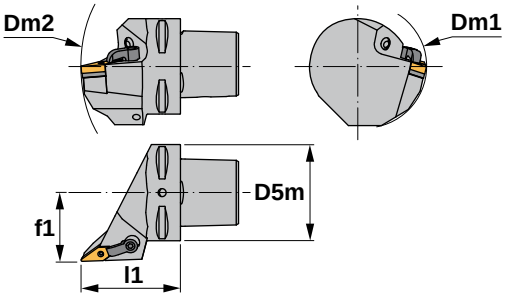
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

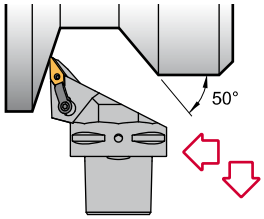
Characteristics:
Toolholder for very specific operations equipped with rhombic negative inserts (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter für sehr spezifische Anwendungen mit einer rhombischen negativen Wendeschneidplatte (Winkel 35º).
PSC mit Innenkühlung.

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



E

MVJN 93º

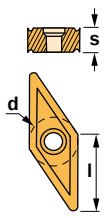
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-MVJNR/L27062-16	40	60	152	27	62	-4º	-13º	VN.. 1604..	0,450
PSC50-MVJNR/L35065-16	50	65	170	35	65	-4º	-13º	VN.. 1604..	0,790
PSC63-MVJNR/L45065-16	63	81	190	45	65	-4º	-13º	VN.. 1604..	1,100
PSC80-MVJNR/L55080-16	80	100	250	55	80	-4º	-13º	VN.. 1604..	2,740

Reference / Bezeichnung							Nm
PSC40-MVJNR/L27062-16	2616	1086	5003	IVSN-322	1665	5002	2.0
PSC50-MVJNR/L35065-16	2616	1086	5003	IVSN-322	1665	5002	2.0
PSC63-MVJNR/L45065-16	2616	1086	5003	IVSN-322	1665	5002	2.0
PSC80-MVJNR/L55080-16	2616	1086	5003	IVSN-322	1665	5002	2.0

VN..

35º rhombic negative inserts. 35° rhombische negative Wendeschneidplatten. A49

Reference / Bez	l	s	d
VN.. 1604..	16,50	4,76	9,52



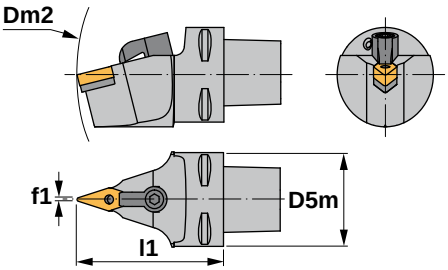
VNGP

VNMG

VNMG-TC

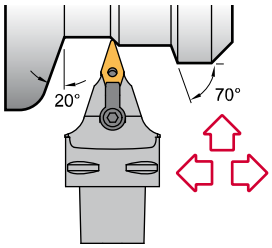
Characteristics:
Profiling toolholder equipped with rhombic negative double-sided insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 35º).
PSC mit Innenkühlung.

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



MVVN 72º 30’

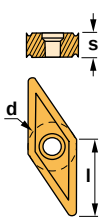
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert sie Wendeschneidplatte	Kg
PSC40-MVVNN00062-16	40	152	0.6	62	-4º	-13º	VN.. 1604..	0,430
PSC50-MVVNN00065-16	50	170	0.6	65	-4º	-13º	VN.. 1604..	0,800
PSC63-MVVNN00065-16	63	190	0.6	65	-4º	-13º	VN.. 1604..	1,070
PSC80-MVVNN00080-16	80	250	0.6	80	-4º	-13º	VN.. 1604..	2,320

Reference Bezeichnung							Nm
PSC40-MVVNN00062-16	2604	1085	5025	IVSN-322	1665	5002	2.0
PSC50-MVVNN00065-16	2604	1085	5025	IVSN-322	1665	5002	2.0
PSC63-MVVNN00065-16	2604	1085	5025	IVSN-322	1665	5002	2.0
PSC80-MVVNN00080-16	2604	1085	5025	IVSN-322	1665	5002	2.0

VN..

35º rhombic negative inserts. A49
35° rhombische negative Wendeschneidplatten.

Reference / Bez	l	s	d
VN.. 1604..	16,50	4,76	9,52



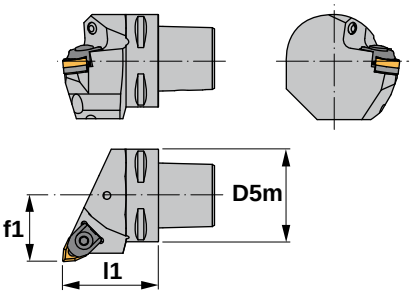
VNGP

VNMG

VNMG-TC

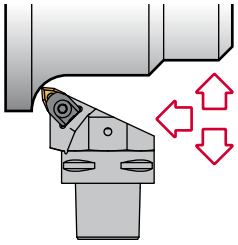
Characteristics:
Multipurpose toolholder equipped with trigon negative double-sided insert (angle 80º).
PSC with internal coolant.

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



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

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



E

MWLN 95º

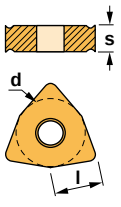
Reference / Bezeichnung	D5m	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-MWLNR/L22040-06	32	22	40	-6º	-6º	WNMG 0604..	0,210
PSC40-MWLNR/L27050-06	40	27	50	-6º	-6º	WNMG 0604..	0,420
PSC40-MWLNR/L27050-08	40	27	50	-6º	-6º	WNMG 0804..	0,420
PSC50-MWLNR/L35060-08	50	35	60	-6º	-6º	WNMG 0804..	0,800
PSC63-MWLNR/L45065-08	63	45	65	-6º	-6º	WNMG 0804..	1,100
PSC80-MWLNR/L55080-08	80	55	80	-6º	-6º	WNMG 0804..	2,740

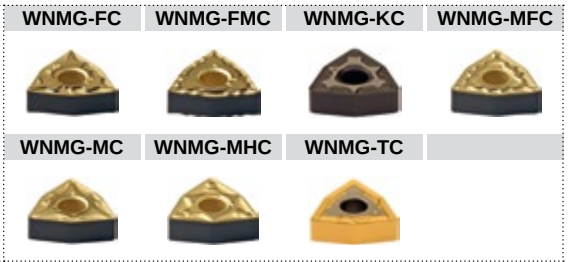
Reference / Bezeichnung						Nm
PSC32-MWLNR/L22040-06	2006	5025	3006	1644	1813	2.0
PSC40-MWLNR/L27050-06	2006	5025	3006	1642	1393	2.0
PSC40-MWLNR/L27050-08	2011	5005	IWSN-433	1661	1394	4.0
PSC50-MWLNR/L35060-08	2011	5005	IWSN-433	1661	1394	4.0
PSC63-MWLNR/L45065-08	2011	5005	IWSN-433	1661	1394	4.0
PSC80-MWLNR/L55080-08	2011	5005	IWSN-433	1661	1394	4.0

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

Reference / Bez	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70



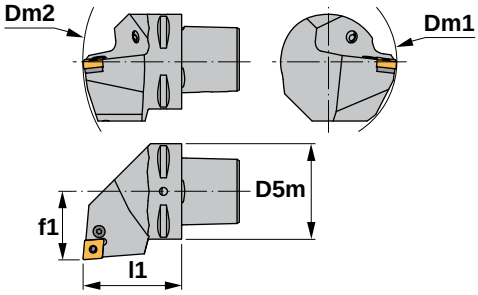


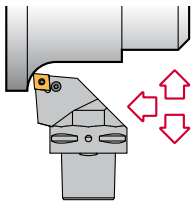
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80º). PSC with internal coolant.

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

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

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





PCLN 95º

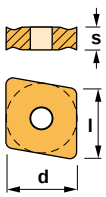
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-PCLNR/L22040-12	32	60	124	22	40	-6º	-6º	CN.. 1204..	0,210
PSC40-PCLNR/L27050-12	40	110	140	27	50	-6º	-6º	CN.. 1204..	0,420
PSC50-PCLNR/L35060-12	50	110	165	35	60	-6º	-6º	CN.. 1204..	0,800
PSC63-PCLNR/L45065-12	63	110	190	45	65	-6º	-6º	CN.. 1204..	1,100
PSC80-PCLNR/L55080-12	80	110	250	55	80	-6º	-6º	CN.. 1204..	2,740
PSC40-PCLNR/L27050-16	40	125	140	27	50	-6º	-6º	CN.. 1606..	0,420
PSC50-PCLNR/L35060-16	50	125	165	35	60	-6º	-6º	CN.. 1606..	0,800
PSC63-PCLNR/L45065-16	63	125	190	45	65	-6º	-6º	CN.. 1606..	1,100
PSC80-PCLNR/L55080-16	80	125	250	55	80	-6º	-6º	CN.. 1606..	2,740
PSC50-PCLNR/L35060-19	50	125	165	35	60	-6º	-6º	CN.. 1906..	0,800
PSC63-PCLNR/L45065-19	63	125	190	45	65	-6º	-6º	CN.. 1906..	1,100
PSC80-PCLNR/L55080-19	80	125	250	55	80	-6º	-6º	CN.. 1906..	2,740
PSC80-PCLNR/L55080-25	80	150	250	55	80	-6º	-6º	CN.. 2509..	2,740

Reference Bezeichnung							Nm
PSC32-PCLNR/L22040-12	8012	1608	5003	3612	4112	0012	3.0
PSC40-PCLNR/L27050-12	8012	1608	5003	3612	4112	0012	3.0
PSC50-PCLNR/L35060-12	8012	1608	5003	3612	4112	0012	3.0
PSC63-PCLNR/L45065-12	8012	1608	5003	3612	4112	0012	3.0
PSC80-PCLNR/L55080-12	8012	1608	5003	3612	4112	0012	3.0
PSC40-PCLNR/L27050-16	8016	1618	5003	3616	4115	0015	3.0
PSC50-PCLNR/L35060-16	8016	1618	5003	3616	4115	0015	3.0
PSC63-PCLNR/L45065-16	8016	1618	5003	3616	4115	0015	3.0
PSC80-PCLNR/L55080-16	8016	1618	5003	3616	4115	0015	3.0
PSC50-PCLNR/L35060-19	8019	1610	5004	3619	4119	0019	3.5
PSC63-PCLNR/L45065-19	8019	1610	5004	3619	4119	0019	3.5
PSC80-PCLNR/L55080-19	8019	1610	5004	3619	4119	0019	3.5
PSC80-PCLNR/L55080-25	8025	1612	5005	3625	4125	0025	4.0

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05
CN.. 2509..	25,80	9,52	25,40

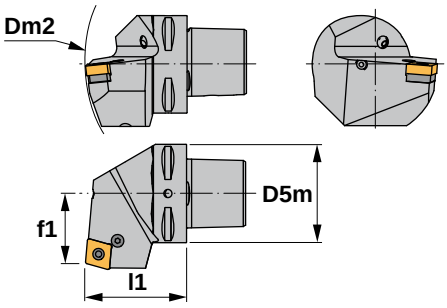


CNMG-CC | CNMG-FC | CNMG-FMC | CNMG-KC | CNMG-MC

CNMG-MFC | CNMG-MHC | CNMG-RC | CNMG-TC | CNMM

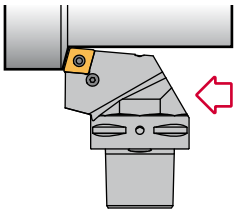
Characteristics:
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80º).
PSC with internal coolant.

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



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

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



PCRN 75º

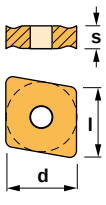
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC50-PCRNR/L27060-12	50	165	27	60	-6º	-6º	CN.. 1204..	0,800
PSC63-PCRNR/L35065-12	63	190	35	65	-6º	-6º	CN.. 1204..	1,400
PSC50-PCRNR/L27060-16	50	165	27	60	-6º	-6º	CN.. 1606..	0,800
PSC63-PCRNR/L35065-16	63	190	35	65	-6º	-6º	CN.. 1606..	1,400
PSC50-PCRNR/L27060-19	50	165	27	60	-6º	-6º	CN.. 1906..	0,800
PSC63-PCRNR/L35065-19	63	190	35	65	-6º	-6º	CN.. 1906..	1,400

Reference Bezeichnung							Nm
PSC50-PCRNR/L27060-12	8012	1608	5003	3612	4112	0012	3.0
PSC63-PCRNR/L35065-12	8012	1608	5003	3612	4112	0012	3.0
PSC50-PCRNR/L27060-16	8016	1618	5003	3616	4115	0015	3.0
PSC63-PCRNR/L35065-16	8016	1618	5003	3616	4115	0015	3.0
PSC50-PCRNR/L27060-19	8019	1610	5004	3619	4119	0019	3.5
PSC63-PCRNR/L35065-19	8019	1610	5004	3619	4119	0019	3.5

CN..

80º rhombic negative inserts.
80º rhombische negative WSP. A32-34

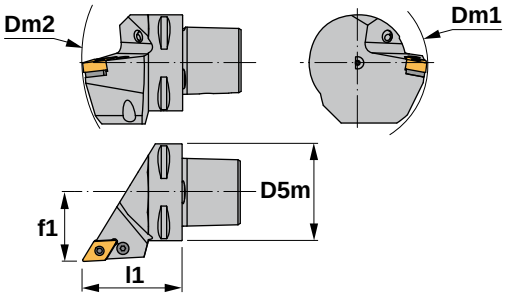
Reference / Bez	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

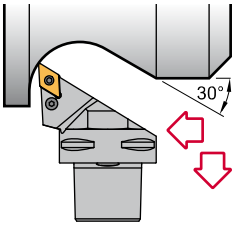
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



E

PDJN 93º

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC50-PDJNR/L35060-11	50	110	165	35	60	-6º	-7º	DN.. 1104..	0,800
PSC40-PDJNR/L27055-15	40	65	145	27	55	-6º	-7º	DN.. 1506..	0,430
PSC50-PDJNR/L35060-15	50	65	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-PDJNR/L45065-15	63	95	195	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-PDJNR/L55080-15	80	130	250	55	80	-6º	-7º	DN.. 1506..	2,740

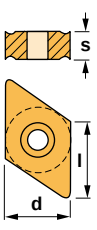
Reference Bezeichnung									Nm
PSC50-PDJNR/L35060-11	8009	1606	5025	3711	4109	0009	-	-	2.0
PSC40-PDJNR/L27055-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC50-PDJNR/L35060-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC63-PDJNR/L45065-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC80-PDJNR/L55080-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0

For inserts DNM.. 1504..
Für Wendeschneidplatten DNM.. 1504

DN..

55º rhombic negative inserts. A36-37
55º rhombische negative Wendeschneidplatten.

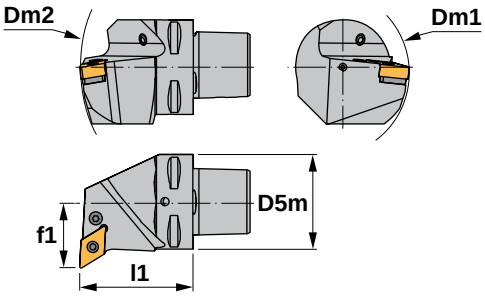
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1504..	15,50	4,76	12,70
DN.. 1506..	15,50	6,35	12,70



DNMG-FC	DNMG-FMC	DNMG-KC	DNMG-MC
			
DNMG-MFC	**DNMG-MHC**	**DNMG-TC**	**DNMX**
			

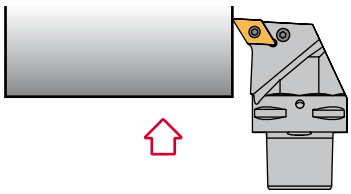
Characteristics:
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55º).
PSC with internal coolant.

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



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

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



E

PDUN 93º

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-PDUNR/L27050-15	40	110	140	27	50	-6º	-7º	DN.. 1506..	0,420
PSC50-PDUNR/L35060-15	50	110	165	35	60	-6º	-7º	DN.. 1506..	0,800
PSC63-PDUNR/L45065-15	63	110	190	45	65	-6º	-7º	DN.. 1506..	1,100
PSC80-PDUNR/L55080-15	80	110	250	55	80	-6º	-7º	DN.. 1506..	2,740

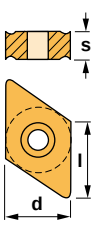
Reference Bezeichnung									Nm
PSC40-PDUNR/L27050-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC50-PDUNR/L35060-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC63-PDUNR/L45065-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC80-PDUNR/L55080-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0

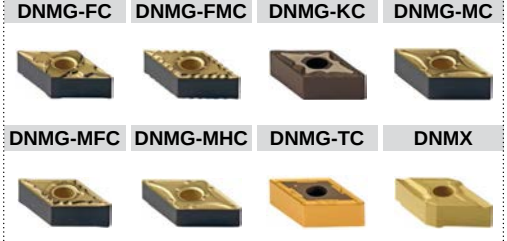
For inserts DNM.. 1504..
Für Wendeschneidplatten DNM.. 1504

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

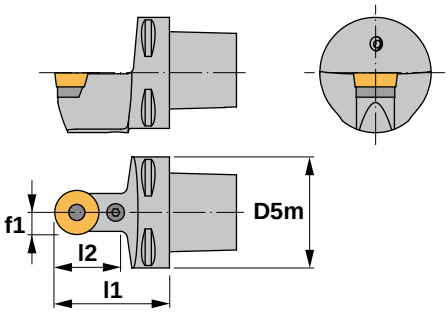
Reference / Bez	l	s	d
DN.. 1506..	15,50	6,35	12,70





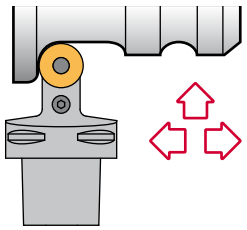
Characteristics:
Profiling toolholder equipped with round positive insert. PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Profildrehen mit einer runden positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



PRDC

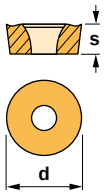
Reference Bezeichnung	D5m	f1	l1	γ1)	λs2)	l2	Insert size Wendeschneidplatte	Kg
PSC63-PRDCN00065-25	63	12.5	65	0º	0º	40	RC.. 2507M0	1,070
PSC80-PRDCN00080-25	80	12.5	80	0º	0º	40	RC.. 2507M0	2,320
PSC80-PRDCN00080-32	80	16.0	80	0º	0º	45	RC.. 3209M0	2,320

Reference Bezeichnung							Nm
PSC63-PRDCN00065-25	8125	1710	5004	3825	4119	0019	3.5
PSC80-PRDCN00080-25	8125	1710	5004	3825	4119	0019	3.5
PSC80-PRDCN00080-32	8132	1612	5005	3832	4125	0025	4.0

RC..

Round positive inserts with 7º clearance.
Runde positive Wendeschneidplatten mit 7º Freiwinkel. A38-39

Reference / Bez	s	d
RC.. 2507M0	7,94	25,00
RC.. 3209M0	9,52	32,00



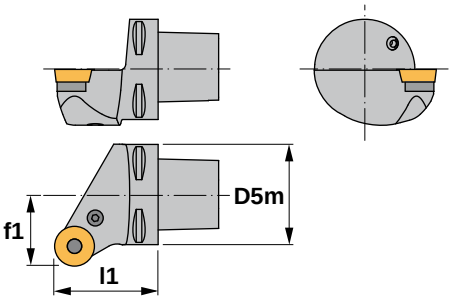
RCGT-AL

RCGT-AP

RCMT

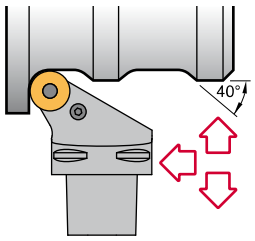
Characteristics:
Profiling toolholder equipped with round positive insert. PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Profildrehen mit einer runden positiven Wendeschneidplatten.
PSC mit Innenkühlung.

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



E

PRSC

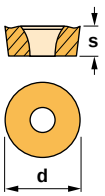
Reference Bezeichnung	D5m	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC80-PRSCR/L55080-20	80	55	80	0º	0º	RC.. 2006M0	2,740
PSC63-PRSCR/L45065-25	63	45	65	0º	0º	RC.. 2507M0	1,100
PSC80-PRSCR/L55080-25	80	55	80	0º	0º	RC.. 2507M0	2,740
PSC80-PRSCR/L55080-32	80	55	80	0º	0º	RC.. 3209M0	2,740

Reference Bezeichnung							Nm
PSC80-PRSCR/L55080-20	8120	1708	5003	3820	4115	0015	3.0
PSC63-PRSCR/L45065-25	8125	1710	5004	3825	4119	0019	3.5
PSC80-PRSCR/L55080-25	8125	1710	5004	3825	4119	0019	3.5
PSC80-PRSCR/L55080-32	8132	1612	5005	3832	4125	0025	4.0

RC..

Round positive inserts with 7º clearance.
Runde positive Wendeschneidplatten mit 7º Freiwinkel. A38-39

Reference / Bez	s	d
RC.. 2006M0	6,35	20,00
RC.. 2507M0	7,94	25,00
RC.. 3209M0	9,52	32,00



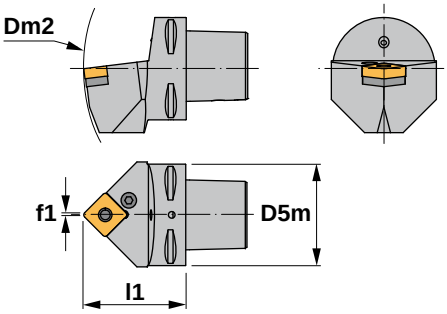
RCGT-AL

RCGT-AP

RCMT

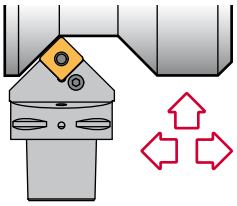
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



PSDN 45º

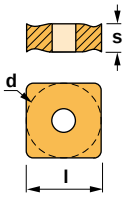
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-PSDNN00050-12	40	140	0.3	50	-6º	-6º	SNM.. 1204..	0,350
PSC50-PSDNN00060-12	50	165	0.3	60	-6º	-6º	SNM.. 1204..	0,750
PSC63-PSDNN00065-12	63	190	0.3	65	-6º	-6º	SNM.. 1204..	1,070
PSC40-PSDNN00050-15	40	140	0.5	50	-6º	-6º	SNM.. 1506..	0,350
PSC50-PSDNN00060-15	50	165	0.5	60	-6º	-6º	SNM.. 1506..	0,750
PSC63-PSDNN00065-15	63	190	0.5	65	-6º	-6º	SNM.. 1506..	1,070
PSC50-PSDNN00060-19	50	170	0.5	60	-6º	-6º	SNM.. 1906..	0,750
PSC63-PSDNN00065-19	63	195	0.5	65	-6º	-6º	SNM.. 1906..	1,070
PSC63-PSDNN00065-25	63	195	1.0	65	-6º	-6º	SNM.. 2507..	1,070
PSC80-PSDNN00080-25	80	250	1.0	80	-6º	-6º	SNM.. 2507..	2,320

Reference Bezeichnung							Nm
PSC40-PSDNN00050-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSDNN00060-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSDNN00065-12	8012	1608	5003	3512	4112	0012	3.0
PSC40-PSDNN00050-15	8016	1618	5003	3515	4115	0015	3.0
PSC50-PSDNN00060-15	8016	1618	5003	3515	4115	0015	3.0
PSC63-PSDNN00065-15	8016	1618	5003	3515	4115	0015	3.0
PSC50-PSDNN00060-19	8019	1610	5004	3519	4119	0019	3.5
PSC63-PSDNN00065-19	8019	1610	5004	3519	4119	0019	3.5
PSC63-PSDNN00065-25	8025	1612	5005	3525	4125	0025	4.0
PSC80-PSDNN00080-25	8025	1612	5005	3525	4125	0025	4.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

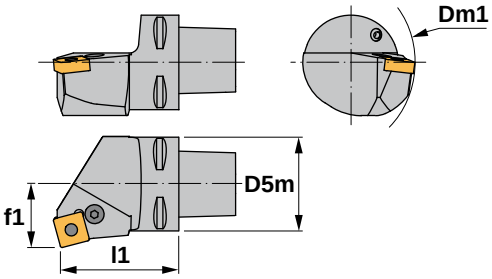
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

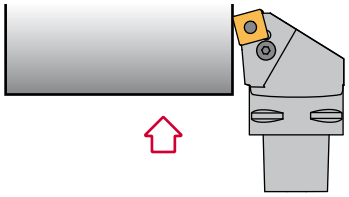
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



PSKN 75º

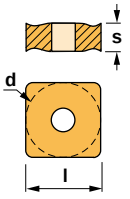
Reference Bezeichnung	D5m	Dm1 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-PSKNR/L27050-12	40	110	27	50	-6º	-6º	SNM.. 1204..	0,420
PSC50-PSKNR/L35060-12	50	110	35	60	-6º	-6º	SNM.. 1204..	0,800
PSC63-PSKNR/L45065-12	63	110	45	65	-6º	-6º	SNM.. 1204..	1,100
PSC50-PSKNR/L35060-15	50	125	35	60	-6º	-6º	SNM.. 1506..	0,800
PSC63-PSKNR/L45065-15	63	125	45	65	-6º	-6º	SNM.. 1506..	1,100
PSC50-PSKNR/L35060-19	50	125	35	60	-6º	-6º	SNM.. 1906..	0,800
PSC63-PSKNR/L45065-19	63	125	45	65	-6º	-6º	SNM.. 1906..	1,100
PSC80-PSKNR/L55080-19	80	125	55	80	-6º	-6º	SNM.. 1906..	2,740
PSC80-PSKNR/L55080-25	80	150	55	80	-6º	-6º	SNM.. 2507..	2,740

Reference Bezeichnung							Nm
PSC40-PSKNR/L27050-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSKNR/L35060-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSKNR/L45065-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSKNR/L35060-15	8016	1618	5003	3515	4115	0015	3.0
PSC63-PSKNR/L45065-15	8016	1618	5003	3515	4115	0015	3.0
PSC50-PSKNR/L35060-19	8019	1610	5004	3519	4119	0019	3.5
PSC63-PSKNR/L45065-19	8019	1610	5004	3519	4119	0019	3.5
PSC80-PSKNR/L55080-19	8019	1610	5004	3519	4119	0019	3.5
PSC80-PSKNR/L55080-25	8025	1612	5005	3525	4125	0025	4.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

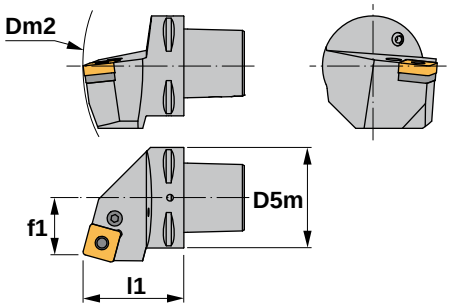
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

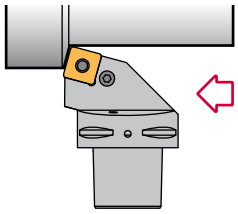
Characteristics:
Toolholder for face turning applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



PSRN 75º

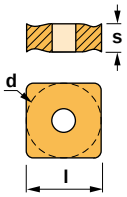
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-PSRNR/L17040-12	32	124	17	40	-6º	-6º	SNM.. 1204..	0,200
PSC40-PSRNR/L22050-12	40	140	22	50	-6º	-6º	SNM.. 1204..	0,420
PSC50-PSRNR/L27060-12	50	165	27	60	-6º	-6º	SNM.. 1204..	0,800
PSC63-PSRNR/L35065-12	63	190	35	65	-6º	-6º	SNM.. 1204..	1,400
PSC50-PSRNR/L27060-15	50	165	27	60	-6º	-6º	SNM.. 1506..	0,800
PSC63-PSRNR/L35065-15	63	190	35	65	-6º	-6º	SNM.. 1506..	1,400
PSC50-PSRNR/L27060-19	50	165	27	60	-6º	-6º	SNM.. 1906..	0,800
PSC63-PSRNR/L35065-19	63	190	35	65	-6º	-6º	SNM.. 1906..	1,400
PSC80-PSRNR/L45080-19	80	250	45	80	-6º	-6º	SNM.. 1906..	2,800
PSC80-PSRNR/L45080-25	80	250	45	80	-6º	-6º	SNM.. 2507..	2,800

Reference / Bezeichnung							Nm
PSC32-PSRNR/L17040-12	8012	1608	5003	3512	4112	0012	3.0
PSC40-PSRNR/L22050-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSRNR/L27060-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSRNR/L35065-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSRNR/L27060-15	8016	1618	5003	3515	4115	0015	3.0
PSC63-PSRNR/L35065-15	8016	1618	5003	3515	4115	0015	3.0
PSC50-PSRNR/L27060-19	8019	1610	5004	3519	4119	0019	3.5
PSC63-PSRNR/L35065-19	8019	1610	5004	3519	4119	0019	3.5
PSC80-PSRNR/L45080-19	8019	1610	5004	3519	4119	0019	3.5
PSC80-PSRNR/L45080-25	8025	1612	5005	3525	4125	0025	4.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

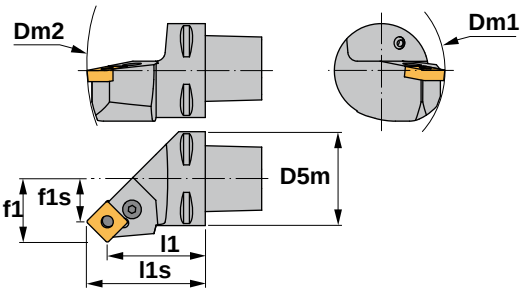
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

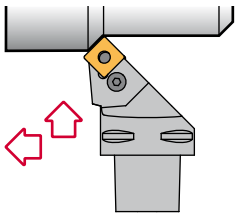
Characteristics:
Toolholder for external turning and chamfering applications equipped with square negative inserts.
PSC with internal coolant.

