



PSC Products

External Turning Tool / Internal Turning Tool
PSC Blank

BEIJING WORLDIA DIAMOND TOOLS CO., LTD.

Tel.: +86 10-58411388 ext. 8082

Email: info@worldia-tools.com

Office Address: Room H-03, 5F, M7 Building, No.1 Jiuxianqiao
East Road, Chaoyang District Beijing, China 100015



WORLDIA EUROPE GMBH

Tel.: +49-7032-2890690

Email: info@worldia-tools.eu

Office Address: Benzstraße, 38, 71083, Herrenberg Germany



Design Features

PCS Interface

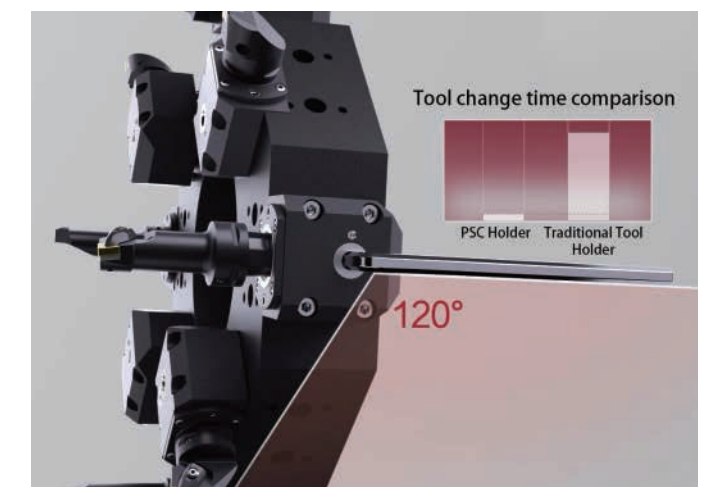


- ➔ PSC interfaces feature 1:20 taper triangular prism with bidirectional positioning, excellent rigidity, and strong torque transmission.
- ➔ The dual-axis positioning system has significant shock absorption capabilities and ensures the roughness of the workpiece surface.
- ➔ It is capable of heavy-duty machining with reduced processing time.



Adaptor

- ➔ 180° rotating adaptor allows left and right hand turning tools to be interchanged, reducing inventory costs for tools and clamps.
- ➔ Suitable for retrofitting older machine tools and for use with new tool turrets, increasing automation and reducing labor costs.
- ➔ The universal adapters can be used with both shank adapters and clamping systems for different tool interfaces, resulting in reduced tool procurement costs due to interface incompatibility.



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Naming And Coding Rules



PSC40

1

D

2

C

3

L

4

N

5

R

6

27

7

050

8

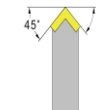
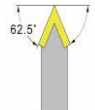
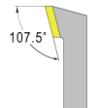
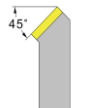
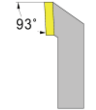
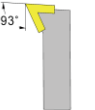
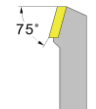
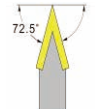
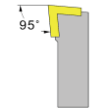
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9

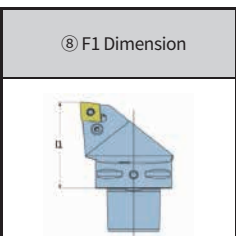
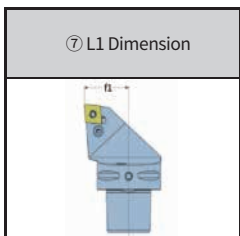
① Coupling Type	
PSC	32
	40
	50
	63
	80

② Clamping	
D	Platen
P	Hook
S	Screw

Insert			
③ Shape		⑤ Angle	⑨ Length
CN12	DC07	RC10	VB16
CN12	DC11	RC16	VN16
CN16	DN11	SN12	WN06
CN19	DN15	SN19	WN08
			TN16

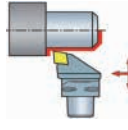
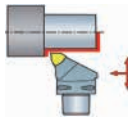
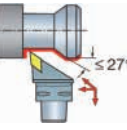
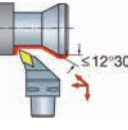
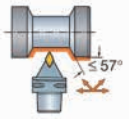
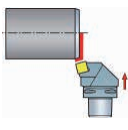
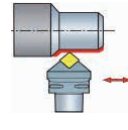
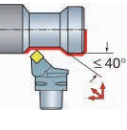
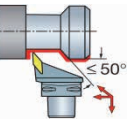
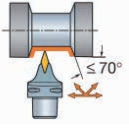
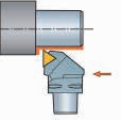
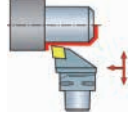
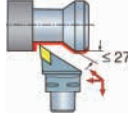
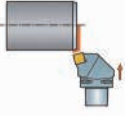
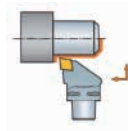
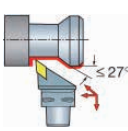
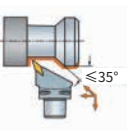
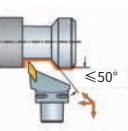
④ Kr			
D		N	
H		S	
J		U	
K		V	
L			

⑥ Direction Of Tool	
L	Left
R	Right
N	Null



External Turning Tool Body



Rigid clamp	Kr 95°	Kr 95°	Kr 93°	Kr 107.5°	Kr 62.5°	
	PSC-DCLNR/L	PSC-DWLNLR/L	PSC-DDJNR/L	PSC-DDHNR/L	PSC-DDNNN	
						
	CN.. 1204.. CN.. 1606.. CN.. 1906.. CN.. 2509..	WN.. 0604.. WN.. 0804..	DN.. 1104.. DN.. 1506..	DN.. 1506..	DN.. 1506..	
	P04	P07	P05	P05	P05	
	Kr 75°	Kr 45°	Kr 45°	Kr 93°	Kr 72.5°	Kr 93°
	PSC-DSKNR/L	PSC-DSDNN	PSC-DSSNR/L	PSC-DVJNR/L	PSC-DVVNN	PSC-DTJNR/L
						
	SN.. 1204.. SN.. 1906..	SN.. 1204..	SN.. 1204..	VN.. 1604..	VN.. 1604..	TN.. 1604..
	P06	P06	P06	P08	P08	P09
Lever clamp	Kr 95°	Kr 93°	Kr 75°			
	PSC-PCLNR/L	PSC-PDJNR/L	PSC-PSKNR/L			
						
	CN.. 1204.. CN.. 1606.. CN.. 1906..	DN.. 1506..	SN.. 1204..			
	P10	P11	P12			
Screw clamp	Kr 95°	Kr93°	Kr107.5°	Kr93°		
	PSC-SCLCR/L	PSC-SDJCR/L	PSC-SVHBR/L	PSC-SVJBR/L		
						
	CC.. 1204..	DC.. 11T3..	VB.. 1604.. VC.. 1604..	VB.. 1604.. VC.. 1604..		
	P13	P14	P15	P16		

External Turning Tool Body



External Turning Tool Body

- ☆For turning the external of the workpiece;
- ☆Three clamping types, available in rough machining , semi-finishing , finishing machining;
- ☆Out-machine tool adjustment, can be used in automatic mechanical equipment;
- ☆Match the ISO standard insert on the market.
- ☆Support non-standard customization.

External Turning Tool Body



DCLNR L-Kr 95°

CNMM
CNMG
CNMA/CNGA
The insert is for illustration only

DCLNR/L-Kr 95°

(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
 95°	12	1/2	PSC32-DCLNR-22045-12	32	60	2.362	22	0.866	45	1.771	-6°	-6°	0.2	CN.. 1204..	CN.. 43..
	12	1/2	PSC32-DCLNL-22045-12	32	60	2.362	22	0.866	45	1.771	-6°	-6°	0.2		
	12	1/2	PSC40-DCLNR-27050-12	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.37		
	12	1/2	PSC40-DCLNL-27050-12	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.37		
	12	1/2	PSC50-DCLNR-35060-12	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.7		
	12	1/2	PSC50-DCLNL-35060-12	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.7		
	12	1/2	PSC63-DCLNR-45065-12	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.2		
	12	1/2	PSC63-DCLNL-45065-12	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.2		
	12	1/2	PSC80-DCLNR-55080-12	80	110	4.330	55	2.165	80	3.149	-6°	-6°	2.62		
	12	1/2	PSC80-DCLNL-55080-12	80	110	4.330	55	2.165	80	3.149	-6°	-6°	2.62		
	16	5/8	PSC40-DCLNR-27055-16	40	125	4.921	27	1.062	55	2.165	-6°	-6°	0.4	CN.. 1606..	CN.. 54..
	16	5/8	PSC40-DCLNL-27055-16	40	125	4.921	27	1.062	55	2.165	-6°	-6°	0.4		
	16	5/8	PSC50-DCLNR-35060-16	50	125	4.921	35	1.377	60	2.362	-6°	-6°	0.7		
	16	5/8	PSC50-DCLNL-35060-16	50	125	4.921	35	1.377	60	2.362	-6°	-6°	0.7		
	16	5/8	PSC63-DCLNR-45065-16	63	125	4.921	45	1.771	65	2.559	-6°	-6°	1.2		
	16	5/8	PSC63-DCLNL-45065-16	63	125	4.921	45	1.771	65	2.559	-6°	-6°	1.2		
	16	5/8	PSC80-DCLNR-55080-16	80	125	4.921	55	2.165	80	3.149	-6°	-6°	2.44	CN.. 1906..	CN.. 64.
	16	5/8	PSC80-DCLNL-55080-16	80	125	4.921	55	2.165	80	3.149	-6°	-6°	2.44		
	19	3/4	PSC50-DCLNR-35060-19	50	80	3.149	35	1.377	60	2.362	-6°	-6°	0.7		
	19	3/4	PSC50-DCLNL-35060-19	50	80	3.149	35	1.377	60	2.362	-6°	-6°	0.7		
	19	3/4	PSC63-DCLNR-45065-19	63	81	3.188	45	1.771	65	2.559	-6°	-6°	1.2		
	19	3/4	PSC63-DCLNL-45065-19	63	81	3.188	45	1.771	65	2.559	-6°	-6°	1.2		
	19	3/4	PSC80-DCLNR-55080-19	80	100	3.937	55	2.165	80	3.149	-6°	-6°	2.44	CN.. 2509..	CN.. 86..
	19	3/4	PSC80-DCLNL-55080-19	80	100	3.937	55	2.165	80	3.149	-6°	-6°	2.44		
	25	1	PSC80-DCLNR-55080-25	80	100	3.937	55	2.165	80	3.149	-6°	-6°	2.47		
	25	1	PSC80-DCLNL-55080-25	80	100	3.937	55	2.165	80	3.149	-6°	-6°	2.47		

MAIN SPARE PARTS

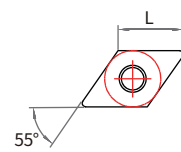
PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC32	12 1/2	ILD4085	322.236.03	248.150.10	412.028.021
PSC40-PSC80	12 1/2	ILD4085	322.234.01	248.150.10	412.028.021
PSC40-PSC80	16 5/8	ILD5011	322.234.03	248.200.10	412.028.031
PSC50-PSC80	19 3/4	ILD5011	322.236.01	248.200.10	413.028.041
PSC80	25 1	ILD6012	322.234.05	245.250.10	413.028.051

The insert need to be ordered separately.
The sapare parts can be ordered separately.Please inquire on demand

External Turning Tool Body



DDJNR L-Kr 93°



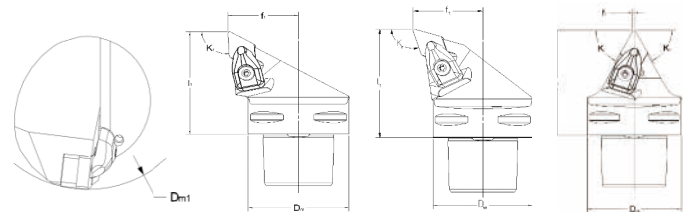
DNMM
DNMG
DNMA/DNGA
The insert is for illustration only

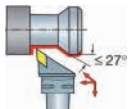
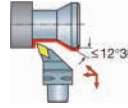
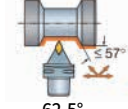


