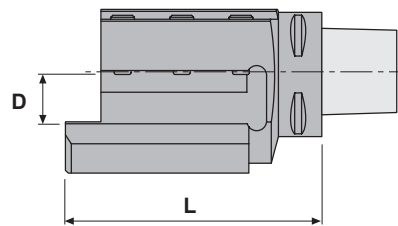
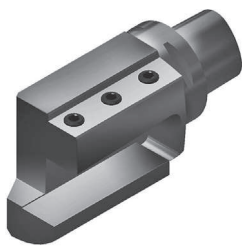



18.500

Ref.	PSC	Type	D	L	Kg
18.500.050.20 R/L	50	Turning toolholder for square tool left/right hand	20	98	2,500
18.500.063.20 R/L	63		20	100	2,500
18.500.063.25 R/L	63		25	130	3,400
18.500.063.32 R/L	63		32	134	-
18.500.080.32 R/L	80		32	140	5,100
18.500.100.32 R/L	100		32	160	-

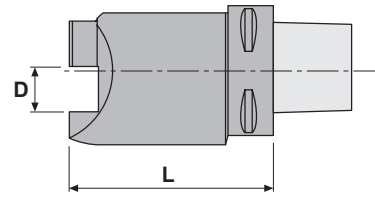
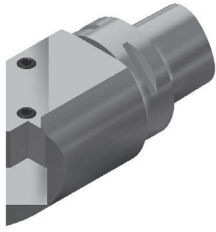
Ref.		
18.500.050.20 R/L	17010	29708
18.500.063.20 R/L	17110	29708
18.500.063.25 R/L	17012	29708
18.500.063.32 R/L	17012	29708
18.500.080.32 R/L	17012	29710
18.500.100.32 R/L	17012	29710



18.500

	PSC	Type	D	L	
Ref. 18.500.050.0075	50	Turning toolholder for square tool left/right hand	0.750	3.858	4.670
18.500.063.0075	63		0.750	3.937	5.290
18.500.063.0100	63		1.000	5.118	7.500
18.500.080.0125	80		1.250	5.512	11.840

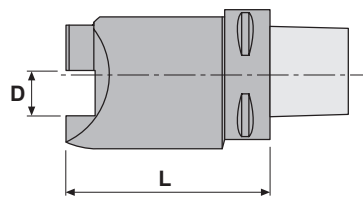
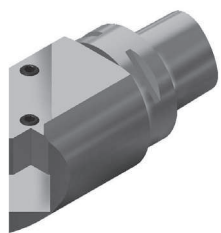
		
Ref. 18.500.050.0075	17207	29708
18.500.063.0075	17207	29708
18.500.063.0100	17210	29708
18.500.080.0150	17210	29710




18.510

Ref.	PSC	Type	D	L	kg
18.510.050.20 R/L	50	Turning toolholder for square tool left/right hand	20	100	1,700
18.510.063.20 R/L	63		20	100	2,200
18.510.063.25 R/L	63		25	130	-
18.510.080.32 R/L	80		32	135	6,500
18.510.100.32 R/L	100		32	145	-

Ref.	17110	29708
18.510.050.20 R/L	17110	29708
18.510.063.20 R/L	17110	29708
18.510.063.25 R/L	17012	29708
18.510.080.32 R/L	17012	29710
18.510.100.32 R/L	17012	29710

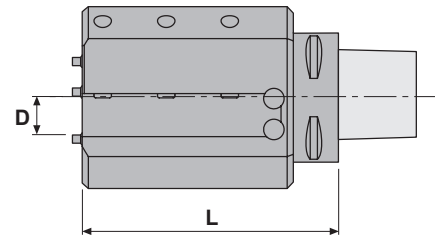
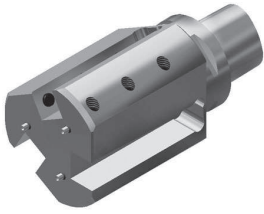


18.510

Ref.	PSC	Type	D	L	
18.510.050.0075	50	Turning toolholder for square tool left/right hand	0.750	3.791	3.750
18.510.063.0075	63		0.750	3.870	4.830
18.510.080.0125	80		1.250	5.307	14.990



Ref.	18.510.050.0075	17207	29708
	18.510.063.0075	17207	29708
	18.510.080.0125	17212	29710

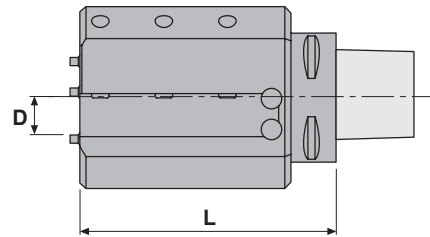
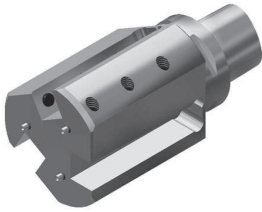


18.520

Ref.	PSC	Type	D	L	Kg
18.520.050.20 R/L	50	Multi purpose square toolholder	20	100	3,400
18.520.063.20 R/L	63		20	125	3,800
18.520.063.25 R/L	63		25	130	-
18.520.080.32 R/L	80		32	150	7,500
18.520.100.32 R/L	100		32	160	-



Ref.	17012	29708
18.520.050.20 R/L	17012	29708
18.520.063.20 R/L	17012	29708
18.520.063.25 R/L	17012	29708
18.520.080.32 R/L	17012	29710
18.520.100.32 R/L	17012	29710

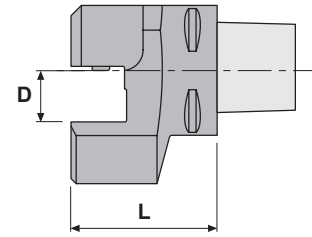
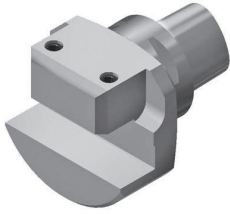


18.520

Ref.	PSC	Type	D	L	lbs
18.520.050.0075	50	Multi purpose square toolholder	0.750	4.842	7.850
18.520.063.0075	63		0.750	4.921	8.160
18.520.080.0125	80		1.250	5.906	17.010



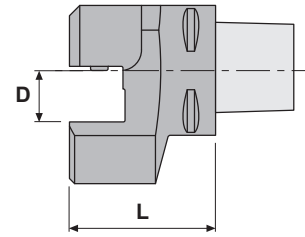
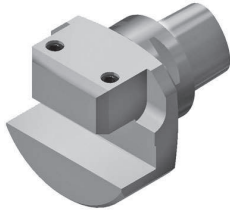
Ref.	18.520.050.0075	17207	29708
	18.520.063.0075	17207	29708
	18.520.080.0125	17212	29710



18.530

Ref.	PSC	Type	D	L	Kg
18.530.050.20	50	Multi purpose square toolholder	20	58	1,400
18.530.063.20	63		20	60	1,700
18.530.063.25	63		25	71	2,600
18.530.063.32	63		32	71	3,200
18.530.080.32	80		32	85	4,600
18.530.100.32	100		32	90	5,700

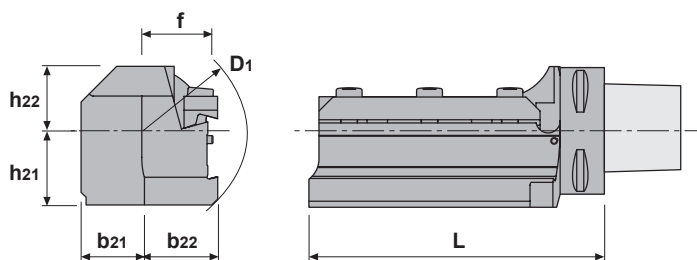
Ref.		
18.530.050.20	17112	29708
18.530.063.20	17112	29708
18.530.063.25	17012	29708
18.530.063.32	17012	29708
18.530.080.32	17012	29710
18.530.100.32	17012	29710




18.530

Ref.	PSC	Type	D	L	lbs
18.530.050.0075	50	Multi purpose square toolholder	0.750	2.244	3.020
18.530.063.0075	63		0.750	2.323	3.750
18.530.063.0100	63		1.000	2.795	5.650
18.530.080.0125	80		1.250	3.337	10.140

Ref.			
18.530.050.0075		17307	29708
18.530.063.0075		17307	29708
18.530.063.0100		17207	29708
18.530.080.0125		17207	29710

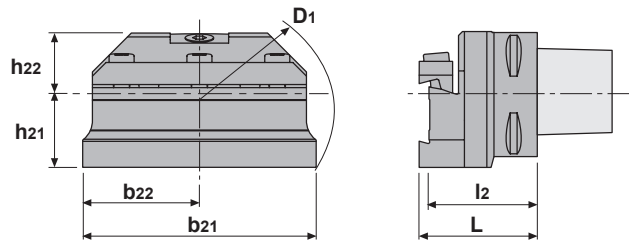
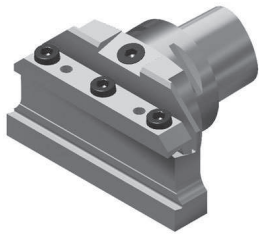


18.540


Ref.	PSC	D1	b21	b22	f	h21	h22	L	
18.540.050.26 R/L	50	87	25.5	31.0	26.0	30.0	26.0	95	1,300
18.540.063.32 R/L	63	106	32.0	37.0	32.0	38.0	32.0	147	3,220
18.540.080.32 R/L	80	122	40.0	45.5	40.5	40.5	40.5	155	5,200
18.540.100.32 R/L	100	160	50.0	55.5	50.5	60.5	50.0	175	-
18.540.100.52 R/L	100	180	50.0	55.5	50.5	65.5	50.0	300	-





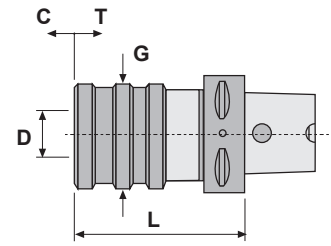
Ref.	18.540.050.26 R/L	80526	11308
	18.540.063.32 R/L	80632	11308
	18.540.080.32 R/L	80632	11308
	18.540.100.32 R/L	80632	11308
	18.540.100.52 R/L	81052	11308







18.550

	PSC	D1	b21	b22	h21	h22	L	l2	
Ref. 18.550.050.26	50	100	80	40.0	30.0	25.2	58	53	1,300
18.550.063.32	63	141	120	60.0	37.0	32.0	60	55	2,300
18.550.080.32	80	145	120	60.0	40.5	40.0	68	63	3,500
18.550.100.32	100	145	120	60.0	40.5	40.0	83	78	-
18.550.100.52	100	165	135	67.5	65.5	50.0	83	78	-