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



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

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



PSSN 45º

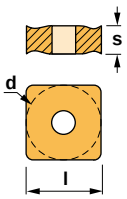
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-PSSNR/L22032-12	32	60	124	22	13.7	32	40.3	-8º	0º	SNM.. 1204..	0,180
PSC40-PSSNR/L27042-12	40	110	140	27	18.7	42	50.3	-8º	0º	SNM.. 1204..	0,350
PSC50-PSSNR/L35052-12	50	110	165	35	26.7	52	60.3	-8º	0º	SNM.. 1204..	0,700
PSC63-PSSNR/L45056-12	63	110	190	45	36.7	56	64.3	-8º	0º	SNM.. 1204..	1,120
PSC63-PSSNR/L45054-15	63	125	190	45	34.8	54	64.2	-8º	0º	SNM.. 1506..	1,140
PSC63-PSSNR/L45052-19	63	125	190	45	32.5	52	64.5	-8º	0º	SNM.. 1906..	1,130
PSC80-PSSNR/L55070-25	80	150	256	55	39.0	70	86.0	-8º	0º	SNM.. 2507..	2,620

Reference Bezeichnung							Nm
PSC32-PSSNR/L22032-12	8012	1608	5003	3512	4112	0012	3.0
PSC40-PSSNR/L27042-12	8012	1608	5003	3512	4112	0012	3.0
PSC50-PSSNR/L35052-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSSNR/L45056-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSSNR/L45054-15	8016	1618	5003	3515	4115	0015	3.0
PSC63-PSSNR/L45052-19	8019	1610	5004	3519	4119	0019	3.5
PSC80-PSSNR/L55070-25	8025	1612	5005	3525	4125	0025	4.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

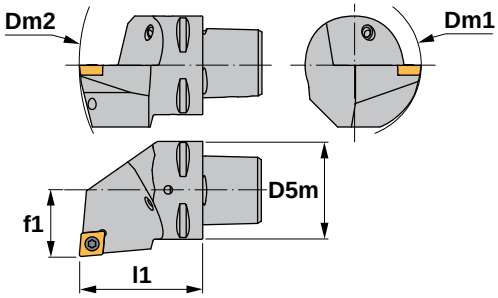
Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40



SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

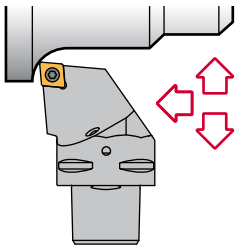
Characteristics:
Multipurpose toolholder equipped with rhombic positive insert (angle 80º).
PSC with internal coolant.

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



Eigenschaften:
Multifuktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.

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



SCLC 95º

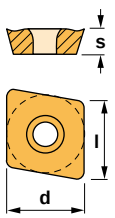
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SCLCR/L22040-09	32	80	124	22	40	0º	0º	CC.. 09T3..	0,210
PSC40-SCLCR/L27050-09	40	80	140	27	50	0º	0º	CC.. 09T3..	0,420
PSC50-SCLCR/L35060-09	50	80	165	35	60	0º	0º	CC.. 09T3..	0,800
PSC63-SCLCR/L45065-09	63	80	190	45	65	0º	0º	CC.. 09T3..	1,100
PSC32-SCLCR/L22040-12	32	110	124	22	40	0º	0º	CC.. 1204..	0,210
PSC40-SCLCR/L27050-12	40	110	140	27	50	0º	0º	CC.. 1204..	0,420
PSC50-SCLCR/L35060-12	50	110	165	35	60	0º	0º	CC.. 1204..	0,800
PSC63-SCLCR/L45065-12	63	110	190	45	65	0º	0º	CC.. 1204..	1,100

Reference / Bezeichnung					Nm
PSC32-SCLCR/L22040-09	1240	5515	-	-	3.0
PSC40-SCLCR/L27050-09	1240	5515	-	-	3.0
PSC50-SCLCR/L35060-09	1240	5515	-	-	3.0
PSC63-SCLCR/L45065-09	1240	5515	-	-	3.0
PSC32-SCLCR/L22040-12	1540	5517	3614	1760	3.0
PSC40-SCLCR/L27050-12	1540	5517	3614	1760	3.0
PSC50-SCLCR/L35060-12	1540	5517	3614	1760	3.0
PSC63-SCLCR/L45065-12	1540	5517	3614	1760	3.0

CC..

80º rhombic positive inserts with 7º clearance.
80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

Reference / Bez	l	s	d
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

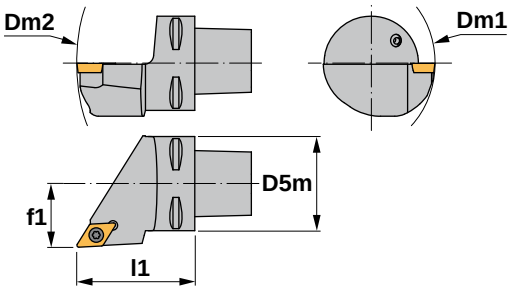


CCGT-AL | CCGT-AP


CCMT | CCMW

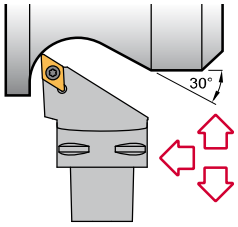

Characteristics:
Multipurpose toolholder equipped with rhombic positive insert (angle 55º).
PSC with internal coolant.

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



Eigenschaften:
Multifuktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (55º Winkel).
PSC mit Innenkühlung.

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



E

SDJC 93º

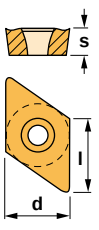
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SDJCR/L22040-07	32	80	124	22	40	0º	0º	DC.. 0702..	0,210
PSC40-SDJCR/L27050-07	40	80	140	27	50	0º	0º	DC.. 0702..	0,420
PSC32-SDJCR/L22040-11	32	110	124	22	40	0º	0º	DC.. 11T3..	0,210
PSC40-SDJCR/L27050-11	40	110	140	27	50	0º	0º	DC.. 11T3..	0,420
PSC50-SDJCR/L35060-11	50	110	165	35	60	0º	0º	DC.. 11T3..	0,800
PSC63-SDJCR/L45065-11	63	110	190	45	65	0º	0º	DC.. 11T3..	1,100

Reference / Bezeichnung					Nm
PSC32-SDJCR/L22040-07	1225	5507	-	-	0.9
PSC40-SDJCR/L27050-07	1225	5507	-	-	0.9
PSC32-SDJCR/L22040-11	1335	5516	3714	1750	3.0
PSC40-SDJCR/L27050-11	1335	5516	3714	1750	3.0
PSC50-SDJCR/L35060-11	1335	5516	3714	1750	3.0
PSC63-SDJCR/L45065-11	1335	5516	3714	1750	3.0

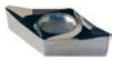
DC..

55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



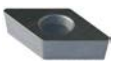
DCGT-AL



DCGT-AP

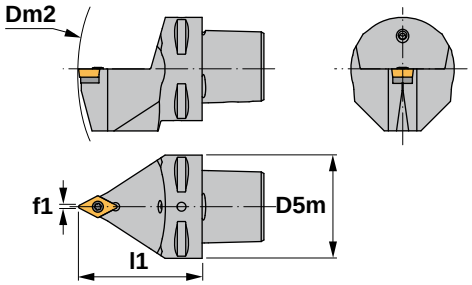
DCMT

DCMW



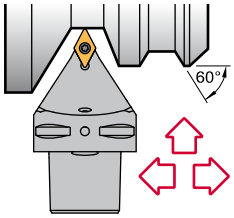
Characteristics:
Multipurpose profiling toolholder equipped with rhombic positive insert (angle 55º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Proifildrehen mit einer rhombischen positiven Wendeschneidplatte (55º Winkel).
PSC mit Innenkühlung.

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



E

SDNC 62º 30’

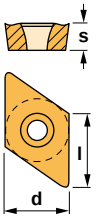
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SDNCN00040-11	32	124	0.5	40	0º	0º	DC.. 11T3..	0,160
PSC40-SDNCN00050-11	40	140	0.5	50	0º	0º	DC.. 11T3..	0,350
PSC50-SDNCN00060-11	50	165	0.5	60	0º	0º	DC.. 11T3..	0,750

Reference / Bezeichnung					Nm
PSC32-SDNCN00040-11	1335	5516	3714	1750	3.0
PSC40-SDNCN00050-11	1335	5516	3714	1750	3.0
PSC50-SDNCN00060-11	1335	5516	3714	1750	3.0

DC..

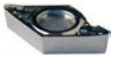
55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez	l	s	d
DC.. 11T3..	11,60	3,97	9,52



DCGT-AL

DCGT-AP

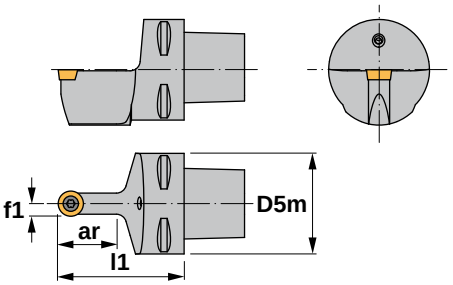


DCMT

DCMW

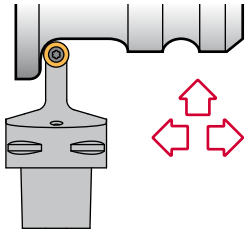
Characteristics:
Profiling toolholder equipped with round positive insert. PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Profildrehen mit einer runden positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



SRDC

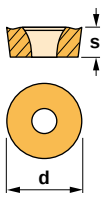
Reference Bezeichnung	ar	D5m	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SRDCN00040-06	12	32	3	40	0º	0º	RC.. 0602M0	0,160
PSC40-SRDCN00050-06	12	40	3	50	0º	0º	RC.. 0602M0	0,350
PSC50-SRDCN00060-06	12	50	3	60	0º	0º	RC.. 0602M0	0,750
PSC32-SRDCN00040-08	16	32	4	40	0º	0º	RC.. 0803M0	0,160
PSC40-SRDCN00050-08	16	40	4	50	0º	0º	RC.. 0803M0	0,350
PSC50-SRDCN00060-08	16	50	4	60	0º	0º	RC.. 0803M0	0,750
PSC32-SRDCN00040-10	20	32	5	40	0º	0º	RC.. 10T3M0	0,160
PSC40-SRDCN00050-10	25	40	5	50	0º	0º	RC.. 10T3M0	0,350
PSC50-SRDCN00060-10	25	50	5	60	0º	0º	RC.. 10T3M0	0,750
PSC63-SRDCN00065-10	25	63	5	65	0º	0º	RC.. 10T3M0	1,070
PSC40-SRDCN00050-12	28	40	6	50	0º	0º	RC.. 1204M0	0,350
PSC50-SRDCN00060-12	28	50	6	60	0º	0º	RC.. 1204M0	0,750
PSC63-SRDCN00065-12	28	63	6	65	0º	0º	RC.. 1204M0	1,070
PSC50-SRDCN00060-16	35	50	8	60	0º	0º	RC.. 1606M0	0,750
PSC63-SRDCN00065-16	35	63	8	65	0º	0º	RC.. 1606M0	1,070
PSC50-SRDCN00060-20	40	50	10	60	0º	0º	RC.. 2006M0	0,750
PSC63-SRDCN00065-20	40	63	10	65	0º	0º	RC.. 2006M0	1,070

Reference Bezeichnung					Nm
... -06	1225	5507	-	-	0.9
... -08	1230	5508	-	-	1.2
... -10	1335	5516	3811	1750	3.0
... -12	1335	5516	3814	1750	3.0
... -16	1540	5517	3816	1765	3.0
... -20	1260	5520	3919	1059	4.0

RC..

Round positive inserts with 7º clearance.
Runde positive Wendeschneidplatten mit 7º Freiwinkel. A38-39

Reference / Bez	s	d
RC.. 0602M0	2,38	6,00
RC.. 0803M0	3,18	8,00
RC.. 10T3M0	3,97	10,00
RC.. 1204M0	4,76	12,00
RC.. 1606M0	6,35	16,00
RC.. 2006M0	6,35	20,00



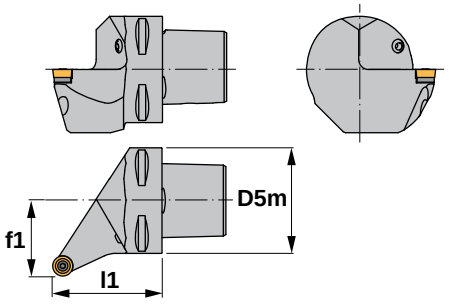
RCGT-AL

RCGT-AP

RCMT

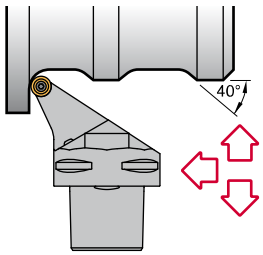
Characteristics:
Profiling toolholder equipped with round positive insert. PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Profildrehen mit einer runden positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



SRSC 45º

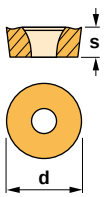
Reference / Bezeichnung	D5m	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SRSCR/L22040-06	32	22	40	0º	0º	RC.. 0602M0	0,210
PSC40-SRSCR/L27050-06	40	27	50	0º	0º	RC.. 0602M0	0,420
PSC50-SRSCR/L35060-06	50	35	60	0º	0º	RC.. 0602M0	0,800
PSC32-SRSCR/L22040-08	32	22	40	0º	0º	RC.. 0803M0	0,210
PSC40-SRSCR/L27050-08	40	27	50	0º	0º	RC.. 0803M0	0,420
PSC50-SRSCR/L35060-08	50	35	60	0º	0º	RC.. 0803M0	0,800
PSC32-SRSCR/L22040-10	32	22	40	0º	0º	RC.. 10T3M0	0,210
PSC40-SRSCR/L27050-10	40	27	50	0º	0º	RC.. 10T3M0	0,420
PSC50-SRSCR/L35060-10	50	35	60	0º	0º	RC.. 10T3M0	0,800
PSC63-SRSCR/L45065-10	63	45	65	0º	0º	RC.. 10T3M0	1,100
PSC40-SRSCR/L27050-12	40	27	50	0º	0º	RC.. 1204M0	0,420
PSC50-SRSCR/L35060-12	50	35	60	0º	0º	RC.. 1204M0	0,800
PSC63-SRSCR/L45065-12	63	45	65	0º	0º	RC.. 1204M0	1,100
PSC50-SRSCR/L35060-16	50	35	60	0º	0º	RC.. 1606M0	0,800
PSC63-SRSCR/L45065-16	63	45	65	0º	0º	RC.. 1606M0	1,100
PSC50-SRSCR/L35060-20	50	35	60	0º	0º	RC.. 2006M0	0,800
PSC63-SRSCR/L45065-20	63	45	65	0º	0º	RC.. 2006M0	1,100

Reference / Bezeichnung					Nm
... -06	1225	5507	-	-	0.9
... -08	1230	5508	-	-	1.2
... -10	1335	5516	3811	1750	3.0
... -12	1335	5516	3814	1750	3.0
... -16	1540	5517	3816	1765	3.0
... -20	1260	5520	3919	1059	4.0

RC..

Round positive inserts with 7º clearance.
Runde positive Wendeschneidplatten mit 7º Freiwinkel. A38-39

Reference / Bez	s	d
RC.. 0602M0	2,38	6,00
RC.. 0803M0	3,18	8,00
RC.. 10T3M0	3,97	10,00
RC.. 1204M0	4,76	12,00
RC.. 1606M0	6,35	16,00
RC.. 2006M0	6,35	20,00



RCGT-AL

RCGT-AP

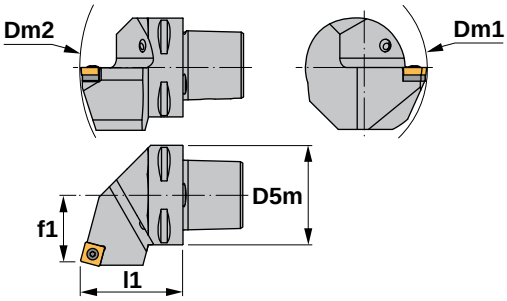
RCMT

Characteristics:

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

PSC with internal coolant.

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

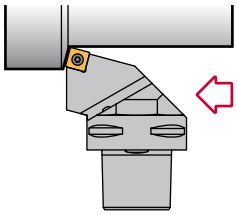


Eigenschaften:

Klemmhalter zum Außendrehen und Abschrägen mit einer vierkantigen positiven Wendeschneidplatte.

PSC mit Innenkühlung.

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



E

SSRC 75º

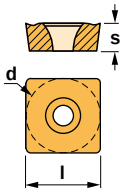
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-SSRCR/L22050-12	40	110	140	22	50	0º	0º	SC.. 1204..	0,420
PSC50-SSRCR/L27060-12	50	110	165	27	60	0º	0º	SC.. 1204..	0,800

Reference / Bezeichnung					Nm
PSC40-SSRCR/L22050-12	1540	5517	3514	1760	3.0
PSC50-SSRCR/L27060-12	1540	5517	3514	1760	3.0

SC..

Square positive inserts with 7º clearance. A40
Vierkantige positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez	l	s	d
SC.. 1204..	12,70	4,76	12,70



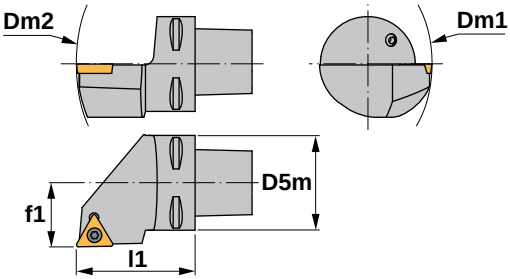
SCGT-AL

SCMT

SCMT-39

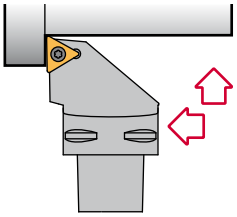
Characteristics:
Toolholder for external turning applications equipped with triangular positive inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Außendrehen mit einer dreikantigen positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



STGC 90º

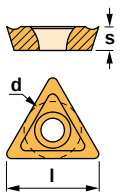
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-STGCR/L22040-11	32	80	124	22	40	0º	0º	TC.. 1102..	0,210
PSC40-STGCR/L27050-11	40	80	140	27	50	0º	0º	TC.. 1102..	0,420
PSC32-STGCR/L22040-16	32	110	124	22	40	0º	0º	TC.. 16T3..	0,210
PSC40-STGCR/L27050-16	40	110	140	27	50	0º	0º	TC.. 16T3..	0,420
PSC50-STGCR/L35060-16	50	110	165	35	60	0º	0º	TC.. 16T3..	0,800
PSC63-STGCR/L45065-16	63	110	190	45	65	0º	0º	TC.. 16T3..	1,100

Reference / Bezeichnung					Nm
PSC32-STGCR/L22040-11	1225	5507	-	-	0.9
PSC40-STGCR/L27050-11	1225	5507	-	-	0.9
PSC32-STGCR/L22040-16	1335	5516	3414	1750	3.0
PSC40-STGCR/L27050-16	1335	5516	3414	1750	3.0
PSC50-STGCR/L35060-16	1335	5516	3414	1750	3.0
PSC63-STGCR/L45065-16	1335	5516	3414	1750	3.0

TC..

Triangular positive inserts with 7º clearance. A44
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



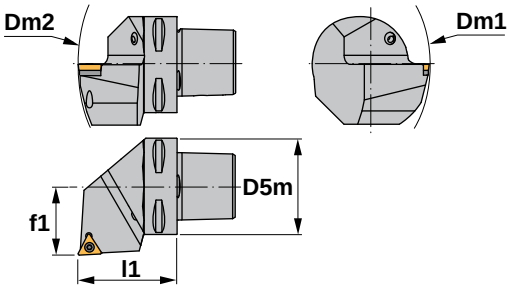
TCGT-AL

TCMT

TCMW

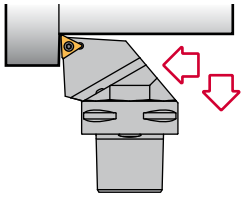
Characteristics:
Toolholder for external and face turning applications equipped with triangular positive inserts.
PSC with internal coolant.

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



Eigenschaften:
Klemmhalter zum Außen- und Plandrehen mit einer dreikantigen positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



E

STJC 93º

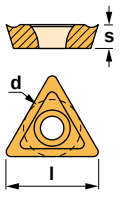
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-STJCR/L22040-11	32	80	124	22	40	0º	0º	TC.. 1102..	0,210
PSC40-STJCR/L27050-11	40	80	140	27	50	0º	0º	TC.. 1102..	0,420
PSC32-STJCR/L22040-16	32	110	124	22	40	0º	0º	TC.. 16T3..	0,210
PSC40-STJCR/L27050-16	40	110	140	27	50	0º	0º	TC.. 16T3..	0,420
PSC50-STJCR/L35060-16	50	110	165	35	60	0º	0º	TC.. 16T3..	0,800

Reference / Bezeichnung					Nm
PSC32-STJCR/L22040-11	1225	5507	-	-	0.9
PSC40-STJCR/L27050-11	1225	5507	-	-	0.9
PSC32-STJCR/L22040-16	1335	5516	3414	1750	3.0
PSC40-STJCR/L27050-16	1335	5516	3414	1750	3.0
PSC50-STJCR/L35060-16	1335	5516	3414	1750	3.0

TC..

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



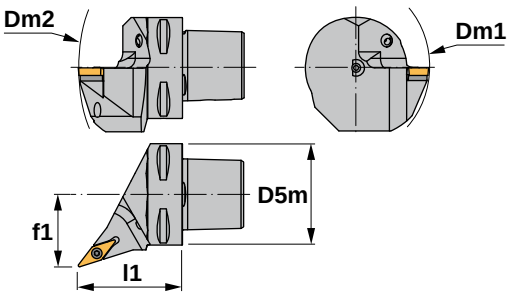
TCGT-AL

TCMT

TCMW

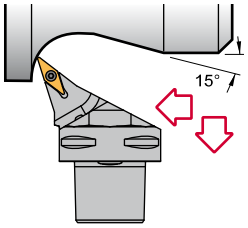
Characteristics:
Multipurpose profiling toolholder equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Proifildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



SVHB 107º 30'

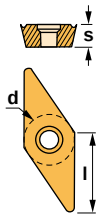
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-SVHBR/L27050-16	40	110	140	27	50	0º	0º	VBMT 1604..	0,420
PSC50-SVHBR/L35060-16	50	110	165	35	60	0º	0º	VBMT 1604..	0,800
PSC63-SVHBR/L45065-16	63	110	190	45	65	0º	0º	VBMT 1604..	1,100

Reference Bezeichnung					Nm
PSC40-SVHBR/L27050-16	1335	5516	3718	1750	3.0
PSC50-SVHBR/L35060-16	1335	5516	3718	1750	3.0
PSC63-SVHBR/L45065-16	1335	5516	3718	1750	3.0

VBMT

35º rhombic positive insert with 5º clearance. A48
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel.

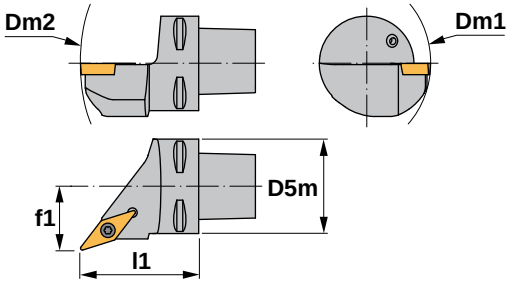
Reference / Bez	l	s	d
VBMT 1604..	16,50	4,76	9,52



VBMT

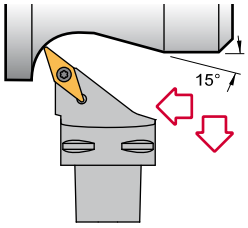
Characteristics:
Multipurpose profiling toolholder equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Proifildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



E

SVHC 107º 30’

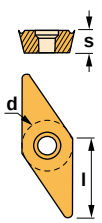
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SVHCR/L22040-11	32	80	124	22	40	0º	0º	VC.. 1103..	0,210
PSC40-SVHCR/L27050-11	40	80	140	27	50	0º	0º	VC.. 1103..	0,420
PSC50-SVHCR/L35060-11	50	80	165	35	60	0º	0º	VC.. 1103..	0,800
PSC40-SVHCR/L27050-16	40	110	140	27	50	0º	0º	VC.. 1604..	0,420
PSC50-SVHCR/L35060-16	50	110	165	35	60	0º	0º	VC.. 1604..	0,800
PSC63-SVHCR/L45065-16	63	110	190	45	65	0º	0º	VC.. 1604..	1,100

Reference Bezeichnung					Nm
PSC32-SVHCR/L22040-11	1225	5507	-	-	0.9
PSC40-SVHCR/L27050-11	1225	5507	-	-	0.9
PSC50-SVHCR/L35060-11	1225	5507	-	-	0.9
PSC40-SVHCR/L27050-16	1335	5516	3718	1750	3.0
PSC50-SVHCR/L35060-16	1335	5516	3718	1750	3.0
PSC63-SVHCR/L45065-16	1335	5516	3718	1750	3.0

VC..

35º rhombic positive inserts with 7º clearance.
35º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A48

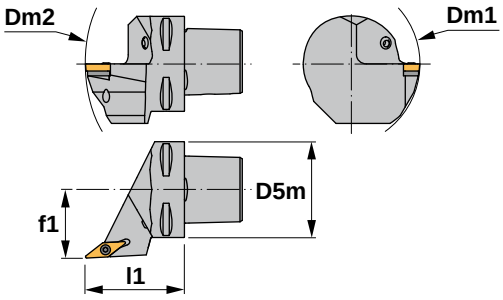
Reference / Bez	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



VCGT-AL	VCGT-AP
	
VCMT	
	

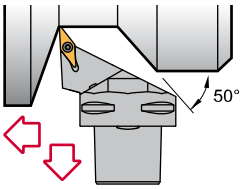
Characteristics:
Multipurpose profiling toolholder equipped with rhombic 5º positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Profildrehen mit einer 5º rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



SVJB 93º

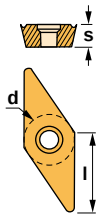
Reference / Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	kg
PSC40-SVJBR/L27050-16	40	110	145	27	50	0º	0º	VBMT 1604..	0,420
PSC50-SVJBR/L35060-16	50	110	165	35	60	0º	0º	VBMT 1604..	0,800
PSC63-SVJBR/L45065-16	63	110	190	45	65	0º	0º	VBMT 1604..	1,100

Reference / Bezeichnung					Nm
PSC40-SVJBR/L27050-16	1335	5516	3718	1750	3.0
PSC50-SVJBR/L35060-16	1335	5516	3718	1750	3.0
PSC63-SVJBR/L45065-16	1335	5516	3718	1750	3.0

VBMT

35º rhombic positive insert with 5º clearance. A48
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel.