DDJNR/L-Kr 93°

DDHNR/L-Kr 107.5°

DDNNN-Kr 62.5°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
 93°	11	3/8	PSC32-DDJNR-22045-11	32	60	2.362	22	0.866	45	1.771	-6°	-7°	0.19	DN.. 1104..	DN.. 33..
	11	3/8	PSC32-DDJNL-22045-11	32	60	2.362	22	0.866	45	1.771	-6°	-7°	0.19		
	11	3/8	PSC40-DDJNR-27050-11	40	60	2.362	27	1.062	50	1.968	-6°	-7°	0.34		
	11	3/8	PSC40-DDJNL-27050-11	40	60	2.362	27	1.062	50	1.968	-6°	-7°	0.34		
	11	3/8	PSC50-DDJNR-35060-11	50	65	2.559	35	1.377	60	2.362	-6°	-7°	0.65		
	11	3/8	PSC50-DDJNL-35060-11	50	65	2.559	35	1.377	60	2.362	-6°	-7°	0.65		
	11	3/8	PSC63-DDJNR-45065-11	63	81	3.188	45	1.771	65	2.559	-6°	-7°	1.08		
	11	3/8	PSC63-DDJNL-45065-11	63	81	3.188	45	1.771	65	2.559	-6°	-7°	1.08		
	15	1/2	PSC40-DDJNR-27055-15	40	110	4.330	27	1.062	55	2.165	-6°	-7°	0.36	DN.. 1506..	DN.. 44..
	15	1/2	PSC40-DDJNL-27055-15	40	110	4.330	27	1.062	55	2.165	-6°	-7°	0.36		
	15	1/2	PSC50-DDJNR-35060-15	50	110	4.330	35	1.377	60	2.362	-6°	-7°	0.36		
	15	1/2	PSC50-DDJNL-35060-15	50	110	4.330	35	1.377	60	2.362	-6°	-7°	0.36		
	15	1/2	PSC63-DDJNR-45065-15	63	110	4.330	45	1.771	65	2.559	-6°	-7°	1.05		
	15	1/2	PSC63-DDJNL-45065-15	63	110	4.330	45	1.771	65	2.559	-6°	-7°	1.05		
	15	1/2	PSC80-DDJNR-55080-15	80	110	4.330	55	2.165	80	3.149	-6°	-7°	2.16		
	15	1/2	PSC80-DDJNL-55080-15	80	110	4.330	55	2.165	80	3.149	-6°	-7°	2.16		
 107.5°	15	1/2	PSC40-DDHNR-27055-15	40	110	4.330	27	1.062	55	2.165	-6°	-7°	0.38	DN.. 1506..	DN.. 44..
	15	1/2	PSC40-DDHNL-27055-15	40	110	4.330	27	1.062	55	2.165	-6°	-7°	0.38		
	15	1/2	PSC50-DDHNR-35060-15	50	110	4.330	35	1.377	60	2.362	-6°	-7°	0.66		
	15	1/2	PSC50-DDHNL-35060-15	50	110	4.330	35	1.377	60	2.362	-6°	-7°	0.66		
	15	1/2	PSC63-DDHNR-45065-15	63	110	4.330	45	1.771	65	2.559	-6°	-7°	1.15		
	15	1/2	PSC63-DDHNL-45065-15	63	110	4.330	45	1.771	65	2.559	-6°	-7°	1.15		
	15	1/2	PSC80-DDHNR-55080-15	80	110	4.330	55	2.165	80	3.149	-6°	-7°	2.36		
 62.5°	15	1/2	PSC80-DDHNL-55080-15	80	110	4.330	55	2.165	80	3.149	-6°	-7°	2.36	DN.. 1506..	DN.. 44..
	15	1/2	PSC40-DDNNN-00055-15	40	—	—	0.5	0.019	55	2.165	-5°	-9°	0.38		
	15	1/2	PSC50-DDNNN-00060-15	50	—	—	0.5	0.019	60	2.362	-5°	-9°	0.62		
	15	1/2	PSC63-DDNNN-00065-15	63	—	—	0.5	0.019	65	2.559	-5°	-9°	1.06		
	15	1/2	PSC80-DDNNN-00080-15	80	—	—	0.5	0.019	80	3.149	-5°	-9°	2.1		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
					
PSC32-PSC63	11 3/8	ILD3072	322.267.01	242.090.40	412.028.011
PSC40-PSC80	15 1/2	ILD4085	322.266.02(6.35)	248.150.10	412.028.021
PSC40-PSC80	15 1/2	ILD4085	322.266.01(4.76)	248.150.10	412.028.021

The insert need to be ordered separately.Prior notification is required if DN1504 inserts are to be used.
The sapare parts can be ordered separately.Please inquire on demand

External Turning Tool Body



DSKNR L-Kr 75°



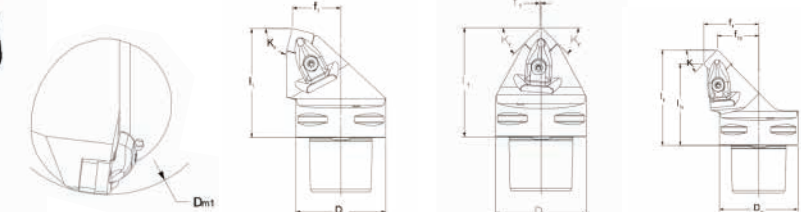
SNMM
SNMG
SNMA/SNGA
The insert is for illustration only

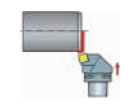
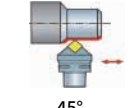
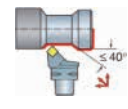


DSKNR/L-Kr 75°

DSDNN-Kr 45°

DSSNR/L-Kr 45°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	f1s mm	f1s in.	l1s mm	l1s in.	γ	λ	m (kg)	ISO insert	ANSI
 75°	12	1/2	PSC32-DSKNR-22040-12	32	60	2.362	22	0.866	40	1.574	—	—	—	—	-6°	-6°	0.2	SN.. 1204..	SN.. 43..
	12	1/2	PSC32-DSKNL-22040-12	32	60	2.362	22	0.866	40	1.574	—	—	—	—	-6°	-6°	0.2		
	12	1/2	PSC40-DSKNR-27050-12	40	110	4.330	27	1.062	50	1.968	—	—	—	—	-6°	-6°	0.35		
	12	1/2	PSC40-DSKNL-27050-12	40	110	4.330	27	1.062	50	1.968	—	—	—	—	-6°	-6°	0.35		
	12	1/2	PSC50-DSKNR-35060-12	50	110	4.330	35	1.377	60	2.362	—	—	—	—	-6°	-6°	0.75		
	12	1/2	PSC50-DSKNL-35060-12	50	110	4.330	35	1.377	60	2.362	—	—	—	—	-6°	-6°	0.75		
	12	1/2	PSC63-DSKNR-45065-12	63	110	4.330	45	1.771	65	2.559	—	—	—	—	-6°	-6°	1.24		
	12	1/2	PSC63-DSKNL-45065-12	63	110	4.330	45	1.771	65	2.559	—	—	—	—	-6°	-6°	1.24		
	19	3/4	PSC50-DSKNR-35060-19	50	125	4.921	35	1.377	60	2.362	—	—	—	—	-6°	-6°	0.76	SN.. 1906..	SN.. 64..
	19	3/4	PSC50-DSKNL-35060-19	50	125	4.921	35	1.377	60	2.362	—	—	—	—	-6°	-6°	0.76		
	19	3/4	PSC63-DSKNR-45065-19	63	125	4.921	45	1.771	65	2.559	—	—	—	—	-6°	-6°	1.27		
	19	3/4	PSC63-DSKNL-45065-19	63	125	4.921	45	1.771	65	2.559	—	—	—	—	-6°	-6°	1.27		
	19	3/4	PSC80-DSKNR-55080-19	80	125	4.921	55	2.165	80	3.149	—	—	—	—	-6°	-6°	2.54		
	19	3/4	PSC80-DSKNL-55080-19	80	125	4.921	55	2.165	80	3.149	—	—	—	—	-6°	-6°	2.54		
 45°	12	1/2	PSC32-DSDNN-00048-12	32	—	—	0.3	0.011	48	1.889	—	—	—	—	-6°	-6°	0.19	SN.. 1204..	SN.. 43..
	12	1/2	PSC40-DSDNN-00050-12	40	—	—	0.3	0.011	50	1.968	—	—	—	—	-6°	-6°	0.32		
	12	1/2	PSC63-DSDNN-00065-12	63	—	—	0.3	0.011	65	2.559	—	—	—	—	-6°	-6°	1.07		
 45°	12	1/2	PSC32-DSSNR-22040-12	32	60	2.362	22	0.866	40	1.574	13.7	0.539	48.3	1.901	-8°	0°	0.19	SN.. 1204..	SN.. 43..
	12	1/2	PSC32-DSSNL-22040-12	32	60	2.362	22	0.866	40	1.574	13.7	0.539	48.3	1.901	-8°	0°	0.19		
	12	1/2	PSC40-DSSNR-27042-12	40	110	4.330	27	1.062	42	1.653	18.7	0.736	50.3	1.980	-8°	0°	0.31		
	12	1/2	PSC40-DSSNL-27042-12	40	110	4.330	27	1.062	42	1.653	18.7	0.736	50.3	1.980	-8°	0°	0.31		
	12	1/2	PSC50-DSSNR-35052-12	50	110	4.330	35	1.377	52	2.047	26.7	1.051	60.3	2.374	-8°	0°	0.6		
	12	1/2	PSC50-DSSNL-35052-12	50	110	4.330	35	1.377	52	2.047	26.7	1.051	60.3	2.374	-8°	0°	0.6		
	12	1/2	PSC63-DSSNR-45056-12	63	110	4.330	45	1.771	56	2.204	36.7	1.444	64.3	2.531	-8°	0°	0.99		
	12	1/2	PSC63-DSSNL-45056-12	63	110	4.330	45	1.771	56	2.204	36.7	1.444	64.3	2.531	-8°	0°	0.99		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
					
PSC32	12 1/2	ILD4085	322.426.02	248.150.10	412.028.021
PSC40-PSC63	12 1/2	ILD4085	322.425.01	248.150.10	412.028.021
PSC50-PSC80	19 3/4	ILD5011	322.425.04	248.200.10	412.028.041

The insert need to be ordered separately.
The sapare parts can be ordered separately.Please inquire on demand

External Turning Tool Body



External Turning Tool Body



DWLNR L-Kr 95°

WNMM
WNMG
WNGA/WNMA
The insert is for illustration only

DDJNR/L-Kr 95°

(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
 95°	06	3/8	PSC32-DWLNR-22040-06	32	60	2.362	22	0.866	40	1.574	-6°	-6°	0.18	WN.. 0604..	WN.. 33..
	06	3/8	PSC32-DWLNL-22040-06	32	60	2.362	22	0.866	40	1.574	-6°	-6°	0.18		
	06	3/8	PSC40-DWLNR-27050-06	40	60	2.362	27	1.062	50	1.968	-6°	-6°	0.35		
	06	3/8	PSC40-DWLNL-27050-06	40	60	2.362	27	1.062	50	1.968	-6°	-6°	0.35		
	06	3/8	PSC50-DWLNR-35060-06	50	65	2.559	35	1.377	60	2.362	-6°	-6°	0.67		
	06	3/8	PSC50-DWLNL-35060-06	50	65	2.559	35	1.377	60	2.362	-6°	-6°	0.67		
	06	3/8	PSC63-DWLNR-45065-06	63	81	3.188	45	1.771	65	2.559	-6°	-6°	1.21		
	06	3/8	PSC63-DWLNL-45065-06	63	81	3.188	45	1.771	65	2.559	-6°	-6°	1.21		
	08	1/2	PSC40-DWLNR-27050-08	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.35	WN.. 0804..	WN.. 43..
	08	1/2	PSC40-DWLNL-27050-08	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.35		
	08	1/2	PSC50-DWLNR-35060-08	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.67		
	08	1/2	PSC50-DWLNL-35060-08	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.67		
	08	1/2	PSC63-DWLNR-45065-08	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.22		
	08	1/2	PSC63-DWLNL-45065-08	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.22		
	08	1/2	PSC80-DWLNR-55080-08	80	110	4.330	55	2.165	80	3.149	-6°	-6°	2.44		
	08	1/2	PSC80-DWLNL-55080-08	80	110	4.330	55	2.165	80	3.149	-6°	-6°	2.44		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC32-PSC63	06 3/8	ILD3072	322.328.01	242.090.40	412.028.011
PSC40-PSC80	08 1/2	ILD4085	322.331.12	248.150.10	412.028.021