		
Ref. 18.550.050.26	80526	11308
18.550.063.32	81632	11308
18.550.080.32	81632	11308
18.550.100.32	81632	11308
18.550.100.52	81052	11308



18.620		PSC	G Nº. Ø		L	D	C	T			
Ref.	18.620.040.12	40	1 19	M3-M12	65	38	9	9	710XX	750XX	
	18.620.050.12	50	1 19	M3-M12	65	38	9	9	710XX	750XX	
	18.620.063.12	63	1 19	M3-M12	70	38	9	9	710XX	750XX	
	18.620.063.20	63	2 31	M8-M20	95	55	15	15	720XX	760XX	
	18.620.063.33	63	3 48	M14-M33	140	79	24	24	730XX	770XX	
	18.620.080.12	80	1 19	M3-M12	80	38	9	9	710XX	750XX	
	18.620.080.20	80	2 31	M8-M20	100	55	15	15	720XX	760XX	
	18.620.080.33	80	3 48	M14-M33	150	79	24	24	730XX	770XX	
	18.620.100.12	100	1 19	M3-M12	90	38	9	9	710XX	750XX	
	18.620.100.20	100	2 31	M8-M20	110	55	15	15	720XX	760XX	
	18.620.100.33	100	3 48	M14-M33	160	79	24	24	730XX	770XX	

COMPENSATION IN COMPRESSION (C) AND TENSION (T)

ACCESSORIES

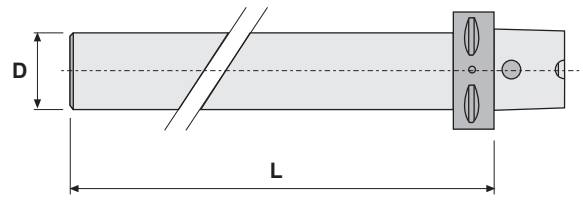
Ref.	710XX..730XX	Quick change adpaters without overload clutch.
	750XX..770XX	Quick change adpaters with overload clutch.




710XX..730XX

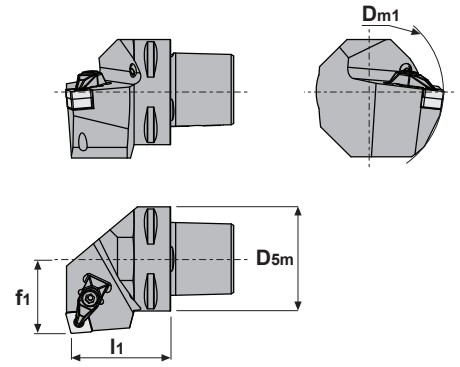
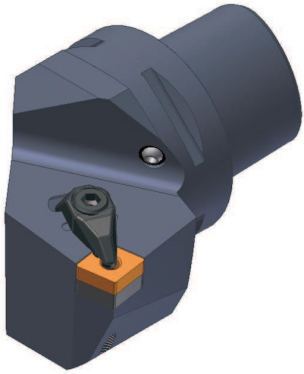


750XX..770XX



18.999

	PSC	D	L	
Ref. 18.999.050	50	40	300	
18.999.063	63	40	300	
18.999.080	80	50	300	
18.999.100	100	50	300	



DCKN 75°



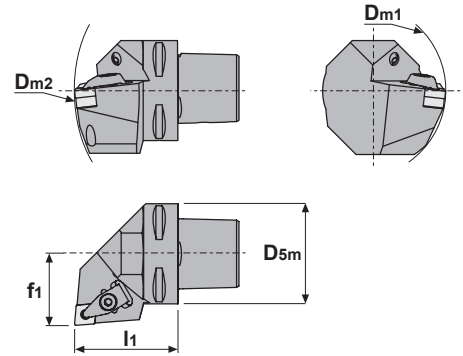
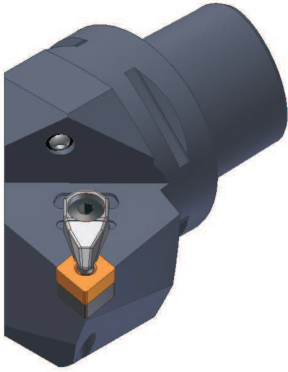
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-DCKNR/L27050-12	40	110	27.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-DCKNR/L35060-12	50	110	35.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-DCKNR/L45065-12	63	110	45.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC40-DCKNR/L27050-16	40	125	27.0	50.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-DCKNR/L35060-16	50	125	35.0	60.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-DCKNR/L45065-16	63	125	45.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-DCKNR/L45065-19	63	125	45.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-DCKNR/L55080-19	80	125	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

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

Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
CN.. 1204..	12,90	4,76	12,70					
CN.. 1606..	16,10	6,35	15,88					
CN.. 1906..	19,30	6,35	19,05					
CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM	









DCLN 95°















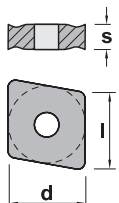
Characteristics:
PSC with internal coolant.

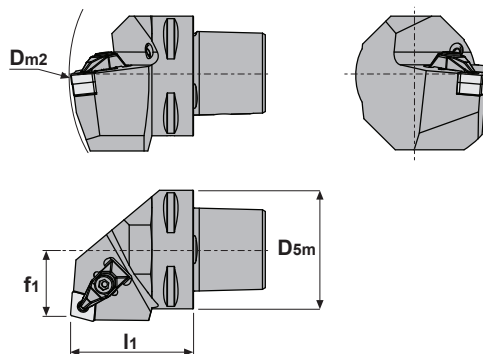
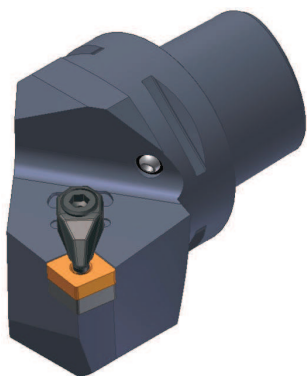
1) γ = Rake angle (valid a smooth insert).
2) λ_s = Angle of inclination.
3) Nm = Insert moment of force.

Ref.		D5m	Dm1 min.4)	Dm2 min.4)	f1	l1	$\gamma^1)$	$\lambda_s^2)$	Nm ³⁾	Insert	kg
PSC40-DCLNR/L27050-09		40	60	140	27.0	50.0	-6°	-6°	1.7	CN.. 0903..	
PSC40-DCLNR/L27050-12		40	110	140	27.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-DCLNR/L35060-12		50	110	165	35.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-DCLNR/L45065-12		63	110	190	45.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC80-DCLNR/L55080-12		80	110	250	55.0	80.0	-6°	-6°	3.9	CN.. 1204..	
PSC40-DCLNR/L27055-16		40	125	145	27.0	55.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-DCLNR/L35060-16		50	125	165	35.0	60.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-DCLNR/L45065-16		63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC80-DCLNR/L55080-16		80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-DCLNR/L35060-19		50	125	165	35.0	60.0	-6°	-6°	6.4	CN.. 1906..	
PSC63-DCLNR/L45065-19		63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-DCLNR/L55080-19		80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

Ref.							
PSC40-DCLNR/L27050-09		1764	ICSN-332	2708	1695	4294	5003
PSC40-DCLNR/L27050-12		1766	ICSN-442	2712	1696	4295	5004
PSC50-DCLNR/L35060-12		1766	ICSN-442	2712	1696	4295	5004
PSC63-DCLNR/L45065-12		1766	ICSN-442	2712	1696	4295	5004
PSC80-DCLNR/L55080-12		1766	ICSN-442	2712	1696	4295	5004
PSC40-DCLNR/L27055-16		1768	ICSN-533	2716	1696	4295	5004
PSC50-DCLNR/L35060-16		1768	ICSN-533	2716	1696	4295	5004
PSC63-DCLNR/L45065-16		1768	ICSN-533	2716	1696	4295	5004
PSC80-DCLNR/L55080-16		1768	ICSN-533	2716	1696	4295	5004
PSC50-DCLNR/L35060-19		1770	ICSN-633	2719	1696	4295	5004
PSC63-DCLNR/L45065-19		1770	ICSN-633	2719	1696	4295	5004
PSC80-DCLNR/L55080-19		1770	ICSN-633	2719	1696	4295	5004

Ref.	CN..			Negative 80° rhombic inserts.				
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
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					
	CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
								





DCRN 75°



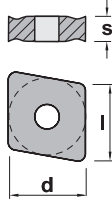
Characteristics:
PSC with internal coolant.

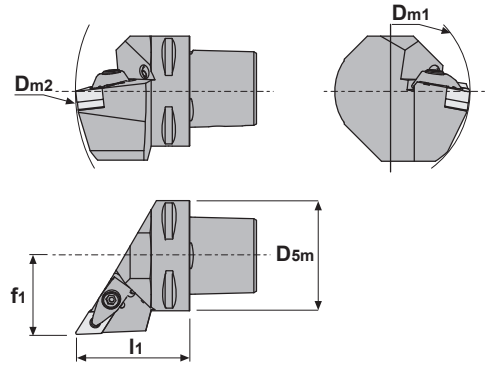
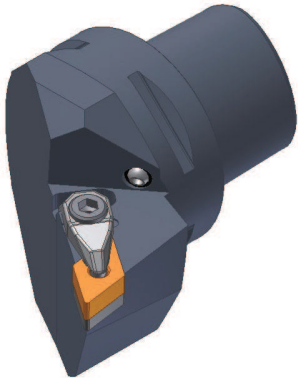
Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-DCRNR/L22050-12	PSC40-DCRNR/L22050-12	40	140	22.0	50.0	-6°	-6°	3.9	CN.. 1204..	
	PSC50-DCRNR/L27060-12	50	165	27.0	60.0	-6°	-6°	3.9	CN.. 1204..	
	PSC63-DCRNR/L35065-12	63	190	35.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-DCRNR/L27060-16	PSC50-DCRNR/L27060-16	50	165	27.0	60.0	-6°	-6°	6.4	CN.. 1606..	
	PSC63-DCRNR/L35065-16	63	190	35.0	65.0	-6°	-6°	6.4	CN.. 1606..	
	PSC80-DCRNR/L55080-16	80	250	55.0	80.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-DCRNR/L27060-19	PSC50-DCRNR/L27060-19	50	165	27.0	60.0	-6°	-6°	6.4	CN.. 1906..	
	PSC63-DCRNR/L35065-19	63	190	35.0	65.0	-6°	-6°	6.4	CN.. 1906..	
	PSC80-DCRNR/L55080-19	80	250	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

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

Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
	CN.. 1204..	12,90	4,76	12,70				
	CN.. 1606..	16,10	6,35	15,88				
	CN.. 1906..	19,30	6,35	19,05				
	CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM





DDJN 93°



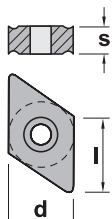
Characteristics:
PSC with internal coolant.