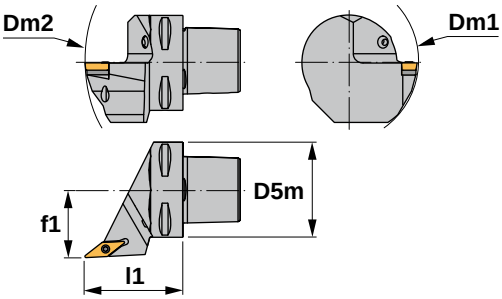
Reference / Bez	l	s	d
VBMT 1604..	16,50	4,76	9,52



VBMT

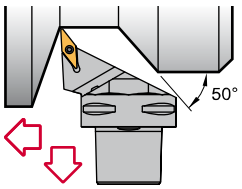
Characteristics:
Multipurpose profiling toolholder equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



E

SVJC 93º

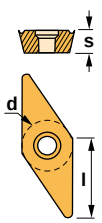
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SVJCR/L22040-11	32	80	121	22	40	0º	0º	VC.. 1103..	0,210
PSC40-SVJCR/L27050-11	40	80	145	27	50	0º	0º	VC.. 1103..	0,420
PSC50-SVJCR/L35060-11	50	80	165	35	60	0º	0º	VC.. 1103..	0,800
PSC40-SVJCR/L27050-16	40	110	145	27	50	0º	0º	VC.. 1604..	0,420
PSC50-SVJCR/L35060-16	50	110	165	35	60	0º	0º	VC.. 1604..	0,800
PSC63-SVJCR/L45065-16	63	110	190	45	65	0º	0º	VC.. 1604..	1,100

Reference Bezeichnung					Nm
PSC32-SVJCR/L22040-11	1225	5507	-	-	0.9
PSC40-SVJCR/L27050-11	1225	5507	-	-	0.9
PSC50-SVJCR/L35060-11	1225	5507	-	-	0.9
PSC40-SVJCR/L27050-16	1335	5516	3718	1750	3.0
PSC50-SVJCR/L35060-16	1335	5516	3718	1750	3.0
PSC63-SVJCR/L45065-16	1335	5516	3718	1750	3.0

VC..

35º rhombic positive inserts with 7º clearance.
35º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A48

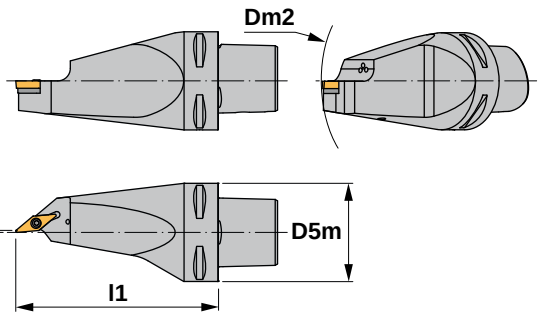
Reference / Bez	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52

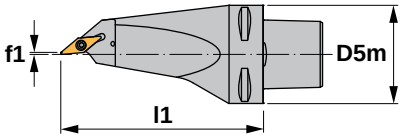


VCGT-AL	VCGT-AP
	
VCMT	
	

Characteristics:
Toolholder for multi-task machining equipped with rhombic negative inserts (angle 35º).
PSC with internal coolant.

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

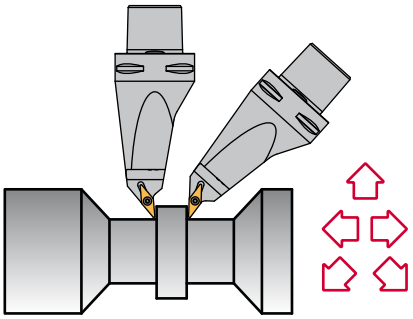




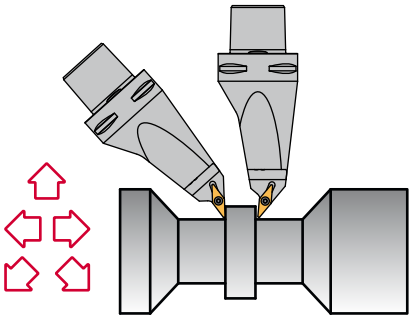
Eigenschaften:
Klemmhalter zur Multi-Task-Bearbeitung mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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

Main application
Hauptanwendung



Alternative use
Alternative Anwendung



SVMB 50º

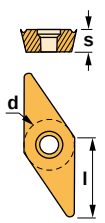
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC63-SVMBR/L00130-16	63	110	1,2	130	0º	0º	VBMT 1604..	1,690

Reference / Bezeichnung					Nm
PSC63-SVMBR/L00130-16	1335	5516	3718	1750	3.0

VBMT

35º rhombic positive insert with 5º clearance. A48
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel.

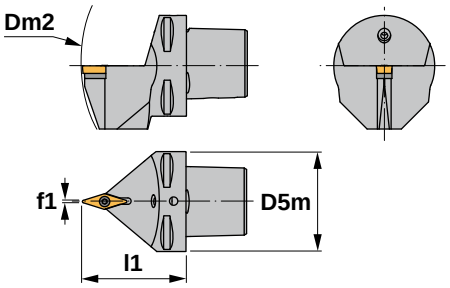
Reference / Bez	l	s	d
VBMT 1604..	16,50	4,76	9,52



VBMT

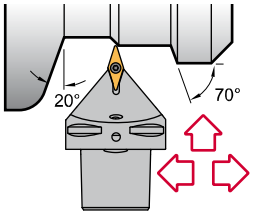
Characteristics:
Multipurpose profiling toolholder equipped with rhombic 5º positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Profildrehen mit einer 5º rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



E

SVVB 72º 30’

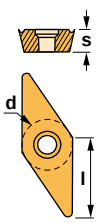
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-SVVBN00050-16	40	140	0.6	50	0º	0º	VBMT 1604..	0,350
PSC50-SVVBN00060-16	50	165	0.6	60	0º	0º	VBMT 1604..	0,750
PSC63-SVVBN00065-16	63	190	0.6	65	0º	0º	VBMT 1604..	1,070

Reference / Bezeichnung					Nm
PSC40-SVVBN00050-16	1335	5516	3718	1750	3.0
PSC50-SVVBN00060-16	1335	5516	3718	1750	3.0
PSC63-SVVBN00065-16	1335	5516	3718	1750	3.0

VBMT

35º rhombic positive insert with 5º clearance.
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel. A48

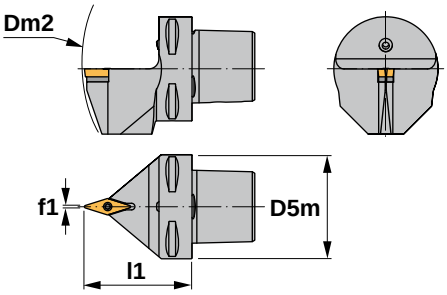
Reference / Bez	l	s	d
VBMT 1604..	16,50	4,76	9,52



VBMT

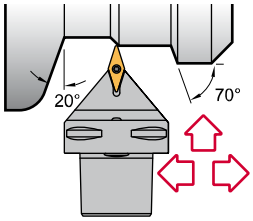
Characteristics:
Multipurpose profiling toolholder equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Klemmhalter zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



SVVC 72º 30'

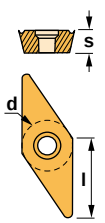
Reference / Bezeichnung	D5m	Dm2 min.	f1	l1	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SVVCN00040-11	32	124	0.3	40	0º	0º	VC.. 1103..	0,160
PSC40-SVVCN00050-11	40	140	0.3	50	0º	0º	VC.. 1103..	0,350
PSC40-SVVCN00050-16	40	140	0.6	50	0º	0º	VC.. 1604..	0,350
PSC50-SVVCN00060-16	50	165	0.6	60	0º	0º	VC.. 1604..	0,750
PSC63-SVVCN00065-16	63	190	0.6	65	0º	0º	VC.. 1604..	1,070

Reference / Bezeichnung					Nm
PSC32-SVVCN00040-11	1225	5507	-	-	0.9
PSC40-SVVCN00050-11	1225	5507	-	-	0.9
PSC40-SVVCN00050-16	1335	5516	3718	1750	3.0
PSC50-SVVCN00060-16	1335	5516	3718	1750	3.0
PSC63-SVVCN00065-16	1335	5516	3718	1750	3.0

VC..

35º rhombic positive inserts with 7º clearance.
35º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A48

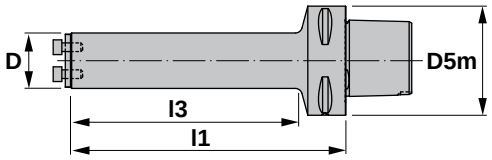
Reference / Bez	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



VCGT-AL	VCGT-AP
	
VCMT	
	

Characteristics:
Antivibratory adaptor.

Eigenschaften:
Schwingungsgedämpfte Aufnahmen.



J..

Reference Bezeichnung	D5m	D	l3	l1	Kg
PSC63-J25	63	25	103	132	1,300
PSC63-J32	63	32	129	160	1,700
PSC63-J40	63	40	169	198	2,300
PSC63-J50	63	50	212	239	3,300
PSC63-J60	63	60	263	287	5,900

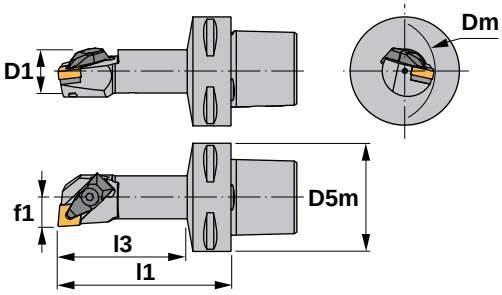
Reference Bezeichnung			Nm
PSC63-J25	1924	5025	2.0
PSC63-J32	1925	5003	3.0
PSC63-J40	1926	5004	3.5
PSC63-J50	1928	5005	4.0
PSC63-J60	1928	5005	4.0

Boring heads for anti-vibration bars.
Bohrköpfe für Schwingungsgedämpfte Bohrstangen. A238-245

MTUN 93º-N	PCLN 95º-N	PDUN 93º-N	PWLN 95º-N
			
SCLC 95º-N	**SDUC 93º-N**	**STFC 90º-N**	**STXN 90º-N**
			

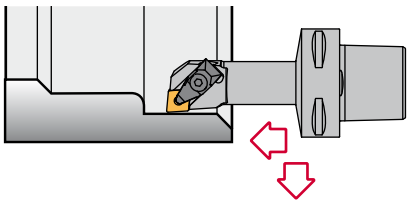
Characteristics:
Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º).
PSC with internal coolant.

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



Eigenschaften:
Bohrstange zum Innendrehen mit einer rhombischen negativen Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.

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



DCLN 95º

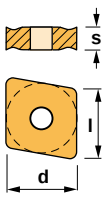
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DCLNR/L13080-09	28	20	40	13	80	57	-6º	-14º	CN.. 0903..	0,400
PSC50-DCLNR/L13080-09	28	20	50	13	80	56	-6º	-14º	CN.. 0903..	0,570
PSC40-DCLNR/L17090-12	32	25	40	17	90	68	-6º	-12º	CN.. 1204..	0,480
PSC50-DCLNR/L17090-12	32	25	50	17	90	66	-6º	-12º	CN.. 1204..	0,700
PSC63-DCLNR/L17100-12	32	25	63	17	100	72	-6º	-12º	CN.. 1204..	1,000
PSC63-DCLNR/L27140-16	50	40	63	27	140	114	-6º	-16º	CN.. 1606..	1,780

Reference Bezeichnung							Nm
PSC40-DCLNR/L13080-09	1750	ICSN-332	2708	1695	4294	5004	3.5
PSC50-DCLNR/L13080-09	1750	ICSN-332	2708	1695	4294	5004	3.5
PSC40-DCLNR/L17090-12	1766	ICSN-422	2712	1696	4295	5004	3.5
PSC50-DCLNR/L17090-12	1766	ICSN-422	2712	1696	4295	5004	3.5
PSC63-DCLNR/L17100-12	1766	ICSN-422	2712	1696	4295	5004	3.5
PSC63-DCLNR/L27140-16	1768	ICSN-533	2716	1696	4295	5004	3.5

CN..

80º rhombic negative inserts.
80° rhombische negative WSP. A32-34

Reference / Bez	l	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88

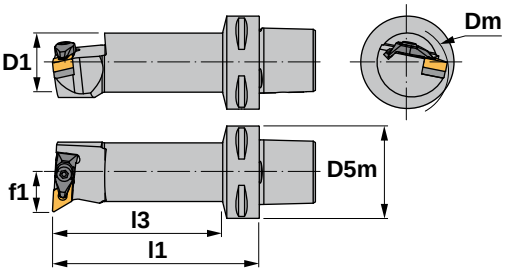


CNMG-CC | CNMG-FC | CNMG-FMC | CNMG-KC | CNMG-MC

CNMG-MFC | CNMG-MHC | CNMG-RC | CNMG-TC | CNMM

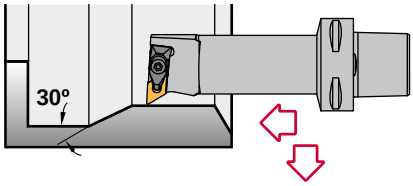
Characteristics:
Boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º).
PSC with internal coolant.

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



Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit einer rhombischen negativen Wendeschneidplatte (55º Winkel).
PSC mit Innenkühlung.

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



E

DDUN 93º

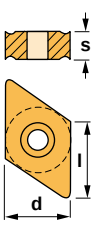
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-DDUNR/L17090-11	32	25	40	17	90	68	-6º	-12º	DN.. 1104..	0,480
PSC50-DDUNR/L17090-11	32	25	50	17	90	66	-6º	-12º	DN.. 1104..	0,700
PSC40-DDUNR/L27080-15	50	40	40	27	80	59	-6º	-11º	DN.. 1506..	0,740
PSC50-DDUNR/L27140-15	50	40	50	27	140	118	-6º	-11º	DN.. 1506..	1,470
PSC63-DDUNR/L27140-15	50	40	63	27	140	114	-6º	-11º	DN.. 1506..	1,780

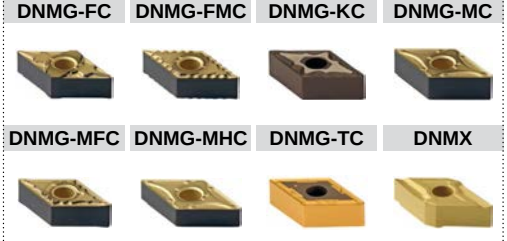
Reference Bezeichnung							Nm
PSC40-DDUNR/L17090-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC50-DDUNR/L17090-11	1764	IDSN-322	2708	1695	4294	5004	3.5
PSC40-DDUNR/L27080-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC50-DDUNR/L27140-15	1766	IDSN-432	2712	1696	4295	5004	3.5
PSC63-DDUNR/L27140-15	1766	IDSN-432	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

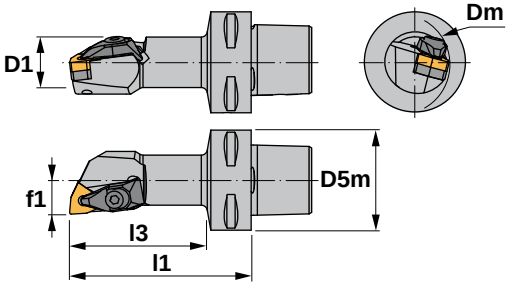
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70





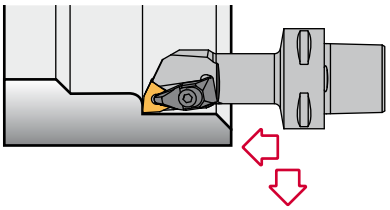
Characteristics:
Multipurpose boring bar equipped with trigon negative double-sided insert (angle 80º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Bohrstange mit einer doppelseitigen negativen Trigon Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.

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



DWLN 95º

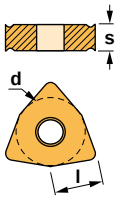
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-DWLNR/L13075-06	33	20	40	13	75	52	-6º	-17º	WNMG 0604..	0,420
PSC40-DWLNR/L17090-08	35	25	40	17	90	68	-6º	-12º	WNMG 0804..	0,480
PSC50-DWLNR/L17090-08	35	25	50	17	90	66	-6º	-12º	WNMG 0804..	0,700

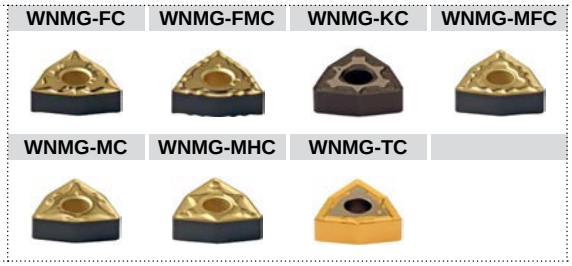
Reference / Bezeichnung							Nm
PSC40-DWLNR/L13075-06	1764	IWSN-322	2708	1695	4294	5004	3.5
PSC40-DWLNR/L17090-08	1766	IWSN-433	2712	1696	4295	5004	3.5
PSC50-DWLNR/L17090-08	1766	IWSN-433	2712	1696	4295	5004	3.5

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

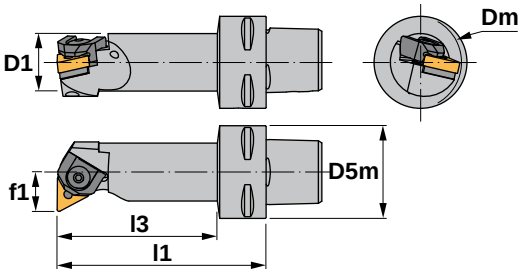
Reference / Bez	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70





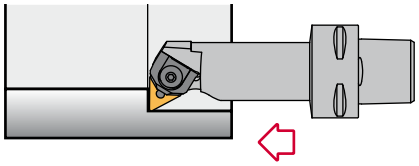
Characteristics:
Internal turning and profiling boring bar equipped with triangular negative double-sided insert.
PSC with internal coolant.

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



Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit einer doppelseitigen dreikantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



MTFN 90º

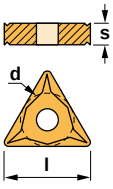
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-MTFNR/L17090-16	32	25	40	17	90	69	-6º	-13º	TNM.. 1604..	0,480
PSC40-MTFNR/L22110-16	40	32	40	22	110	89	-6º	-12º	TNM.. 1604..	0,750
PSC40-MTFNR/L27120-16	50	40	40	27	120	100	-6º	-11º	TNM.. 1604..	1,130
PSC50-MTFNR/L17090-16	32	25	50	17	90	67	-6º	-13º	TNM.. 1604..	0,700
PSC50-MTFNR/L22110-16	40	32	50	22	110	88	-6º	-12º	TNM.. 1604..	0,930
PSC50-MTFNR/L27140-16	50	40	50	27	140	119	-6º	-11º	TNM.. 1604..	1,470
PSC63-MTFNR/L22110-16	40	32	63	22	110	84	-6º	-12º	TNM.. 1604..	1,260
PSC63-MTFNR/L27140-16	50	40	63	27	140	115	-6º	-11º	TNM.. 1604..	1,780

Reference / Bezeichnung						Nm
PSC40-MTFNR/L17090-16	2017	1644	5025	3414	1813	2.0
PSC40-MTFNR/L22110-16	2017	1644	5025	3414	1393	2.0
PSC40-MTFNR/L27120-16	2017	1644	5025	3414	1393	2.0
PSC50-MTFNR/L17090-16	2017	1644	5025	3414	1393	2.0
PSC50-MTFNR/L22110-16	2017	1644	5025	3414	1393	2.0
PSC50-MTFNR/L27140-16	2017	1644	5025	3414	1393	2.0
PSC63-MTFNR/L22110-16	2017	1644	5025	3414	1393	2.0
PSC63-MTFNR/L27140-16	2017	1644	5025	3414	1393	2.0

TNM..

Triangular negative inserts. Dreikantige negative WSP. A45-46

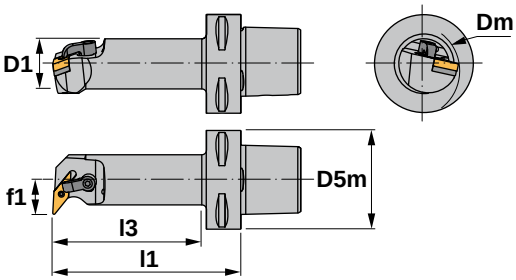
Reference / Bez	l	s	d
TNM.. 1604..	16,50	4,76	9,52



TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

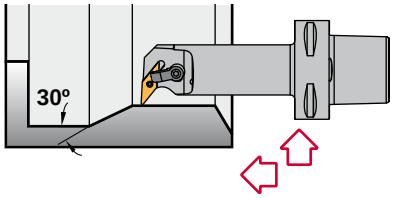
Characteristics:
Internal turning and profiling boring bar equipped with rhombic negative double-sided insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



MVUN 93º

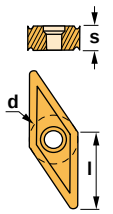
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-MVUNR/L27120-16	50	40	40	27	120	100	-6º	-10º	VN.. 1604..	1,130
PSC50-MVUNR/L27140-16	50	40	50	27	140	119	-6º	-10º	VN.. 1604..	1,470
PSC50-MVUNR/L35150-16	63	50	50	35	150	131	-6º	-10º	VN.. 1604..	2,250
PSC63-MVUNR/L22120-16	40	32	63	22	120	94	-6º	-12º	VN.. 1604..	1,280
PSC63-MVUNR/L35175-16	63	50	63	35	175	152	-6º	-10º	VN.. 1604..	2,850

Reference / Bezeichnung							Nm
PSC40-MVUNR/L27120-16	2614	5003	IVSN-322	1086	1665	5002	3.0
PSC50-MVUNR/L27140-16	2614	5003	IVSN-322	1086	1665	5002	3.0
PSC50-MVUNR/L35150-16	2614	5003	IVSN-322	1086	1665	5002	3.0
PSC63-MVUNR/L22120-16	2614	5003	IVSN-322	1186	1665	5002	3.0
PSC63-MVUNR/L35175-16	2614	5003	IVSN-322	1086	1665	5002	3.0

VN..

35º rhombic negative inserts. A49
35° rhombische negative Wendeschneidplatten.

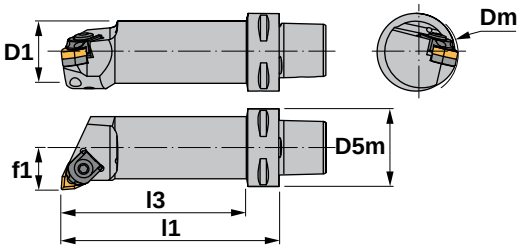
Reference / Bez	l	s	d
VN.. 1604..	16,50	4,76	9,52



VNGP	VNMG
	
VNMG-TC	
	

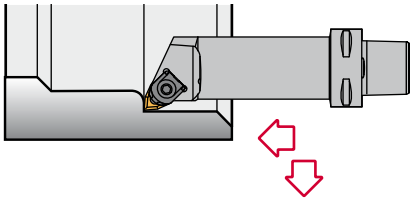
Characteristics:
Multipurpose boring bar equipped with trigon negative double-sided insert (angle 80º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Bohrstange mit einer doppelseitigen negativen Trigon Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.

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



E

MWLN 95º

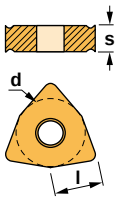
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-MWLNR/L13075-06	25	20	32	13	75	59	-6º	-14º	WNMG 0604..	0,240
PSC32-MWLNR/L17090-06	32	25	32	17	90	75	-6º	-12º	WNMG 0604..	0,360
PSC40-MWLNR/L13075-06	25	20	40	13	75	53	-6º	-14º	WNMG 0604..	0,420
PSC40-MWLNR/L17090-06	32	25	40	17	90	69	-6º	-12º	WNMG 0604..	0,480
PSC40-MWLNR/L17090-08	32	25	40	17	90	69	-6º	-14º	WNMG 0804..	0,480
PSC40-MWLNR/L22110-08	40	32	40	22	110	89	-6º	-14º	WNMG 0804..	0,750
PSC40-MWLNR/L27120-08	50	40	40	27	120	100	-6º	-12º	WNMG 0804..	1,130
PSC50-MWLNR/L17090-08	32	25	50	17	90	67	-6º	-14º	WNMG 0804..	0,700
PSC50-MWLNR/L22110-08	40	32	50	22	110	88	-6º	-14º	WNMG 0804..	0,930
PSC50-MWLNR/L27140-08	50	40	50	27	140	119	-6º	-12º	WNMG 0804..	1,470

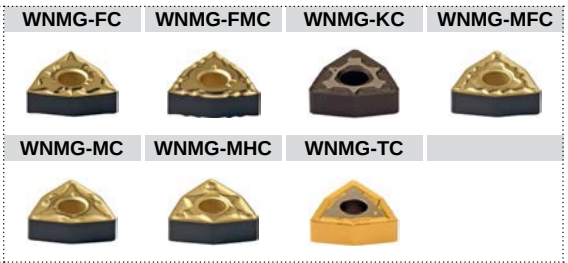
Reference / Bezeichnung						Nm
PSC32-MWLNR/L13075-06	2006	5025	-	1643	1813	2.0
PSC32-MWLNR/L17090-06	2006	5025	3006	1644	1813	2.0
PSC40-MWLNR/L13075-06	2006	5025	-	1643	1813	2.0
PSC40-MWLNR/L17090-06	2006	5025	3006	1644	1813	2.0
PSC40-MWLNR/L17090-08	2011	5005	-	1647	1814	4.0
PSC40-MWLNR/L22110-08	2011	5005	IWSN-433	1661	1814	4.0
PSC40-MWLNR/L27120-08	2011	5005	IWSN-433	1661	1814	4.0
PSC50-MWLNR/L17090-08	2011	5005	-	1647	1814	4.0
PSC50-MWLNR/L22110-08	2011	5005	IWSN-433	1661	1814	4.0
PSC50-MWLNR/L27140-08	2011	5005	IWSN-433	1661	1814	4.0

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

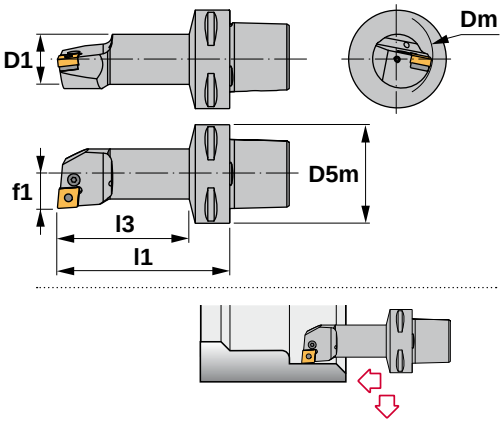
Reference / Bez	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70





Characteristics: Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º). PSC with internal coolant.
1) γ= Rake angle (valid with a flat insert).
2) λs= Angle of inclination.

Eigenschaften:
Bohrstange zum Innendrehen mit einer rhombischen negativen Wendeschneidplatte (80º Winkel). PSC mit Innenkühlung.
1) γ= Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λs= Neigungswinkel.