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

DVJNR L-Kr 93°

VNMG
VNGP
The insert is for illustration only

DVJNR/L-Kr 93°

DVVNN/L-Kr 72.5°

(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
 93°	16	3/8	PSC40-DVJNR-27062-16	40	60	2.362	27	1.062	62	2.440	4°	-13°	0.4	VN.. 1604..	VN.. 33..
	16	3/8	PSC40-DVJNL-27062-16	40	60	2.362	27	1.062	62	2.440	4°	-13°	0.4		
	16	3/8	PSC50-DVJNR-35065-16	50	65	2.559	35	1.377	65	2.559	4°	-13°	0.65		
	16	3/8	PSC50-DVJNL-35065-16	50	65	2.559	35	1.377	65	2.559	4°	-13°	0.65		
	16	3/8	PSC63-DVJNR-45065-16	63	81	3.188	45	1.771	65	2.559	4°	-13°	1.01		
	16	3/8	PSC63-DVJNL-45065-16	63	81	3.188	45	1.771	65	2.559	4°	-13°	1.01		
	16	3/8	PSC80-DVJNR-55080-16	80	100	3.937	55	2.165	80	3.149	4°	-13°	2.1		
	16	3/8	PSC80-DVJNL-55080-16	80	100	3.937	55	2.165	80	3.149	4°	-13°	2.1		
	 72.5°	16	3/8	PSC40-DVVNN-00062-16	40	-	-	0.6	0.023	62	2.440	4°	-13°		
16		3/8	PSC50-DVVNN-00065-16	50	-	-	0.6	0.023	65	2.559	4°	-13°	0.63		
16		3/8	PSC63-DVVNN-00065-16	63	-	-	0.6	0.023	65	2.559	4°	-13°	1.03		
16		3/8	PSC80-DVVNN-00080-16	80	-	-	0.6	0.023	80	3.149	4°	-13°	2		
16		3/8	PSC80-DVJNL-55080-16	80	-	-	0.6	0.023	80	3.149	4°	-13°	2		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC40-PSC80	16 3/8	ILD3581	322.269.01	248.150.10	412.028.61

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

External Turning Tool Body



External Turning Tool Body



DTJNR L-Kr 93°



60°

L

TNMM/TNMX

TNMG

TNMA/TNGA

The insert is for illustration only

Dm1

DTJNR/L-Kr 93°

(Kr)-Application	L mm	L in.	Ordering code	Dm	Dm1 mm	Dm1 in.	f1 mm	f1 in.	l1 mm	l1 in.	Y	λ	m (kg)	ISO insert	ANSI
93°	16	3/8	PSC32-DTJNR-22040-16	32	60	2.362	22	0.866	40	1.574	-6°	-6°	0.2	TN.. 1604..	TN.. 33..
	16	3/8	PSC32-DTJNL-22040-16	32	60	2.362	22	0.866	40	1.574	-6°	-6°	0.2		
	16	3/8	PSC40-DTJNR-27050-16	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.43		
	16	3/8	PSC40-DTJNL-27050-16	40	110	4.330	27	1.062	50	1.968	-6°	-6°	0.43		
	16	3/8	PSC50-DTJNR-35060-16	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.78		
	16	3/8	PSC50-DTJNL-35060-16	50	110	4.330	35	1.377	60	2.362	-6°	-6°	0.78		
	16	3/8	PSC63-DTJNR-45065-16	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.34		
	16	3/8	PSC63-DTJNL-45065-16	63	110	4.330	45	1.771	65	2.559	-6°	-6°	1.34		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC32	16 3/8	ILD3072	322.316.01	242.090.40	412.028.11
PSC40-PSC80	16 3/8	ILD3072	322.315.02	242.090.40	412.028.11

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

PCLNR L-Kr 95°



CNMM
CNMG
CNMA/CNGA

The insert is for illustration only

PCLNR/L-Kr 95°

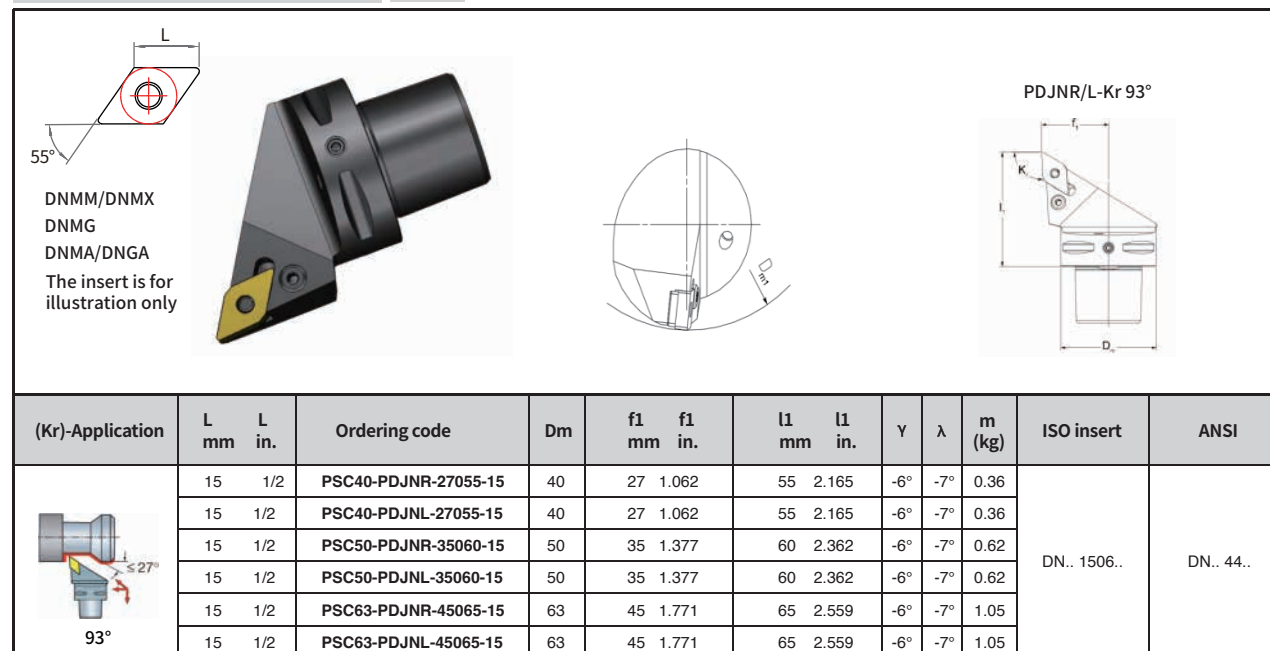
(Kr)-Application	L mm	L in.	Ordering code	Dm	f1 mm	f1 in.	l1 mm	l1 in.	Y	λ	m (kg)	ISO insert	ANSI
95°	12	1/2	PSC40-PCLNR-27050-12	40	27	1.062	50	1.968	-6°	-6°	0.36	CN.. 1204..	CN.. 43..
	12	1/2	PSC40-PCLNL-27050-12	40	27	1.062	50	1.968	-6°	-6°	0.36		
	12	1/2	PSC50-PCLNR-35060-12	50	35	1.377	60	2.362	-6°	-6°	0.68		
	12	1/2	PSC50-PCLNL-35060-12	50	35	1.377	60	2.362	-6°	-6°	0.68		
	12	1/2	PSC63-PCLNR-45065-12	63	45	1.771	65	2.559	-6°	-6°	1.19		
	12	1/2	PSC63-PCLNL-45065-12	63	45	1.771	65	2.559	-6°	-6°	1.19		
	12	1/2	PSC80-PCLNR-55080-12	80	55	2.165	80	3.149	-6°	-6°	2.39		
	12	1/2	PSC80-PCLNL-55080-12	80	55	2.165	80	3.149	-6°	-6°	2.39		
	16	5/8	PSC40-PCLNR-27050-16	40	27	1.062	50	1.968	-6°	-6°	0.35	CN.. 1606..	CN.. 54..
	16	5/8	PSC40-PCLNL-27050-16	40	27	1.062	50	1.968	-6°	-6°	0.35		
	16	5/8	PSC50-PCLNR-35060-16	50	35	1.377	60	2.362	-6°	-6°	0.68		
	16	5/8	PSC50-PCLNL-35060-16	50	35	1.377	60	2.362	-6°	-6°	0.68		
	16	5/8	PSC63-PCLNR-45065-16	63	45	1.771	65	2.559	-6°	-6°	1.19		
	16	5/8	PSC63-PCLNL-45065-16	63	45	1.771	65	2.559	-6°	-6°	1.19		
	16	5/8	PSC80-PCLNR-55080-16	80	55	2.165	80	3.149	-6°	-6°	2.39		
	16	5/8	PSC80-PCLNL-55080-16	80	55	2.165	80	3.149	-6°	-6°	2.39		
	19	3/4	PSC50-PCLNR-35060-19	50	35	1.377	60	2.362	-6°	-6°	0.68	CN.. 1906..	CN.. 64..
	19	3/4	PSC50-PCLNL-35060-19	50	35	1.377	60	2.362	-6°	-6°	0.68		
	19	3/4	PSC63-PCLNR-45065-19	63	45	1.771	65	2.559	-6°	-6°	1.19		
	19	3/4	PSC63-PCLNL-45065-19	63	45	1.771	65	2.559	-6°	-6°	1.19		
	19	3/4	PSC80-PCLNR-55080-19	80	55	2.165	80	3.149	-6°	-6°	2.39		
	19	3/4	PSC80-PCLNL-55080-19	80	55	2.165	80	3.149	-6°	-6°	2.39		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Lever
PSC40-PSC63	12 1/2	414.438.21	322.318.50	241.030.63	413.438.41
PSC40-PSC80	16 5/8	414.838.31	322.318.52	241.030.63	413.838.40
PSC50-PSC80	19 3/4	414.438.22	322.318.51	241.030.63	413.438.42

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

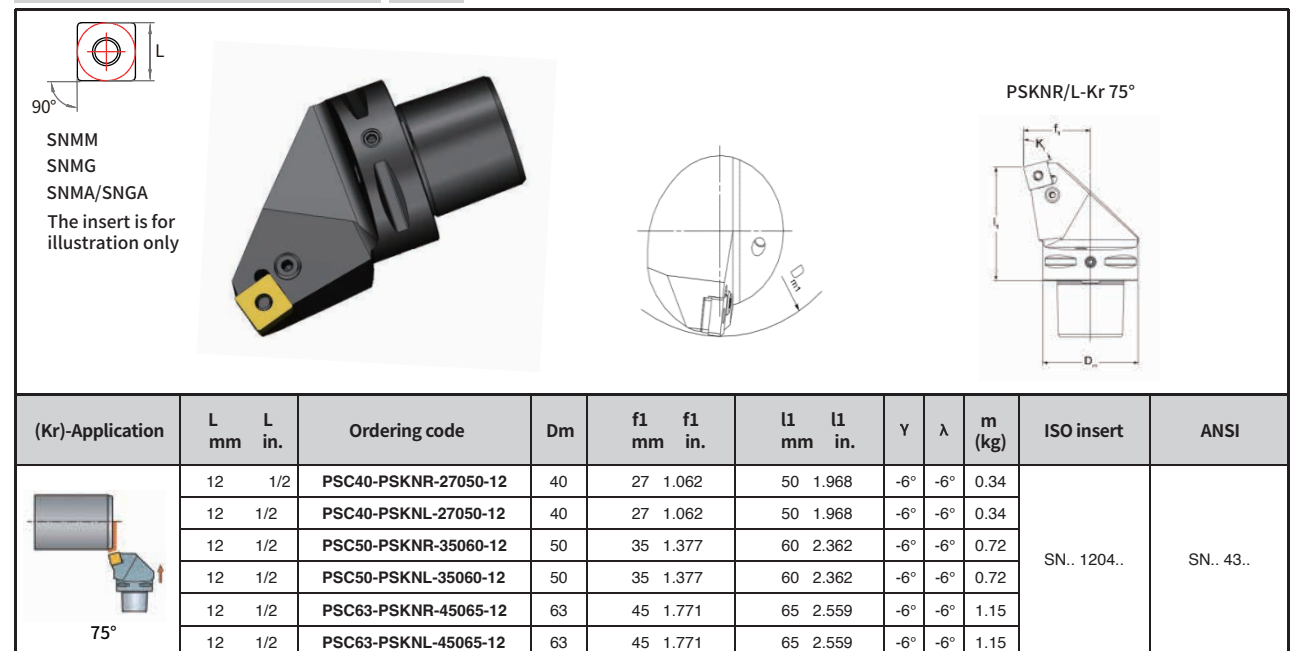
WORLDIA
SHAPING YOUR WORLD
WITH DIAMOND



PSC size	Insert	Shim screw	Shim	Key	Lever
PSC40-PSC63	15 1/2	414.438.30	322.358.56(4.76)	241.030.63	413.438.47
PSC40-PSC63	15 1/2	414.438.30	322.358.51(6.35)	241.030.63	413.438.47