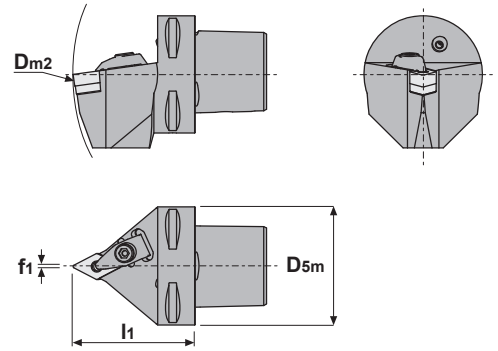
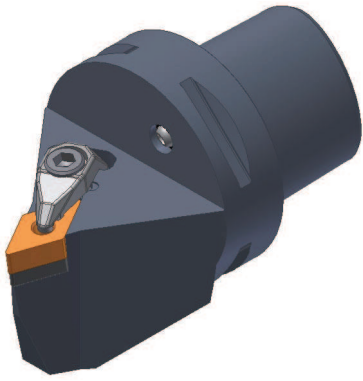
Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-DDJNR/L27050-11	PSC40-DDJNR/L27050-11	40	60	140	27.0	50.0	-6°	-7°	1.7	DN.. 1104..	
	PSC50-DDJNR/L35060-11	50	65	165	35.0	60.0	-6°	-7°	1.7	DN.. 1104..	
	PSC63-DDJNR/L45065-11	63	81	190	45.0	65.0	-6°	-7°	1.7	DN.. 1104..	
PSC40-DDJNR/L27055-15	PSC40-DDJNR/L27055-15	40	110	145	27.0	55.0	-6°	-7°	3.9	DN.. 1506..	
	PSC50-DDJNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
	PSC63-DDJNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
	PSC80-DDJNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-DDJNR/L27050-11	PSC40-DDJNR/L27050-11	1764	IDSN-322	2708	1695	4294	5003
	PSC50-DDJNR/L35060-11	1764	IDSN-322	2708	1695	4294	5003
	PSC63-DDJNR/L45065-11	1764	IDSN-322	2708	1695	4294	5003
PSC40-DDJNR/L27055-15	PSC40-DDJNR/L27055-15	1766	IDSN-432	2712	1696	4295	5004
	PSC50-DDJNR/L35060-15	1766	IDSN-432	2712	1696	4295	5004
	PSC63-DDJNR/L45065-15	1766	IDSN-432	2712	1696	4295	5004
	PSC80-DDJNR/L55080-15	1766	IDSN-432	2712	1696	4295	5004

Ref.	DN..	l		s		d		Negative 55° rhombic inserts.		
	DN.. 1104..	11,60	4,76	9,52	15,50	6,35	12,70	DNMA	DNMG-CF	
	DN.. 1506..									
		DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX			





DDNN 63°



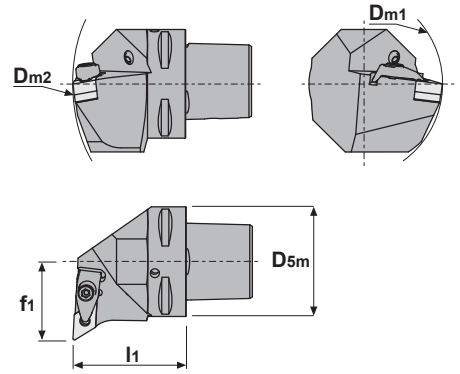
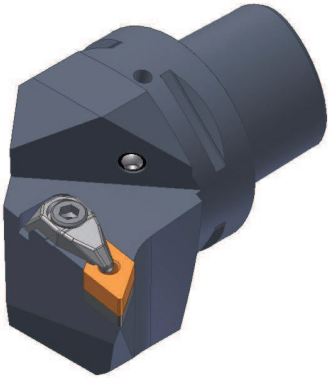
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-DDNNN00050-11		40	140	0.5	50.0	-5°	-9°	1.7	DN.. 1104..	
	PSC50-DDNNN00060-11	50	165	0.5	60.0	-5°	-9°	1.7	DN.. 1104..	
PSC40-DDNNN00055-15		40	145	0.5	55.0	-5°	-9°	3.9	DN.. 1506..	
	PSC50-DDNNN00060-15	50	165	0.5	60.0	-5°	-9°	3.9	DN.. 1506..	
PSC63-DDNNN00065-15		63	190	0.5	65.0	-5°	-9°	3.9	DN.. 1506..	
PSC80-DDNNN00080-15		80	250	0.5	80.0	-5°	-9°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= insert moment of force.

Ref.						
PSC40-DDNNN00050-11	1764	IDSN-322	2708	1695	4294	5003
PSC50-DDNNN00060-11	1764	IDSN-322	2708	1695	4294	5003
PSC40-DDNNN00055-15	1766	IDSN-432	2712	1696	4295	5004
PSC50-DDNNN00060-15	1766	IDSN-432	2712	1696	4295	5004
PSC63-DDNNN00065-15	1766	IDSN-432	2712	1696	4295	5004
PSC80-DDNNN00080-15	1766	IDSN-432	2712	1696	4295	5004

Ref.	DN..				Negative 55° rhombic inserts.		
	DN.. 1104..	DN.. 1506..	l	s	d	DNMA	DNMG-CF
			11,60	4,76	9,52		
			15,50	6,35	12,70		
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX	








DDUN 93°

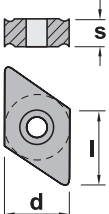


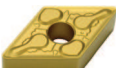






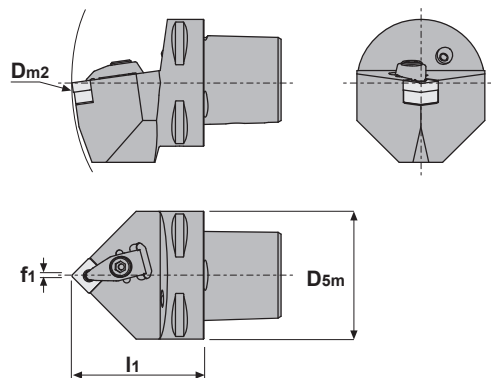
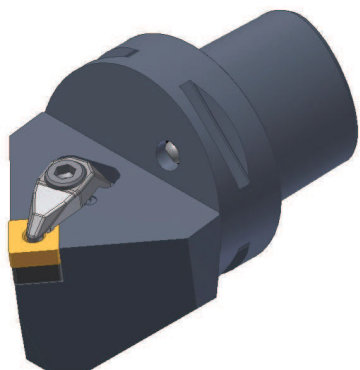
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-DDUNR/L27050-15	40	110	140	27.0	50.0	-6°	-7°	3.9	DN.. 1506..	
PSC50-DDUNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
PSC63-DDUNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
PSC80-DDUNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.
3) Nm = Insert moment of force.

Ref.						
PSC40-DDUNR/L27050-15	1766	IDSN-432	2712	1696	4295	5004
PSC50-DDUNR/L35060-15	1766	IDSN-432	2712	1696	4295	5004
PSC63-DDUNR/L45065-15	1766	IDSN-432	2712	1696	4295	5004
PSC80-DDUNR/L55080-15	1766	IDSN-432	2712	1696	4295	5004

	DN..				Negative 55° rhombic inserts.		
	Ref.	DN.. 1506..	l	s	d	DNMA	DNMG-CF
				15,50	6,35	12,70	
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX	
							



DSDN 45°



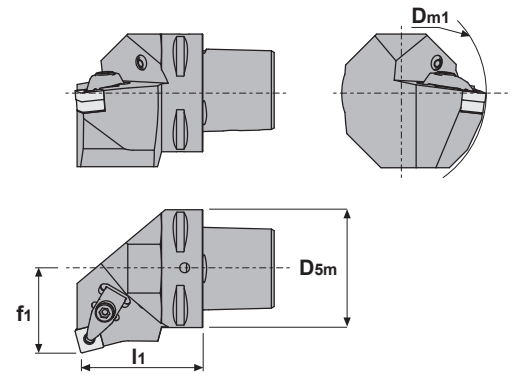
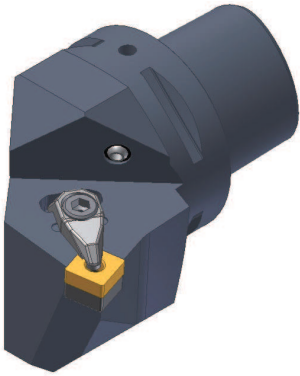
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	Kg
PSC40-DSDNN00050-12	PSC40-DSDNN00050-12	40	140	0.3	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-DSDNN00060-12	50	165	0.3	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-DSDNN00065-12	63	190	0.3	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-DSDNN00060-15	PSC50-DSDNN00060-15	50	165	0.5	60.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC63-DSDNN00065-15	63	190	0.5	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-DSDNN00065-19	PSC50-DSDNN00065-19	50	170	0.5	65.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-DSDNN00070-19	63	195	0.5	70.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-DSDNN00050-12	PSC40-DSDNN00050-12	1766	ISSN-442	2712	1696	4295	5004
	PSC50-DSDNN00060-12	1766	ISSN-442	2712	1696	4295	5004
	PSC63-DSDNN00065-12	1766	ISSN-442	2712	1696	4295	5004
PSC50-DSDNN00060-15	PSC50-DSDNN00060-15	1768	ISSN-533	2716	1696	4295	5004
	PSC63-DSDNN00065-15	1768	ISSN-533	2716	1696	4295	5004
PSC50-DSDNN00065-19	PSC50-DSDNN00065-19	1770	ISSN-633	2719	1696	4295	5004
	PSC63-DSDNN00070-19	1770	ISSN-633	2719	1696	4295	5004

Ref.	SNM..	l	s	d	Negative square inserts.	
	SNM.. 1204..	12,70	4,76	12,70		
SNM.. 1506..	15,88	6,35	15,88			
SNM.. 1906..	19,05	6,35	19,05			
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM	



DSKN 75°



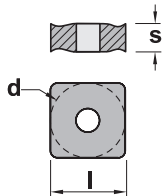
Characteristics:
PSC with internal coolant.