PCLN 95º

Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC40-PCLNR/L13080-09	25	20	40	13	80	58	-6º	-11º	CN.. 0903..	0,400
PSC50-PCLNR/L13080-09	25	20	50	13	80	56	-6º	-11º	CN.. 0903..	0,570
PSC32-PCLNR/L17090-12	32	25	32	17	90	75	-6º	-11º	CN.. 1204..	0,360
PSC32-PCLNR/L22064-12	40	32	32	22	64	50	-6º	-11º	CN.. 1204..	0,350
PSC32-PCLNR/L22096-12	40	32	32	22	96	82	-6º	-11º	CN.. 1204..	0,550
PSC40-PCLNR/L17090-12	32	25	40	17	90	69	-6º	-11º	CN.. 1204..	0,480
PSC40-PCLNR/L22110-12	40	32	40	22	110	89	-6º	-11º	CN.. 1204..	0,750
PSC40-PCLNR/L27080-12	50	40	40	27	80	60	-6º	-10º	CN.. 1204..	0,740
PSC40-PCLNR/L27120-12	50	40	40	27	120	100	-6º	-11º	CN.. 1204..	1,130
PSC50-PCLNR/L17090-12	32	25	50	17	90	67	-6º	-11º	CN.. 1204..	0,700
PSC50-PCLNR/L22110-12	40	32	50	22	110	88	-6º	-11º	CN.. 1204..	0,930
PSC50-PCLNR/L27140-12	50	40	50	27	140	119	-6º	-10º	CN.. 1204..	1,470
PSC50-PCLNR/L35100-12	63	50	50	35	100	81	-6º	-7º	CN.. 1204..	1,480
PSC63-PCLNR/L17100-12	32	25	63	17	100	74	-6º	-11º	CN.. 1204..	1,000
PSC63-PCLNR/L22110-12	40	32	63	22	110	84	-6º	-11º	CN.. 1204..	1,260
PSC50-PCLNR/L35150-16	63	50	50	35	150	131	-6º	-11º	CN.. 1606..	2,250
PSC63-PCLNR/L27140-16	50	40	63	27	140	115	-6º	-11º	CN.. 1606..	1,780
PSC63-PCLNR/L35175-16	63	50	63	35	175	152	-6º	-11º	CN.. 1606..	2,850

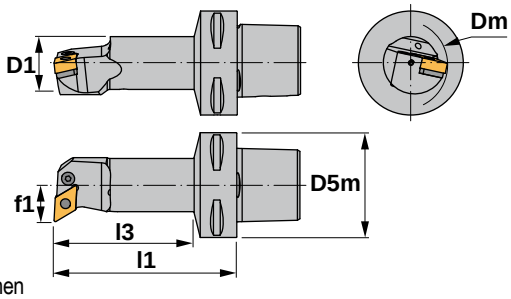
Reference Bezeichnung							Nm
PSC40-PCLNR/L13080-09	8005	1605	5002	-	-	-	1.4
PSC50-PCLNR/L13080-09	8005	1605	5002	-	-	-	1.4
PSC32-PCLNR/L17090-12	8212	1626	5025	-	-	-	2.0
PSC32-PCLNR/L22064-12	8312	1648	5003	3612	4112	0012	3.0
PSC32-PCLNR/L22096-12	8312	1648	5003	3612	4112	0012	3.0
PSC40-PCLNR/L17090-12	8212	1626	5025	-	-	-	2.0
PSC40-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012	3.0
PSC40-PCLNR/L27080-12	8012	1608	5003	3612	4112	0012	3.0
PSC40-PCLNR/L27120-12	8012	1608	5003	3612	4112	0012	3.0
PSC50-PCLNR/L17090-12	8212	1626	5025	-	-	-	2.0
PSC50-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012	3.0
PSC50-PCLNR/L27140-12	8012	1608	5003	3612	4112	0012	3.0
PSC50-PCLNR/L35100-12	8012	1608	5003	3612	4112	0012	3.0
PSC63-PCLNR/L17100-12	8212	1626	5025	-	-	-	2.0
PSC63-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012	3.0
PSC50-PCLNR/L35150-16	8016	1618	5003	3616	4115	0015	3.0
PSC63-PCLNR/L27140-16	8016	1618	5003	3616	4115	0015	3.0
PSC63-PCLNR/L35175-16	8016	1618	5003	3616	4115	0015	3.0

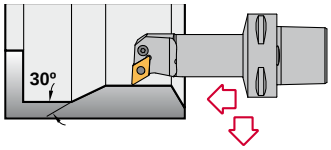
CN..

80º rhombic negative inserts.
80° rhombische negative Wendeschneidplatten. A32-34

Characteristics:
Boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º). PSC with internal coolant.
1) γ= Rake angle
(valid with a flat insert).
2) λs= Angle of inclination.

Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit einer rhombischen negativen Wendeschneidplatte (55º Winkel). PSC mit Innenkühlung.
1) γ= Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λs= Neigungswinkel.





PDUN 93º

Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-PDUNR/L17090-11	32	25	32	17	90	75	-6º	-11º	DN.. 1104..	0,360
PSC40-PDUNR/L17090-11	32	25	40	17	90	69	-6º	-11º	DN.. 1104..	0,480
PSC40-PDUNR/L22110-11	40	32	40	22	110	89	-6º	-10º	DN.. 1104..	0,750
PSC50-PDUNR/L17090-11	32	25	50	17	90	67	-6º	-11º	DN.. 1104..	0,700
PSC50-PDUNR/L22110-11	40	32	50	22	110	88	-6º	-10º	DN.. 1104..	0,930
PSC63-PDUNR/L17100-11	32	25	63	17	100	74	-6º	-11º	DN.. 1104..	1,000
PSC40-PDUNR/L27080-15	50	40	40	27	80	60	-6º	-11º	DN.. 1506..	0,740
PSC40-PDUNR/L27120-15	50	40	40	27	120	100	-6º	-11º	DN.. 1506..	1,130
PSC50-PDUNR/L27140-15	50	40	50	27	140	119	-6º	-11º	DN.. 1506..	1,470
PSC50-PDUNR/L35100-15	63	50	50	35	100	81	-6º	-10º	DN.. 1506..	1,480
PSC50-PDUNR/L35150-15	63	50	50	35	150	131	-6º	-10º	DN.. 1506..	2,250
PSC63-PDUNR/L22110-15	40	32	63	22	110	84	-6º	-12º	DN.. 1506..	1,260
PSC63-PDUNR/L27140-15	50	40	63	27	140	115	-6º	-11º	DN.. 1506..	1,780
PSC63-PDUNR/L35175-15	63	50	63	35	175	152	-6º	-10º	DN.. 1506..	2,850

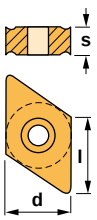
Reference Bezeichnung									Nm
PSC32-PDUNR/L17090-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC40-PDUNR/L17090-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC40-PDUNR/L22110-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC50-PDUNR/L17090-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC50-PDUNR/L22110-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC63-PDUNR/L17100-11	8009	1606	5025	3711	4109	0009	3725	4135	2.0
PSC40-PDUNR/L27080-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC40-PDUNR/L27120-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC50-PDUNR/L27140-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC50-PDUNR/L35100-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC50-PDUNR/L35150-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC63-PDUNR/L22110-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC63-PDUNR/L27140-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
PSC63-PDUNR/L35175-15	8415	1638	5003	3715	4112	0012	3725	4135	3.0

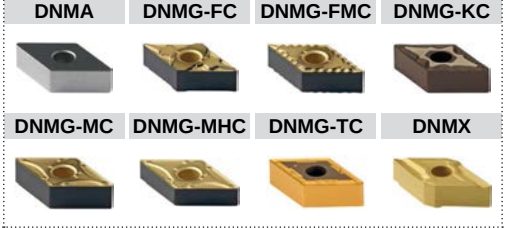
For DNM.. 1504.. inserts
Für Wendeschneidplatten DNM.. 1504..

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten.
A36-37

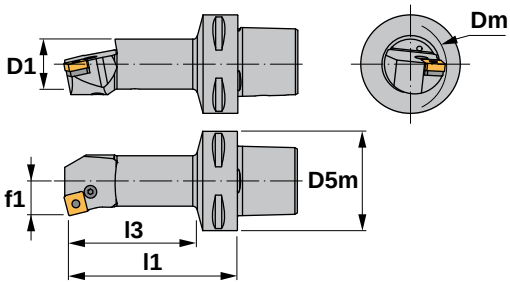
Reference / Bez	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1506..	15,50	6,35	12,70





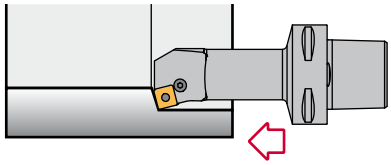
Characteristics:
Boring bar for internal turning applications equipped with square negative inserts.
PSC with internal coolant.

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



Eigenschaften:
Bohrstange zum Innendrehen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

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



PSKN 75°

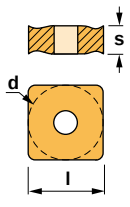
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-PSKNR/L17090-12	32	25	40	17	90	69	-6°	-11°	SNM.. 1204..	0,480
PSC50-PSKNR/L17090-12	32	25	50	17	90	67	-6°	-11°	SNM.. 1204..	0,700
PSC50-PSKNR/L22110-12	40	32	50	22	110	68	-6°	-10°	SNM.. 1204..	0,930
PSC50-PSKNR/L27140-12	50	40	50	27	140	119	-6°	-10°	SNM.. 1204..	1,470
PSC63-PSKNR/L22110-12	40	32	63	22	110	84	-6°	-10°	SNM.. 1204..	1,260

Reference / Bezeichnung							Nm
PSC40-PSKNR/L17090-12	8212	1626	5025	-	-	-	2.0
PSC50-PSKNR/L17090-12	8212	1626	5025	-	-	-	2.0
PSC50-PSKNR/L22110-12	8312	1648	5003	3512	4112	0012	3.0
PSC50-PSKNR/L27140-12	8012	1608	5003	3512	4112	0012	3.0
PSC63-PSKNR/L22110-12	8012	1608	5003	3512	4112	0012	3.0

SNM..

Square negative inserts. A41-42
Vierkantige negative Wendeschneidplatten.

Reference / Bez	l	s	d
SNM.. 1204..	12,70	4,76	12,70

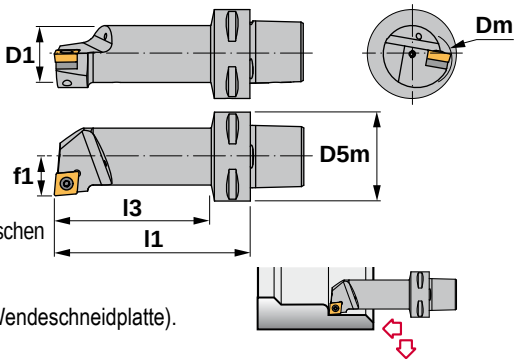


SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

SCLC 95º

Characteristics:
Multipurpose boring bar equipped with rhombic positive insert (angle 80º). PSC with internal coolant.
1) γ= Rake angle (valid with a flat insert).
2) λs= Angle of inclination.

Eigenschaften:
Multifunktions-Bohrstange mit einer rhombischen positiven Wendeschneidplatte (80º Winkel).
PSC mit Innenkühlung.
1) γ= Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λs= Neigungswinkel.



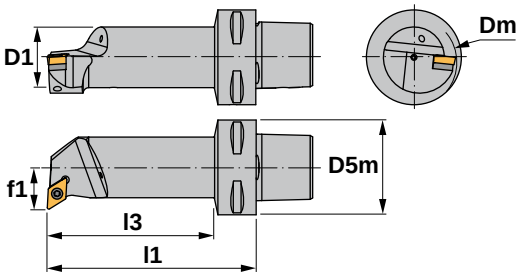
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SCLCR/L11065-09	20	16	32	11	65	48	0º	-12º	CC.. 09T3..	0,180
PSC32-SCLCR/L13075-09	25	20	32	13	75	59	0º	-8º	CC.. 09T3..	0,240
PSC32-SCLCR/L17090-09	32	25	32	17	90	75	0º	-6º	CC.. 09T3..	0,360
PSC40-SCLCR/L11070-09	20	16	40	11	70	47	0º	-12º	CC.. 09T3..	0,330
PSC40-SCLCR/L13080-09	25	20	40	13	80	58	0º	-8º	CC.. 09T3..	0,400
PSC40-SCLCR/L17090-09	32	25	40	17	90	69	0º	-6º	CC.. 09T3..	0,480
PSC40-SCLCR/L27080-09	50	40	40	27	80	60	0º	-6º	CC.. 09T3..	0,740
PSC50-SCLCR/L11070-09	20	16	50	11	70	46	0º	-12º	CC.. 09T3..	0,500
PSC50-SCLCR/L13080-09	25	20	50	13	80	56	0º	-8º	CC.. 09T3..	0,570
PSC50-SCLCR/L17090-09	32	25	50	17	90	67	0º	-6º	CC.. 09T3..	0,700
PSC50-SCLCR/L35100-09	63	50	50	35	100	81	0º	-4º	CC.. 09T3..	1,480
PSC32-SCLCR/L17090-12	32	25	32	17	90	75	0º	-6º	CC.. 1204..	0,360
PSC32-SCLCR/L22064-12	40	32	32	22	64	50	0º	-10º	CC.. 1204..	0,350
PSC32-SCLCR/L22096-12	40	32	32	22	96	82	0º	-10º	CC.. 1204..	0,550
PSC40-SCLCR/L17090-12	32	25	40	17	90	69	0º	-6º	CC.. 1204..	0,480
PSC40-SCLCR/L22110-12	40	32	40	22	110	89	0º	-10º	CC.. 1204..	0,750
PSC40-SCLCR/L27080-12	50	40	40	27	80	60	0º	-8º	CC.. 1204..	0,740
PSC50-SCLCR/L17090-12	32	25	50	17	90	67	0º	-6º	CC.. 1204..	0,700
PSC50-SCLCR/L22110-12	40	32	50	22	110	88	0º	-10º	CC.. 1204..	0,930
PSC50-SCLCR/L27140-12	50	40	50	27	140	119	0º	-8º	CC.. 1204..	1,470
PSC50-SCLCR/L35100-12	63	50	50	35	100	80	0º	-5º	CC.. 1204..	1,480

Reference Bezeichnung					Nm
PSC32-SCLCR/L.....-09	1440	5515	-	-	3.0
PSC40-SCLCR/L.....-09	1440	5515	-	-	3.0
PSC40-SCLCR/L17090-09	1240	5515	-	-	3.0
PSC40-SCLCR/L27080-09	1240	5515	-	-	3.0
PSC50-SCLCR/L.....-09	1440	5515	-	-	3.0
PSC50-SCLCR/L17090-09	1240	5515	-	-	3.0
PSC50-SCLCR/L35100-09	1240	5515	-	-	3.0
PSC32-SCLCR/L17090-12	1250	5515	-	-	3.0
PSC32-SCLCR/L22064-12	1540	5517	3614	1760	3.0
PSC32-SCLCR/L22096-12	1540	5517	3614	1760	3.0
PSC40-SCLCR/L17090-12	1250	5520	-	-	4.0
PSC40-SCLCR/L22110-12	1540	5517	3614	1760	3.0
PSC40-SCLCR/L27080-12	1540	5517	3614	1760	3.0
PSC50-SCLCR/L17090-12	1250	5520	-	-	4.0
PSC50-SCLCR/L22110-12	1540	5517	3614	1760	3.0
PSC50-SCLCR/L27140-12	1540	5517	3614	1760	3.0
PSC50-SCLCR/L35100-12	1540	5517	3614	1760	3.0

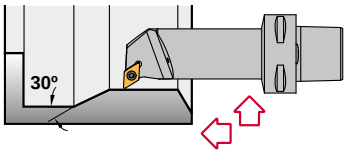
CC..

80º rhombic positive inserts with 7º clearance.
80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
PSC with internal coolant.
1) γ= Rake angle
(valid with a flat insert).
2) λs= Angle of inclination.



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (55º Winkel).
PSC mit Innenkühlung.
1) γ= Spanwinkel (Gültig nur mit flachen WSP).
2) λs= Neigungswinkel.



SDUC 93º

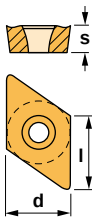
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SDUCR/L11065-07	20	16	32	11	65	48	0º	-6º	DC.. 0702..	0,180
PSC40-SDUCR/L11070-07	20	16	40	11	70	47	0º	-8º	DC.. 0702..	0,330
PSC50-SDUCR/L11070-07	20	16	50	11	70	46	0º	-8º	DC.. 0702..	0,500
PSC32-SDUCR/L13075-11	25	20	32	13	75	59	0º	-6º	DC.. 11T3..	0,240
PSC32-SDUCR/L17090-11	32	25	32	17	90	75	0º	-6º	DC.. 11T3..	0,360
PSC32-SDUCR/L22064-11	40	32	32	22	64	50	0º	-6º	DC.. 11T3..	0,350
PSC32-SDUCR/L22096-11	40	32	32	22	96	82	0º	-6º	DC.. 11T3..	0,550
PSC40-SDUCR/L13080-11	25	20	40	13	80	58	0º	-6º	DC.. 11T3..	0,400
PSC40-SDUCR/L17090-11	32	25	40	17	90	69	0º	-6º	DC.. 11T3..	0,480
PSC40-SDUCR/L22110-11	40	32	40	22	110	89	0º	-6º	DC.. 11T3..	0,750
PSC40-SDUCR/L27080-11	50	40	40	27	80	60	0º	-6º	DC.. 11T3..	0,740
PSC50-SDUCR/L13080-11	25	20	50	13	80	56	0º	-6º	DC.. 11T3..	0,570
PSC50-SDUCR/L17090-11	32	25	50	17	90	67	0º	-6º	DC.. 11T3..	0,700
PSC50-SDUCR/L22110-11	40	32	50	22	110	88	0º	-6º	DC.. 11T3..	0,930
PSC50-SDUCR/L35100-11	63	50	50	35	100	81	0º	-4º	DC.. 11T3..	1,480

Reference Bezeichnung					Nm
PSC32-SDUCR/L11065-07	1225	5507	-	-	0.9
PSC40-SDUCR/L11070-07	1225	5507	-	-	0.9
PSC50-SDUCR/L11070-07	1225	5507	-	-	0.9
PSC32-SDUCR/L13075-11	1341	5515	-	-	3.0
PSC32-SDUCR/L17090-11	1240	5515	-	-	3.0
PSC32-SDUCR/L22064-11	1335	5516	3714	1750	3.0
PSC32-SDUCR/L22096-11	1335	5516	3714	1750	3.0
PSC40-SDUCR/L13080-11	1341	5515	-	-	3.0
PSC40-SDUCR/L17090-11	1240	5515	-	-	3.0
PSC40-SDUCR/L22110-11	1335	5516	3714	1750	3.0
PSC40-SDUCR/L27080-11	1335	5516	3714	1750	3.0
PSC50-SDUCR/L13080-11	1341	5515	-	-	3.0
PSC50-SDUCR/L17090-11	1240	5515	-	-	3.0
PSC50-SDUCR/L22110-11	1335	5516	3714	1750	3.0
PSC50-SDUCR/L35100-11	1335	5516	3714	1750	3.0

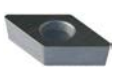
DC..

55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DCGT-AL

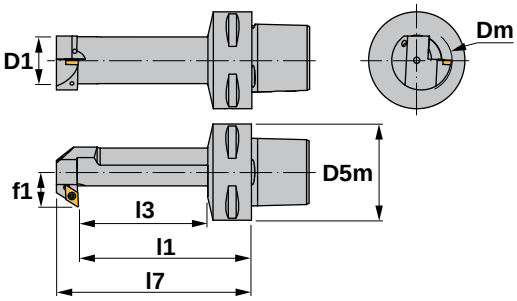
DCGT-AP

DCMT

DCMW


E

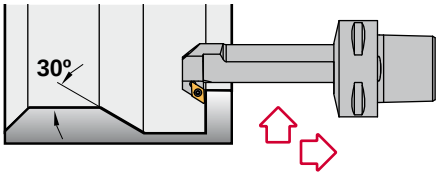
Characteristics:
Backwards multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
PSC with internal coolant.

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



Eigenschaften:
Rückwärts-Multifunktions-Bohrstange zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (55º Winkel). PSC mit Innenkühlung.

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



E

SDUC-X 93º

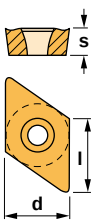
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	l7	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-SDUCR/L13070-07X	22	16	32	13	70	54	80.7	0º	-6º	DC.. 0702..	0,210
PSC32-SDUCR/L15080-07X	27	20	32	15	80	64	91.5	0º	-3º	DC.. 0702..	0,280
PSC40-SDUCR/L13070-07X	22	16	40	13	70	48	80.7	0º	-6º	DC.. 0702..	0,330
PSC40-SDUCR/L15080-07X	27	20	40	15	80	58	91.5	0º	-3º	DC.. 0702..	0,400
PSC40-SDUCR/L18090-07X	32	25	40	18	90	69	101.5	0º	-3º	DC.. 0702..	0,480
PSC50-SDUCR/L15080-07X	27	20	50	15	80	57	91.5	0º	-3º	DC.. 0702..	0,580
PSC50-SDUCR/L18090-07X	32	25	50	18	90	67	101.5	0º	-3º	DC.. 0702..	0,670

Reference / Bezeichnung			Nm
PSC32-SDUCR/L13070-07X	1225	5507	0.9
PSC32-SDUCR/L15080-07X	1225	5507	0.9
PSC40-SDUCR/L13070-07X	1225	5507	0.9
PSC40-SDUCR/L15080-07X	1225	5507	0.9
PSC40-SDUCR/L18090-07X	1225	5507	0.9
PSC50-SDUCR/L15080-07X	1225	5507	0.9
PSC50-SDUCR/L18090-07X	1225	5507	0.9

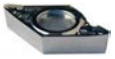
DC..

55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez	l	s	d
DC.. 0702..	7,75	2,38	6,35



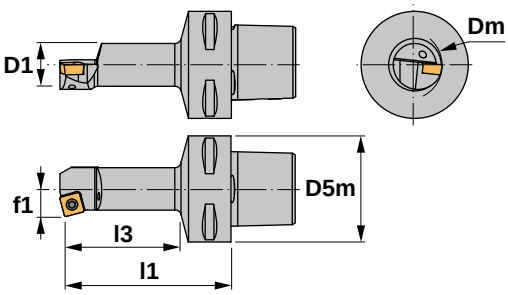
DCGT-AL

DCGT-AP

DCMT

DCMW

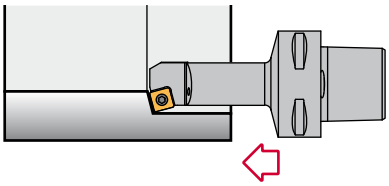

Characteristics:
Multipurpose boring bar equipped with square positive insert.
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Bohrstange mit einer vierkantigen positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



E

SSKC 75º

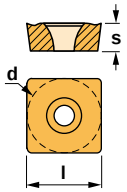
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC40-SSKCR/L13080-09	25	20	40	13	80	58	0º	-6º	SC.. 09T3..	0,400
PSC50-SSKCR/L13080-09	25	20	50	13	80	56	0º	-6º	SC.. 09T3..	0,570

Reference / Bezeichnung			Nm
PSC40-SSKCR/L13080-09	1240	5515	3.0
PSC50-SSKCR/L13080-09	1240	5515	3.0

SC..

Square positive inserts with 7º clearance. A40
Vierkantige positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez	l	s	d
SC.. 09T3..	9,52	3,97	9,52



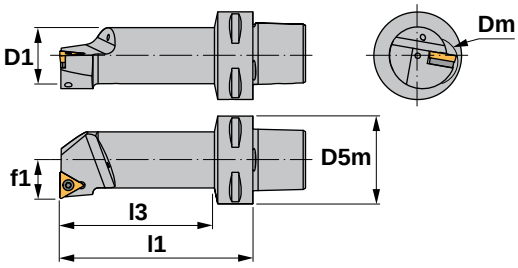
SCGT-AL

SCMT

SCMT-39

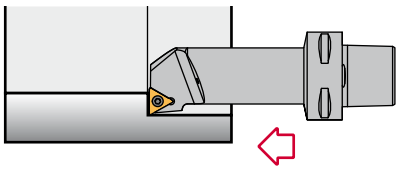
Characteristics:
Multipurpose boring bar equipped with triangular positive insert.
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Bohrstange mit einer dreikantigen positiven Wendeschneidplatte.
PSC mit Innenkühlung.

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



E

STFC 90º

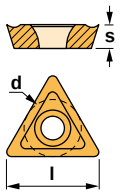
Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size / Wendeschneidplatte	Kg
PSC32-STFCR/L11065-11	20	16	32	11	65	48	0º	-4º	TC.. 1102..	0,180
PSC32-STFCR/L13075-11	25	20	32	13	75	59	0º	-3º	TC.. 1102..	0,240
PSC40-STFCR/L11070-11	20	16	40	11	70	47	0º	-4º	TC.. 1102..	0,330
PSC40-STFCR/L13080-11	25	20	40	13	80	57	0º	-3º	TC.. 1102..	0,400
PSC50-STFCR/L11070-11	20	16	50	11	70	46	0º	-4º	TC.. 1102..	0,500
PSC50-STFCR/L13080-11	25	20	50	13	80	56	0º	-3º	TC.. 1102..	0,570
PSC32-STFCR/L17090-16	32	25	32	17	90	74	0º	-3.5º	TC.. 16T3..	0,360
PSC40-STFCR/L17090-16	32	25	40	17	90	69	0º	-6º	TC.. 16T3..	0,480
PSC40-STFCR/L22110-16	40	32	40	22	110	89	0º	-10º	TC.. 16T3..	0,750
PSC50-STFCR/L17090-16	32	25	50	17	90	67	0º	-6º	TC.. 16T3..	0,700
PSC50-STFCR/L22110-16	40	32	50	22	110	88	0º	-10º	TC.. 16T3..	0,930

Reference / Bezeichnung					Nm
PSC32-STFCR/L11065-11	1225	5507	-	-	0.9
PSC32-STFCR/L13075-11	1225	5507	-	-	0.9
PSC40-STFCR/L11070-11	1225	5507	-	-	0.9
PSC40-STFCR/L13080-11	1225	5507	-	-	0.9
PSC50-STFCR/L11070-11	1225	5507	-	-	0.9
PSC50-STFCR/L13080-11	1225	5507	-	-	0.9
PSC32-STFCR/L17090-16	1240	5515	-	-	3.0
PSC40-STFCR/L17090-16	1240	5515	-	-	3.0
PSC40-STFCR/L22110-16	1335	5516	3414	1750	3.0
PSC50-STFCR/L17090-16	1240	5515	-	-	3.0
PSC50-STFCR/L22110-16	1335	5516	3414	1750	3.0

TC..

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



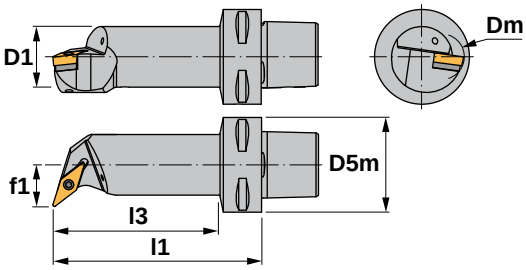
TCGT-AL

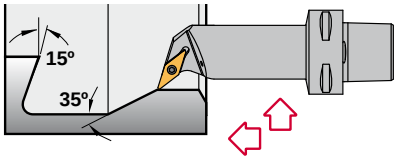
TCMT

TCMW

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.
1) γ= Rake angle (valid with a flat insert).
2) λs= Angle of inclination.

Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel). PSC mit Innenkühlung.
1) γ= Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λs= Neigungswinkel.





SVQB 107º 30'

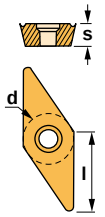
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SVQBR/L18090-16	33	25	32	18	90	75	0º	-6º	VBMT 1604..	0,360
PSC32-SVQBR/L22064-16	40	32	32	22	64	49	0º	-7.5º	VBMT 1604..	0,350
PSC32-SVQBR/L22096-16	40	32	32	22	96	82	0º	-8º	VBMT 1604..	0,550
PSC40-SVQBR/L18090-16	33	25	40	18	90	69	0º	-6º	VBMT 1604..	0,480
PSC40-SVQBR/L22110-16	40	32	40	22	110	89	0º	-8º	VBMT 1604..	0,750
PSC40-SVQBR/L27080-16	50	40	40	27	80	60	0º	-8º	VBMT 1604..	0,740
PSC40-SVQBR/L27120-16	50	40	40	27	120	100	0º	-8º	VBMT 1604..	1,130
PSC50-SVQBR/L18090-16	33	25	50	18	90	67	0º	-6º	VBMT 1604..	0,670
PSC50-SVQBR/L22110-16	40	32	50	22	110	88	0º	-8º	VBMT 1604..	0,930
PSC50-SVQBR/L27140-16	50	40	50	27	140	119	0º	-8º	VBMT 1604..	1,470
PSC50-SVQBR/L35100-16	63	50	50	35	100	81	0º	-7º	VBMT 1604..	1,480
PSC50-SVQBR/L35150-16	63	50	50	35	150	131	0º	-7º	VBMT 1604..	2,250
PSC63-SVQBR/L22120-16	40	32	63	22	120	94	0º	-8º	VBMT 1604..	1,280
PSC63-SVQBR/L27145-16	50	40	63	27	145	120	0º	-8º	VBMT 1604..	1,780
PSC63-SVQBR/L35175-16	63	50	63	35	175	152	0º	-8º	VBMT 1604..	2,850

Reference Bezeichnung					Nm
PSC32-SVQBR/L18090-16	1335	5516	3718	1750	3.0
PSC32-SVQBR/L22064-16	1335	5516	3718	1750	3.0
PSC32-SVQBR/L22096-16	1335	5516	3718	1750	3.0
PSC40-SVQBR/L18090-16	1335	5516	3718	1750	3.0
PSC40-SVQBR/L22110-16	1335	5516	3718	1750	3.0
PSC40-SVQBR/L27080-16	1335	5516	3718	1750	3.0
PSC40-SVQBR/L27120-16	1335	5516	3718	1750	3.0
PSC50-SVQBR/L18090-16	1335	5516	3718	1750	3.0
PSC50-SVQBR/L22110-16	1335	5516	3718	1750	3.0
PSC50-SVQBR/L27140-16	1335	5516	3718	1750	3.0
PSC50-SVQBR/L35100-16	1335	5516	3718	1750	3.0
PSC50-SVQBR/L35150-16	1335	5516	3718	1750	3.0
PSC63-SVQBR/L22120-16	1335	5516	3718	1750	3.0
PSC63-SVQBR/L27145-16	1335	5516	3718	1750	3.0
PSC63-SVQBR/L35175-16	1335	5516	3718	1750	3.0

VBMT

35º rhombic positive insert with 5º clearance.
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel. A48

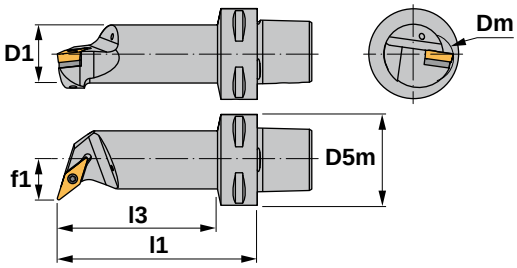
Reference / Bez	l	s	d
VBMT 1604..	16,50	4,76	9,52



VBMT

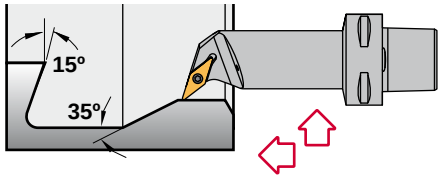
Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).
PSC with internal coolant.