WORLDIA
SHAPING YOUR WORLD
WITH DIAMOND



PSC size	Insert	Shim screw	Shim	Key	Lever
PSC40-PSC63	12 1/2	414.438.21	322.428.51	241.030.63	413.438.41

12 |

External Turning Tool Body



External Turning Tool Body



SCLCR L-Kr 95°

SCLCR/L-Kr 95°

CCMT/CCGT
CCGX/CCET
CCMW
The insert is for illustration only

(Kr)-Application	L mm	L in.	Ordering code	Dm	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
	12	1/2	PSC32-SCLCR-22040-12	32	22	0.866	40	1.574	0°	0°	0.2	CC..1204..	CC..43..
	12	1/2	PSC32-SCLCL-22040-12	32	22	0.866	40	1.574	0°	0°	0.2		
	12	1/2	PSC40-SCLCR-27050-12	40	27	1.062	50	1.968	0°	0°	0.44		
	12	1/2	PSC40-SCLCL-27050-12	40	27	1.062	50	1.968	0°	0°	0.44		
	12	1/2	PSC50-SCLCR-35060-12	50	35	1.377	60	2.362	0°	0°	0.77		
	12	1/2	PSC50-SCLCL-35060-12	50	35	1.377	60	2.362	0°	0°	0.77		
	12	1/2	PSC63-SCLCR-45065-12	63	45	1.771	65	2.559	0°	0°	1.34		
	12	1/2	PSC63-SCLCL-45065-12	63	45	1.771	65	2.559	0°	0°	1.34		

SDJCR L-Kr 93°

SDJCR/L-Kr 93°

DCMT/DCMX
DCGT/DCGX/DCET
DCMW
The insert is for illustration only

(Kr)-Application	L mm	L in.	Ordering code	Dm	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
	11	3/8	PSC32-SDJCR-22040-11	32	22	0.866	40	1.574	0°	0°	0.16	DC..11T3..	DC..3(2.5)..
	11	3/8	PSC32-SDJCL-22040-11	32	22	0.866	40	1.574	0°	0°	0.16		
	11	3/8	PSC40-SDJCR-27050-11	40	27	1.062	50	1.968	0°	0°	0.33		
	11	3/8	PSC40-SDJCL-27050-11	40	27	1.062	50	1.968	0°	0°	0.33		
	11	3/8	PSC50-SDJCR-35060-11	50	35	1.377	60	2.362	0°	0°	0.63		
	11	3/8	PSC50-SDJCL-35060-11	50	35	1.377	60	2.362	0°	0°	0.63		
	11	3/8	PSC63-SDJCR-45065-11	63	45	1.771	65	2.559	0°	0°	1.05		
	11	3/8	PSC63-SDJCL-45065-11	63	45	1.771	65	2.559	0°	0°	1.05		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
PSC32-PSC63	12 1/2	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
PSC32-PSC63	11 3/8	512.090.01	322.263.01	248.150.10 & 241.035.65	ILD3512

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

External Turning Tool Body



External Turning Tool Body



SVHBR L-Kr 107.5°



VBMT/VBGT
VCGX/VCEX
VCGT/VCET
VBMW/VCMW
The insert is for
illustration only

SVHBR/L-Kr 107.5°

SVJBR/L-Kr 93°

(Kr)-Application	L mm	L in.	Ordering code	Dm	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
 107.5°	16	3/8	PSC40-SVHBR-27050-16	40	27	1.062	50	1.968	0°	0°	0.38	VB..1604.. VC..1604..	VB..33.. VC..33..
	16	3/8	PSC40-SVHBL-27050-16	40	27	1.062	50	1.968	0°	0°	0.38		
	16	3/8	PSC50-SVHBR-35060-16	50	35	1.377	60	2.362	0°	0°	0.64		
	16	3/8	PSC50-SVHBL-35060-16	50	35	1.377	60	2.362	0°	0°	0.64		
	16	3/8	PSC63-SVHBR-45065-16	63	45	1.771	65	2.559	0°	0°	1.12		
	16	3/8	PSC63-SVHBL-45065-16	63	45	1.771	65	2.559	0°	0°	1.12		
 93°	16	3/8	PSC40-SVJBR-27050-16	40	27	1.062	50	1.968	0°	0°	0.35	VB..1604.. VC..1604..	VB..33.. VC..33..
	16	3/8	PSC40-SVJBL-27050-16	40	27	1.062	50	1.968	0°	0°	0.35		
	16	3/8	PSC50-SVJBR-35060-16	50	35	1.377	60	2.362	0°	0°	0.7		
	16	3/8	PSC50-SVJBL-35060-16	50	35	1.377	60	2.362	0°	0°	0.7		
	16	3/8	PSC63-SVJBR-45065-16	63	45	1.771	65	2.559	0°	0°	1.11		
	16	3/8	PSC63-SVJBL-45065-16	63	45	1.771	65	2.559	0°	0°	1.11		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
PSC32-PSC63	16 3/8	512.090.01	322.270.01	248.150.10 & 241.035.65	ILD3512

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

SRDCN



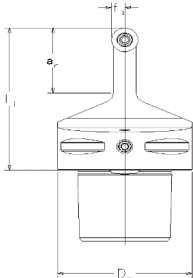


RCMT
RCGX-AL

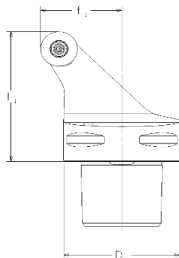
The insert is for illustration only



SRDCN



SRSCR/L



(Kr)-Application	L mm	L in.	Ordering code	Dm	ar mm	ar in.	f1 mm	f1 in.	l1 mm	l1 in.	γ	λ	m (kg)	ISO insert	ANSI
	10	—	PSC32-SRDCN-00040-10A	32	20	0.787	5	0.196	40	1.574	0°	0°	0.13	RC.10T3M0	—
	10	—	PSC40-SRDCN-00050-10A	40	25	0.984	5	0.196	50	1.968	0°	0°	0.27		
	10	—	PSC50-SRDCN-00060-10A	50	25	0.984	5	0.196	60	2.362	0°	0°	0.51		
	10	—	PSC63-SRDCN-00065-10A	63	25	0.984	5	0.196	65	2.559	0°	0°	0.91		
	16	—	PSC50-SRSCR-35060-16	50	—	—	35	1.377	60	2.362	0°	0°	0.56	RC.1606M0	—
	16	—	PSC50-SRSL-35060-16	50	—	—	35	1.377	60	2.362	0°	0°	0.56		
	16	—	PSC63-SRSCR-45065-16	63	—	—	45	1.771	65	2.559	0°	0°	1.03		
	16	—	PSC63-SRSL-45065-16	63	—	—	45	1.771	65	2.559	0°	0°	1.03		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
PSC32-PSC63	10 —	512.090.01	322.110.01	248.150.10 & 251.035.65	ILD3510
PSC50-PSC63	16 —	512.090.06	322.110.03	248.200.10 & 241.050.80	ILD5017

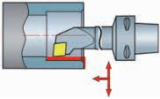
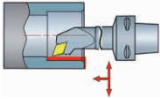
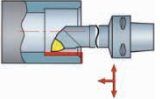
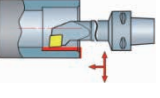
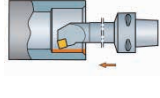
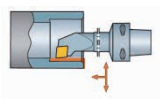
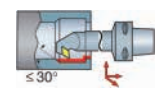
The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

Internal Turning Tool Body



Internal Turning Tool Body



Rigid clamp	Kr95°	Kr93°	Kr95°
	PSC-DCLNR/L	PSC-DDUNR/L	PSC-DWLR/L
			
	CN.. 1204..	DN.. 1506.. DN.. 1104..	WN.. 0804..
	P19	P20	P21
Lever clamp	Kr95°	Kr75°	
	PSC-PCLNR/L	PSC-PSKNR/L	
			
	CN.. 1204..	SN.. 1204..	
	P22	P23	
Screw clamp	Kr95°	Kr93°	
	PSC-SCLCR	PSC-SDUCR	
			
	CC..1204..	DC.. 0702..	
	P24	P25	



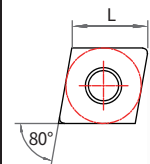
Internal Turning Tool Body

- ☆For turning the Internal of the workpiece;
- ☆The maximum length of standard turning tool body can be 140mm;
- ☆Out-machine tool adjustment, can be used in automatic mechanical equipment;
- ☆Match the ISO standard insert on the market.
- ☆Support non-standard customization.

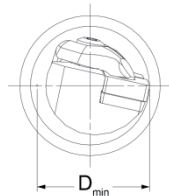
Internal Turning Tool Body



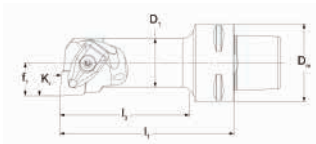
DCLNR L-Kr 95°



CNMM
CNMG
CNMA/CNGA
The insert is for illustration only



DCLNR L-Kr 95°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dmin mm	Dmin in.	D1 mm	D1 in.	f1 mm	f1 in.	l1 mm	l1 in.	l3 mm	l3 in.	γ	λ	m (kg)	ISO insert	ANSI
	12	1/2	PSC40-DCLNR-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	-6°	-12°	0.47	CN.. 1204..	CN.. 43..
	12	1/2	PSC40-DCLNL-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	-6°	-12°	0.47		
	12	1/2	PSC50-DCLNR-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	-6°	-12°	0.65		
	12	1/2	PSC50-DCLNL-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	-6°	-12°	0.65		
	12	1/2	PSC63-DCLNR-17100-12	63	32	1.259	25	0.984	17	0.669	100	3.937	73	2.874	-6°	-12°	1.04		
	12	1/2	PSC63-DCLNL-17100-12	63	32	1.259	25	0.984	17	0.669	100	3.937	73	2.874	-6°	-12°	1.04		

MAIN SPARE PARTS

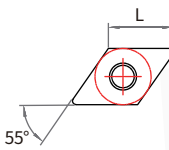
PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC32	12 1/2	ILD3072	322.316.01	242.090.40	412.028.11
PSC40-PSC80	12 1/2	ILD3072	322.315.02	242.090.40	412.028.11

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

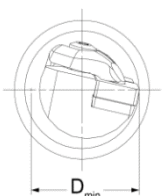
Internal Turning Tool Body



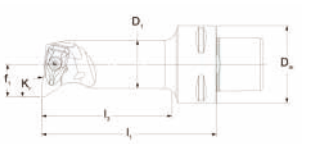
DDUMR/L-Kr 93°



DNMM/DNMX
DNMG
DNMA/DNGA
The insert is for illustration only



DDUNR/L-Kr93°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dmin mm	Dmin in.	D1 mm	D1 in.	f1 mm	f1 in.	l1 mm	l1 in.	l3 mm	l3 in.	γ	λ	m (kg)	ISO insert	ANSI
	11	3/8	PSC40-DDUNR-17090-11	40	32	1.259	25	0.984	17	0.669	90	3.543	68	2.677	-6°	-12°	0.47	DN.. 1104..	DN.. 33..
	11	3/8	PSC40-DDUNL-17090-11	40	32	1.259	25	0.984	17	0.669	90	3.543	68	2.677	-6°	-12°	0.47		
	11	3/8	PSC50-DDUNR-17090-11	50	32	1.259	25	0.984	17	0.669	90	3.543	66	2.598	-6°	-12°	0.65		
	11	3/8	PSC50-DDUNL-17090-11	50	32	1.259	25	0.984	17	0.669	90	3.543	66	2.598	-6°	-12°	0.65		
	15	1/2	PSC40-DDUNR-27080-15	40	50	1.968	39.7	1.563	27	1.063	80	3.149	59	2.322	-6°	-11°	1.04	DN.. 1506..	DN.. 44..
	15	1/2	PSC40-DDUNL-27080-15	40	50	1.968	39.7	1.563	27	1.063	80	3.149	59	2.322	-6°	-11°	1.04		
	15	1/2	PSC50-DDUNR-27140-15	50	50	1.968	40	1.574	27	1.063	140	5.511	118	4.645	-6°	-11°	1.04		
	15	1/2	PSC50-DDUNL-27140-15	50	50	1.968	40	1.574	27	1.063	140	5.511	118	4.645	-6°	-11°	1.04		
	15	1/2	PSC63-DDUNR-27140-15	63	50	1.968	40	1.574	27	1.063	140	5.511	114	4.488	-6°	-11°	1.04		
	15	1/2	PSC63-DDUNL-27140-15	63	50	1.968	40	1.574	27	1.063	140	5.511	114	4.488	-6°	-11°	1.04		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
PSC40-PSC50	11 3/8	ILD3512	322.267.01	242.090.40	412.028.011
PSC40-PSC63	15 1/2	ILD4085	322.266.02(6.35)	248.150.10	412.028.021
PSC40-PSC63	15 1/2	ILD4085	322.266.01(4.76)	248.150.10	412.028.021