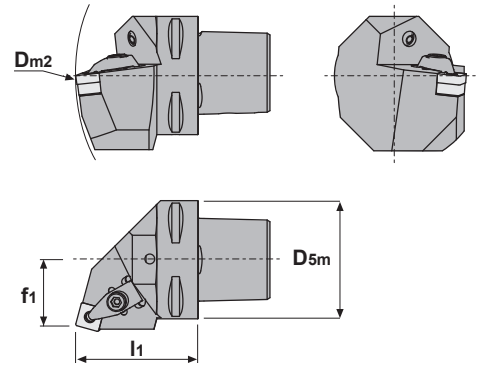
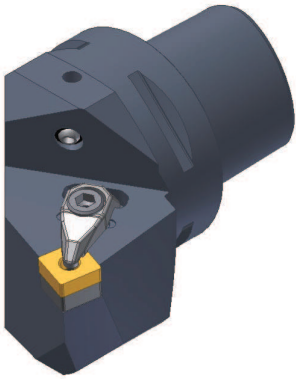
Ref.	D5m	Dm1 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-DSKNR/L27050-12	40	110	27.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-DSKNR/L35060-12	50	110	35.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
PSC63-DSKNR/L45065-12	63	110	45.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-DSKNR/L35060-15	50	125	35.0	60.0	-6°	-6°	6.4	SNM.. 1506..	
PSC63-DSKNR/L45065-15	63	125	45.0	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-DSKNR/L35060-19	50	125	35.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
PSC63-DSKNR/L45065-19	63	125	45.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-DSKNR/L55080-19	80	125	55.0	80.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.						
PSC40-DSKNR/L27050-12	1766	ISSN-442	2712	1696	4295	5004
PSC50-DSKNR/L35060-12	1766	ISSN-442	2712	1696	4295	5004
PSC63-DSKNR/L45065-12	1766	ISSN-442	2712	1696	4295	5004
PSC50-DSKNR/L35060-15	1768	ISSN-533	2716	1696	4295	5004
PSC63-DSKNR/L45065-15	1768	ISSN-533	2716	1696	4295	5004
PSC50-DSKNR/L35060-19	1770	ISSN-633	2719	1696	4295	5004
PSC63-DSKNR/L45065-19	1770	ISSN-633	2719	1696	4295	5004
PSC80-DSKNR/L55080-19	1770	ISSN-633	2719	1696	4295	5004

Ref.	SNM..				Negative square inserts.	
	SNM.. 1204..	SNM.. 1506..	SNM.. 1906..	l	s	d
				12,70	4,76	12,70
				15,88	6,35	15,88
				19,05	6,35	19,05
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM	





DSRN 75°



Characteristics:
PSC with internal coolant.

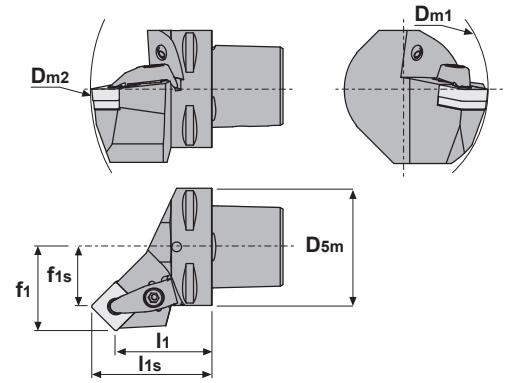
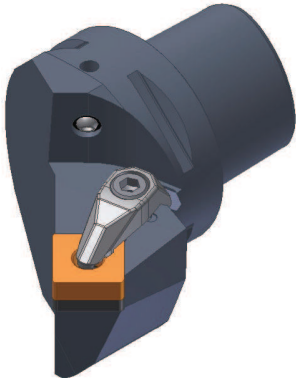
Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-DSRNR/L22050-12	PSC40-DSRNR/L22050-12	40	140	22.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-DSRNR/L27060-12	50	165	27.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-DSRNR/L35065-12	63	190	35.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-DSRNR/L27060-15	PSC50-DSRNR/L27060-15	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC63-DSRNR/L35065-15	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-DSRNR/L27060-19	PSC50-DSRNR/L27060-19	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-DSRNR/L35065-19	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-DSRNR/L45080-19	PSC80-DSRNR/L45080-19	80	250	45.0	80.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.							
PSC40-DSRNR/L22050-12	PSC40-DSRNR/L22050-12	1766	ISSN-442	2712	1696	4295	5004
	PSC50-DSRNR/L27060-12	1766	ISSN-442	2712	1696	4295	5004
	PSC63-DSRNR/L35065-12	1766	ISSN-442	2712	1696	4295	5004
PSC50-DSRNR/L27060-15	PSC50-DSRNR/L27060-15	1768	ISSN-533	2716	1696	4295	5004
	PSC63-DSRNR/L35065-15	1768	ISSN-533	2716	1696	4295	5004
PSC50-DSRNR/L27060-19	PSC50-DSRNR/L27060-19	1770	ISSN-633	2719	1696	4295	5004
	PSC63-DSRNR/L35065-19	1770	ISSN-633	2719	1696	4295	5004
	PSC80-DSRNR/L45080-19	1770	ISSN-633	2719	1696	4295	5004

Ref.	SNM..	l	s	d	Negative square inserts.				
	SNM.. 1204..	12,70	4,76	12,70					
SNM.. 1506..	15,88	6,35	15,88						
SNM.. 1906..	19,05	6,35	19,05						
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM				



DSSN 45°



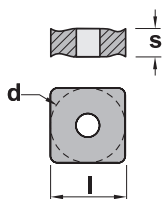
Characteristics:
PSC with internal coolant.

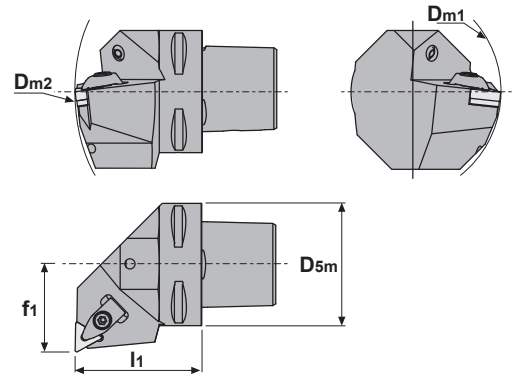
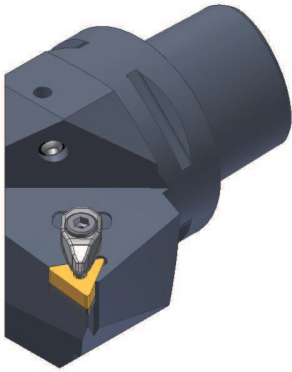
Ref.	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-DSSNR/L27042-12	40	110	140	27.0	18.7	42.0	50.3	-8°	-0°	3.9	SNM.. 1204..	
PSC50-DSSNR/L35052-12	50	110	165	35.0	26.7	52.0	60.3	-8°	-0°	3.9	SNM.. 1204..	
PSC63-DSSNR/L45056-12	63	110	190	45.0	36.7	56.0	64.3	-8°	-0°	3.9	SNM.. 1204..	
PSC40-DSSNR/L27045-15	40	125	145	27.0	16.8	45.0	55.2	-8°	-0°	6.4	SNM.. 1506..	
PSC50-DSSNR/L35050-15	50	125	165	35.0	24.8	50.0	60.2	-8°	-0°	6.4	SNM.. 1506..	
PSC63-DSSNR/L45054-15	63	125	190	45.0	34.8	54.0	64.2	-8°	-0°	6.4	SNM.. 1506..	
PSC50-DSSNR/L35048-19	50	125	165	35.0	22.5	48.0	60.5	-8°	-0°	6.4	SNM.. 1906..	
PSC63-DSSNR/L45052-19	63	125	190	45.0	32.5	52.0	64.5	-8°	-0°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.						
PSC40-DSSNR/L27042-12	1766	ISSN-442	2712	1696	4295	5004
PSC50-DSSNR/L35052-12	1766	ISSN-442	2712	1696	4295	5004
PSC63-DSSNR/L45056-12	1766	ISSN-442	2712	1696	4295	5004
PSC40-DSSNR/L27045-15	1768	ISSN-533	2716	1696	4295	5004
PSC50-DSSNR/L35050-15	1768	ISSN-533	2716	1696	4295	5004
PSC63-DSSNR/L45054-15	1768	ISSN-533	2716	1696	4295	5004
PSC50-DSSNR/L35048-19	1770	ISSN-633	2719	1696	4295	5004
PSC63-DSSNR/L45052-19	1770	ISSN-633	2719	1696	4295	5004

Ref.	SNM..	l	s	d	Negative square inserts.					
	SNM.. 1204..	12,70	4,76	12,70						
SNM.. 1506..	15,88	6,35	15,88							
SNM.. 1906..	19,05	6,35	19,05							
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM					





DTFN 90°



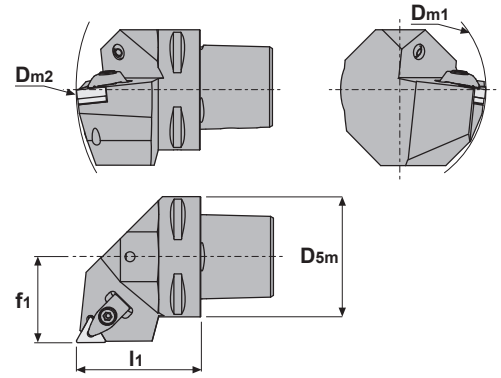
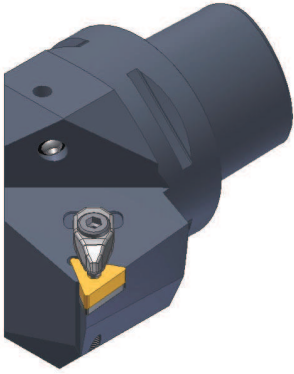
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
	PSC40-DTFNR/L27050-16	40	110	140	27.0	50.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC50-DTFNR/L35060-16	50	110	165	35.0	60.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC63-DTFNR/L45065-16	63	110	190	45.0	65.0	-6°	-6°	1.7	TNM.. 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
	PSC40-DTFNR/L27050-16	1764	ITSN-342	2708	1695	4294	5003
	PSC50-DTFNR/L35060-16	1764	ITSN-342	2708	1695	4294	5003
	PSC63-DTFNR/L45065-16	1764	ITSN-342	2708	1695	4294	5003

	TNM..				Negative triangular inserts.			
	Ref.	TNM.. 1604..	l	s	d	TNMA	TNMG-CF	TNMG-CFC
				16,50	4,76	9,52		
	TNMG-CFM	TNMG-CM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMG-CS	TNMX R/L	