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



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit einer rhombischen positiven Wendeschneidplatte (35º Winkel).
PSC mit Innenkühlung.

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



E

SVQC 107º 30'

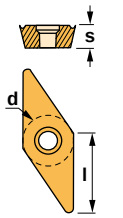
Reference Bezeichnung	Dm	D1	D5m	f1	l1	l3	γ1)	λs2)	Insert size Wendeschneidplatte	Kg
PSC32-SVQCR/L13070-11	22	16	32	13	70	53.4	0º	-7º	VC.. 1103..	0,210
PSC32-SVQCR/L15080-11	27	20	32	15	80	63.9	0º	-5º	VC.. 1103..	0,280
PSC40-SVQCR/L13070-11	25	20	40	13	70	47.9	0º	-5.5º	VC.. 1103..	0,330
PSC40-SVQCR/L15080-11	27	20	40	15	80	57.9	0º	-5º	VC.. 1103..	0,400
PSC40-SVQCR/L18090-16	33	25	40	18	90	69.0	0º	-12º	VC.. 1604..	0,480
PSC40-SVQCR/L22110-16	40	32	40	22	110	89.0	0º	-8º	VC.. 1604..	0,750
PSC40-SVQCR/L27080-16	50	40	40	27	80	60.0	0º	-8º	VC.. 1604..	0,740
PSC40-SVQCR/L27120-16	50	40	40	27	120	100.0	0º	-8º	VC.. 1604..	1,130
PSC50-SVQCR/L18090-16	33	25	50	18	90	67.0	0º	-12º	VC.. 1604..	0,670
PSC50-SVQCR/L22110-16	40	32	50	22	110	88.0	0º	-8º	VC.. 1604..	0,930
PSC50-SVQCR/L27140-16	50	40	50	27	140	119.0	0º	-8º	VC.. 1604..	1,470
PSC50-SVQCR/L35100-16	63	50	50	35	100	81.0	0º	-7º	VC.. 1604..	1,480
PSC50-SVQCR/L35150-16	63	50	50	35	150	131.0	0º	-7º	VC.. 1604..	2,250
PSC63-SVQCR/L22120-16	40	32	63	22	120	94.0	0º	-8º	VC.. 1604..	1,280
PSC63-SVQCR/L27145-16	50	40	63	27	145	120.0	0º	-8º	VC.. 1604..	1,780
PSC63-SVQCR/L35175-16	63	50	63	35	175	152.0	0º	-8º	VC.. 1604..	2,850

Reference Bezeichnung					Nm
.....-11	1225	5507	-	-	0.9
.....-16	1335	5516	3718	1750	3.0

VC..

35º rhombic positive inserts with 7º clearance.
35º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A48

Reference / Bez	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



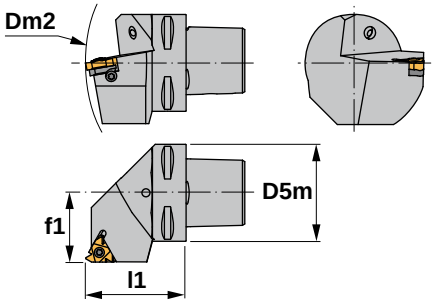
VCGT-AL

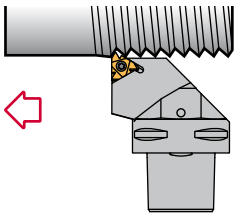
VCGT-AP

VCMT

Characteristics:
Multipurpose threading toolholder for negative lay down inserts.
PSC with internal coolant.

Eigenschaften:
Multifunktions-Klemmhalter zum Gewindedrehen für negative Wendeschneidplatten.
PSC mit Innenkühlung.





SE 90°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	Insert size Wendeschneidplatte	Kg
PSC32-SER/L22040-16	32	124	22	40	16 ER/L..	0,210
PSC40-SER/L27050-16	40	140	27	50	16 ER/L..	0,420
PSC50-SER/L35060-16	50	165	35	60	16 ER/L..	0,800
PSC63-SER/L45065-16	63	190	45	65	16 ER/L..	1,100
PSC32-SER/L22040-22	32	124	22	40	22 ER/L..	0,210
PSC40-SER/L27050-22	40	140	27	50	22 ER/L..	0,420
PSC50-SER/L35060-22	50	165	35	60	22 ER/L..	0,800
PSC63-SER/L45065-22	63	190	45	65	22 ER/L..	1,100
PSC80-SER/L55080-22	80	250	55	80	22 ER/L..	2,740

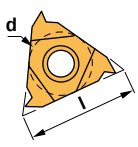
WARNING!! Because of large thread profile, modification may have to be made to the toolholder to achieve full depth of thread.
ACHTUNG!! Bei großen Gewindeprofilen könnte eine Änderung im Klemmhalter erforderlich sein, um die volle Gewindetiefe zu erreichen.

Reference Bezeichnung			R	L		Nm
PSC32-SER/L22040-16	SA3	5510	YE3	YI3	SY3	2.0
PSC40-SER/L27050-16	SA3	5510	YE3	YI3	SY3	2.0
PSC50-SER/L35060-16	SA3	5510	YE3	YI3	SY3	2.0
PSC63-SER/L45065-16	SA3	5510	YE3	YI3	SY3	2.0
PSC32-SER/L22040-22	SA4	5520	YE4	YI4	SY4	4.0
PSC40-SER/L27050-22	SA4	5520	YE4	YI4	SY4	4.0
PSC50-SER/L35060-22	SA4	5520	YE4	YI4	SY4	4.0
PSC63-SER/L45065-22	SA4	5520	YE4	YI4	SY4	4.0
PSC80-SER/L55080-22	SA4	5520	YE4	YI4	SY4	4.0

E R/L

Triangular negative inserts for external threading.
Dreikantige negative Wendeschneidplatten zum Außengewindedrehen. C03,05,08,10

Reference / Bez	l	d
16 ER/L..	16,00	9,52
22 ER/L..	22,00	12,70



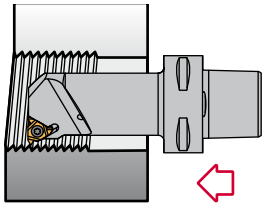
E R/L

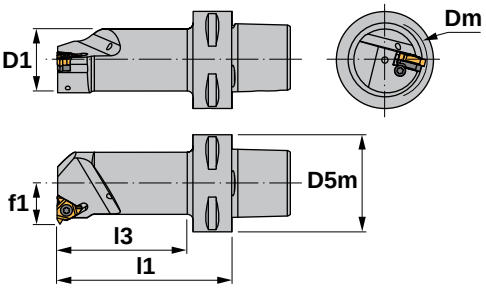
E R/L TD

ER/L-LG

Characteristics:
Multipurpose threading boring bar for negative lay down inserts.
PSC with internal coolant.

Eigenschaften:
Multifunktions-Bohrstange zum Gewindedrehen für negative Wendeschneidplatten.
PSC mit Innenkühlung.





SI 90°

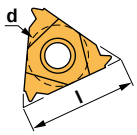
Reference / Bezeichnung	D1	Dm	D5m	f1	l1	l3	Insert size / Wendeschneidplatte			R	L		Nm	Kg
PSC32-SIR/L12050-16	16	20	32	12	50	33	16 NR/L..	SN3	5510	-	-	-	2.0	0,210
PSC32-SIR/L14060-16	20	25	32	14	60	44	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,340
PSC32-SIR/L22085-16	32	40	32	22	85	70	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,510
PSC40-SIR/L12060-16	16	20	40	12	60	37	16 NR/L..	SN3	5510	-	-	-	2.0	0,300
PSC40-SIR/L14060-16	20	25	40	14	60	38	16 NR/L..	SA3T	5510	YI3	YE3	SY3	2.0	0,340
PSC40-SIR/L17070-16	25	32	40	17	70	48	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,410
PSC40-SIR/L22090-16	32	40	40	22	90	69	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,650
PSC40-SIR/L27080-16	40	50	40	27	80	60	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,760
PSC50-SIR/L12060-16	16	20	50	12	60	35	16 NR/L..	SN3	5510	-	-	-	2.0	0,490
PSC50-SIR/L14060-16	20	25	50	14	60	36	16 NR/L..	SA3T	5510	YI3	YE3	SY3	2.0	0,510
PSC50-SIR/L17070-16	25	32	50	17	70	47	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,590
PSC50-SIR/L22090-16	25	40	50	22	90	68	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,820
PSC50-SIR/L27105-16	40	50	50	27	105	84	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	1,200
PSC63-SIR/L14070-16	20	25	63	14	70	42	16 NR/L..	SA3T	5510	YI3	YE3	SY3	2.0	0,900
PSC63-SIR/L17075-16	25	32	63	17	75	48	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	0,970
PSC63-SIR/L22090-16	32	40	63	22	90	64	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	1,140
PSC63-SIR/L27105-16	40	50	63	27	105	80	16 NR/L..	SA3	5510	YI3	YE3	SY3	2.0	1,500
PSC40-SIR/L15065-22	20	25	40	15	65	42	22 NR/L..	SN4	5520	-	-	-	4.0	0,350
PSC40-SIR/L19070-22	25	32	40	19	70	48	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,420
PSC40-SIR/L22090-22	32	40	40	22	90	69	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,650
PSC40-SIR/L27080-22	40	50	40	27	80	60	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,760
PSC50-SIR/L15065-22	20	25	50	15	65	41	22 NR/L..	SN4	5520	-	-	-	4.0	0,520
PSC50-SIR/L19070-22	25	32	50	19	70	47	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,600
PSC50-SIR/L22090-22	32	40	50	22	90	68	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,820
PSC50-SIR/L27105-22	40	50	50	27	105	84	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	1,200
PSC63-SIR/L19075-22	25	32	63	19	75	48	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	0,970
PSC63-SIR/L22090-22	32	40	63	22	90	64	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	1,140
PSC63-SIR/L27105-22	40	50	63	27	105	80	22 NR/L..	SA4	5520	YI4	YE4	SY4	4.0	1,500

WARNING!! Because of large thread profile, modification may have to be made to the boring bar to achieve full depth of thread.
ACHTUNG!! Bei großen Gewindeprofilen könnte eine Änderung in der Bohrstange erforderlich sein, um die volle Gewindetiefe zu erreichen.

N R/L

Triangular negative inserts for internal threading.
Dreikantige negative Wendeschneidplatten zum Innengewindedrehen. C04,06,07,09,10

Reference / Bez	l	d
16 NR/L..	16,00	9,52
22 NR/L..	22,00	12,70

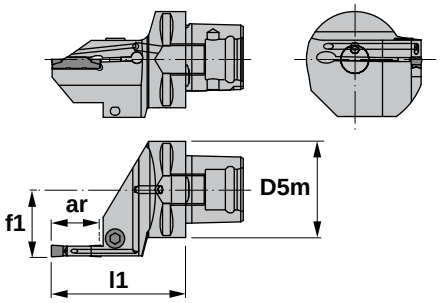


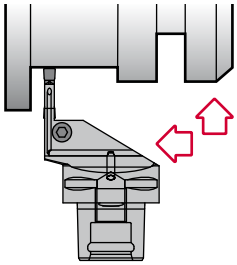
N R/L

N R/L TD

Characteristics:
Parting, grooving and side turning toolholder.
Double-sided inserts 2 to 6 mm thickness.
PSC with internal coolant.

Eigenschaften:
Klemmhalter zum Ein- und Abstechen und Längsdrehen.
Zweiseitige Wendeschneidplatten von 2 bis 6 mm Dicke.
PSC mit Innenkühlung.





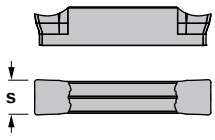
CZCD

Reference / Bezeichnung	D5m	f1	l1	ar max	Insert size / Wendeschneidplatte		Nm	Kg
PSC32-CZCDR/L22055-02	32	22	55	15	WDM.. 02	1296 5005	4.0	0,250
PSC40-CZCDR/L27055-02	40	27	55	15	WDM.. 02	1096 5005	4.0	0,430
PSC50-CZCDR/L35060-02	50	35	60	15	WDM.. 02	1096 5005	4.0	0,800
PSC32-CZCDR/L22055-03	32	22	55	20	WDM.. 03	1296 5005	4.0	0,250
PSC40-CZCDR/L27060-03	40	27	60	20	WDM.. 03	1096 5005	4.0	0,480
PSC50-CZCDR/L35060-03	50	35	60	20	WDM.. 03	1096 5005	4.0	0,800
PSC63-CZCDR/L45065-03	63	45	65	20	WDM.. 03	1096 5005	4.0	1,100
PSC32-CZCDR/L22060-04	32	22	60	20	WDM.. 04	1296 5005	4.0	0,260
PSC40-CZCDR/L27067-04	40	27	67	25	WDM.. 04	1096 5005	4.0	0,440
PSC50-CZCDR/L35067-04	50	35	67	25	WDM.. 04	1096 5005	4.0	0,800
PSC63-CZCDR/L45070-04	63	45	70	25	WDM.. 04	1096 5005	4.0	1,350
PSC40-CZCDR/L27067-05	40	27	67	25	WDM.. 05	1096 5005	4.0	0,440
PSC50-CZCDR/L35067-05	50	35	67	25	WDM.. 05	1096 5005	4.0	0,800
PSC63-CZCDR/L45070-05	63	45	70	25	WDM.. 05	1096 5005	4.0	1,350
PSC40-CZCDR/L27070-06	40	27	70	25	WDM.. 06	1096 5005	4.0	0,440
PSC50-CZCDR/L35070-06	50	35	70	25	WDM.. 06	1096 5005	4.0	0,780
PSC63-CZCDR/L45075-06	63	45	75	25	WDM.. 06	1096 5005	4.0	1,430

WDM..

B07

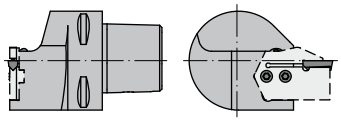
Reference / Bez	s
WDM.. 02	2,0
WDM.. 03	3,0
WDM.. 04	4,0
WDM.. 05	5,0
WDM.. 06	6,0



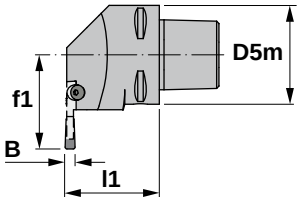
WDMG: Insert for grooving.
WDMP: Insert for parting.
WDMR: Insert for parting with radius.
WDMT: Insert for turning.
WDMG: Wendeschneidplatte zum Einstechen.
WDMP: Wendeschneidplatte zum Abstechen.
WDMR: Wendeschneidplatte zum Vollradius-Stechen.
WDMT: Wendeschneidplatte zum Drehen.

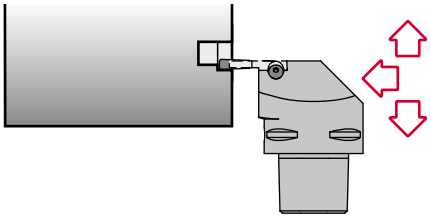
WDMG	WDMP
	
WDMR	**WDMT**
	

Characteristics:
Parting, grooving and side turning toolholder for modular blades CZFD.
Double-sided inserts 2 to 6 mm thickness.



Eigenschaften:
Klemmhalter zum Ein- und Abstechen und Längsdrehen für modulare Kassetten CZFD.
Zweiseitige Wendeschneidplatten von 2 bis 6 mm Dicke.





E

CZFD

Reference Bezeichnung	D5m	f1	l1	B	Kg
PSC32-CZFDR/L18040	32	18	40	2-6	0,250
PSC40-CZFDR/L22050	40	22	50	2-6	0,470
PSC50-CZFDR/L27060	50	27	60	2-6	0,860
PSC63-CZFDR/L34065	63	34	65	2-6	1,440

Reference Bezeichnung					Nm
PSC32-CZFDR/L18040	1025	1450	5003	5520	3.0
PSC40-CZFDR/L22050	1025	1450	5003	5520	3.0
PSC50-CZFDR/L27060	1025	1450	5003	5520	3.0
PSC63-CZFDR/L34065	1025	1450	5003	5520	3.0

For modular blades CZFD, see pages B23 to B24.
Für modulare Kassetten CZFD, siehe Seiten B23 bis B24.

Modular blades / Modulare Stechschwerter CZFD

WDM.. 02
WDM.. 03
WDM.. 04
WDM.. 05
WDM.. 06

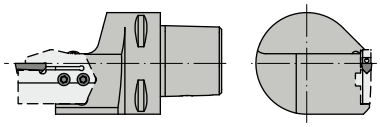
CZFD

WDM.. 03
WDM.. 04
WDM.. 05
WDM.. 06

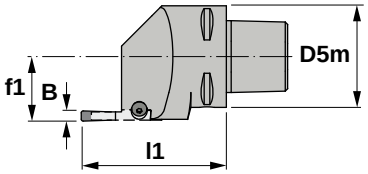
Right-handed holders use left-handed modular blades.

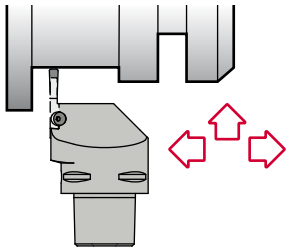
Auf rechten Haltern werden linke modulare Stechschwerter montiert.

Characteristics:
Parting, grooving and side turning toolholder for modular blades CZFD.
Double-sided inserts 2 to 6 mm thickness.



Eigenschaften:
Klemmhalter zum Ein- und Abstechen und Längsdrehen für modulare Kassetten CZFD.
Zweiseitige Wendeschneidplatten von 2 bis 6 mm Dicke.





CZGD

Reference Bezeichnung	D5m	f1	l1	B	Kg
PSC32-CZGDR/L22042	32	22	42	2-6	0,280
PSC40-CZGDR/L27050	40	27	50	2-6	0,490
PSC50-CZGDR/L30050	50	30	50	2-6	0,740
PSC63-CZGDR/L45055	63	45	55	2-6	1,240

Reference Bezeichnung					Nm
PSC32-CZGDR/L22042	1025	1450	5003	5520	3.0
PSC40-CZGDR/L27050	1025	1450	5003	5520	3.0
PSC50-CZGDR/L30050	1025	1450	5003	5520	3.0
PSC63-CZGDR/L45055	1025	1450	5003	5520	3.0

For modular blades CZFD, see pages B23 to B24.
Für modulare Kassetten CZFD, siehe Seiten B23 bis B24.

Modular blades / Modulare Stechschwerter CZFD

WDM.. 02
WDM.. 03
WDM.. 04
WDM.. 05
WDM.. 06

CZGD

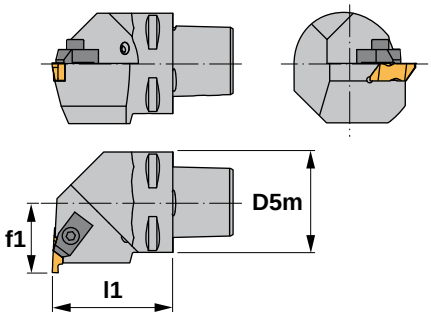
WDM.. 03
WDM.. 04
WDM.. 05
WDM.. 06

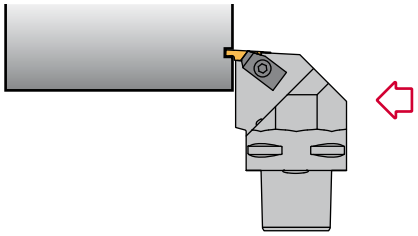
Right-handed holders use right-handed modular blades.

Auf rechten Haltern werden rechte modulare Stechschwerter montiert.

Characteristics:
Multipurpose grooving and threading top clamp toolholder.
Right tools require left inserts and vice versa.
PSC with internal coolant.

Eigenschaften:
Multifunktionaler Klemmhalter zum Einstechen und Gewindedrehen mit Top Notch Klemmung.
Rechte Werkzeuge erfordern linke Wendeschneidplatten und umgekehrt.
PSC mit Innenkühlung.





NE 93°

Reference Bezeichnung	D5m	f1	l1	Insert size Wendeschneidplatte	Kg
PSC40-NER/L27050-03	40	27	50	N.. 3	0,420
PSC50-NER/L35060-03	50	35	60	N.. 3	0,800
PSC63-NER/L45065-03	63	45	65	N.. 3	1,100

Reference Bezeichnung					Nm
PSC40-NER/L27050-03	TF-73	TF-72	5004	1495	3.5
PSC50-NER/L35060-03	TF-73	TF-72	5004	1495	3.5
PSC63-NER/L45065-03	TF-73	TF-72	5004	1495	3.5

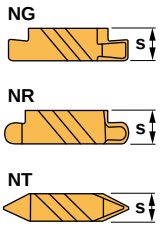
N..

B09-10

Reference / Bez	s
N.. 3	4,95

NG: Insert for grooving.
NR: Insert for parting with radius.
NT: Insert for threading.

NG: Einstechwendeschneidplatte.
NR: Vollradius-Stechplatte.
NT: Gewindewendeschneidplatte.



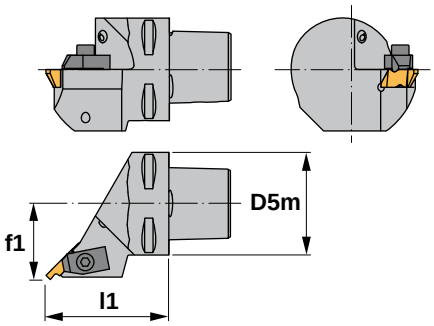
NG

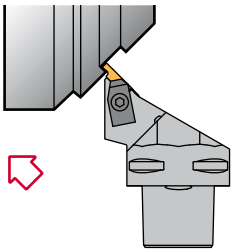
NR

NT

Characteristics:
Specific application grooving toolholder.
Right tools require left inserts and vice versa.
PSC with internal coolant.

Eigenschaften:
Klemmhalter zum Einstechen für spezifische Anwendungen.
Rechte Werkzeuge erfordern linke Wendeschneidplatten und umgekehrt.
PSC mit Innenkühlung.





NR 45°

Reference Bezeichnung	D5m	f1	l1	Insert size Wendeschneidplatte	Kg
PSC40-NRR/L27055-03	40	27	55	N.. 3	0,430
PSC50-NRR/L35060-03	50	35	60	N.. 3	0,800
PSC63-NRR/L45065-03	63	45	65	N.. 3	1,100

Reference Bezeichnung					Nm
PSC40-NRR/L27055-03	TF-73	TF-72	5004	1495	3.5
PSC50-NRR/L35060-03	TF-73	TF-72	5004	1495	3.5
PSC63-NRR/L45065-03	TF-73	TF-72	5004	1495	3.5

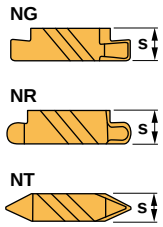
N..

B09-10

Reference / Bez	s
N.. 3	4,95

NG: Insert for grooving.
NR: Insert for parting with radius.
NT: Insert for threading.

NG: Einstechwendeschneidplatte.
NR: Vollradius-Stechplatte.
NT: Gewindewendeschneidplatte.



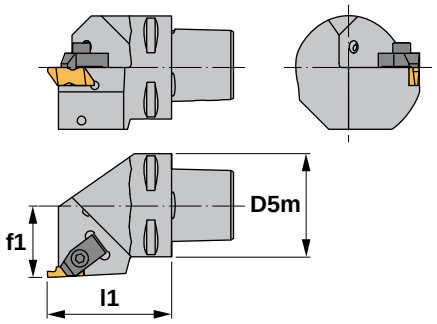
NG

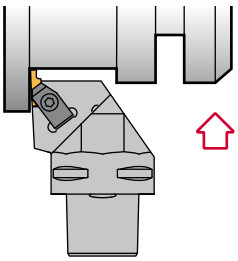
NR

NT

Characteristics:
Multipurpose grooving and threading top clamp toolholder.
PSC with internal coolant.

Eigenschaften:
Multifunktionaler Klemmhalter zum Einstechen und Gewindedrehen mit Top Notch Klemmung.
PSC mit Innenkühlung.





NS 93°

Reference Bezeichnung	D5m	f1	l1	Insert size Wendeschneidplatte	Kg
PSC32-NSR22040-02	32	22	40	N.. 2	0,210
PSC40-NSR/L27050-02	40	27	50	N.. 2	0,420
PSC32-NSR22045-03	32	22	45	N.. 3	0,240
PSC40-NSR/L27050-03	40	27	50	N.. 3	0,420
PSC50-NSR/L35060-03	50	35	60	N.. 3	0,800
PSC63-NSR/L45065-03	63	45	65	N.. 3	1,100
PSC40-NSR/L27055-04	40	27	55	N.. 4	0,430
PSC50-NSR/L35060-04	50	35	60	N.. 4	0,800
PSC63-NSR/L45065-04	63	45	65	N.. 4	1,100

Reference Bezeichnung							Nm
PSC32-NSR22040-02	TF-74	TF-75	-	-	5003	1494	3.0
PSC40-NSR/L27050-02	TF-74	TF-75	-	-	5003	1494	3.0
PSC32-NSR22045-03	TF-72	TF-73	-	-	5004	1495	3.5
PSC40-NSR/L27050-03	TF-72	TF-73	-	-	5004	1495	3.5
PSC50-NSR/L35060-03	TF-72	TF-73	-	-	5004	1495	3.5
PSC63-NSR/L45065-03	TF-72	TF-73	-	-	5004	1495	3.5
PSC40-NSR/L27055-04	TF-72	TF-73	3521	1625	5004	1495	3.5
PSC50-NSR/L35060-04	TF-72	TF-73	3521	1625	5004	1495	3.5
PSC63-NSR/L45065-04	TF-72	TF-73	3521	1625	5004	1495	3.5

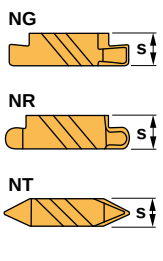
N..

B09-10

Reference / Bez	s
N.. 2	3,81
N.. 3	4,95
N.. 4	6,48

NG: Insert for grooving.
NR: Insert for parting with radius.
NT: Insert for threading.

NG: Einstechwendeschneidplatte.
NR: Vollradius-Stechplatte.
NT: Gewindewendeschneidplatte.



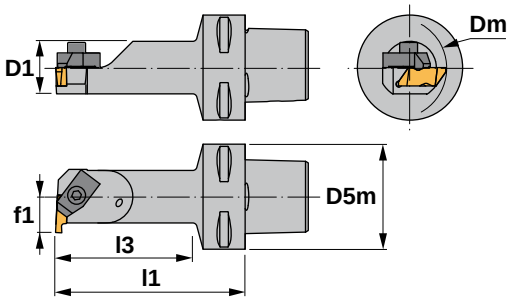
NG

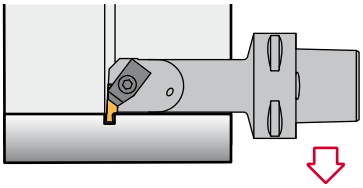
NR

NT

Characteristics:
Multipurpose grooving and threading top clamp boring bar.
Right tools require left inserts and vice versa.
PSC with internal coolant.

Eigenschaften:
Multifunktionale Bohrstange zum Einstechen und Gewindedrehen mit Top Notch Klemmung.
Rechte Werkzeuge erfordern linke Wendeschneidplatten und umgekehrt.
PSC mit Innenkühlung.