The insert need to be ordered seperately.Prior notification is required if DN1504 inserts are to be used.
The sapare parts can be ordered separately.Please inquire on demand

Internal Turning Tool Body



DWLNr L-Kr 95°



WNMM
WNMG
WNGA/WNMA
The insert is for
illustration only

DWLNr/L-Kr95°

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Complete clamp
					
PSC40-PSC50	08 1/2	ILD4085	322.328.02	248.150.10	412.028.021

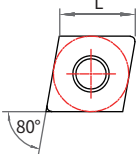
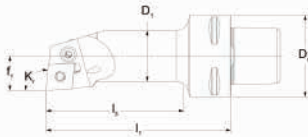
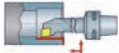
The insert need to be ordered seperately.
The sapare parts can be ordered seperately.Please inquire on demand

Internal Turning Tool Body



PCLNR L-Kr 95°



 CNMM CNMG CNMA/CNGA The insert is for illustration only    PCLNR/L-Kr95°																											
(Kr)-Application	L mm	L in.	Ordering code	Dm	Dmin mm	Dmin in.	D1 mm	D1 in.	f1 mm	f1 in.	l1 mm	l1 in.	l3 mm	l3 in.	γ	λ	m (kg)	ISO insert	ANSI								
 95°	12	1/2	PSC32-PCLNR-17090-12	32	32	1.259	25	0.984	17	0.669	90	3.543	75	2.952	-6°	-11°	0.3	CN.. 1204..	CN.. 43..								
	12	1/2	PSC32-PCLNL-17090-12	32	32	1.259	25	0.984	17	0.669	90	3.543	75	2.952	-6°	-11°	0.3										
	12	1/2	PSC32-PCLNR-22064-12	32	40	1.574	32	1.259	22	0.866	64	2.519	50	1.968	-6°	-11°	0.3										
	12	1/2	PSC32-PCLNL-22064-12	32	40	1.574	32	1.259	22	0.866	64	2.519	50	1.968	-6°	-11°	0.3										
	12	1/2	PSC32-PCLNR-22096-12	32	40	1.574	32	1.259	22	0.866	96	3.779	82	3.228	-6°	-11°	0.3										
	12	1/2	PSC32-PCLNL-22096-12	32	40	1.574	32	1.259	22	0.866	96	3.779	82	3.228	-6°	-11°	0.3										
	12	1/2	PSC40-PCLNR-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	-6°	-11°	0.5										
	12	1/2	PSC40-PCLNL-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	-6°	-11°	0.5										
	12	1/2	PSC40-PCLNR-22110-12	40	40	1.574	32	1.259	22	0.866	110	4.330	89	3.503	-6°	-11°	0.5										
	12	1/2	PSC40-PCLNL-22110-12	40	40	1.574	32	1.259	22	0.866	110	4.330	89	3.503	-6°	-11°	0.5										
	12	1/2	PSC40-PCLNR-27080-12	40	50	1.968	40	1.574	27	1.063	80	3.149	60	2.362	-6°	-10°	0.5										
	12	1/2	PSC40-PCLNL-27080-12	40	50	1.968	40	1.574	27	1.063	80	3.149	60	2.362	-6°	-10°	0.5										
	12	1/2	PSC40-PCLNR-27120-12	40	50	1.968	40	1.574	27	1.063	120	4.724	100	3.937	-6°	-11°	0.5										
	12	1/2	PSC40-PCLNL-27120-12	40	50	1.968	40	1.574	27	1.063	120	4.724	100	3.937	-6°	-11°	0.5										
	12	1/2	PSC50-PCLNR-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	-6°	-11°	0.65										
	12	1/2	PSC50-PCLNL-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	-6°	-11°	0.65										
	12	1/2	PSC50-PCLNR-22110-12	50	40	1.574	32	1.259	22	0.866	110	4.330	88	3.464	-6°	-11°	0.66										
	12	1/2	PSC50-PCLNL-22110-12	50	40	1.574	32	1.259	22	0.866	110	4.330	88	3.464	-6°	-11°	0.66										
	12	1/2	PSC50-PCLNR-27140-12	50	50	1.968	40	1.574	27	1.063	140	5.511	119	4.685	-6°	-10°	0.67										
	12	1/2	PSC50-PCLNL-27140-12	50	50	1.968	40	1.574	27	1.063	140	5.511	119	4.685	-6°	-10°	0.67										
	12	1/2	PSC50-PCLNR-35100-12	50	63	2.480	50	1.968	35	1.378	100	3.937	81	3.189	-6°	-7°	0.68										
	12	1/2	PSC50-PCLNL-35100-12	50	63	2.480	50	1.968	35	1.378	100	3.937	81	3.189	-6°	-7°	0.68										
	12	1/2	PSC63-PCLNR-17100-12	63	32	1.259	25	0.984	17	0.669	100	3.937	74	2.913	-6°	-11°	1										
	12	1/2	PSC63-PCLNL-17100-12	63	32	1.259	25	0.984	17	0.669	100	3.937	74	2.913	-6°	-11°	1										
	12	1/2	PSC63-PCLNR-22110-12	63	40	1.574	32	1.259	22	0.866	110	4.330	84	3.307	-6°	-11°	1.2										
	12	1/2	PSC63-PCLNL-22110-12	63	40	1.574	32	1.259	22	0.866	110	4.330	84	3.307	-6°	-11°	1.2										

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Lever
					
PSC32-PSC63(D25)	12 1/2	414.838.32	—	241.025.56	413.838.41-1
PSC32-PSC63(D32-D50)	12 1/2	414.438.21	322.318.50	241.030.63	413.438.41

The insert need to be ordered seperately.
The sapare parts can be ordered seperately.Please inquire on demand

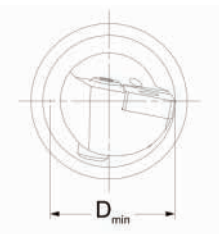
Internal Turning Tool Body



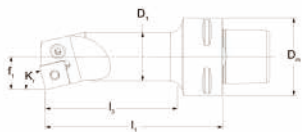
PSKNR L-Kr 75°



90°
SNMM
SNMG
SNMA/SNGA
The insert is for illustration only



PSKNR/L-Kr75°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dmin mm	Dmin in.	D1 mm	D1 in.	f1 mm	f1 in.	l1 mm	l1 in.	l3 mm	l3 in.	γ	λ	m (kg)	ISO insert	ANSI
 75°	12	1/2	PSC40-PSKNR-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	-6°	-11°	0.45	SN.. 1204..	SN.. 43..
	12	1/2	PSC50-PSKNR-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	-6°	-11°	0.51		
	12	1/2	PSC50-PSKNR-22110-12	50	40	1.574	32	1.259	22	0.866	110	4.330	88	3.464	-6°	-10°	0.7		
	12	1/2	PSC50-PSKNR-27140-12	50	50	1.968	40	1.574	27	1.063	140	5.511	119	4.685	-6°	-10°	1.4		
	12	1/2	PSC63-PSKNR-22110-12	63	40	1.574	32	1.259	22	0.866	110	4.330	84	3.307	-6°	-10°	1.3		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Lever
					
PSC40-PSC50(D25)	12 1/2	414.838.32	—	241.025.56	413.838.41-1
PSC50-PSC63(D32-D40)	12 1/2	414.438.21	322.438.51	241.030.63	413.438.41

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

Internal Turning Tool Body



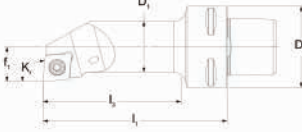
SCLCR L-Kr 95°

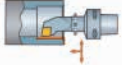


80°
CCMT/CCGT
CCGX/CCET
CCMW
The insert is for illustration only



SCLCR/L-Kr95°



(Kr)-Application	L mm	L in.	Ordering code	Dm	Dmin mm	Dmin in.	D1 mm	D1 in.	f1 mm	f1 in.	l1 mm	l1 in.	l3 mm	l3 in.	γ	λ	m (kg)	ISO insert	ANSI
 95°	12	1/2	PSC32-SCLCR-17090-12	32	32	1.259	25	0.984	17	0.669	90	3.543	75	2.952	0°	-6°	0.32	CC..1204..	CC..43..
	12	1/2	PSC32-SCLCL-17090-12	32	32	1.259	25	0.984	17	0.669	90	3.543	75	2.952	0°	-6°	0.32		
	12	1/2	PSC32-SCLCR-22064-12	32	40	1.574	31.7	1.248	22	0.866	64	2.519	50	1.968	0°	-10°	0.31		
	12	1/2	PSC32-SCLCL-22064-12	32	40	1.574	31.7	1.248	22	0.866	64	2.519	50	1.968	0°	-10°	0.31		
	12	1/2	PSC32-SCLCR-22090-12	32	40	1.574	31.7	1.248	22	0.866	90	3.543	82	3.228	0°	-10°	0.5		
	12	1/2	PSC32-SCLCL-22090-12	32	40	1.574	31.7	1.248	22	0.866	90	3.543	82	3.228	0°	-10°	0.5		
	12	1/2	PSC40-SCLCR-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	0°	-6°	0.45		
	12	1/2	PSC40-SCLCL-17090-12	40	32	1.259	25	0.984	17	0.669	90	3.543	69	2.716	0°	-6°	0.45		
	12	1/2	PSC40-SCLCR-22110-12	40	40	1.574	32	1.259	22	0.866	110	4.330	89	3.503	0°	-10°	0.68		
	12	1/2	PSC40-SCLCL-22110-12	40	40	1.574	32	1.259	22	0.866	110	4.330	89	3.503	0°	-10°	0.68		
	12	1/2	PSC40-SCLCR-27080-12	40	50	1.968	39.7	1.563	27	1.063	80	3.149	60	2.362	0°	-8°	0.63		
	12	1/2	PSC40-SCLCL-27080-12	40	50	1.968	39.7	1.563	27	1.063	80	3.149	60	2.362	0°	-8°	0.63		
	12	1/2	PSC50-SCLCR-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	0°	-6°	0.63		
	12	1/2	PSC50-SCLCL-17090-12	50	32	1.259	25	0.984	17	0.669	90	3.543	67	2.637	0°	-6°	0.63		
	12	1/2	PSC50-SCLCR-22110-12	50	40	1.574	32	1.259	22	0.866	110	4.330	88	3.464	0°	-10°	0.87		
	12	1/2	PSC50-SCLCL-22110-12	50	40	1.574	32	1.259	22	0.866	110	4.330	88	3.464	0°	-10°	0.87		
	12	1/2	PSC50-SCLCR-27140-12	50	50	1.968	40	1.574	27	1.063	140	5.511	119	4.685	0°	-8°	1.35		
	12	1/2	PSC50-SCLCL-27140-12	50	50	1.968	40	1.574	27	1.063	140	5.511	119	4.685	0°	-8°	1.35		
	12	1/2	PSC50-SCLCR-35100-12	50	63	2.480	49.7	1.956	35	1.378	100	3.937	80	3.149	0°	-5°	1.27		
	12	1/2	PSC50-SCLCL-35100-12	50	63	2.480	49.7	1.956	35	1.378	100	3.937	80	3.149	0°	-5°	1.27		

MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
					
PSC32-PSC50(D25)	12 1/2	—	—	248.150.10	ILD4011-A
PSC32-PSC50(D32-D40)	12 1/2	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand

Internal Turning Tool Body



PCS Grooving Cutter Body



SDUCR L-Kr 93°



DCMT/DCMX
DCGT/DCGX
DCET/DCMW
The insert is for illustration only

SDUCR/L-Kr93°

(Kr)-Application	L mm in.	Ordering code	Dm	Dmin mm in.	D1 mm in.	f1 mm in.	l1 mm in.	l3 mm in.	l7 mm in.	Y	λ	m (kg)	ISO insert	ANSI
	07 1/4	PSC32-SDUCR-13070-07X	32	22 0.866	16 0.629	13 0.511	70 2.755	54 2.126	80.7 3.177	0°	-6°	0.19	DC.. 0702..	DC.. 2(1.5)..
	07 1/4	PSC32-SDUCL-13070-07X	32	22 0.866	16 0.629	13 0.511	70 2.755	54 2.126	80.7 3.177	0°	-6°	0.19		
	07 1/4	PSC32-SDUCR-15080-07X	32	27 1.063	20 0.787	15 0.590	80 3.149	64 2.519	91.5 3.602	0°	-3°	0.26		
	07 1/4	PSC32-SDUCL-15080-07X	32	27 1.063	20 0.787	15 0.590	80 3.149	64 2.519	91.5 3.602	0°	-3°	0.26		
	07 1/4	PSC40-SDUCR-13070-07X	40	22 0.866	16 0.629	13 0.511	70 2.755	48 1.889	80.7 3.177	0°	-6°	0.32		
	07 1/4	PSC40-SDUCL-13070-07X	40	22 0.866	16 0.629	13 0.511	70 2.755	48 1.889	80.7 3.177	0°	-6°	0.32		
	07 1/4	PSC40-SDUCR-15080-07X	40	27 1.063	20 0.787	15 0.590	80 3.149	58 2.283	91.5 3.602	0°	-3°	0.39		
	07 1/4	PSC40-SDUCL-15080-07X	40	27 1.063	20 0.787	15 0.590	80 3.149	58 2.283	91.5 3.602	0°	-3°	0.39		
	07 1/4	PSC40-SDUCR-18090-07X	40	32 1.259	25 0.984	18 0.708	90 3.543	69 2.716	101.5 3.996	0°	-3°	0.49		
	07 1/4	PSC40-SDUCL-18090-07X	40	32 1.259	25 0.984	18 0.708	90 3.543	69 2.716	101.5 3.996	0°	-3°	0.49		
	07 1/4	PSC50-SDUCR-15080-07X	50	27 1.063	20 0.787	15 0.590	80 3.149	58 2.283	91.5 3.602	0°	-3°	0.58		
	07 1/4	PSC50-SDUCL-15080-07X	50	27 1.063	20 0.787	15 0.590	80 3.149	58 2.283	91.5 3.602	0°	-3°	0.58		
	07 1/4	PSC50-SDUCR-18090-07X	50	32 1.259	25 0.984	18 0.708	90 3.543	68 2.677	101.5 3.996	0°	-3°	0.67		
	07 1/4	PSC50-SDUCL-18090-07X	50	32 1.259	25 0.984	18 0.708	90 3.543	68 2.677	101.5 3.996	0°	-3°	0.67		



MAIN SPARE PARTS

PSC size	Insert	Shim screw	Shim	Key	Insert screw
PSC32-PSC50	07 1/4	—	—	242.070.35	ILD2565

The insert need to be ordered separately.
The sapare parts can be ordered separately.Please inquire on demand

PCS Grooving Cutter Body

- ☆For grooving the external of the workpiece;
- ☆The maximum cutting depth can reach 9.5mm;
- ☆Inside-machine tool adjustment, can be used in automatic mechanical equipment;
- ☆Match the Worldia grooving insert on the market.

Grooving Cutter Nomenclature



PCS Grooving Cutter Body



PSC40

1

—

GT

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F

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R

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35

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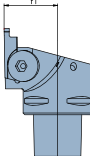
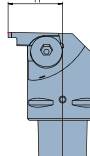
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6

① Coupling Type		② Insert
PSC	40	GT Worldia Standard Grooving Inserts 
	50	
	63	

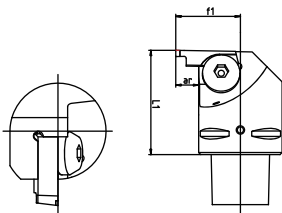
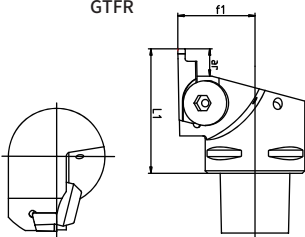
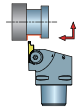
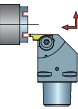
③ Kr						
						
A	B	C	D	E	F	G
						
H	J	K	L	M	N	Q

④ Direction Of Tool	
L	Left
R	Right
N	Null

⑤ L1 dimension	⑥ F1 dimension
	

GTGR/GTFR



 GTGR  GTFR 										
(Kr)-Application	Ordering code	Dm	f1 mm	f1 in.	l1 mm	l1 in.	ar mm	ar in.	m (kg)	Match the ISO standard insert on the market.
	PSC40-GTGR-32050	40	30	1.181	50	1.968	10	0.393	0.43	GTIS GTIO GTOR GTOE GTOC GTII
	PSC40-GTGL-32050	40	30	1.181	50	1.968	10	0.393	0.43	
	PSC50-GTGR-35060	50	35	1.377	60	2.362	10	0.393	0.89	
	PSC50-GTGL-35060	50	35	1.377	60	2.362	10	0.393	0.89	
	PSC63-GTGR-45065	63	45	1.771	65	2.559	10	0.393	1.48	
	PSC63-GTGL-45065	63	45	1.771	65	2.559	10	0.393	1.48	
	PSC40-GTFR-32050	40	30	1.181	50	1.968	10	0.393	0.4	
	PSC40-GTFL-32050	40	30	1.181	50	1.968	10	0.393	0.4	
	PSC50-GTFR-35060	50	35	1.377	60	2.362	10	0.393	0.84	
	PSC50-GTFL-35060	50	35	1.377	60	2.362	10	0.393	0.84	
	PSC63-GTFR-45065	63	45	1.771	65	2.559	10	0.393	1.49	
	PSC63-GTFL-45065	63	45	1.771	65	2.559	10	0.393	1.49	

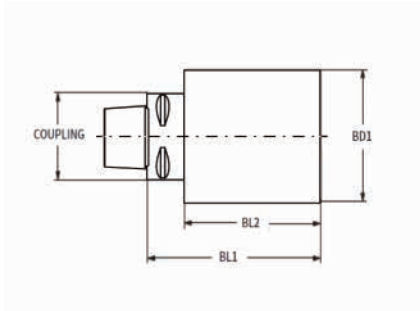
MAIN SPARE PARTS

PSC size	Insert	Lock screw	Key
			
PSC40-PSC63	GT forehand series GT backhand series	403000003 303000822	403000204

The insert need to be ordered seperately.
The sapare parts can be ordered separately.Please inquire on demand



PCS Blank



PSC size	Ordering code	BD1 mm	BD1 in.	BL1 mm	BL1 in.	Inventory
PSC32	BLPSC32A040110M	40	1.574	110	4.330	▲
	BLPSC32A050110M	50	1.968	110	4.330	●
	BLPSC32A050125M	50	1.968	125	4.921	▲
	BLPSC32A070060M	70	2.755	60	2.362	▲
	BLPSC32A090070M	90	3.543	70	2.755	▲
PSC40	BLPSC40A040095M	40	1.574	95	3.740	▲
	BLPSC40A060130M	60	2.362	130	5.118	●
	BLPSC40A060165M	60	2.362	165	6.496	▲
	BLPSC40A080075M	80	3.149	75	2.952	▲
	BLPSC40A100085M	100	3.937	85	3.346	▲
PSC50	BLPSC50A050125M	50	1.968	125	4.921	●
	BLPSC50A075175M	75	2.952	175	6.889	●
	BLPSC50A090080M	90	3.543	80	3.149	▲
	BLPSC50A110090M	110	4.330	90	3.543	▲
PSC63	BLPSC63A072120M	72	2.834	120	4.724	●
	BLPSC63A075195M	75	2.952	195	7.677	●
	BLPSC63A100080M	100	3.937	80	3.149	●
	BLPSC63A110085M	110	4.330	85	3.346	▲
	BLPSC63A130095M	130	5.118	95	3.740	●
PSC80	BLPSC80A080200M	80	3.149	200	7.874	▲
	BLPSC80A120095M	120	4.724	95	3.740	▲
	BLPSC80A120160M	120	4.724	160	6.299	●
	BLPSC80A130090M	130	5.118	90	3.543	●

PSC semi-finished blanks with 42-46 HRC hardness on the front end allow to be machined to the desired shape.

Delivery time: ▲ short and fast. ● Available stock for immediate supply.

PCS Non-standard Customization

- ☆Customization service based on customers' requirement;
- ☆Inside-machine tool adjustment, can be used in automatic mechanical equipment;
- ☆Match the ISO standard insert on the market;
- ☆Our solution combines optimal production efficiency, machining precision, and process cycle time.

PSC Clamping Unit Naming And Coding Rules



PSC40

1

R

2

CUSA

3

24

4

043

5

M

6

① Coupling Type

PSC	32
	40
	50
	63
	80

② Hand Of Tool

L	Left
R	Right

③ Production Type

CUSA	General Purpose Receiver
CVDI	VDI Receiver
CSQUA	Horizontal Lathe Receiver

④ Size

⑤ Size

⑥ Standard

M	Standard
---	----------

PSC Clamping Unit



CUSA型

PSC size	Ordering code	b2 mm	b2 in.	h2 mm	h2 in.	h21 mm	h21 in.	l1x mm	l1x in.	l1z mm	l1z in.	l2x mm	l2x in.	l2z mm	l2z in.	m (kg)
PSC32	PSC32-RCUSA-19039	73	2.874	54	2.126	30	1.181	39	1.535	19	0.748	38	1.496	1.3		
PSC32	PSC32-LCUSA-19039	73	2.874	54	2.126	30	1.181	39	1.535	19	0.748	38	1.496	1.3		
PSC40	PSC40-RCUSA-24043	86	3.385	77	3.031	38	1.496	43	1.692	24	0.944	48	1.889	2.26		
PSC40	PSC40-LCUSA-24043	86	3.385	77	3.031	38	1.496	43	1.692	24	0.944	48	1.889	2.26		
PSC50	PSC50-RCUSA-32048	100	3.937	92	3.622	44	1.732	48	1.889	32	1.259	64	2.519	3.74		
PSC50	PSC50-LCUSA-32048	100	3.937	92	3.622	44	1.732	48	1.889	32	1.259	64	2.519	3.74		
PSC63	PSC63-RCUSA-42060	122	4.803	105	4.133	37	1.456	60	2.362	42	1.653	84	3.307	7.1		
PSC63	PSC63-LCUSA-42060	122	4.803	105	4.133	37	1.456	60	2.362	42	1.653	84	3.307	7.1		
PSC80	PSC80-RCUSA-50088	146	5.748	133	5.236	133	5.236	88	3.464	50	1.968	100	3.937	13.25		
PSC80	PSC80-LCUSA-50088	146	5.748	133	5.236	133	5.236	88	3.464	50	1.968	100	3.937	13.25		

Clamping device R \ L Rusa application design description

WORLDIA
SHAPING YOUR WORLD
WITH DIAMOND



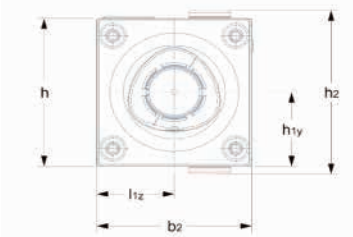
WORLDIA
 SHAPING YOUR WORLD
 WITH DIAMOND



Technical drawing of a circular flange. The drawing shows a cross-section of a flange with a central circular hole. The outer diameter is labeled b_2 . The inner diameter of the central hole is labeled b_{21} . The total height of the flange is labeled h_2 . The height of the central hole is labeled h_{ry} . The drawing includes dimension lines and arrows indicating the measurement of these parameters.