DTGN 90°



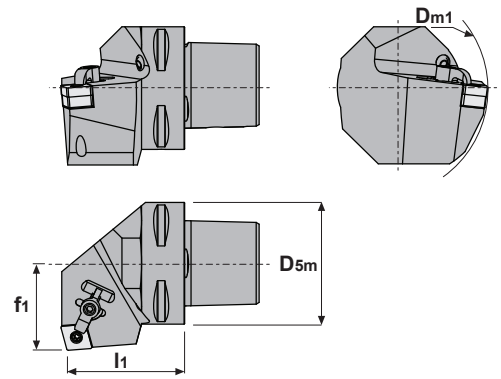
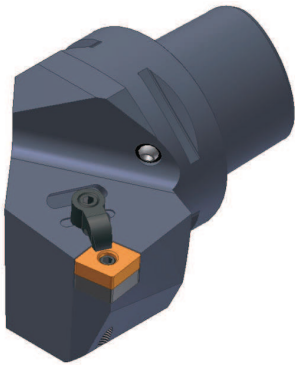
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
	PSC40-DTGNR/L27050-16	40	110	140	27.0	50.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC50-DTGNR/L35060-16	50	110	165	35.0	60.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC63-DTGNR/L45065-16	63	110	190	45.0	65.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC63-DTGNR/L45065-22	63	110	190	45.0	65.0	-6°	-6°	3.9	TNM.. 2204..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
	PSC40-DTGNR/L27050-16	1764	ITSN-342	2708	1695	4294	5003
	PSC50-DTGNR/L35060-16	1764	ITSN-342	2708	1695	4294	5003
	PSC63-DTGNR/L45065-16	1764	ITSN-342	2708	1695	4294	5003
	PSC63-DTGNR/L45065-22	1766	ITSN-442	2712	1696	4295	5004

	TNM..				Negative triangular inserts.		
	Ref.	l	s	d	TNMA	TNMG-CF	TNMG-CFC
	TNM.. 1604..	16,50	4,76	9,52			
TNM.. 2204..	22,00	4,76	12,70				
TNMG-CFM	TNMG-CM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMG-CS	TNMX R/L	



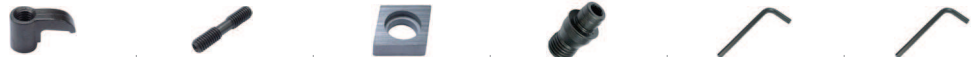
MCKN 75°



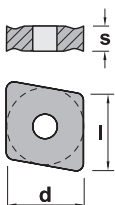
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MCKNR/L27050-12	40	110	27.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-MCKNR/L35060-12	50	110	35.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-MCKNR/L45065-12	63	110	45.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC40-MCKNR/L27050-16	40	125	27.0	50.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-MCKNR/L35060-16	50	125	35.0	60.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-MCKNR/L45065-16	63	125	45.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-MCKNR/L45065-19	63	125	45.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-MCKNR/L55080-19	80	125	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

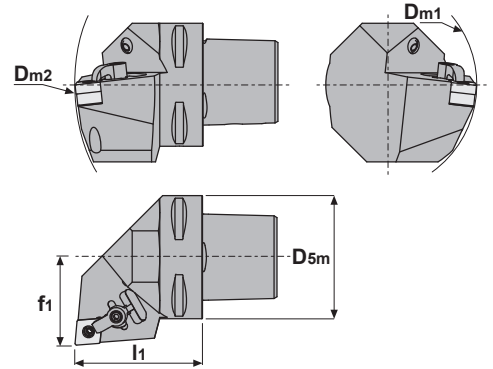
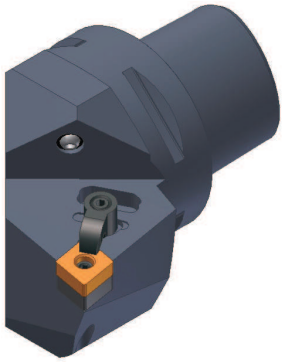
1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.	2613	1086	ICSN-442	1666	5003	5025
PSC40-MCKNR/L27050-12	2613	1086	ICSN-442	1666	5003	5025
PSC50-MCKNR/L35060-12	2613	1086	ICSN-442	1666	5003	5025
PSC63-MCKNR/L45065-12	2613	1086	ICSN-442	1666	5003	5025
PSC40-MCKNR/L27050-16	2614	1086	ICSN-533	1668	5003	5003
PSC50-MCKNR/L35060-16	2614	1086	ICSN-533	1668	5003	5003
PSC63-MCKNR/L45065-16	2614	1086	ICSN-533	1668	5003	5003
PSC63-MCKNR/L45065-19	2614	1086	ICSN-633	1670	5003	5004
PSC80-MCKNR/L55080-19	2614	1086	ICSN-633	1670	5003	5004



Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
CN.. 1204..	12,90	4,76	12,70					
CN.. 1606..	16,10	6,35	15,88					
CN.. 1906..	19,30	6,35	19,05					
CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM	



MCLN 95°



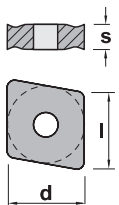
Characteristics:
PSC with internal coolant.

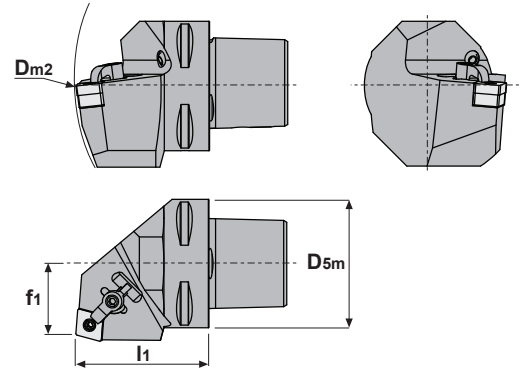
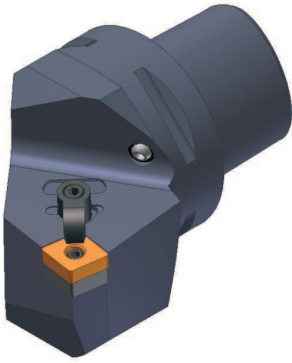
Ref.		D5m	Dm1 min.4)	Dm2 min.4)	f1	l1	y1)	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-MCLNR/L27050-09		40	60	140	27.0	50.0	-6°	-6°	1.7	CN.. 0903..	
PSC40-MCLNR/L27050-12		40	110	140	27.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-MCLNR/L35060-12		50	110	165	35.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-MCLNR/L45065-12		63	110	190	45.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC80-MCLNR/L55080-12		80	110	250	55.0	80.0	-6°	-6°	3.9	CN.. 1204..	
PSC40-MCLNR/L27055-16		40	125	145	27.0	55.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-MCLNR/L35060-16		50	125	165	35.0	60.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-MCLNR/L45065-16		63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC80-MCLNR/L55080-16		80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-MCLNR/L35060-19		50	125	165	35.0	60.0	-6°	-6°	6.4	CN.. 1906..	
PSC63-MCLNR/L45065-19		63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-MCLNR/L55080-19		80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-MCLNR/L27050-09		2604	1085	ICSN-332	1665	5025	5002
PSC40-MCLNR/L27050-12		2613	1086	ICSN-442	1666	5003	5025
PSC50-MCLNR/L35060-12		2613	1086	ICSN-442	1666	5003	5025
PSC63-MCLNR/L45065-12		2613	1086	ICSN-442	1666	5003	5025
PSC80-MCLNR/L55080-12		2613	1086	ICSN-442	1666	5003	5025
PSC40-MCLNR/L27055-16		2614	1086	ICSN-533	1668	5003	5003
PSC50-MCLNR/L35060-16		2614	1086	ICSN-533	1668	5003	5003
PSC63-MCLNR/L45065-16		2614	1086	ICSN-533	1668	5003	5003
PSC80-MCLNR/L55080-16		2614	1086	ICSN-533	1668	5003	5003
PSC50-MCLNR/L35060-19		2614	1086	ICSN-633	1670	5003	5004
PSC63-MCLNR/L45065-19		2614	1086	ICSN-633	1670	5003	5004
PSC80-MCLNR/L55080-19		2614	1086	ICSN-633	1670	5003	5004

Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
CN.. 1204..	12,90	4,76	12,70					
CN.. 1606..	16,10	6,35	15,88					
CN.. 1906..	19,30	6,35	19,05					
CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM	





MCRN 75°



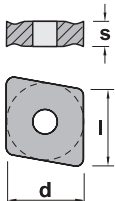
Characteristics:
PSC with internal coolant.

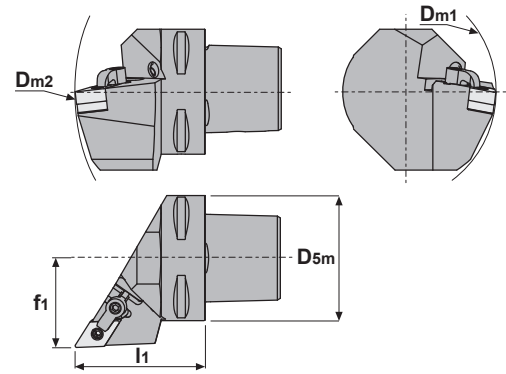
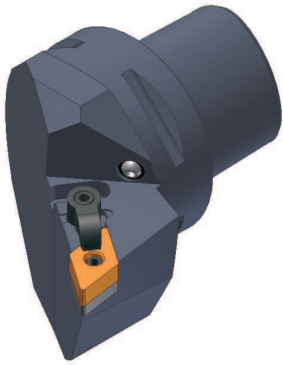
Ref.	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MCRNR/L22050-12	40	140	22.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-MCRNR/L27060-12	50	165	27.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-MCRNR/L35065-12	63	190	35.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-MCRNR/L27060-16	50	165	27.0	60.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-MCRNR/L35065-16	63	190	35.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC80-MCRNR/L55080-16	80	250	55.0	80.0	-6°	-6°	6.4	CN.. 1606..	
PSC50-MCRNR/L27060-19	50	165	27.0	60.0	-6°	-6°	6.4	CN.. 1906..	
PSC63-MCRNR/L35065-19	63	190	35.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-MCRNR/L55080-19	80	250	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.						
PSC40-MCRNR/L22050-12	2613	1086	5025	ICSN-442	1666	5003
PSC50-MCRNR/L27060-12	2613	1086	5025	ICSN-442	1666	5003
PSC63-MCRNR/L35065-12	2613	1086	5025	ICSN-442	1666	5003
PSC50-MCRNR/L27060-16	2614	1086	5003	ICSN-533	1668	5003
PSC63-MCRNR/L35065-16	2614	1086	5003	ICSN-533	1668	5003
PSC80-MCRNR/L55080-16	2614	1086	5003	ICSN-533	1668	5003
PSC50-MCRNR/L27060-19	2614	1086	5004	ICSN-633	1670	5003
PSC63-MCRNR/L35065-19	2614	1086	5004	ICSN-633	1670	5003
PSC80-MCRNR/L55080-19	2614	1086	5004	ICSN-633	1670	5003

Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
CN.. 1204..	12,90	4,76	12,70					
CN.. 1606..	16,10	6,35	15,88					
CN.. 1906..	19,30	6,35	19,05					
CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM	





MDJN 93°



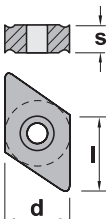
Characteristics:
PSC with internal coolant.