NE 93º

Reference / Bezeichnung	Dm	D1	D5m	f1	l1	l3	Insert size / Wendeschneidplatte	Kg
PSC40-NER/L11070-02	22	16	40	11	70	47	N.. 2	0,330
PSC40-NER/L13080-02	26	20	40	13	80	58	N.. 2	0,400
PSC50-NER/L11070-02	22	16	50	11	70	46	N.. 2	0,500
PSC50-NER/L13080-02	26	20	50	13	80	56	N.. 2	0,570
PSC50-NER/L17090-02	34	25	50	17	90	67	N.. 2	0,700
PSC40-NER/L17090-03	34	25	40	17	90	69	N.. 3	0,480
PSC50-NER/L17090-03	34	25	50	17	90	67	N.. 3	0,700
PSC50-NER/L22110-03	44	32	50	22	110	88	N.. 3	0,930
PSC63-NER/L27140-04	54	40	63	27	140	115	N.. 4	1,780
PSC63-NER/L35175-04	70	50	63	35	175	152	N.. 4	2,850

Reference / Bezeichnung					Nm
PSC40-NER/L11070-02	TF-147	TF-146	5003	1494	3.0
PSC40-NER/L13080-02	TF-75	TF-146	5003	1494	3.0
PSC50-NER/L11070-02	TF-75	TF-146	5003	1494	3.0
PSC50-NER/L13080-02	TF-75	TF-146	5003	1494	3.0
PSC50-NER/L17090-02	TF-75	TF-146	5003	1494	3.0
PSC40-NER/L17090-03	TF-73	TF-72	5004	1495	3.5
PSC50-NER/L17090-03	TF-73	TF-72	5004	1495	3.5
PSC50-NER/L22110-03	TF-73	TF-72	5004	1495	3.5
PSC63-NER/L27140-04	TF-73	TF-72	5004	1495	3.5
PSC63-NER/L35175-04	TF-73	TF-72	5004	1495	3.5

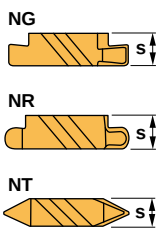
N..

B09-10

Reference / Bez	s
N.. 2	3,81
N.. 3	4,95
N.. 4	6,48

NG: Insert for grooving.
NR: Insert for parting with radius.
NT: Insert for threading.

NG: Einstechwendeschneidplatte.
NR: Vollradius-Stechplatte.
NT: Gewindewendeschneidplatte.

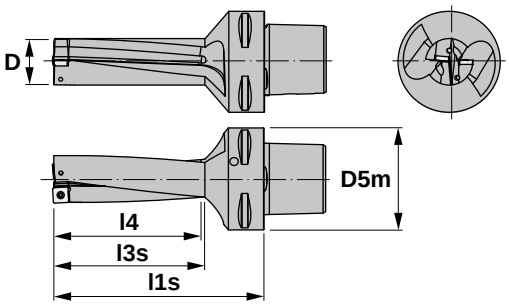


NG

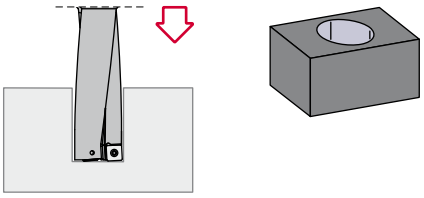
NR

NT

Characteristics:
Helical flute indexable insert drills provide faster cutting speeds and efficient chip removal for use on conventional and C.N.C. machines. This type of drills incorporates a neutral-rake geometry and screw-down square inserts for stability and clean through-hole putting.
PSC with internal coolant.
Max. hole depth = 3xDiameter (D)



Eigenschaften:
Die Spiralbohrer für Wendeschneidplatten erbringen schnellere Schnittgeschwindigkeiten und eine effiziente Spanabfuhr bei konventionellen und C.N.C. Maschinen. Dieser Bohrertyp benutzt verschraubte vierkantige Wendeschneidplatten mit neutralem Spanwinkel, was Stabilität und saubere Durchgangsbohrungen erbringt.
PSC mit Innenkühlung.
Maximale Bohrtiefe = 3xDrm. (D)



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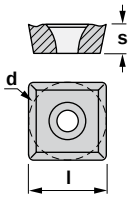
Reference Bezeichnung	D5m	D	l1s	l3s	l4	Radial Adj. Dmax	Insert size Wendeschneidplatte		Nm	Kg
PSC40-4514.15	40	15,0	82	48	45	+0,40➲15,8	SPMT 0603..	1225 5507	0.9	0,330
PSC40-4514.16	40	16,0	86	51	48	+0,30➲16,6	SPMT 0603..	1225 5507	0.9	0,360
PSC40-4514.17	40	17,0	89	54	51	+0,60➲18,2	SPMT 0603..	1225 5507	0.9	0,370
PSC40-4514.17,5	40	17,5	92	56	53	+0,50➲18,5	SPMT 0603..	1225 5507	0.9	0,380
PSC40-4514.18	40	18,0	93	57	54	+0,40➲18,8	SPMT 0603..	1225 5507	0.9	0,390
PSC40-4514.18,5	40	18,5	95	59	56	+0,40➲19,3	SPMT 0603..	1225 5507	0.9	0,400
PSC40-4514.19	40	19,0	96	60	57	+0,30➲19,6	SPMT 0603..	1225 5507	0.9	0,410
PSC40-4514.20	40	20,0	101	64	60	+0,90➲21,8	SPMT 0603..	1225 5507	0.9	0,440
PSC40-4524.21	40	21,0	104	66	63	+0,80➲22,6	SPMT 0703..	1225 5507	0.9	0,460
PSC40-4524.22	40	22,0	107	69	66	+0,60➲23,2	SPMT 0703..	1225 5507	0.9	0,490
PSC40-4524.23	40	23,0	111	72	69	+0,50➲24,0	SPMT 0703..	1225 5507	0.9	0,520
PSC40-4524.24	40	24,0	115	76	72	+1,10➲26,2	SPMT 0703..	1225 5507	0.9	0,560
PSC40-4524.25	40	25,0	119	79	75	+1,00➲27,0	SPMT 0703..	1225 5507	0.9	0,590
PSC40-4534.26	40	26,0	122	81	78	+0,90➲27,8	SPMT 0903..	1230 5508	1.2	0,640
PSC40-4534.27	40	27,0	125	84	81	+0,70➲28,4	SPMT 0903..	1230 5508	1.2	0,680
PSC40-4534.28	40	28,0	129	87	84	+0,60➲29,2	SPMT 0903..	1230 5508	1.2	0,720
PSC40-4534.29	40	29,0	132	90	87	+0,50➲30,0	SPMT 0903..	1230 5508	1.2	0,760
PSC40-4534.30	40	30,0	137	94	90	+1,12➲32,2	SPMT 0903..	1230 5508	1.2	0,810

SPMT

Square positive insert with 11° clearance.
Vierkantige positive Wendeschneidplatte mit 11° Freiwinkel. H02

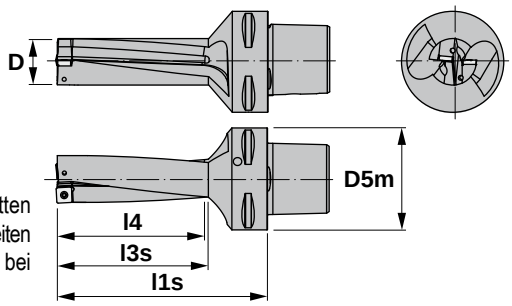
Reference / Bez	l	s	d
SPMT 060304	6,35	3,18	6,35
SPMT 070308	7,94	3,18	7,94
SPMT 090308	9,52	3,18	9,52



SPMT

Characteristics:
Helical flute indexable insert drills provide faster cutting speeds and efficient chip removal for use on conventional and C.N.C. machines.

Eigenschaften:
Die Spiralbohrer für Wendeschneidplatten erbringen schnellere Schnittgeschwindigkeiten und eine effiziente Spanabfuhr bei konventionellen und C.N.C. Maschinen.



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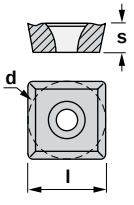
Reference / Bezeichnung	D5m	D	l1s	l3s	l4	Radial Adj. Dmax	Insert size / Wendeschneidplatte		Nm	Kg
PSC50-4514.15	50	15,0	82	48	45	+0,40➲15,8	SPMT 0603..	1225 5507	0.9	0,580
PSC50-4514.16	50	16,0	86	51	48	+0,30➲16,6	SPMT 0603..	1225 5507	0.9	0,590
PSC50-4514.17	50	17,0	89	54	51	+0,60➲18,2	SPMT 0603..	1225 5507	0.9	0,600
PSC50-4514.17,5	50	17,5	92	56	53	+0,50➲18,5	SPMT 0603..	1225 5507	0.9	0,600
PSC50-4514.18	50	18,0	93	57	54	+0,40➲18,8	SPMT 0603..	1225 5507	0.9	0,600
PSC50-4514.18,5	50	18,5	95	59	56	+0,40➲19,3	SPMT 0603..	1225 5507	0.9	0,600
PSC50-4514.19	50	19,0	96	60	57	+0,30➲19,6	SPMT 0603..	1225 5507	0.9	0,610
PSC50-4514.20	50	20,0	101	64	60	+0,90➲21,8	SPMT 0603..	1225 5507	0.9	0,640
PSC50-4524.21	50	21,0	104	66	63	+0,80➲22,6	SPMT 0703..	1225 5507	0.9	0,650
PSC50-4524.22	50	22,0	107	69	66	+0,60➲23,2	SPMT 0703..	1225 5507	0.9	0,670
PSC50-4524.23	50	23,0	111	72	69	+0,50➲24,0	SPMT 0703..	1225 5507	0.9	0,700
PSC50-4524.24	50	24,0	115	76	72	+1,10➲26,2	SPMT 0703..	1225 5507	0.9	0,740
PSC50-4524.25	50	25,0	119	79	75	+1,00➲27,0	SPMT 0703..	1225 5507	0.9	0,780
PSC50-4534.26	50	26,0	122	81	78	+0,90➲27,8	SPMT 0903..	1230 5508	1.2	0,820
PSC50-4534.27	50	27,0	125	84	81	+0,70➲28,4	SPMT 0903..	1230 5508	1.2	0,820
PSC50-4534.28	50	28,0	129	87	84	+0,60➲29,2	SPMT 0903..	1230 5508	1.2	0,900
PSC50-4534.29	50	29,0	132	90	87	+0,50➲30,0	SPMT 0903..	1230 5508	1.2	0,950
PSC50-4534.30	50	30,0	137	94	90	+1,12➲32,2	SPMT 0903..	1230 5508	1.2	1,010
PSC50-4534.31	50	31,0	141	97	93	+0,99➲33,0	SPMT 0903..	1230 5508	1.2	1,060
PSC50-4534.32	50	32,0	144	100	96	+0,87➲33,7	SPMT 0903..	1230 5508	1.2	1,110
PSC50-4534.33	50	33,0	148	103	99	+0,75➲34,5	SPMT 0903..	1230 5508	1.2	1,180
PSC50-4534.34	50	34,0	151	106	102	+0,62➲35,2	SPMT 0903..	1230 5508	1.2	1,260
PSC50-4544.35	50	35,0	155	109	105	+0,50➲36,0	SPMT 1204..	1250 5520	4.0	1,330
PSC50-4544.36	50	36,0	159	112	108	+1,38➲38,8	SPMT 1204..	1250 5520	4.0	1,420
PSC50-4544.37	50	37,0	162	115	111	+1,25➲39,5	SPMT 1204..	1250 5520	4.0	1,470
PSC50-4544.38	50	38,0	166	118	114	+1,13➲40,2	SPMT 1204..	1250 5520	4.0	1,580
PSC50-4544.39	50	39,0	169	121	117	+1,00➲41,0	SPMT 1204..	1250 5520	4.0	1,640
PSC50-4544.40	50	40,0	173	124	120	+0,88➲41,8	SPMT 1204..	1250 5520	4.0	2,040
PSC50-4544.41	50	41,0	177	127	123	+0,75➲42,5	SPMT 1204..	1250 5520	4.0	2,040
PSC50-4544.42	50	42,0	186	130	126	+0,63➲43,2	SPMT 1204..	1250 5520	4.0	2,040
PSC50-4544.43	50	43,0	190	133	129	+0,50➲44,0	SPMT 1204..	1250 5520	4.0	2,150

SPMT

Square positive insert with 11° clearance. H02
Vierkantige positive Wendeschneidplatte mit 11° Freiwinkel.

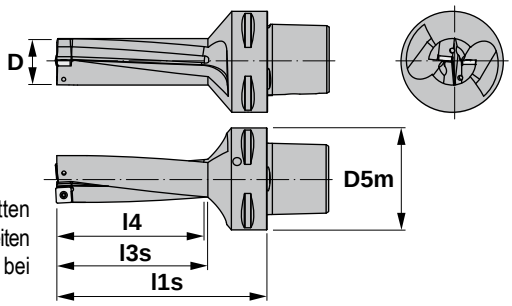
Reference / Bez	l	s	d
SPMT 060304	6,35	3,18	6,35
SPMT 070308	7,94	3,18	7,94
SPMT 090308	9,52	3,18	9,52
SPMT 120408	12,70	4,76	12,70



SPMT

Characteristics:
Helical flute indexable insert drills provide faster cutting speeds and efficient chip removal for use on conventional and C.N.C. machines.

Eigenschaften:
Die Spiralbohrer für Wendeschneidplatten erbringen schnellere Schnittgeschwindigkeiten und eine effiziente Spanabfuhr bei konventionellen und C.N.C. Maschinen.



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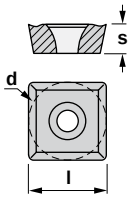
Reference Bezeichnung	D5m	D	l1s	l3s	l4	Radial Adj. Dmax	Insert size Wendeschneidplatte		Nm	Kg
PSC63-4514.15	63	15,0	84	48	45	+0,40➲15,8	SPMT 0603..	1225 5507	0.9	0,840
PSC63-4514.16	63	16,0	88	51	48	+0,30➲16,6	SPMT 0603..	1225 5507	0.9	0,860
PSC63-4514.17	63	17,0	91	54	51	+0,60➲18,2	SPMT 0603..	1225 5507	0.9	0,870
PSC63-4514.17,5	63	17,5	94	56	53	+0,50➲18,5	SPMT 0603..	1225 5507	0.9	0,880
PSC63-4514.18	63	18,0	95	57	54	+0,40➲18,8	SPMT 0603..	1225 5507	0.9	0,880
PSC63-4514.18,5	63	18,5	97	59	56	+0,40➲19,3	SPMT 0603..	1225 5507	0.9	0,900
PSC63-4514.19	63	19,0	98	60	57	+0,30➲19,6	SPMT 0603..	1225 5507	0.9	0,900
PSC63-4514.20	63	20,0	103	64	60	+0,90➲21,8	SPMT 0603..	1225 5507	0.9	0,930
PSC63-4524.21	63	21,0	106	66	63	+0,80➲22,6	SPMT 0703..	1225 5507	0.9	0,960
PSC63-4524.22	63	22,0	109	69	66	+0,60➲23,2	SPMT 0703..	1225 5507	0.9	0,970
PSC63-4524.23	63	23,0	113	72	69	+0,50➲24,0	SPMT 0703..	1225 5507	0.9	1,010
PSC63-4524.24	63	24,0	117	76	72	+1,10➲26,2	SPMT 0703..	1225 5507	0.9	1,040
PSC63-4524.25	63	25,0	121	79	75	+1,00➲27,0	SPMT 0703..	1225 5507	0.9	1,080
PSC63-4534.26	63	26,0	124	81	78	+0,90➲27,8	SPMT 0903..	1230 5508	1.2	1,120
PSC63-4534.27	63	27,0	127	84	81	+0,70➲28,4	SPMT 0903..	1230 5508	1.2	1,160
PSC63-4534.28	63	28,0	131	87	84	+0,60➲29,2	SPMT 0903..	1230 5508	1.2	1,210
PSC63-4534.29	63	29,0	134	90	87	+0,50➲30,0	SPMT 0903..	1230 5508	1.2	1,260
PSC63-4534.30	63	30,0	139	94	90	+1,12➲32,2	SPMT 0903..	1230 5508	1.2	1,320
PSC63-4534.31	63	31,0	143	97	93	+0,99➲33,0	SPMT 0903..	1230 5508	1.2	1,370
PSC63-4534.32	63	32,0	146	100	96	+0,87➲33,7	SPMT 0903..	1230 5508	1.2	1,430
PSC63-4534.33	63	33,0	150	103	99	+0,75➲34,5	SPMT 0903..	1230 5508	1.2	1,500
PSC63-4534.34	63	34,0	153	106	102	+0,62➲35,2	SPMT 0903..	1230 5508	1.2	1,560
PSC63-4544.35	63	35,0	157	109	105	+0,50➲36,0	SPMT 1204..	1250 5520	4.0	1,630
PSC63-4544.36	63	36,0	161	112	108	+1,38➲38,8	SPMT 1204..	1250 5520	4.0	1,710
PSC63-4544.37	63	37,0	164	115	111	+1,25➲39,5	SPMT 1204..	1250 5520	4.0	1,790
PSC63-4544.38	63	38,0	168	118	114	+1,13➲40,2	SPMT 1204..	1250 5520	4.0	1,880
PSC63-4544.39	63	39,0	171	121	117	+1,00➲41,0	SPMT 1204..	1250 5520	4.0	1,940
PSC63-4544.40	63	40,0	175	124	120	+0,88➲41,8	SPMT 1204..	1250 5520	4.0	2,040
PSC63-4544.41	63	41,0	179	127	123	+0,75➲42,5	SPMT 1204..	1250 5520	4.0	2,160
PSC63-4544.42	63	42,0	182	130	126	+0,63➲43,2	SPMT 1204..	1250 5520	4.0	2,270
PSC63-4544.43	63	43,0	186	133	129	+0,50➲44,0	SPMT 1204..	1250 5520	4.0	2,350

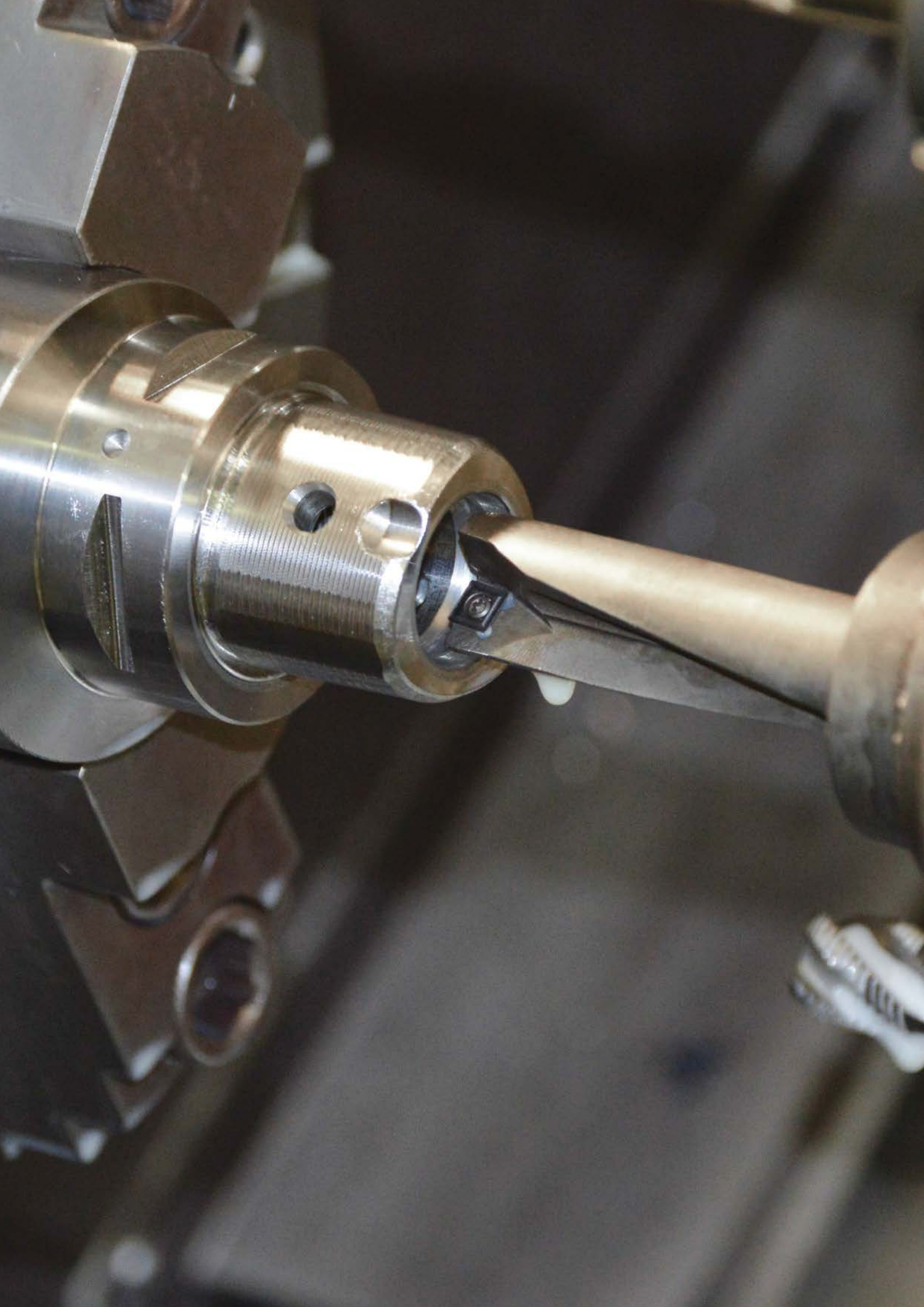
SPMT

Square positive insert with 11° clearance.
Vierkantige positive Wendeschneidplatte mit 11° Freiwinkel. H02

Reference / Bez	l	s	d
SPMT 060304	6,35	3,18	6,35
SPMT 070308	7,94	3,18	7,94
SPMT 090308	9,52	3,18	9,52
SPMT 120408	12,70	4,76	12,70



SPMT



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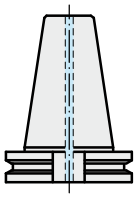

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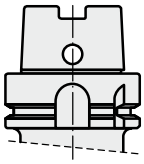

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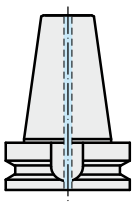

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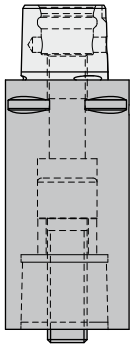
EXTENSION
VERLÄNGERUNG



REDUCER
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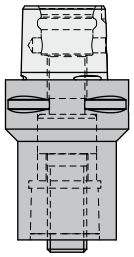
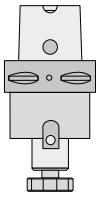
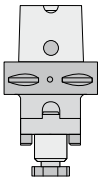


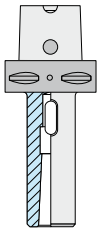
18.160



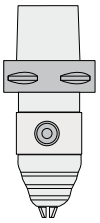
18.180



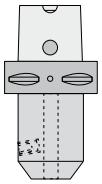
18.215



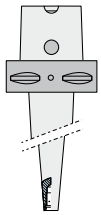
18.296



18.306



18.315



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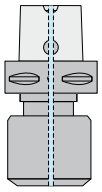

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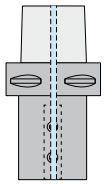
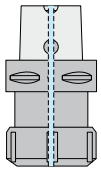
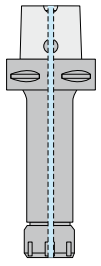


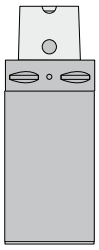
18.453



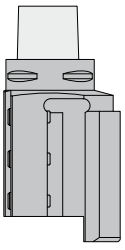
18.455



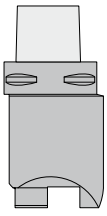
18.470



18.500



18.510



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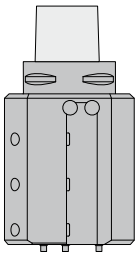

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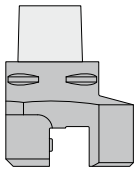
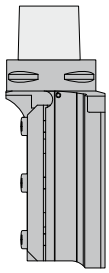
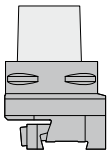


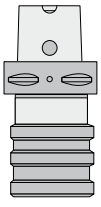
18.540



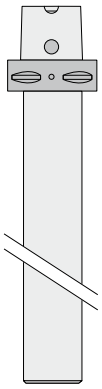
18.550



18.620



18.999

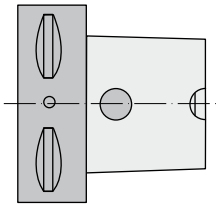


Code system / Kodifizierung

18	160	050	16
1	2	3	4

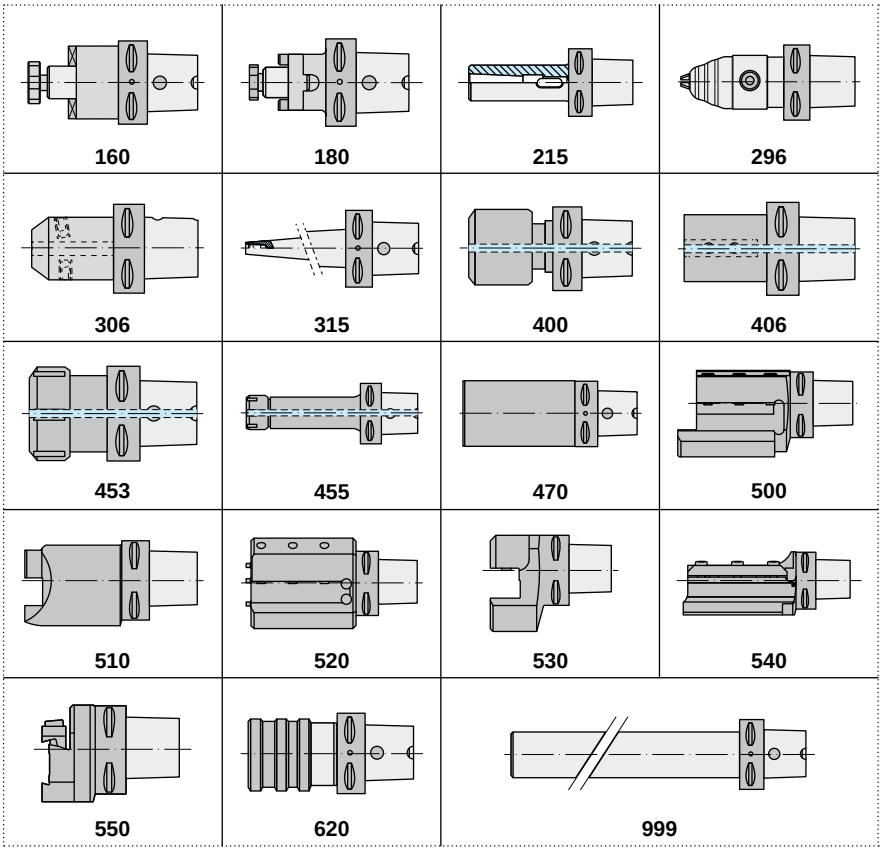
1 Model / Modell

PSC ISO 26623-1



18

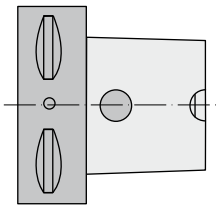
2 Arbor type / Aufnahmen-Typ



160	180	215	296
306	315	400	406
453	455	470	500
510	520	530	540
550	620	999	

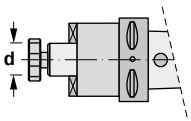
3 Arbor size / Aufnahmengröße

PSC ISO 26623-1



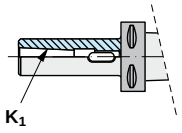
32 | 40 | 50 | 63 | 80 | 100

4 Adaptor size / Adaptergröße

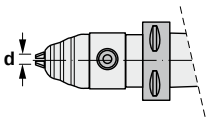


Ø16 ... Ø60
16 ... 60

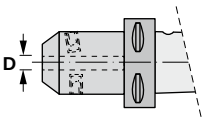
K_1 - MORSE



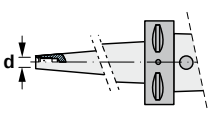
MK2 | MK3 | MK4 | MK5
02 | **03** | **04** | **05**



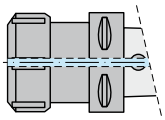
Ø13 | Ø16
13 | **16**



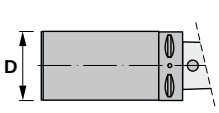
Ø25 ... Ø100
25 ... 100



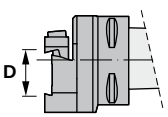
M | M | M | M
M8 | **M10** | **M12** | **M16**



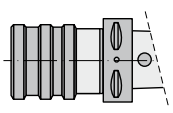
ER16 ... ER50
16 ... 50



Ø32 ... Ø200
32 ... 200



Ø20 ... Ø50
20 ... 50



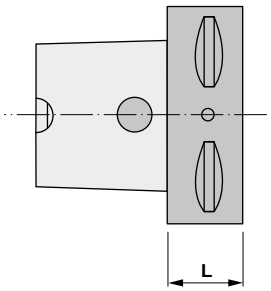
M3-M12 | M8-M20 | M14-M33
12 | **20** | **33**

AT3 TECHNICAL CHARACTERISTICS OF THE TOOLHOLDERS
AT3 TECHNISCHE EIGENSCHAFTEN DER AUFNAHMEN

MATERIAL:
- Chromium-manganese carburised steel 1.7131 (16MnCr5).