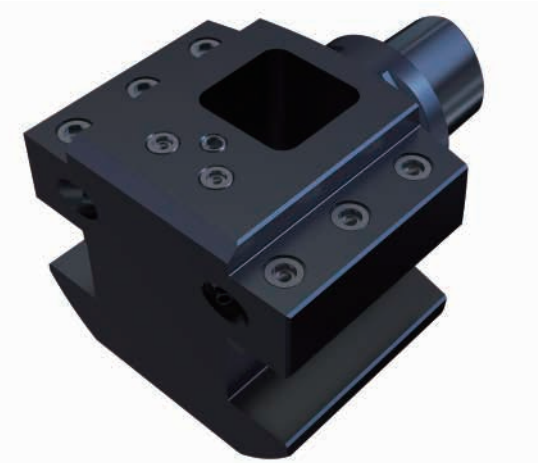


International
cooling



PSC size	Ordering code	b2 mm	b2 in.	h1y mm	h1y in.	h2 mm	h2 in.	l1x mm	l1x in.	l1z mm	l1z in.	l21 mm	l21 in.	l22 mm	l22 in.	l23 mm	l23 in.	Th	m (kg)
PSC32	PSC32-RCSQUA-4038M	38	1.496	20	0.787	62	2.440	95	3.740	19	0.748	16.5	0.649	78.5	3.090	25	0.984	G1/8	1.3
PSC32	PSC32-LCSQUA-4038M	38	1.496	20	0.787	62	2.440	95	3.740	19	0.748	16.5	0.649	78.5	3.090	25	0.984	G1/8	1.3
PSC40	PSC40-RCSQUA-5048M	48	1.889	25	0.984	54	2.125	125	4.921	24	0.944	24	0.944	101	3.976	30.5	1.200	G1/8	2.3
PSC40	PSC40-LCSQUA-5048M	48	1.889	25	0.984	54	2.125	125	4.921	24	0.944	24	0.944	101	3.976	30.5	1.200	G1/8	2.3
PSC50	PSC50-RCSQUA-6464M	64	2.519	32	1.259	68	2.677	145	5.708	32	1.259	27	1.062	118	4.645	36	1.417	G1/8	3.2
PSC50	PSC50-LCSQUA-6464M	64	2.519	32	1.259	68	2.677	145	5.708	32	1.259	27	1.062	118	4.645	36	1.417	G1/8	3.2

Tool Holder Adaptor Naming And Coding Rules



PSC63

1

ASHR

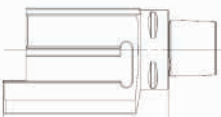
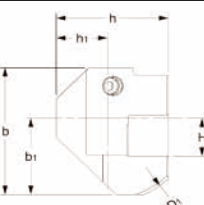
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25

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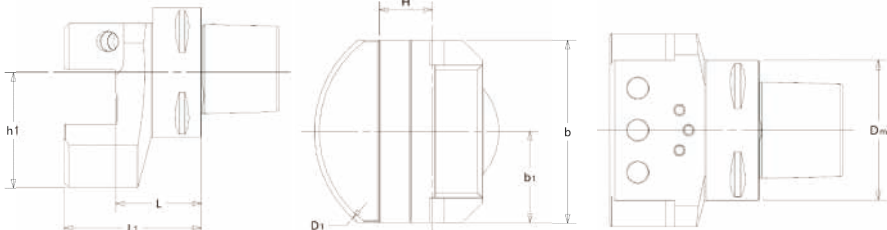
① Coupling Type		② Production Type		③ Length	④ eight		
PSC	32	ASHL	General Purpose 0° Left-Hand Adaptor				
	40	ASHR	General Purpose 0° Right-Hand Adaptor				
	50	ASHA	Purpose 90° Shank				
	63	ASHS	Purpose 0° Both-sides Adaptor				
	80						

Tool holder adaptor



General Purpose 90° Adaptor

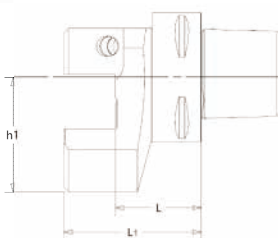
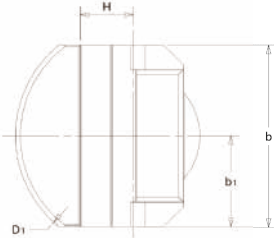
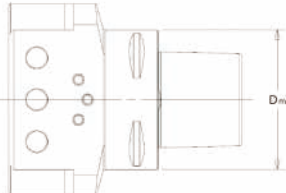


PSC size	Square size	Ordering code	Dm mm	Dm in.	L1 mm	L1 in.	L mm	L in.	H mm	H in.	b mm	b in.	D1 mm	D1 in.	h1 mm	h1 in.	b1 mm	b1 in.	m (kg)	Screw
PSC50	20X20	PSC50-ASHA-065-20	50	1.968	65	2.559	45	1.771	20	0.787	64	2.519	85	3.346	37	1.456	32	1.259	1.4	251.120.20
PSC63	20X20	PSC63-ASHA-070-20	63	2.480	70	2.755	50	1.968	20	0.787	64	2.519	85	3.346	37	1.456	32	1.259	1.8	251.120.20
PSC63	25X25	PSC63-ASHA-080-25	63	2.480	80	3.149	55	2.165	25	0.984	76	2.992	100	3.937	46	1.811	38	1.496	2.4	251.120.20
PSC80	25X25	PSC80-ASHA-075-25	80	3.149	75	2.952	50	1.968	25	0.984	80	3.149	103	4.055	46	1.811	38	1.496	3.1	251.120.20
PSC80	32X32	PSC80-ASHA-085-32	80	3.149	85	3.346	53	2.086	32	1.259	110	4.330	142	5.590	65	2.559	55	2.165	4.4	251.120.20

General Purpose 0° Both-sides Adaptor



   																									
PSC size	Square size	Ordering code	Dm mm	Dm in.	L1 mm	L1 in.	L2 mm	L2 in.	F1 mm	F1 in.	F2 mm	F2 in.	H1 mm	H1 in.	H2 mm	H2 in.	b mm	b in.	h mm	h in.	D1 mm	D1 in.	m (kg)	Screw	
PSC63	25X25	PSC63-ASHS-122-25	253	2.480	122	4.803	122	4.803	20	0.787	20	0.787	25	0.984	25	0.984	25	0.984	78	3.070	114	4.488	4.5	251.120.20	
PSC80	25X25	PSC80-ASHS-122-25	250	3.149	122	4.803	122	4.803	30	1.181	30	1.181	25	0.984	25	0.984	110	4.330	75	2.952	128	5.039	5.9	251.120.20	

General Purpose 0° Adaptor



PSC size	Square size	Ordering code	Dm mm	Dm in.	L mm	L in.	F mm	F in.	H mm	H in.	b mm	b in.	h mm	h in.	D1 mm	D1 in.	h1 mm	h1 in.	b1 mm	b1 in.	m (kg)	Screw
PSC50	20X20	PSC50-ASHR-095-200	200	1.968	95	3.740	10	0.393	20	0.787	55.5	2.185	69	2.716	85	3.346	37	1.456	30	1.181	1.69	251.080.20
PSC50	20X20	PSC50-ASHL-095-200	200	1.968	95	3.740	10	0.393	20	0.787	55.5	2.185	69	2.716	85	3.346	37	1.456	30	1.181	1.69	251.080.20
PSC63	20X20	PSC63-ASHR-105-203	203	2.480	105	4.133	10	0.393	20	0.787	63.5	2.500	69	2.716	85	3.346	37	1.456	30	1.181	2.39	251.080.20
PSC63	20X20	PSC63-ASHL-105-203	203	2.480	105	4.133	10	0.393	20	0.787	63.5	2.500	69	2.716	85	3.346	37	1.456	30	1.181	2.39	251.080.20
PSC63	25X25	PSC63-ASHR-122-253	253	2.480	122	4.803	13	0.511	25	0.984	70	2.755	78	3.070	100	3.937	46	1.811	38	1.496	3.17	251.100.18
PSC63	25X25	PSC63-ASHL-122-253	253	2.480	122	4.803	13	0.511	25	0.984	70	2.755	78	3.070	100	3.937	46	1.811	38	1.496	3.17	251.100.18
PSC80	25X25	PSC80-ASHR-122-250	250	3.149	122	4.803	15	0.590	25	0.984	80	3.149	86	3.385	103	4.055	46	1.811	40	1.574	4.06	251.100.20
PSC80	25X25	PSC80-ASHL-122-250	250	3.149	122	4.803	15	0.590	25	0.984	80	3.149	86	3.385	103	4.055	46	1.811	40	1.574	4.06	251.100.20
PSC80	32X32	PSC80-ASHR-140-300	300	3.149	140	5.511	8	0.314	32	1.259	80	3.149	95	3.740	110	4.330	55	2.165	40	1.574	5.13	251.120.30
PSC80	32X32	PSC80-ASHL-140-300	300	3.149	140	5.511	8	0.314	32	1.259	80	3.149	95	3.740	110	4.330	55	2.165	40	1.574	5.13	251.120.30



PSC40

①

PSC40

②

080

③

M

④

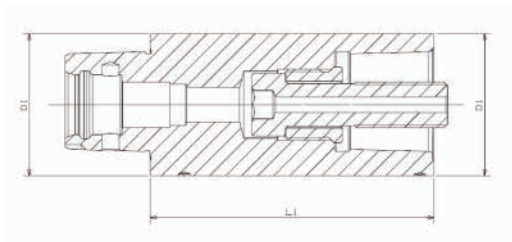
① Coupling Type	
PSC	32
	40
	50
	63
	80
BT	30
	40
	50
HSK	50
	63
	80
	100

② Coupling Type			
PSC	32	Arbor	A16A
	40		A22A
	50		A27A
	63		A32A
	80		A40A
			A40C
			A60C

④ Standard	
M	Standard
A	Short

③ Length					
25	25mm	65	65mm	125	125mm
30	30mm	70	70mm	135	135mm
32	32mm	75	75mm	140	140mm
33	33mm	80	80mm	145	145mm
35	35mm	85	85mm	150	150mm
40	40mm	90	90mm	155	155mm
45	45mm	95	95mm	175	175mm
50	50mm	100	100mm	185	185mm
55	55mm	110	110mm	200	200mm
60	60mm	120	120mm		

Extension with Type PSC Connection



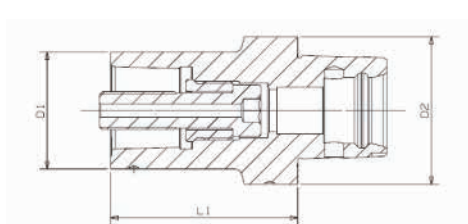
Ordering code	D1 mm	D1 in.	D2 mm	D2 in.	L1 mm	L2 in.	m (kg)
PSC32-PSC32-035A	32	1.259	32	1.259	35	1.377	0.22
PSC32-PSC32-060M	32	1.259	32	1.259	60	2.362	0.36
PSC32-PSC32-080M	32	1.259	32	1.259	80	3.149	0.47
PSC32-PSC32-095M	32	1.259	32	1.259	95	3.740	0.56
PSC40-PSC40-040A	40	1.574	40	1.574	40	1.574	0.4
PSC40-PSC40-060M	40	1.574	40	1.574	60	2.362	0.57
PSC40-PSC40-080M	40	1.574	40	1.574	80	3.149	0.7
PSC40-PSC40-120M	40	1.574	40	1.574	120	4.724	1.11
PSC50-PSC50-050A	50	1.968	50	1.968	50	1.968	0.73
PSC50-PSC50-080M	50	1.968	50	1.968	80	3.149	1.15
PSC50-PSC50-100M	50	1.968	50	1.968	100	3.937	1.38
PSC50-PSC50-150M	50	1.968	50	1.968	150	5.905	2.17
PSC63-PSC63-060A	63	2.480	63	2.480	60	2.362	1.36
PSC63-PSC63-100M	63	2.480	63	2.480	100	3.937	2.26
PSC63-PSC63-140M	63	2.480	63	2.480	140	5.511	3.17
PSC63-PSC63-185M	63	2.480	63	2.480	185	7.283	4.19
PSC80-PSC80-065A	80	3.149	80	3.149	65	2.559	2.41
PSC80-PSC80-100M	80	3.149	80	3.149	100	3.937	3.7
PSC80-PSC80-125M	80	3.149	80	3.149	125	4.921	4.64
PSC80-PSC80-200M	80	3.149	80	3.149	200	7.874	7.47