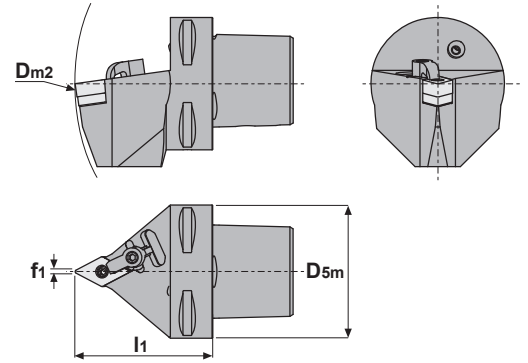
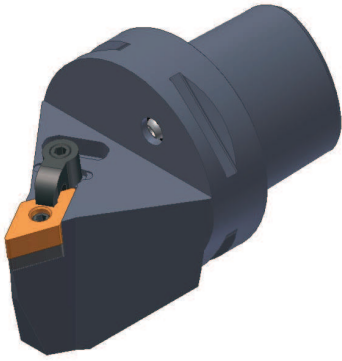
Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-MDJNR/L27050-11	PSC40-MDJNR/L27050-11	40	60	140	27.0	50.0	-6°	-7°	1.7	DN.. 1104..	
	PSC50-MDJNR/L35060-11	50	65	165	35.0	60.0	-6°	-7°	1.7	DN.. 1104..	
	PSC63-MDJNR/L45065-11	63	81	190	45.0	65.0	-6°	-7°	1.7	DN.. 1104..	
PSC40-MDJNR/L27055-15	PSC40-MDJNR/L27055-15	40	110	145	27.0	55.0	-6°	-7°	3.9	DN.. 1506..	
	PSC50-MDJNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
	PSC63-MDJNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
	PSC80-MDJNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-MDJNR/L27050-11	PSC40-MDJNR/L27050-11	2604	1085	5025	IDSN-322	1665	5002
	PSC50-MDJNR/L35060-11	2604	1085	5025	IDSN-322	1665	5002
	PSC63-MDJNR/L45065-11	2604	1085	5025	IDSN-322	1665	5002
PSC40-MDJNR/L27055-15	PSC40-MDJNR/L27055-15	2614	1086	5003	IDSN-432	1666	5025
	PSC50-MDJNR/L35060-15	2614	1086	5003	IDSN-432	1666	5025
	PSC63-MDJNR/L45065-15	2614	1086	5003	IDSN-432	1666	5025
	PSC80-MDJNR/L55080-15	2614	1086	5003	IDSN-432	1666	5025

Ref.	DN..	l	s	d	Negative 55° rhombic inserts.	
	DN.. 1104..	11,60	4,76	9,52		
DN.. 1506..	15,50	6,35	12,70			
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX





MDNN 63°



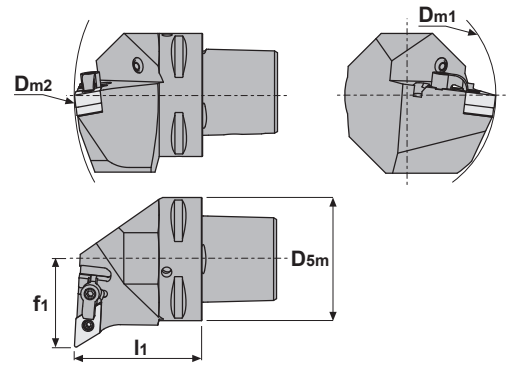
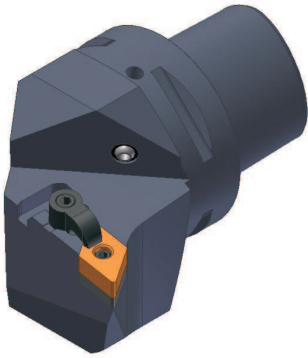
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MDNNN00050-11	40	140	0.5	50.0	-5°	-9°	1.7	DN.. 1104..	
PSC50-MDNNN00060-11	50	165	0.5	60.0	-5°	-9°	1.7	DN.. 1104..	
PSC40-MDNNN00055-15	40	145	0.5	55.0	-5°	-9°	3.9	DN.. 1506..	
PSC50-MDNNN00060-15	50	165	0.5	60.0	-5°	-9°	3.9	DN.. 1506..	
PSC63-MDNNN00065-15	63	190	0.5	65.0	-5°	-9°	3.9	DN.. 1506..	
PSC80-MDNNN00080-15	80	250	0.5	80.0	-5°	-9°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= insert moment of force.

Ref.						
PSC40-MDNNN00050-11	2604	1085	5025	IDSN-322	1665	5002
PSC50-MDNNN00060-11	2604	1085	5025	IDSN-322	1665	5002
PSC40-MDNNN00055-15	2614	1086	5003	IDSN-432	1666	5025
PSC50-MDNNN00060-15	2614	1086	5003	IDSN-432	1666	5025
PSC63-MDNNN00065-15	2614	1086	5003	IDSN-432	1666	5025
PSC80-MDNNN00080-15	2614	1086	5003	IDSN-432	1666	5025

Ref.	DN..				Negative 55° rhombic inserts.		
	DN.. 1104..	DN.. 1506..	l	s	d	DNMA	DNMG-CF
			11,60	4,76	9,52		
			15,50	6,35	12,70		
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX	



MDUN 93°



Characteristics:
PSC with internal coolant.

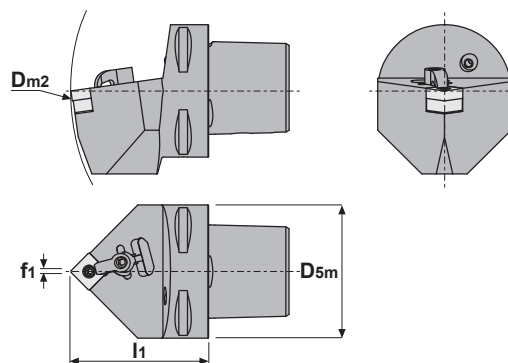
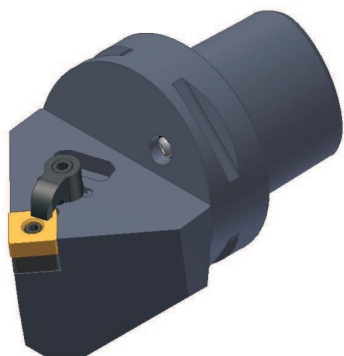
Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
	PSC40-MDUNR/L27050-15	40	110	140	27.0	50.0	-6°	-7°	3.9	DN.. 1506..	
	PSC50-MDUNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
	PSC63-MDUNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
	PSC80-MDUNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.		2614	1086	5003	IDSN-432	1666	5025
	PSC40-MDUNR/L27050-15	2614	1086	5003	IDSN-432	1666	5025
	PSC50-MDUNR/L35060-15	2614	1086	5003	IDSN-432	1666	5025
	PSC63-MDUNR/L45065-15	2614	1086	5003	IDSN-432	1666	5025
	PSC80-MDUNR/L55080-15	2614	1086	5003	IDSN-432	1666	5025

	DN..				Negative 55° rhombic inserts.		
	Ref.	DN.. 1506..	l	s	d	DNMA	DNMG-CF
				15,50	6,35	12,70	
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX	



MSDN 45°



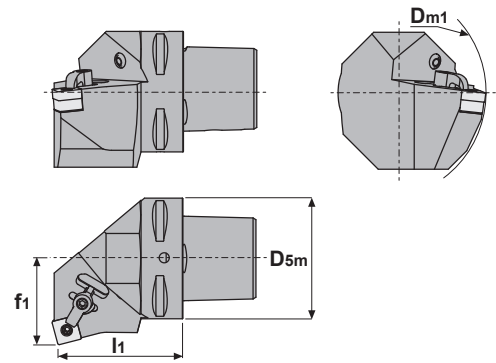
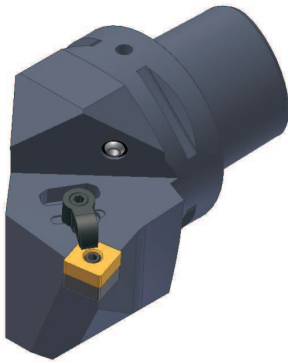
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm2 min.	f1	l1	y1)	λs2)	Nm3)	Insert	kg
PSC40-MSDNN00050-12	40	140	0.3	50.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-MSDNN00060-12	50	165	0.3	60.0	-6°	-6°	3.9	SNM.. 1204..	
PSC63-MSDNN00065-12	63	190	0.3	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-MSDNN00060-15	50	165	0.5	60.0	-6°	-6°	6.4	SNM.. 1508..	
PSC63-MSDNN00065-15	63	190	0.5	65.0	-6°	-6°	6.4	SNM.. 1508..	
PSC50-MSDNN00065-19	50	170	0.5	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC63-MSDNN00070-19	63	195	0.5	70.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-MSDNN00050-12	2613	1086	5003	ISSN-442	1666	5025	
PSC50-MSDNN00060-12	2613	1086	5003	ISSN-442	1666	5025	
PSC63-MSDNN00065-12	2613	1086	5003	ISSN-442	1666	5025	
PSC50-MSDNN00060-15	2614	1086	5003	ISSN-533	1668	5003	
PSC63-MSDNN00065-15	2614	1086	5003	ISSN-533	1668	5003	
PSC50-MSDNN00065-19	2614	1086	5003	ISSN-633	1670	5004	
PSC63-MSDNN00070-19	2614	1086	5003	ISSN-633	1670	5004	

Ref.	SNM..	l	s	d	Negative square inserts.				
	SNM.. 1204..	12,70	4,76	12,70					
SNM.. 1506..	15,88	6,35	15,88						
SNM.. 1906..	19,05	6,35	19,05						
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM				



MSKN 75°



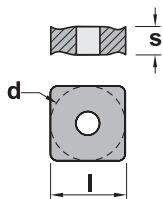
Characteristics:
PSC with internal coolant.