EXECUTION:
- Carburised, hardened and tempered.
- Surface hardness HRC 58±2 (670±40 HV30)
- Depth of carburised layer minimum 0,5 mm.
- Tensile strength in core minimum 800 N/mm2 after carburizing.

ACCURACY:
- Taper according to DIN 254
- Taper angle:
  tolerance AT 3 DIN 7178 part 1 and DIN 2080 part 1.
- Other tolerances according to DIN 7160 and 7168.
- Taper surface roughness RZ<0,001 mm.



TOLERANCE *AT*:
- Indicates the tolerance of measuring plane D between the real and the theoretical value of the taper conicity.
- This value of measuring plane D must always be less (negative), never more (positive) in order to GUARANTEE a good toolholder fixation at the bigger taper diameter.

MATERIALIEN:
- Legierter aufgekohlter Stahl mit Chrom-Mangan 1.7131 (16MnCr5).

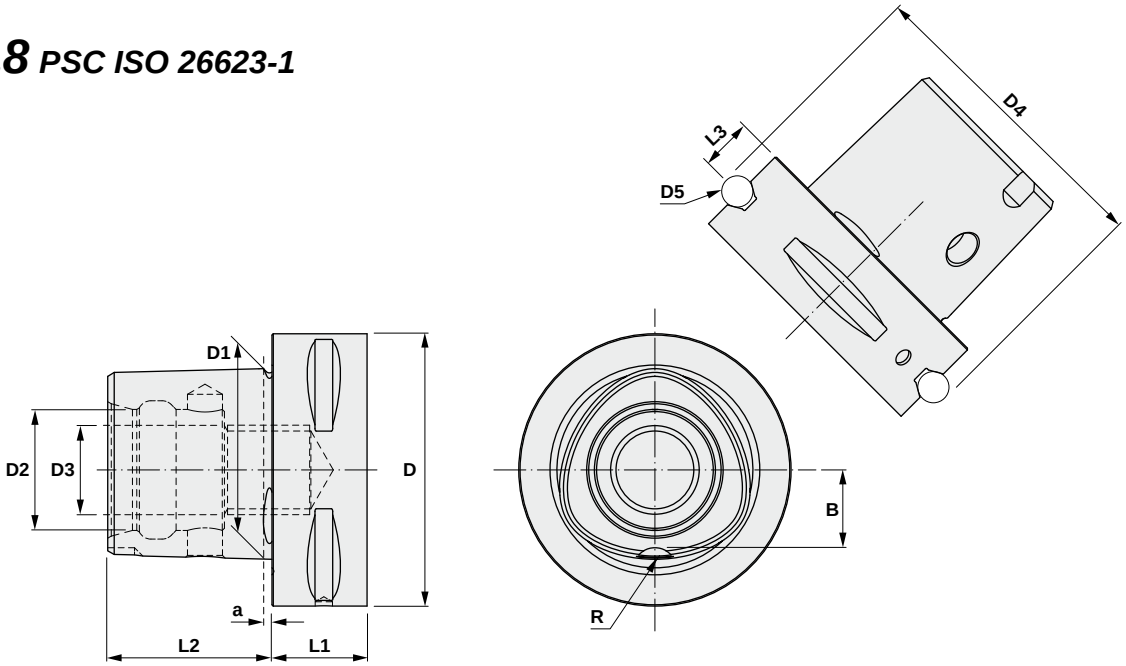
KONSTRUKTIONSDATEN:
- Aufgekohlt, gehärtet und angelassen.
- Oberflächenhärte HRC 58±2 (670±40 HV30)
- Aufgekohlt auf minimum 0,5 mm Tiefe.
- Zugfestigkeit im Kern minimum 800 N/mm2 nach der Aufkohlung.

GENAUIGKEIT:
- Dorn nach DIN 254
- Kegelwinkel:
  Toleranz AT 3 DIN 7178 Teil 1 und DIN 2080 Teil 1.
- Andere Toleranzen entsprechend DIN 7160 und 7168.
- Rauhigkeit der Oberfläche RZ<0,001 mm.

PSC	AT3 mm
PSC32	0,002
PSC40	0,003
PSC50	0,003
PSC63	0,004
PSC80	0,005

TOLERANZ *AT*:
- Zeigt die Toleranz auf der Messebene D zwischen dem tatsächlichen Wert der Kegelkonizität und dem theoretischen Wert.
- Dieser Wert auf der Messebene D sollte immer minus (negativ) sein, nie plus (positiv), um für einen guten Halt des Futters in den größeren Durchmesser des Kegels zu GARANTIEREN.

18 PSC ISO 26623-1



PSC	D	D1	D2	D3	D4	D5	L1 min	L2	L3	a	B	R
32	32	22	15	M12 x 1,5	39,0	5	15	19	6	2,5	9,0	3
40	40	28	18	M14 x 1,5	46,0	5	20	24	8	2,5	11,0	3
50	50	35	21	M16 x 1,5	59,3	7	20	30	10	3,0	14,0	4
63	63	44	28	M20 x 2,0	70,7	7	22	38	12	3,0	18,0	5
80	80	55	32	M20 x 2,0	86,0	7	30	48	12	3,0	22,2	6
100	100	72	43	M24 x 2,0	110,0	10	32	60	16	3,0	29,2	6

Arbors and adaptors PSC ISO 26623-1
Aufnahmen PSC ISO 26623-1

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18.218 *Extension*
Verlängerung

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18.218 *Reducer*
Reduzierhülse

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MC

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AC

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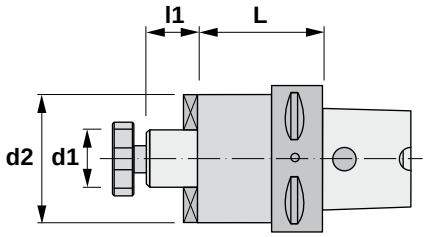
E

Characteristics:
Shell mill adaptor.
PSC ISO 26623-1
For cutters with driving slot DIN 138.

Eigenschaften:
Aufsteckfräsdorne.
PSC ISO 26623-1
Für Fräser mit Quernut DIN 138.

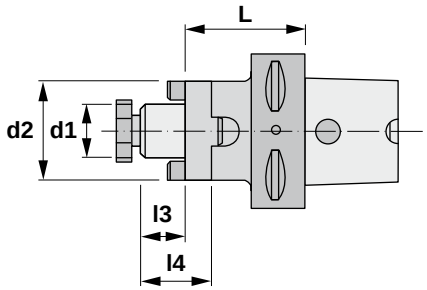


18.160

Reference Bezeichnung	PSC	d1 h6	L	l1	d2				Kg
18.160.040.16	40	16	55	17	37	10008	86016	11103	0,560
18.160.040.22	40	22	55	19	47	10010	86022	11004	0,770
18.160.050.16	50	16	60	17	37	10008	86016	11103	0,780
18.160.050.22	50	22	60	19	47	10010	86022	11004	1,020
18.160.050.27	50	27	60	21	58	10012	86027	11005	1,270
18.160.050.32	50	32	60	24	63	10016	86032	11105	1,500
18.160.063.16	63	16	63	17	37	10008	86016	11103	1,070
18.160.063.22	63	22	25	19	47	10010	86122	11004	0,820
18.160.063.22/100	63	22	100	19	47	10010	86022	11004	1,810
18.160.063.27	63	27	25	21	58	10012	86127	11005	0,850
18.160.063.27/100	63	27	100	21	58	10012	86027	11005	2,390
18.160.063.32	63	32	25	24	63	10016	86132	11105	0,890
18.160.063.32/100	63	32	100	24	63	10016	86032	11105	2,710
18.160.063.40	63	40	40	27	89	10020	80040	11006	1,770
18.160.063.40/100	63	40	100	27	70	10020	86040	11006	3,230
18.160.080.16	80	16	50	17	37	10008	86016	11103	1,900
18.160.080.22	80	22	30	19	47	10010	86122	11004	1,760
18.160.080.22/100	80	22	100	19	47	10010	86022	11004	2,710
18.160.080.27	80	27	30	21	58	10012	86127	11005	1,790
18.160.080.27/100	80	27	100	21	58	10012	86027	11005	3,240
18.160.080.32	80	32	30	24	63	10016	86132	11105	1,830
18.160.080.32/100	80	32	100	24	63	10016	86032	11105	3,530
18.160.080.40	80	40	40	27	63	10020	86140	11006	2,380
18.160.080.40/100	80	40	100	27	70	10020	86040	11006	4,000
18.160.080.60	80	60	60	40	130	-	80060	11012	5,420
18.160.100.16	100	16	50	17	37	10008	86016	11103	3,260
18.160.100.22	100	22	50	19	47	10010	86022	11004	3,380
18.160.100.22/100	100	22	100	19	47	10010	86022	11004	4,050
18.160.100.27	100	27	50	21	58	10012	86027	11005	3,530
18.160.100.27/100	100	27	100	21	58	10012	86027	11005	4,560
18.160.100.32	100	32	50	24	63	10016	86032	11105	3,890
18.160.100.32/100	100	32	100	24	63	10016	86032	11105	5,860
18.160.100.40	100	40	50	27	63	10020	86040	11006	3,980
18.160.100.40/100	100	40	100	27	63	10020	86040	11006	5,940
18.160.100.60	100	60	70	40	130	-	80060	11012	7,610

Characteristics:
Combi-Shell mill adaptor.
PSC ISO 26623-1
For cutters with keyway or driving slot DIN 138.

Eigenschaften:
Kombi-Aufsteckfräsdorne.
PSC ISO 26623-1
Für Fräser mit Längsnut oder Stirnmitnehmer DIN 138.

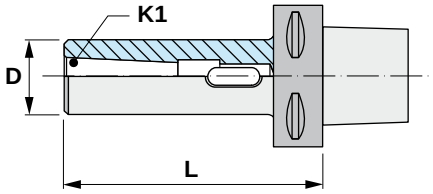


18.180

Reference Bezeichnung	PSC	d1 h6	L	l3	l4	d2				Kg
18.180.040.16	40	16	50	17	27	32	10008	60116	88016	0,450
18.180.040.22	40	22	50	19	31	40	10010	60122	88022	0,590
18.180.050.16	50	16	50	17	27	32	10008	60116	88016	0,640
18.180.050.22	50	22	50	19	31	40	10010	60122	88022	0,770
18.180.050.27	50	27	50	21	33	48	10012	60127	88027	0,930
18.180.050.32	50	32	60	24	38	58	10016	60132	88032	1,360
18.180.063.16	63	16	90	17	27	32	10008	60116	88016	1,160
18.180.063.22	63	22	90	19	31	40	10010	60122	88022	1,420
18.180.063.27	63	27	90	21	33	48	10012	60127	88027	1,740
18.180.063.32	63	32	90	24	38	58	10016	60132	88032	2,220
18.180.063.40	63	40	90	27	41	70	10020	60140	88040	2,940
18.180.080.16	80	16	100	17	27	32	10008	60116	88016	2,180
18.180.080.22	80	22	100	19	31	40	10010	60122	88022	2,450
18.180.080.27	80	27	100	21	33	48	10012	60127	88027	2,780
18.180.080.32	80	32	100	24	38	58	10016	60132	88032	3,280
18.180.080.40	80	40	100	27	41	70	10020	60140	88040	4,070
18.180.080.50	80	50	100	30	46	90	10024	60150	88050	5,550
18.180.100.16	100	16	100	17	27	32	10008	60116	88016	3,540
18.180.100.22	100	22	100	19	31	40	10010	60122	88022	3,800
18.180.100.27	100	27	100	21	33	48	10012	60127	88027	4,130
18.180.100.32	100	32	100	24	38	58	10016	60132	88032	4,610
18.180.100.40	100	40	100	27	41	70	10020	60140	88040	5,330
18.180.100.50	100	50	100	30	46	90	10024	60150	88050	6,820

Characteristics:
Reducing adaptor.
PSC ISO 26623-1
For tools with Morse taper shank and tang DIN 228-B. Form B.

Eigenschaften:
Reduzierhülsen.
PSC ISO 26623-1
Für Werkzeuge mit Morsekegel und Austreiblappen DIN 228-B Form B.



18.215

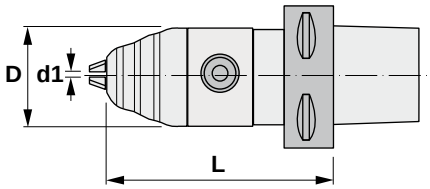
Reference Bezeichnung	PSC	K1 MORSE	L	D	Kg
18.215.050.02	50	2	110	32	0,860
18.215.050.03	50	3	130	40	1,230
18.215.063.02	63	2	110	32	1,140
18.215.063.03	63	3	130	40	1,500
18.215.063.04	63	4	150	52	2,250
18.215.080.03	80	3	120	40	2,340
18.215.080.04	80	4	140	52	2,980
18.215.080.05	80	5	160	63	3,480
18.215.100.03	100	3	130	40	3,780
18.215.100.04	100	4	150	52	4,480
18.215.100.05	100	5	175	63	5,130

Characteristics:
CNC-Universal precision drill chucks.
PSC ISO 26623-1
For left and right hand turn.

*** SUPPLIED WITH WRENCH**

Eigenschaften:
CNC-Universal Bohrfutter,
Genauigkeitsausführung.
PSC ISO 26623-1
Für links- und rechtslaufende
Bearbeitungen.

*** LIEFERUNG MIT SCHLÜSSEL**



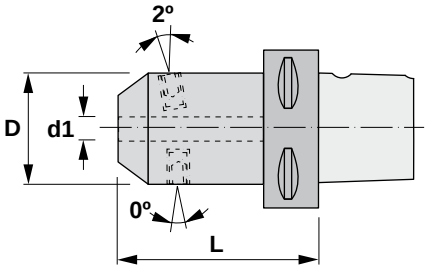
18.296

Reference Bezeichnung	PSC	d1	D	L	Kg
18.296.040.13	40	0.5 - 13	50	112	1,560
18.296.050.13	50	0.5 - 13	50	112	1,730
18.296.063.13	63	0.5 - 13	50	112	2,320
18.296.063.16	63	3.0 - 16	57	112	2,350
18.296.080.13	80	0.5 - 13	50	125	3,030
18.296.080.16	80	3.0 - 16	57	125	3,280
18.296.100.13	100	0.5 - 13	50	135	4,250
18.296.100.16	100	3.0 - 16	57	135	4,400

Reference Bezeichnung		3x
18.296.040.13	50706	60313
18.296.050.13	50706	60313
18.296.063.13	50706	60313
18.296.063.16	50706	60313
18.296.080.13	50706	60313
18.296.080.16	50706	60313
18.296.100.13	50706	60313
18.296.100.16	50706	60313

Characteristics:
Combined end mill adaptors type Weldon / Whistle-Notch. PSC ISO 26623-1
For tools with cylindrical shank and tightening inclined flat DIN 1835-B+E.

Eigenschaften:
Kombi-Aufnahme Typ Weldon / Whistle-Notch. PSC ISO 26623-1
Für Werkzeuge mit zylindrischem Schaft und geneigter Spannfläche DIN1835-B+E.

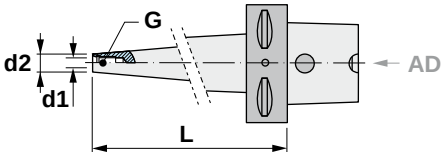


18.306

Reference Bezeichnung	PSC	d1	L	D	2x	Kg
18.306.040.06	40	06	50	25	15106	0,350
18.306.040.08	40	08	50	28	15108	0,370
18.306.040.10	40	10	50	35	15110	0,440
18.306.040.12	40	12	55	42	15212	0,570
18.306.040.16	40	16	55	48	15314	0,650
18.306.050.06	50	06	55	25	15106	0,550
18.306.050.08	50	08	55	28	15108	0,580
18.306.050.10	50	10	65	35	15110	0,730
18.306.050.12	50	12	65	42	15212	0,870
18.306.050.14	50	14	65	42	15212	0,850
18.306.050.16	50	16	65	48	15314	0,980
18.306.050.18	50	18	65	48	15314	0,950
18.306.050.20	50	20	65	52	15216	1,020
18.306.050.25	50	25	80	65	4 x 15218	1,620
18.306.063.06	63	06	80	25	15106	0,920
18.306.063.08	63	08	80	28	15108	0,960
18.306.063.10	63	10	80	35	15110	1,100
18.306.063.12	63	12	80	42	15212	1,280
18.306.063.14	63	14	80	42	15212	1,260
18.306.063.16	63	16	80	48	15314	1,430
18.306.063.18	63	18	80	48	15314	1,400
18.306.063.20	63	20	80	52	15216	1,510
18.306.063.25	63	25	90	65	4 x 15218	2,080
18.306.063.32	63	32	90	72	4 x 15220	1,890
18.306.063.40	63	40	95	80	4 x 15220	1,680
18.306.080.06	80	06	80	25	15106	1,900
18.306.080.08	80	08	80	28	15108	1,940
18.306.080.10	80	10	80	35	15110	2,060
18.306.080.12	80	12	80	42	15212	2,210
18.306.080.14	80	14	80	42	15212	2,190
18.306.080.16	80	16	80	48	15314	2,330
18.306.080.20	80	20	80	52	15216	2,400
18.306.080.25	80	25	90	65	4 x 15218	3,010
18.306.080.32	80	32	90	72	4 x 15220	3,190
18.306.080.40	80	40	110	80	4 x 15220	3,980
18.306.080.50	80	50	120	100	4 x 15024	3,760
18.306.100.12	100	12	100	42	15212	3,750
18.306.100.16	100	16	100	48	15314	3,930
18.306.100.20	100	20	100	52	15216	4,020
18.306.100.25	100	25	100	65	4 x 15218	4,550
18.306.100.32	100	32	100	72	4 x 15220	4,750
18.306.100.40	100	40	120	80	4 x 15220	5,600
18.306.100.50	100	50	130	100	4 x 15024	7,500

Characteristics:
Mill adaptors.
PSC ISO 26623-1
For frontal end mill support screwed shanks.

Eigenschaften:
Spannfutter PSC ISO 26623-1
Für Einschraubfräser.

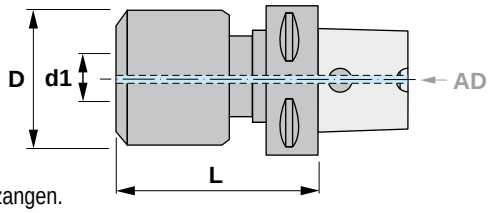


18.315

Reference Bezeichnung	PSC	L	d1	d2	Kg
18.315.040.08	40	70	M8	13	0,310
18.315.040.10	40	80	M10	18	0,390
18.315.040.12	40	80	M12	21	0,430
18.315.050.08	50	70	M8	13	0,490
18.315.050.10	50	80	M10	18	0,570
18.315.050.12	50	80	M12	21	0,610
18.315.050.16	50	80	M16	29	0,750
18.315.063.08	63	70	M8	13	0,770
18.315.063.10	63	90	M10	18	0,880
18.315.063.12	63	100	M12	21	0,980
18.315.063.16	63	100	M16	29	1,170
18.315.080.12	80	100	M12	21	1,950
18.315.080.16	80	100	M16	29	2,110
18.315.100.12	100	120	M12	21	3,590
18.315.100.16	100	120	M16	29	3,560

Characteristics:
Strong hold collet chuck for cylindrical collets.
PSC ISO 26623-1

Eigenschaften:
Kraftspannfutter für zylindrische Spannzangen.
PSC ISO 26623-1



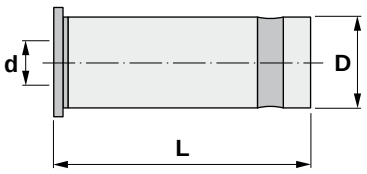
18.400

Reference Bezeichnung	PSC	L	d1	D	Kg
18.400.063.20	63	93	20	54	1,690
18.400.080.20	80	89	20	72	2,490
18.400.080.32	80	101	32	72	3,140
18.400.100.32	100	120	32	72	5,160

E

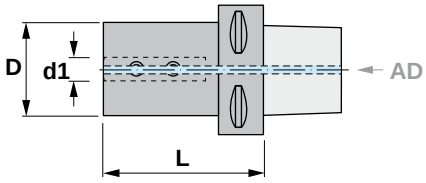
Complements (Collets type C) /Zubehör (Spannzangen Typ C)

Reference / Bezeichnung	d	D	L
C2003	3	20	55
C2004	4	20	55
C2005	5	20	55
C2006	6	20	55
C2008	8	20	55
C2010	10	20	55
C2012	12	20	55
C2016	16	20	55
C3203	3	32	65
C3204	4	32	65
C3205	5	32	65
C3206	6	32	65
C3208	8	32	65
C3210	10	32	65
C3212	12	32	65
C3214	14	32	65
C3216	16	32	65
C3218	18	32	65
C3220	20	32	65
C3223	23	32	65
C3224	24	32	65
C3225	25	32	65
C3230	30	32	65



Characteristics:
Boring bar holders.
PSC ISO 26623-1

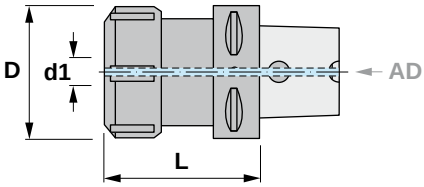
Eigenschaften:
Bohrstangenaufnahme.
PSC ISO 26623-1



18.406

Reference Bezeichnung	PSC	L	d1	D		Kg
18.406.040.08	40	50	08	44	14206	0,590
18.406.040.10	40	50	10	44	14208	0,580
18.406.040.12	40	50	12	44	14208	0,570
18.406.040.16	40	50	16	44	14210	0,550
18.406.040.20	40	50	20	44	14210	0,510
18.406.040.25	40	60	25	50	14210	0,660
18.406.050.08	50	52	08	44	14206	0,790
18.406.050.10	50	52	10	44	14208	0,780
18.406.050.12	50	52	12	44	14208	0,770
18.406.050.16	50	52	16	44	14210	0,730
18.406.050.20	50	52	20	50	14210	0,820
18.406.050.25	50	60	25	55	14210	1,000
18.406.063.08	63	60	08	44	14206	1,140
18.406.063.10	63	60	10	44	14208	1,130
18.406.063.12	63	60	12	44	14208	1,120
18.406.063.16	63	60	16	44	14210	1,090
18.406.063.20	63	60	20	50	14210	1,190
18.406.063.25	63	72	25	55	14210	1,420
18.406.063.32	63	75	32	55	14210	1,320
18.406.063.40	63	85	40	65	14210	3,260
18.406.080.16	80	85	16	44	14210	2,280
18.406.080.20	80	85	20	50	14210	2,410
18.406.080.25	80	85	25	55	14210	2,490
18.406.080.32	80	85	32	72	17110	3,080
18.406.080.40	80	95	40	65	14210	4,850
18.406.080.50	80	100	50	75	14210	4,680
18.406.100.16	100	100	16	44	14210	3,430
18.406.100.20	100	100	20	50	14210	3,650
18.406.100.25	100	100	25	55	14210	3,900
18.406.100.32	100	100	32	72	17110	4,600
18.406.100.40	100	110	40	65	14210	5,200
18.406.100.50	100	120	50	75	14210	5,580

Characteristics:
Collet chucks for DIN 6499 (ER) collets.
PSC ISO 26623-1
For tools with cylindrical shank DIN 1835-B.
* Ball bearing nut, see page: I217



Eigenschaften:
Spannzangenfutter für Spannzangen DIN 6499 (ER).
PSC ISO 26623-1
Für Werkzeuge mit zylindrischem Schaft DIN 1835-B.
* Für Kugellager-Mutter, siehe Seite: I217

18.453

*** SUPPLIED WITHOUT WRENCH / LIEFERUNG OHNE SCHLÜSSEL**

Reference Bezeichnung	PSC		L	d1	D			Kg
18.453.040.16	40	ER16	60	0,5-10	28	45316	50216	0,420
18.453.040.20	40	ER20	60	1-13	34	45320	50220	0,490
18.453.040.25	40	ER25	60	1-16	42	45325	50225	0,630
18.453.040.32	40	ER32	60	2-20	50	45332	50232	0,850
18.453.050.16	50	ER16	60	0,5-10	28	45316	50216	0,600
18.453.050.16/100	50	ER16	100	0,5-10	28	45316	50216	0,790
18.453.050.20	50	ER20	60	1-13	34	45320	50220	0,670
18.453.050.20/100	50	ER20	100	1-13	34	45320	50220	0,900
18.453.050.25	50	ER25	60	1-16	42	45325	50225	0,810
18.453.050.25/100	50	ER25	100	1-16	42	45325	50225	1,150
18.453.050.32	50	ER32	60	2-20	50	45332	50232	1,020
18.453.050.32/100	50	ER32	100	2-20	50	45332	50232	1,520
18.453.050.40	50	ER40	65	3-30	63	45340	50240	1,410
18.453.050.40/100	50	ER40	100	3-30	63	45340	50240	1,950
18.453.063.16	63	ER16	60	0,5-10	28	45316	50216	0,870
18.453.063.16/100	63	ER16	100	0,5-10	28	45316	50216	1,060
18.453.063.20	63	ER20	60	1-13	34	45320	50220	0,940
18.453.063.20/100	63	ER20	100	1-13	34	45320	50220	1,170
18.453.063.25	63	ER25	60	1-16	42	45325	50225	1,070
18.453.063.25/100	63	ER25	100	1-16	42	45325	50225	1,410
18.453.063.32	63	ER32	60	2-20	50	45332	50232	1,280
18.453.063.32/100	63	ER32	100	2-20	50	45332	50232	1,810
18.453.063.40	63	ER40	70	3-30	63	45340	50240	1,770
18.453.063.40/120	63	ER40	120	3-30	63	45340	50240	2,740
18.453.080.32	80	ER32	70	2-20	50	45332	50232	2,310
18.453.080.32/160	80	ER32	160	2-20	50	45332	50232	3,420
18.453.080.40	80	ER40	70	3-30	63	45340	50240	2,660
18.453.080.40/160	80	ER40	160	3-30	63	45340	50240	4,350
18.453.100.32	100	ER32	100	2-20	50	45332	50232	3,960
18.453.100.32/160	100	ER32	160	2-20	50	45332	50232	4,780
18.453.100.40	100	ER40	100	3-30	63	45340	50240	4,430
18.453.100.40/160	100	ER40	160	3-30	63	45340	50240	5,690
18.453.100.50	100	ER50	100	6-34	78	45350	50250	5,460
18.453.100.50/160	100	ER50	160	6-34	78	45350	50250	7,190

ERXX I210-212

Reference / Bez.
ERXX

ERCXX I215-216

Reference / Bez.
ERCXX

ERTXX I217-218

Reference / Bez.
ERTXX

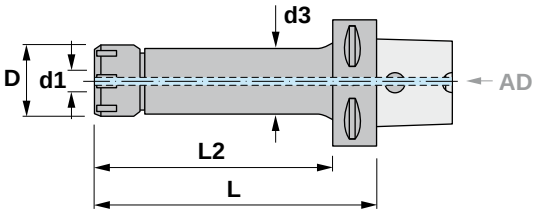
40.453.. I180

Reference / Bez.
40.453..

40.455.. I181

Reference / Bez.
40.455..

Characteristics:
Long collet chuck for
DIN 6499 (ER) collets.
PSC ISO 26623-1
For tools with cylindrical shank.
With “mini” collet nut.



*** SUPPLIED WITHOUT WRENCH**

Eigenschaften:
Lange Spannzangenfutter für
Spannzangen DIN 6499 (ER).
PSC ISO 26623-1
Für Werkzeuge mit zylindrischem Schaft.
Mit “Mini”-Spannmutter.