Main spare parts

PSC size	Threaded sleeve	Pull stud	Specification	Pull stud	SOFTOOL	Key
						
PSC32	SRLM1815155123	SCFM1215D16050	PSC32-PSC32-035A	512.068.01	545.040.02	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	PSC40-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	PSC50-PSC50-050A	512.068.03	545.040.07	241.080.00
PSC63	SRLM3015240203	SCFM2020D27087	PSC63-PSC63-060A	512.068.04	545.040.08	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	PSC80-PSC80-065A	512.068.05	545.040.08	241.140.00

The spare parts can be ordered separately.plese inquire on demand

PSC Reduction Adaptor



Ordering code	D1 mm	D1 in.	D2 mm	D2 in.	L1 mm	L2 in.	m (kg)
PSC40-PSC32-055M	32	1.259	40	1.574	55	2.165	0.49
PSC40-PSC32-070M	32	1.259	40	1.574	70	2.755	0.59
PSC40-PSC32-120M	32	1.259	40	1.574	120	4.724	0.81
PSC50-PSC32-033A	32	1.259	50	1.968	33	1.299	0.54
PSC50-PSC32-060M	32	1.259	50	1.968	60	2.362	0.68
PSC50-PSC32-120M	32	1.259	50	1.968	120	4.724	0.99
PSC50-PSC32-150M	32	1.259	50	1.968	150	5.905	1.65
PSC50-PSC40-040A	40	1.574	50	1.968	40	1.574	0.59
PSC50-PSC40-065M	40	1.574	50	1.968	65	2.559	0.8
PSC50-PSC40-085M	40	1.574	50	1.968	85	3.346	1.1
PSC50-PSC40-140M	40	1.574	50	1.968	140	5.511	1.46
PSC63-PSC32-032A	32	1.259	63	2.480	32	1.259	0.91
PSC63-PSC32-070M	32	1.259	63	2.480	70	2.755	1.12
PSC63-PSC32-125M	32	1.259	63	2.480	125	4.921	1.43
PSC63-PSC32-185M	32	1.259	63	2.480	185	7.283	2.99
PSC63-PSC40-040A	40	1.574	63	2.480	40	1.574	0.98
PSC63-PSC40-080M	40	1.574	63	2.480	80	3.149	1.32
PSC63-PSC40-145M	40	1.574	63	2.480	145	5.708	1.86
PSC63-PSC40-185M	40	1.574	63	2.480	185	7.283	3.23
PSC63-PSC50-050A	50	1.968	63	2.480	50	1.968	1.11
PSC63-PSC50-080M	50	1.968	63	2.480	80	3.149	1.53
PSC63-PSC50-110M	50	1.968	63	2.480	110	4.330	2.23
PSC63-PSC50-175M	50	1.968	63	2.480	175	6.889	2.79
PSC80-PSC32-060M	32	1.259	80	3.149	60	2.362	2.07
PSC80-PSC32-135M	32	1.259	80	3.149	135	5.314	2.53
PSC80-PSC40-070M	40	1.574	80	3.149	70	2.755	2.2
PSC80-PSC40-155M	40	1.574	80	3.149	155	6.102	2.97
PSC80-PSC40-200M	40	1.574	80	3.149	200	7.874	5.42
PSC80-PSC50-045A	50	1.968	80	3.149	45	1.771	2
PSC80-PSC50-080M	50	1.968	80	3.149	80	3.149	2.43
PSC80-PSC50-185M	50	1.968	80	3.149	185	7.283	3.88
PSC80-PSC50-200M	50	1.968	80	3.149	200	7.874	5.84
PSC80-PSC63-055A	63	2.480	80	3.149	55	2.165	2.15
PSC80-PSC63-080M	63	2.480	80	3.149	80	3.149	2.65
PSC80-PSC63-120M	63	2.480	80	3.149	120	4.724	4.1
PSC80-PSC63-200M	63	2.480	80	3.149	200	7.874	5.37

Main spare parts (continued on next page)

PSC Reduction Adaptor



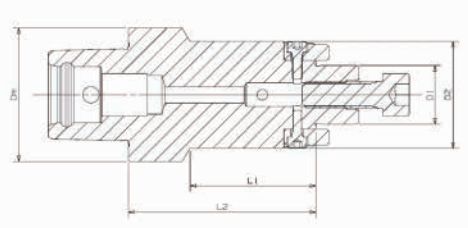
Main spare parts

PSC size	Threaded sleeve	Pull stud	Key
			
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.080.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

Specification	Pull stud	SOFTOOL	Key
			
PSC50-PSC32-033A	512.068.01	545.040.02	241.080.00
PSC50-PSC40-040A	512.068.06	545.040.07	241.080.00
PSC63-PSC32-032A	512.068.01	545.040.02	241.080.00
PSC63-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC63-PSC50-050A	512.068.07	545.040.08	241.100.00
PSC80-PSC50-045A	512.068.08	545.040.08	241.100.00
PSC80-PSC63-055A	512.068.05	545.040.08	241.140.00

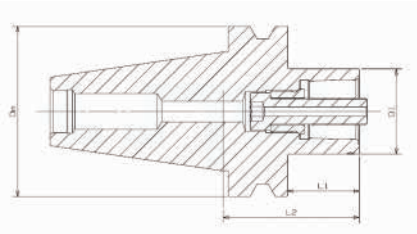
The spare parts can be ordered separately.plese inquire on demand

PSC with Type Arbor Adaptor



Ordering code	Dm	D1 mm	D1 in.	D2 mm	D2 in.	L1 mm	L1 in.	L2 mm	L2 in.	m (kg)
PSC32-A16A-030M	32	16	0.629	32	1.259	15	0.59	30	1.181	0.25
PSC40-A16A-032M	40	16	0.629	32	1.259	10	0.393	32	1.259	0.38
PSC40-A16A-055M	40	16	0.629	32	1.259	33	1.299	55	2.165	0.4
PSC40-A22A-025M	40	22	0.866	40	1.574	—	—	25	0.984	0.4
PSC40-A22A-055M	40	22	0.866	40	1.574	25	0.984	55	2.165	0.6
PSC50-A16A-035M	50	16	0.629	32	1.259	10	0.393	35	1.377	0.6
PSC50-A16A-070M	50	16	0.629	32	1.259	45	1.771	70	2.755	0.7
PSC50-A22A-025M	50	22	0.866	50	1.968	—	—	25	0.984	0.62
PSC50-A22A-070M	50	22	0.866	40	1.574	47	1.850	70	2.755	0.9
PSC50-A27A-025M	50	27	1.062	50	1.968	—	—	25	0.984	0.68
PSC50-A32A-040M	50	32	1.259	63	2.480	20	0.787	40	1.574	1.14
PSC63-A16A-040M	63	16	0.629	32	1.259	10	0.393	40	1.574	1
PSC63-A22A-025M	63	22	0.866	50	1.968	—	—	25	0.984	0.96
PSC63-A22A-080M	63	22	0.866	40	1.574	40	1.574	80	3.149	1.4
PSC63-A27A-025M	63	27	1.062	50	1.968	—	—	25	0.984	1.01
PSC63-A27A-080M	63	27	1.062	50	1.968	55	2.165	80	3.149	1.6
PSC63-A32A-025M	63	32	1.259	63	2.480	—	—	25	0.984	1.09
PSC63-A40A-045M	63	40	1.574	70	2.755	20	0.787	45	1.771	1.75
PSC63-A40C-050M	63	40	1.574	88	3.464	28	1.102	50	1.968	2.4
PSC80-A16A-050M	80	16	0.629	32	1.259	10	0.393	50	1.968	2.1
PSC80-A22A-030M	80	22	0.866	80	3.149	—	—	30	1.181	1.86
PSC80-A22A-090M	80	22	0.866	40	1.574	45	1.771	90	3.543	2.4
PSC80-A27A-030M	80	27	1.062	50	1.968	—	—	30	1.181	1.91
PSC80-A27A-090M	80	27	1.062	50	1.968	50	1.968	90	3.543	2.7
PSC80-A32A-030M	80	32	1.259	80	3.149	—	—	30	1.181	2.02
PSC80-A40A-030M	80	40	1.574	80	3.149	—	—	30	1.181	2
PSC80-A40C-060M	80	40	1.574	88	3.465	30	1.181	60	2.362	3.47
PSC80-A60C-080M	80	60	2.362	130	5.118	50	1.968	80	3.149	7.78

BT with Type PSC Adaptor



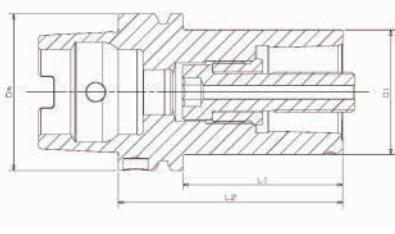
Ordering code	Dm	D1 mm in.	L1 mm in.	L2 mm in.	m (kg)
BT30-PSC32-030M	46	32 1.259	8 0.314	30 1.181	0.42
BT30-PSC32-060M	46	32 1.259	38 1.496	60 2.362	0.58
BT30-PSC40-060M	46	40 1.574	38 1.496	60 2.362	0.67
BT30-PSC50-080M	46	50 1.968	58 2.283	80 3.149	1.08
BT40-PSC32-030M	63	32 1.259	3 0.118	30 1.181	1
BT40-PSC32-060M	63	32 1.259	33 1.299	60 2.362	0.99
BT40-PSC40-030M	63	40 1.574	3 0.118	30 1.181	0.95
BT40-PSC40-060M	63	40 1.574	33 1.299	60 2.362	1.21
BT40-PSC50-030M	63	50 1.968	3 0.118	30 1.181	3.56
BT40-PSC50-070M	63	50 1.968	43 1.692	70 2.755	4.09
BT40-PSC63-075M	63	63 2.480	48 1.889	75 2.952	1.75
BT50-PSC32-040M	100	32 1.259	2 0.078	40 1.574	3.72
BT50-PSC32-070M	100	32 1.259	32 1.259	70 2.755	3.82
BT50-PSC40-040M	100	40 1.574	2 0.078	40 1.574	3.72
BT50-PSC40-070M	100	40 1.574	32 1.259	70 2.755	3.9
BT50-PSC50-040M	100	50 1.968	2 0.078	40 1.574	3.59
BT50-PSC50-080M	100	50 1.968	42 1.653	80 3.149	4.13
BT50-PSC63-040M	100	63 2.480	2 0.078	40 1.574	3.61
BT50-PSC63-090M	100	63 2.480	52 2.047	90 3.543	4.71
BT50-PSC80-070M	100	80 3.149	32 1.259	70 2.755	4.16
BT50-PSC80-120M	100	80 3.149	82 3.228	120 4.724	6.02

Main spare parts

PSC size	Threaded sleeve	Pull stud	Key
			
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

The spare parts can be ordered separately.plese inquire on demand

HSK with Type PSC Adaptor



Ordering code	Dm	D1 mm in.	D2 mm in.	L1 mm in.	L2 mm in.	m (kg)
HSK50A-PSC32-075M	50	32 1.259	75 2.952	49 1.929		0.67
HSK50A-PSC40-080M	50	40 1.574	80 3.149	54 2.125		0.85
HSK63A-PSC32-075M	63	32 1.259	75 2.952	49 1.929		0.97
HSK63A-PSC40-080M	63	40 1.574	80 3.149	54 2.125		1.14
HSK63A-PSC50-090M	63	50 1.968	90 3.543	64 2.519		1.47
HSK80A-PSC40-090M	80	40 1.574	90 3.543	64 2.519		1.69
HSK80A-PSC50-095M	80	50 1.968	95 3.740	69 2.716		2.02
HSK80A-PSC63-110M	80	63 2.480	110 4.330	84 3.307		2.79
HSK100A-PSC32-080M	100	32 1.259	80 3.149	43 1.692		2.42
HSK100A-PSC40-090M	100	40 1.574	90 3.543	61 2.401		2.63
HSK100A-PSC50-100M	100	50 1.968	100 3.937	71 2.795		3.02
HSK100A-PSC63-110M	100	63 2.480	110 4.330	81 3.188		3.7
HSK100A-PSC80-120M	100	80 3.149	120 4.724	91 3.582		4.87

Main spare parts

PSC size	Threaded sleeve	Pull stud	Key
			
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

The spare parts can be ordered separately.plese inquire on demand