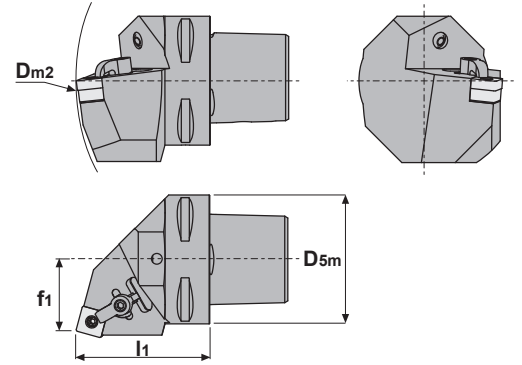
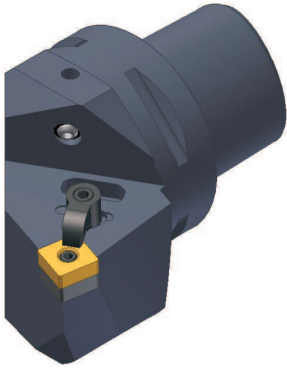
Ref.		D5m	Dm1 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MSKNR/L27050-12	PSC40-MSKNR/L27050-12	40	110	27.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-MSKNR/L35060-12	50	110	35.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-MSKNR/L45065-12	63	110	45.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-MSKNR/L35060-15	PSC50-MSKNR/L35060-15	50	125	35.0	60.0	-6°	-6°	6.4	SNM..1506..	
	PSC63-MSKNR/L45065-15	63	125	45.0	65.0	-6°	-6°	6.4	SNM..1506..	
PSC50-MSKNR/L35060-19	PSC50-MSKNR/L35060-19	50	125	35.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-MSKNR/L45065-19	63	125	45.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-MSKNR/L55080-19	PSC80-MSKNR/L55080-19	80	125	55.0	80.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-MSKNR/L27050-12	PSC40-MSKNR/L27050-12	2613	1086	5003	ISSN-442	1666	5025
	PSC50-MSKNR/L35060-12	2613	1086	5003	ISSN-442	1666	5025
	PSC63-MSKNR/L45065-12	2613	1086	5003	ISSN-442	1666	5025
PSC50-MSKNR/L35060-15	PSC50-MSKNR/L35060-15	2614	1086	5003	ISSN-533	1668	5003
	PSC63-MSKNR/L45065-15	2614	1086	5003	ISSN-533	1668	5003
PSC50-MSKNR/L35060-19	PSC50-MSKNR/L35060-19	2614	1086	5003	ISSN-633	1670	5004
	PSC63-MSKNR/L45065-19	2614	1086	5003	ISSN-633	1670	5004
PSC80-MSKNR/L55080-19	PSC80-MSKNR/L55080-19	2614	1086	5003	ISSN-633	1670	5004

Ref.	SNM..	l	s	d	Negative square inserts.					
	SNM.. 1204..	12,70	4,76	12,70						
SNM.. 1506..	15,88	6,35	15,88							
SNM.. 1906..	19,05	6,35	19,05							
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM					





MSRNR 75°



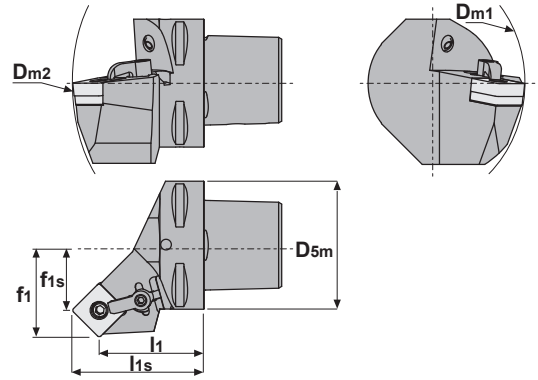
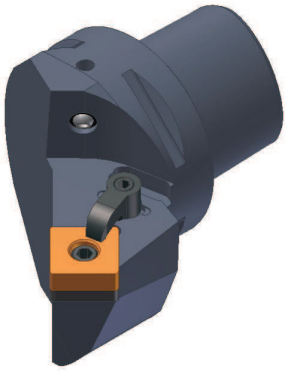
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MSRNR/L22050-12	PSC40-MSRNR/L22050-12	40	140	22.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-MSRNR/L27060-12	50	165	27.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-MSRNR/L35065-12	63	190	35.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-MSRNR/L27060-15	PSC50-MSRNR/L27060-15	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC63-MSRNR/L35065-15	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-MSRNR/L27060-19	PSC50-MSRNR/L27060-19	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-MSRNR/L35065-19	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-MSRNR/L45080-19	PSC80-MSRNR/L45080-19	80	250	45.0	80.0	-6°	-6°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-MSRNR/L22050-12	PSC40-MSRNR/L22050-12	2613	1086	5003	ISSN-442	1666	5025
	PSC50-MSRNR/L27060-12	2613	1086	5003	ISSN-442	1666	5025
	PSC63-MSRNR/L35065-12	2613	1086	5003	ISSN-442	1666	5025
PSC50-MSRNR/L27060-15	PSC50-MSRNR/L27060-15	2614	1086	5003	ISSN-533	1668	5003
	PSC63-MSRNR/L35065-15	2614	1086	5003	ISSN-533	1668	5003
PSC50-MSRNR/L27060-19	PSC50-MSRNR/L27060-19	2614	1086	5003	ISSN-633	1670	5004
	PSC63-MSRNR/L35065-19	2614	1086	5003	ISSN-633	1670	5004
PSC80-MSRNR/L45080-19	PSC80-MSRNR/L45080-19	2614	1086	5003	ISSN-633	1670	5004

Ref.	SNM..	l	s	d	Negative square inserts.				
	SNM.. 1204..	12,70	4,76	12,70					
SNM.. 1506..	15,88	6,35	15,88						
SNM.. 1906..	19,05	6,35	19,05						
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM				



MSSN 45°



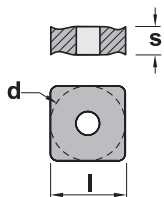
Characteristics:
PSC with internal coolant.

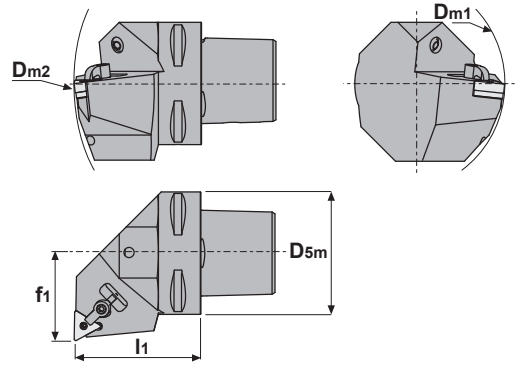
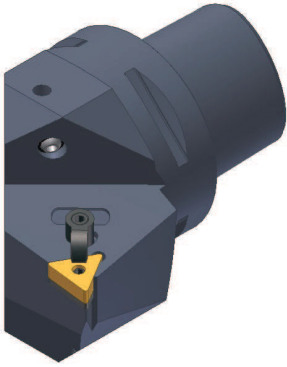
Ref.	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-MSSNR/L27042-12	40	110	140	27.0	18.7	42.0	50.3	-8°	-0°	3.9	SNM.. 1204..	
PSC50-MSSNR/L35052-12	50	110	165	35.0	26.7	52.0	60.3	-8°	-0°	3.9	SNM.. 1204..	
PSC63-MSSNR/L45056-12	63	110	190	45.0	36.7	56.0	64.3	-8°	-0°	3.9	SNM.. 1204..	
PSC40-MSSNR/L27045-15	40	125	145	27.0	16.8	45.0	55.2	-8°	-0°	6.4	SNM.. 1506..	
PSC50-MSSNR/L35050-15	50	125	165	35.0	24.8	50.0	60.2	-8°	-0°	6.4	SNM.. 1506..	
PSC63-MSSNR/L45054-15	63	125	190	45.0	34.8	54.0	64.2	-8°	-0°	6.4	SNM.. 1506..	
PSC50-MSSNR/L35048-19	50	125	165	35.0	22.5	48.0	60.5	-8°	-0°	6.4	SNM.. 1906..	
PSC63-MSSNR/L45052-19	63	125	190	45.0	32.5	52.0	64.5	-8°	-0°	6.4	SNM.. 1906..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.						
PSC40-MSSNR/L27042-12	2613	1086	5003	ISSN-442	1666	5025
PSC50-MSSNR/L35052-12	2613	1086	5003	ISSN-442	1666	5025
PSC63-MSSNR/L45056-12	2613	1086	5003	ISSN-442	1666	5025
PSC40-MSSNR/L27045-15	2614	1086	5003	ISSN-533	1668	5003
PSC50-MSSNR/L35050-15	2614	1086	5003	ISSN-533	1668	5003
PSC63-MSSNR/L45054-15	2614	1086	5003	ISSN-533	1668	5003
PSC50-MSSNR/L35048-19	2614	1086	5003	ISSN-633	1670	5004
PSC63-MSSNR/L45052-19	2614	1086	5003	ISSN-633	1670	5004

Ref.	SNM..				Negative square inserts.	
	SNM.. 1204..	SNM.. 1506..	SNM.. 1906..	l	s	d
				12,70	4,76	12,70
				15,88	6,35	15,88
				19,05	6,35	19,05
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM	





MTFN 90°



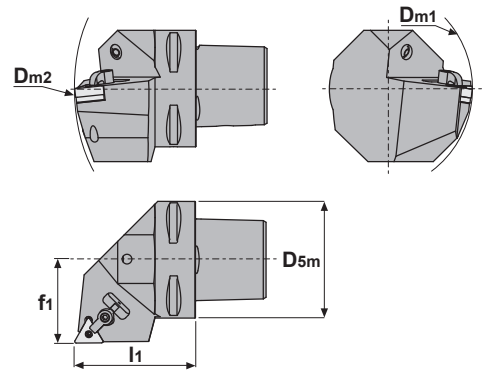
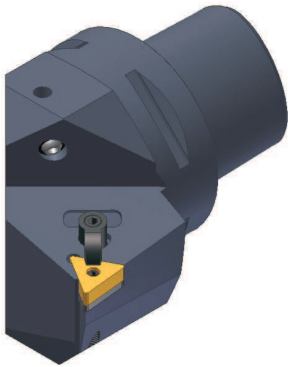
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
	PSC40-MTFNR/L27050-16	40	110	140	27.0	50.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC50-MTFNR/L35060-16	50	110	165	35.0	60.0	-6°	-6°	1.7	TNM.. 1604..	
	PSC63-MTFNR/L45065-16	63	110	190	45.0	65.0	-6°	-6°	1.7	TNM.. 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
	PSC40-MTFNR/L27050-16	2604	1085	5025	ITSN-342	1665	5002
	PSC50-MTFNR/L35060-16	2604	1085	5025	ITSN-342	1665	5002
	PSC63-MTFNR/L45065-16	2604	1085	5025	ITSN-342	1665	5002

	TNM..				Negative triangular inserts.		
	Ref.	l	s	d	TNMA	TNMG-CF	TNMG-CFC
	TNM.. 1604..	16,50	4,76	9,52			
TNMG-CFM	TNMG-CM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMG-CS	TNMX R/L	



MTGN 90°



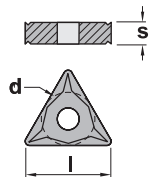
Characteristics:
PSC with internal coolant.