*** LIEFERUNG OHNE SCHLÜSSEL**

18.455

Reference Bezeichnung	PSC		L	d1	D	L2	d3				Kg
18.455.063.16	63	ER16	60	0,5-10	22	-	-	45516	50916	19210	0,860
18.455.063.16/100	63	ER16	100	0,5-10	22	78	22	45516	50916	19210	0,950
18.455.063.20	63	ER20	60	1-13	28	-	-	45520	50920	19212	0,960
18.455.063.20/100	63	ER20	100	1-13	28	78	30	45520	50920	19212	1,120

ERXX

I210-212

Ref. / Bez.	Accessories / Zubehör
ERXX	Collets with double slot DIN 6499 - Form B (ER)
	Spannzangen mit Doppelnut DIN 6499 - Form B (ER)

ERCXX

I215-216

Ref. / Bez.	Accessories / Zubehör
ERCXX	Sealed collets DIN 6499 (ER)
	Abgedichtete Spannzangen DIN 6499 (ER)

ERTXX

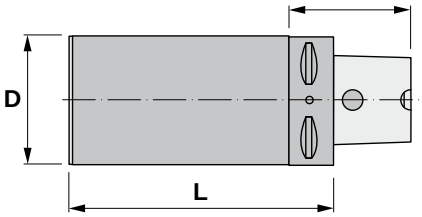
I217-218

Ref. / Bez.	Accessories / Zubehör
ERTXX	Collets DIN 6499 - Form Mini (ER)
	Spannzangen DIN 6499 - Form Mini (ER)

Characteristics:
Blank adaptors.
PSC ISO 26623-1

Eigenschaften:
Rohlinge.
PSC ISO 26623-1

Nitride hardened zone
Nitrierter Bereich

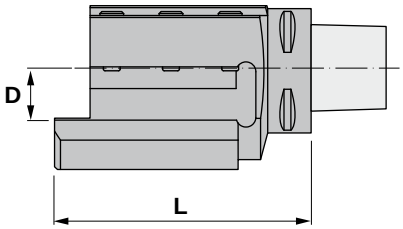


18.470

Reference Bezeichnung	PSC	D	L	Kg
18.470.032.032/090	32	32	90	0,590
18.470.032.040/110	32	40	110	1,050
18.470.032.050/125	32	50	125	1,810
18.470.032.060/090	32	60	90	1,780
18.470.032.070/060	32	70	60	1,470
18.470.032.090/070	32	90	70	2,860
18.470.040.040/095	40	40	95	0,990
18.470.040.040/120	40	40	120	1,240
18.470.040.060/165	40	60	165	3,460
18.470.040.080/075	40	80	75	2,420
18.470.040.080/120	40	80	120	4,190
18.470.040.100/085	40	100	85	4,260
18.470.050.050/125	50	50	125	2,050
18.470.050.050/150	50	50	150	2,430
18.470.050.063/180	50	63	180	4,340
18.470.050.075/175	50	75	175	5,800
18.470.050.090/080	50	90	80	3,420
18.470.050.095/150	50	95	150	7,660
18.470.050.110/090	50	110	90	5,650
18.470.063.063/180	63	63	180	4,630
18.470.063.075/195	63	75	195	6,710
18.470.063.110/085	63	110	85	5,410
18.470.063.110/120	63	110	120	8,020
18.470.063.120/180	63	120	180	14,730
18.470.063.130/095	63	130	95	8,400
18.470.080.080/200	80	80	200	8,430
18.470.080.100/200	80	100	200	12,200
18.470.080.120/160	80	120	160	13,260
18.470.080.130/090	80	130	90	7,970
18.470.080.150/200	80	150	200	25,300
18.470.080.160/120	80	160	120	15,930
18.470.100.100/100	100	100	100	7,280
18.470.100.100/200	100	100	200	13,450
18.470.100.150/100	100	150	100	12,520
18.470.100.150/200	100	150	200	26,390
18.470.100.160/150	100	160	150	21,710
18.470.100.200/100	100	200	100	19,850

Characteristics:
Adaptor with axial mounting.
PSC ISO 26623-1
Adaptor for square turning toolholder left / right hand.

Eigenschaften:
Axial-Werkzeughalter.
PSC ISO 26623-1
Dreh-Werkzeughalter für Klemmhalter links / rechts.



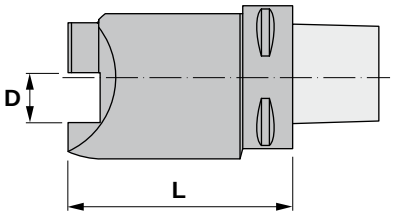
18.500

Reference Bezeichnung	PSC	D	L	Kg
18.500.050.20 R/L	50	20	98	2,050
18.500.063.20 R/L	63	20	100	2,560
18.500.063.25 R/L	63	25	130	3,640
18.500.063.32 R/L	63	32	134	3,990
18.500.080.32 R/L	80	32	140	5,390
18.500.100.32 R/L	100	32	150	10,100

Reference Bezeichnung	3x 	
18.500.050.20 R/L	17110	29716
18.500.063.20 R/L	17110	29716
18.500.063.25 R/L	17012	29716
18.500.063.32 R/L	17012	29716
18.500.080.32 R/L	17012	29716
18.500.100.32 R/L	17012	29716

Characteristics:
Adaptor with angular mounting.
PSC ISO 26623-1
Adaptor for square turning toolholder left / right hand.

Eigenschaften:
Werkzeughalter. Schräge Montage.
PSC ISO 26623-1
Dreh-Werkzeughalter für Klemmhalter links / rechts.



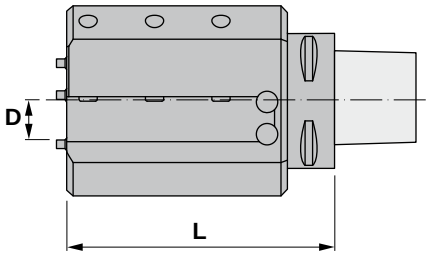
18.510

Reference Bezeichnung	PSC	D	L	Kg
18.510.050.20 R/L	50	20	97	1,770
18.510.063.20 R/L	63	20	99	2,180
18.510.063.25 R/L	63	25	130	4,430
18.510.080.32 R/L	80	32	135	6,680
18.510.100.32 R/L	100	32	145	10,030

Reference Bezeichnung		
18.510.050.20 R/L	17110	29716
18.510.063.20 R/L	17110	29716
18.510.063.25 R/L	17012	29716
18.510.080.32 R/L	17012	29716
18.510.100.32 R/L	17012	29716

Characteristics:
Mini-turret with axial mounting.
PSC ISO 26623-1
Multipurpose mini-turret for square toolholders.

Eigenschaften:
Mehrfach-Axial-Werkzeughalter.
PSC ISO 26623-1
Multifunktionaler Werkzeughalter für vierkantigen Klemmhalter.



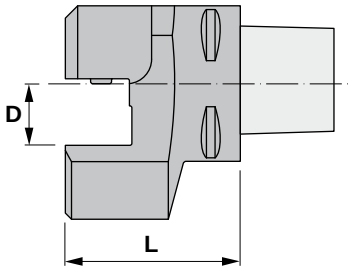
18.520

Reference Bezeichnung	PSC	D	L	Kg
18.520.050.20 R/L	50	20	123	3,770
18.520.063.20 R/L	63	20	125	4,250
18.520.063.25 R/L	63	25	130	5,140
18.520.080.32 R/L	80	32	150	7,780
18.520.100.32 R/L	100	32	160	11,400

Reference Bezeichnung		
18.520.050.20 R/L	17012	29716
18.520.063.20 R/L	17012	29716
18.520.063.25 R/L	17012	29716
18.520.080.32 R/L	17012	29716
18.520.100.32 R/L	17012	29716

Characteristics:
Adaptor with radial mounting.
PSC ISO 26623-1
Multipurpose adaptor for square toolholders.

Eigenschaften:
Radial-Werkzeughalter.
PSC ISO 26623-1
Multifunktionaler Werkzeughalter für vierkantige Klemmhalter.



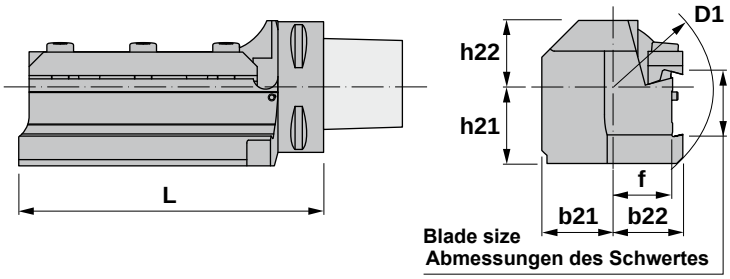
18.530

Reference Bezeichnung	PSC	D	L	Kg
18.530.050.20	50	20	58	1,460
18.530.063.20	63	20	60	1,790
18.530.063.25	63	25	71	2,860
18.530.063.32	63	32	71	3,300
18.530.080.32	80	32	85	4,750
18.530.100.32	100	32	90	6,470

Reference Bezeichnung			
18.530.050.20	17112	29716	29726
18.530.063.20	17112	29716	29726
18.530.063.25	17012	29716	29726
18.530.063.32	17012	29716	29726
18.530.080.32	17012	29716	29726
18.530.100.32	17012	29716	29726

Characteristics:
Adaptor with axial mounting for blades.
PSC ISO 26623-1

Eigenschaften:
Axial-Werkzeughalter für Stechschwerter.
PSC ISO 26623-1



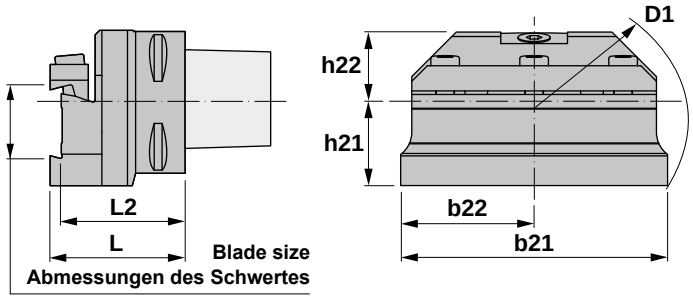
18.540

Reference Bezeichnung	PSC	Blade size Abmessungen des Schwertes	D1	b21	b22	f	h21	h22	L	Kg
18.540.050.26 R/L	50	26	88	25.0	32.0	27.0	30.0	26.0	95	1,500
18.540.063.32 R/L	63	32	106	32.0	39.5	32.0	38.0	32.0	147	3,300
18.540.080.32 R/L	80	32	126	40.5	48.0	40.5	40.5	40.5	155	5,200
18.540.100.32 R/L	100	32	145	50.0	58.0	50.5	50.5	50.0	160	9,240
18.540.100.52 R/L	100	52/53	175	50.0	58.0	50.5	65.0	50.0	200	12,410

Reference Bezeichnung		
18.540.050.26 R/L	80526	11008
18.540.063.32 R/L	80632	11108
18.540.080.32 R/L	80632	11108
18.540.100.32 R/L	80632	11108
18.540.100.52 R/L	81052	11108

Characteristics:
Adaptor with radial mounting for blades.
PSC ISO 26623-1

Eigenschaften:
Radial-Werkzeughalter für Stechschwerter.
PSC ISO 26623-1



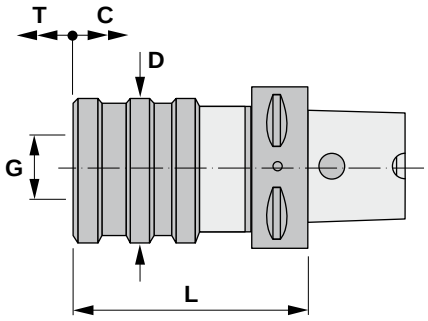
18.550

Reference Bezeichnung	PSC	Blade size Abmessungen des Schwertes	D1	b21	b22	h21	h22	L	L2	Kg
18.550.050.26	50	26	100	80	40	30.0	25.2	58	53.0	1,300
18.550.063.32	63	32	141	120	60	37.0	32.0	63	55.5	2,300
18.550.080.32	80	32	145	120	60	40.5	40.0	71	63.5	3,500
18.550.100.32	100	32	145	120	60	50.5	50.0	75	67.5	5,570
18.550.100.52	100	52/53	195	160	80	65.0	50.0	75	67.5	6,440

Reference Bezeichnung		
18.550.050.26	80526	11008
18.550.063.32	81632	11108
18.550.080.32	81632	11108
18.550.100.32	81632	11108
18.550.100.52	81052	11108

Characteristics:
Quick change tapping head with axial compensation.
PSC ISO 26623-1
With Bilz system tap chucks bushings.
Compensation in compression (C) and tension (T).

Eigenschaften:
Gewindeschneid-Schnellwechselfutter mit Axial-Längenausgleich.
PSC ISO 26623-1
Mit Gewindebohrer-Buchsen System Bilz.
Ausgleich der Kompression (C) und der Traktion (T).



18.620

Reference Bezeichnung	PSC	G No.	G Ø	d1	L	D	C	T			Kg
18.620.040.12	40	1	19	M3-M12	65	38	9	9	710XX	750XX	0,510
18.620.050.12	50	1	19	M3-M12	65	38	9	9	710XX	750XX	0,690
18.620.063.12	63	1	19	M3-M12	70	38	9	9	710XX	750XX	0,970
18.620.063.20	63	2	31	M8-M20	95	55	15	15	720XX	760XX	1,710
18.620.063.33	63	3	48	M14-M33	140	79	24	24	730XX	770XX	3,550
18.620.080.12	80	1	19	M3-M12	80	38	9	9	710XX	750XX	2,050
18.620.080.20	80	2	31	M8-M20	100	55	15	15	720XX	760XX	2,720
18.620.080.33	80	3	48	M14-M33	150	79	24	24	730XX	770XX	5,040
18.620.100.12	100	1	19	M3-M12	90	38	9	9	710XX	750XX	3,470
18.620.100.20	100	2	31	M8-M20	110	55	15	15	720XX	760XX	4,180
18.620.100.33	100	3	48	M14-M33	160	79	24	24	730XX	770XX	6,620

710XX..730XX

I202

Ref. / Bezeichnung	Accessories / Zubehör
710XX..730XX	Quick change adapters without overload clutch Schnellwechseleinsätze ohne Sicherheitskupplung

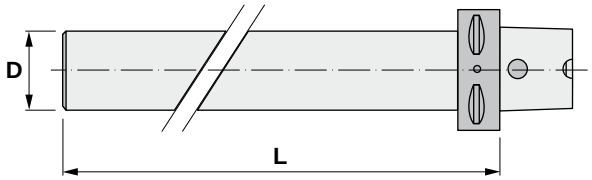
750XX..770XX

I203

Ref. / Bezeichnung	Accessories / Zubehör
750XX..770XX	Quick change adapters with overload clutch Schnellwechseleinsätze mit Sicherheitskupplung

Characteristics:
Test arbors.
PSC ISO 26623-1

Eigenschaften:
Prüfdorne.
PSC ISO 26623-1

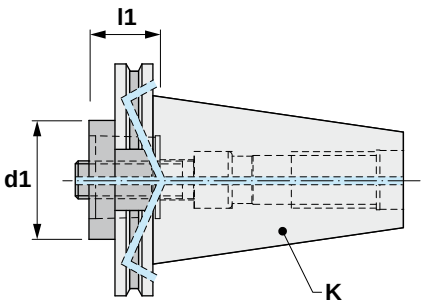


18.999

Reference Bezeichnung	PSC	L	D	Kg
18.999.050	50	255	32	1,910
18.999.063	63	322	40	3,260
18.999.080	80	330	40	4,680

Characteristics:
Adaptor DIN 69871-A
to PSC ISO 26623-1.

Eigenschaften:
Adapter DIN 69871-A
zu PSC ISO 26623-1.

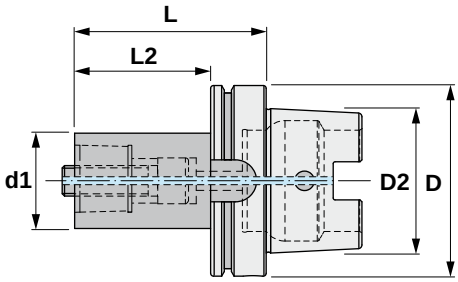


13.218

Reference Bezeichnung	K ISO	PSC	d1	l1	Kg
13.218.30.32/030	30	32	32	30	0,400
13.218.30.32/060	30	32	32	60	0,550
13.218.40.32/030	40	32	32	30	0,850
13.218.40.32/060	40	32	32	60	1,000
13.218.40.40/030	40	40	40	30	0,850
13.218.40.40/060	40	40	40	60	1,100
13.218.40.50/030	40	50	50	30	0,850
13.218.40.50/070	40	50	50	70	1,400
13.218.40.63/085	40	63	63	85	1,900
13.218.50.32/030	50	32	32	30	2,700
13.218.50.32/060	50	32	32	60	3,000
13.218.50.40/030	50	40	40	30	0,850
13.218.50.40/060	50	40	40	60	3,000
13.218.50.50/030	50	50	50	30	2,650
13.218.50.50/070	50	50	50	70	3,210
13.218.50.63/030	50	63	63	30	2,610
13.218.50.63/080	50	63	63	80	3,750
13.218.50.80/070	50	80	80	70	3,900
13.218.50.80/120	50	80	80	120	5,550

Characteristics:
Adaptor HSK DIN 69893-1
to PSC ISO 26623-1.

Eigenschaften:
Adapter HSK DIN 69893-1
zu PSC ISO 26623-1.

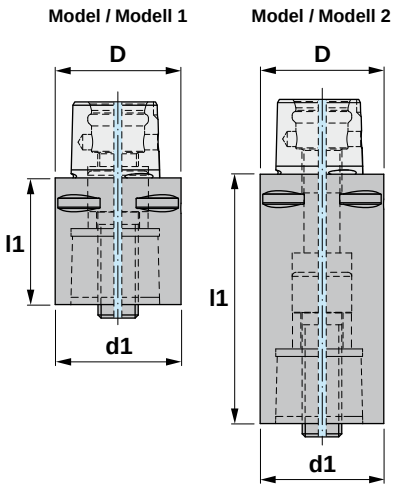


16.218

Reference Bezeichnung	HSK	PSC	d1	D	D2	L	L2	Kg
16.218.063.32/075	63	32	32	63	48	75	49	0,900
16.218.063.40/080	63	40	40	63	48	80	54	1,100
16.218.063.50/090	63	50	50	63	48	90	64	1,450
16.218.100.32/080	100	32	32	100	75	80	51	2,310
16.218.100.40/090	100	40	40	100	75	90	61	2,550
16.218.100.50/100	100	50	50	100	75	100	71	2,950
16.218.100.63/110	100	63	63	100	75	110	81	3,700
16.218.100.80/120	100	80	80	100	75	120	91	4,900

Characteristics:
Extension
PSC ISO 26623-1.

Eigenschaften:
Verlängerung
PSC ISO 26623-1.

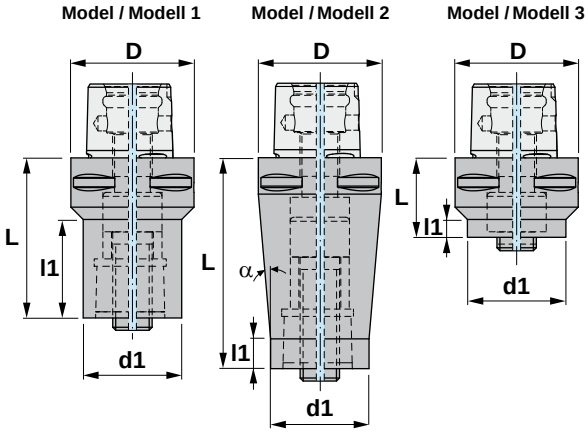


18.218

Reference Bezeichnung	Model Modell	Side PSC / Machine PSC Größe/ Maschine	d1	D	l1	Kg
18.218.32.32/035	1	32	32	32	35	0,200
18.218.32.32/060	2	32	32	32	60	0,360
18.218.32.32/080	2	32	32	32	80	0,490
18.218.40.40/040	1	40	40	40	40	0,370
18.218.40.40/060	2	40	40	40	60	0,600
18.218.40.40/080	2	40	40	40	80	0,800
18.218.50.50/050	1	50	50	50	50	0,730
18.218.50.50/080	2	50	50	50	80	1,240
18.218.50.50/100	2	50	50	50	100	1,500
18.218.63.63/060	1	63	63	63	60	1,350
18.218.63.63/100	2	63	63	63	100	2,350
18.218.63.63/140	2	63	63	63	140	3,300
18.218.80.80/065	1	80	80	80	65	2,350
18.218.80.80/100	2	80	80	80	100	3,750
18.218.80.80/125	2	80	80	80	125	4,750

Characteristics:
Reducer
PSC ISO 26623-1.

Eigenschaften:
Reduzierhülse
PSC ISO 26623-1.

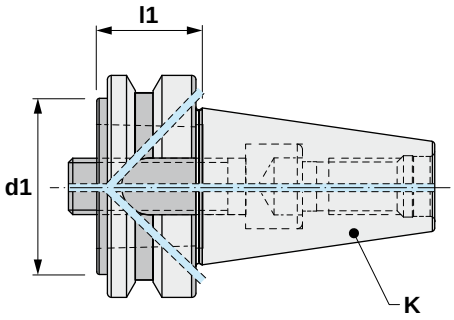


18.218

Reference Bezeichnung	Model Modell	Side Machine PSC Maschine	Side PSC PSC Größe	D	d1	L	l1	α	Kg
18.218.40.32/055	1	40	32	40	32	55	31.0	-	0,430
18.218.40.32/070	2	40	32	40	32	70	12.0	6.0º	0,560
18.218.50.32/060	1	50	32	50	32	60	34.8	-	0,640
18.218.50.40/065	1	50	40	50	40	65	40.0	-	0,800
18.218.50.40/085	2	50	40	50	40	85	12.0	5.4º	1,130
18.218.50.32/033	3	50	32	50	32	33	10.0	-	0,470
18.218.50.40/040	3	50	40	50	40	40	18.0	-	0,550
18.218.63.32/070	1	63	32	63	32	70	39.0	-	0,970
18.218.63.40/080	1	63	40	63	40	80	51.4	-	1,200
18.218.63.50/080	1	63	50	63	50	80	51.5	-	1,500
18.218.63.50/110	2	63	50	63	50	110	12.0	4.9º	2,250
18.218.63.32/032	3	63	32	63	32	32	6.0	-	0,760
18.218.63.40/040	3	63	40	63	40	40	11.0	-	0,800
18.218.63.50/050	3	63	50	63	50	50	26.5	-	1,000
18.218.80.32/060	1	80	32	80	32	60	29.3	-	1,900
18.218.80.40/070	1	80	40	80	40	70	36.5	-	2,000
18.218.80.50/080	1	80	50	80	50	80	49.3	-	2,300
18.218.80.63/080	1	80	63	80	63	80	53.1	-	2,650
18.218.80.63/120	2	80	63	80	63	120	12.0	6.2º	4,300
18.218.80.50/045	3	80	50	80	50	45	10.0	-	1,800
18.218.80.63/055	3	80	63	80	63	55	20.0	-	2,000

Characteristics:
Adaptor JIS B 6339-BT
to PSC ISO 26623-1.

Eigenschaften:
Adapter JIS B 6339-BT
zu PSC ISO 26623-1.

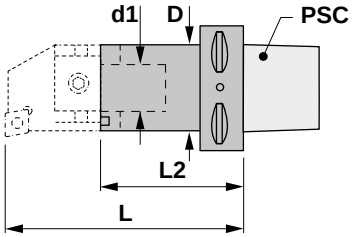


23.218

Reference Bezeichnung	K ISO	PSC	d1	l1	Kg
23.218.30.32/030	30	32	32	30	0,400
23.218.30.32/060	30	32	32	60	0,600
23.218.40.32/030	40	32	32	30	1,000
23.218.40.32/060	40	32	32	60	1,200
23.218.40.40/030	40	40	40	30	0,950
23.218.40.40/060	40	40	40	60	1,250
23.218.40.50/030	40	50	50	30	0,900
23.218.40.50/070	40	50	50	70	1,500
23.218.40.63/075	40	63	63	75	1,900
23.218.50.32/040	50	32	32	40	3,650
23.218.50.32/070	50	32	32	70	3,850
23.218.50.40/040	50	40	40	40	3,650
23.218.50.40/070	50	40	40	70	3,900
23.218.50.50/040	50	50	50	40	3,550
23.218.50.50/080	50	50	50	80	4,150
23.218.50.63/040	50	63	63	40	3,450
23.218.50.63/090	50	63	63	90	4,650
23.218.50.80/070	50	80	80	70	4,200
23.218.50.80/120	50	80	80	120	6,150

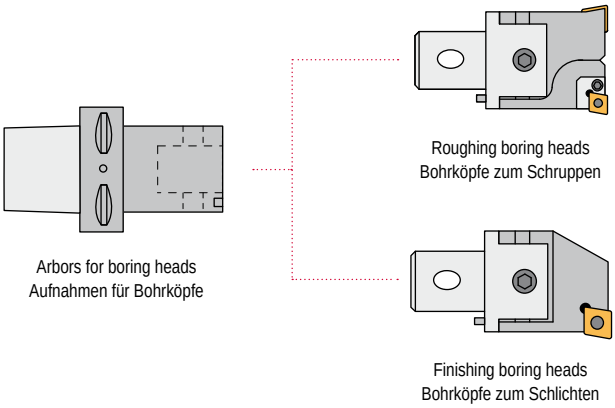
Characteristics:
Arbors for boring heads.
PSC ISO 26623-1

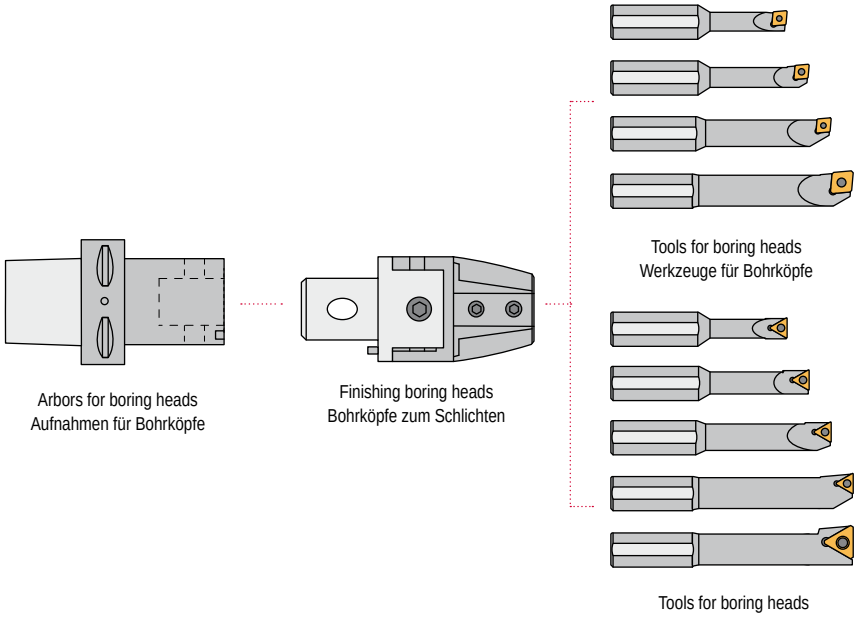
Eigenschaften:
Aufnahmen für Bohrköpfe.
PSC ISO 26623-1



18.700

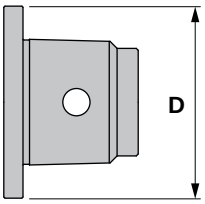
Reference Bezeichnung	PSC	D	L	L2	d1	Kg
18.700.63.12/055	63	22	77	43	12	0,750
18.700.63.12/110	63	22	132	98	12	0,920
18.700.63.15/065	63	27	87	45	15	0,880
18.700.63.15/110	63	27	132	90	15	1,080
18.700.63.20/075	63	32	97	52	20	1,000
18.700.63.20/120	63	32	142	97	20	1,280





Characteristics:
Manual caps.

Eigenschaften:
Manuelle Verschlußstopfen.

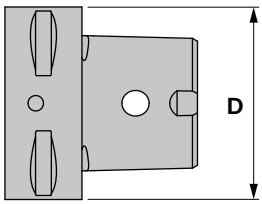


MC

Reference Bezeichnung	Manual Cap Manuelle Verschlußstopfen	Kg
PSC32-MC	32	0,080
PSC40-MC	40	0,150
PSC50-MC	50	0,180
PSC63-MC	63	0,420
PSC80-MC	80	1,000

Characteristics:
Automatic caps.

Eigenschaften:
Automatische Verschlußstopfen.



AC

Reference Bezeichnung	Automatic Cap Automatische Verschlußstopfen	Kg
PSC40-AC	40	0,250
PSC50-AC	50	0,445
PSC63-AC	63	0,700
PSC80-AC	80	1,700