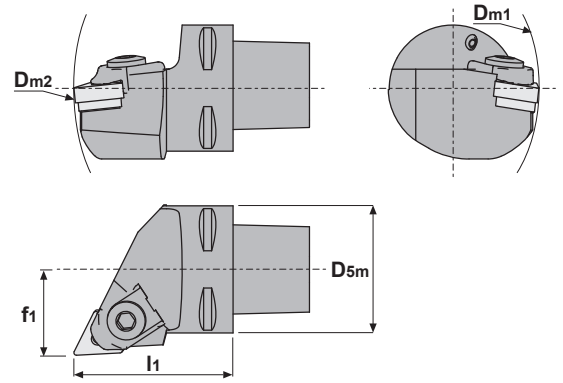
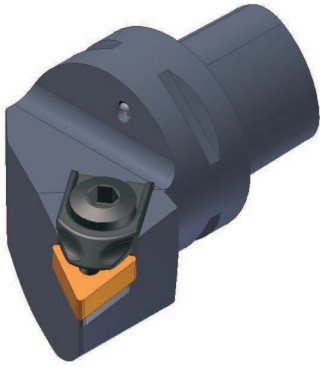
Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-MTGNR/L27050-16	40	110	140	27.0	50.0	-6°	-6°	1.7	TNM.. 1604..	
PSC50-MTGNR/L35060-16	50	110	165	35.0	60.0	-6°	-6°	1.7	TNM.. 1604..	
PSC63-MTGNR/L45065-16	63	110	190	45.0	65.0	-6°	-6°	1.7	TNM.. 1604..	
PSC63-MTGNR/L45065-22	63	110	190	45.0	65.0	-6°	-6°	3.9	TNM.. 2204..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.						
PSC40-MTGNR/L27050-16	2604	1085	5025	ITSN-342	1665	5002
PSC50-MTGNR/L35060-16	2604	1085	5025	ITSN-342	1665	5002
PSC63-MTGNR/L45065-16	2604	1085	5025	ITSN-342	1665	5002
PSC63-MTGNR/L45065-22	2613	1086	5003	ITSN-442	1666	5025

Ref.	TNM..				Negative triangular inserts.			
	TNM.. 1604..	TNM.. 2204..	l	s	d	TNMA	TNMG-CF	TNMG-CFC
			16,50	4,76	9,52			
			22,00	4,76	12,70			





MTJN 93°



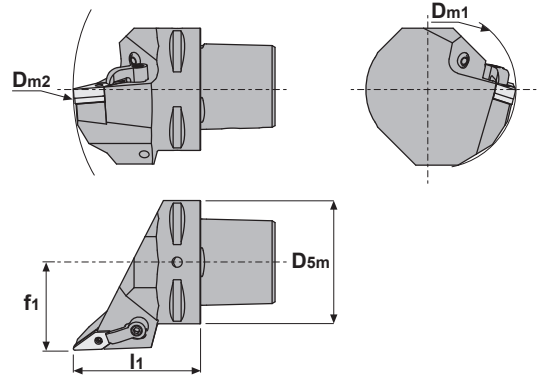
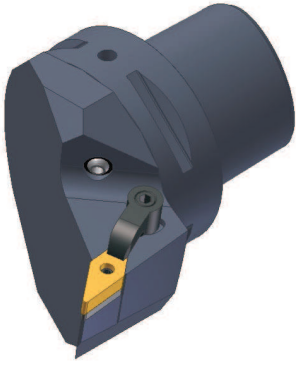
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-MTJNR/L27050-16	40	110	140	27.0	50.0	-6°	-6°	1.7	TNM.. 1604..	
PSC50-MTJNR/L35060-16	50	110	165	35.0	60.0	-6°	-6°	1.7	TNM.. 1604..	
PSC63-MTJNR/L45065-16	63	110	190	45.0	65.0	-6°	-6°	1.7	TNM.. 1604..	
PSC63-MTJNR/L45065-22	63	110	190	45.0	65.0	-6°	-6°	3.9	TNM.. 2204..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.					
PSC40-MTJNR/L27050-16	2014	5005	3414	1642	1393
PSC50-MTJNR/L35060-16	2014	5005	3414	1642	1393
PSC63-MTJNR/L45065-16	2014	5005	3414	1642	1393
PSC63-MTJNR/L45065-22	2024	5005	ITSN-433	1661	1394

	TNM..				Negative triangular inserts.					
	Ref.	l	s	d	TNMA	TNMG-CF	TNMG-CFC			
	TNM.. 1604..	16,50	4,76	9,52						
TNM.. 2204..	22,00	4,76	12,70							



MVJN 93°



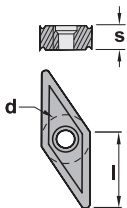
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-MVJNR/L27062-16	40	60	152	27.0	62.0	-4°	-13°	3.0	VN.. 1604..	
PSC50-MVJNR/L35065-16	50	65	170	35.0	65.0	-4°	-13°	3.0	VN.. 1604..	
PSC63-MVJNR/L45065-16	63	81	190	45.0	65.0	-4°	-13°	3.0	VN.. 1604..	
PSC80-MVJNR/L55080-16	80	100	250	55.0	80.0	-4°	-13°	3.0	VN.. 1604..	

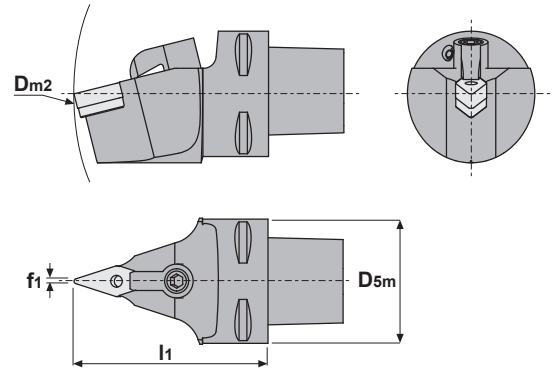
1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.	2614	5003	IVSN-322	1086	1665	5002
PSC40-MVJNR/L27062-16	2614	5003	IVSN-322	1086	1665	5002
PSC50-MVJNR/L35065-16	2614	5003	IVSN-322	1086	1665	5002
PSC63-MVJNR/L45065-16	2614	5003	IVSN-322	1086	1665	5002
PSC80-MVJNR/L55080-16	2614	5003	IVSN-322	1086	1665	5002



VN..		l	s	d	Negative 35° rhombic inserts.
Ref.	VN.. 1604..	16,50	4,76	9,52	
VNGP	VNMG	VNMG-CMC			



MVVN 72° 30'



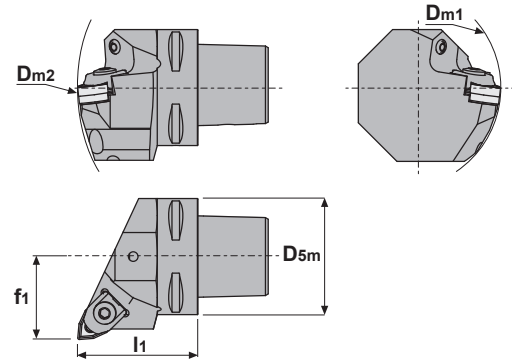
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
	PSC40-MVVNN00062-16	40	152	0.6	62.0	-4°	-13°	3.0	VN.. 1604..	
	PSC50-MVVNN00065-16	50	170	0.6	65.0	-4°	-13°	3.0	VN.. 1604..	
	PSC63-MVVNN00065-16	63	190	0.6	65.0	-4°	-13°	3.0	VN.. 1604..	
	PSC80-MVVNN00080-16	80	250	0.6	80.0	-4°	-13°	3.0	VN.. 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
	PSC40-MVVNN00062-16	2614	5003	IVSN-322	1086	1665	5002
	PSC50-MVVNN00065-16	2614	5003	IVSN-322	1086	1665	5002
	PSC63-MVVNN00065-16	2614	5003	IVSN-322	1086	1665	5002
	PSC80-MVVNN00080-16	2614	5003	IVSN-322	1086	1665	5002

	VN..				Negative 35° rhombic inserts.
	Ref.	l	s	d	
	VN.. 1604..	16,50	4,76	9,52	
	VNGP	VNMG	VNMG-CMC		



MWLN 95°



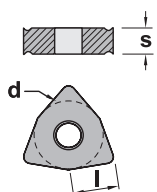
Characteristics:
PSC with internal coolant.

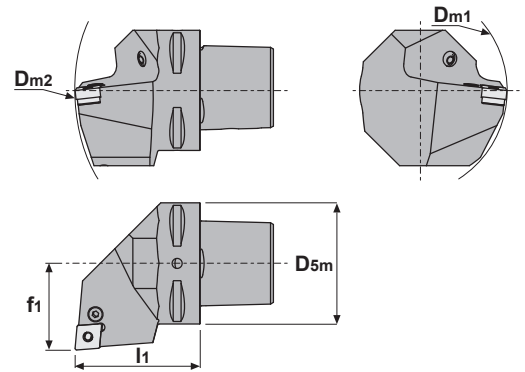
Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC50-MWLN/L35060-08	50	110	165	35.0	60.0	-6°	-6°	3.9	WNMG 0804..	
PSC63-MWLN/L45065-08	63	110	190	45.0	65.0	-6°	-6°	3.9	WNMG 0804..	
PSC80-MWLN/L55080-08	80	110	250	55.0	80.0	-6°	-6°	3.9	WNMG 0804..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.					
PSC50-MWLN/L35060-08	2011	5005	IWSN-432	1661	1394
PSC63-MWLN/L45065-08	2011	5005	IWSN-432	1661	1394
PSC80-MWLN/L55080-08	2011	5005	IWSN-432	1661	1394

Ref.	WNMG				Negative 80° trigon inserts.		
	l	s	d				
WNMG 0804..	8,14	4,76	12,70				
WNMG-CF	WNMG-CFM	WNMG-CM	WNMG-CMC	WNMG-CMF	WNMG-CMR	WNMG-CS	





PCLN 95°



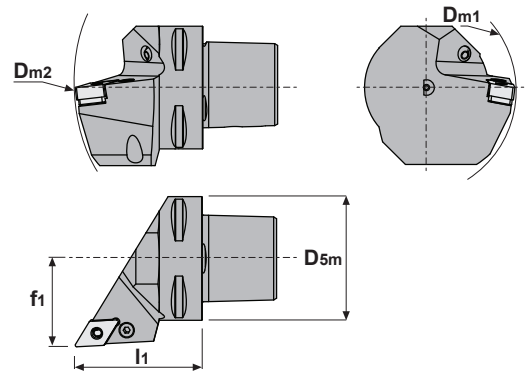
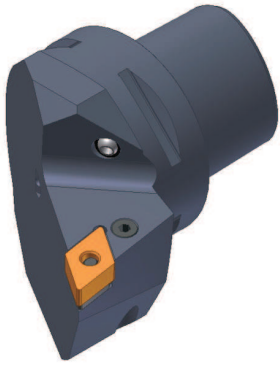
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.4)	Dm2 min.4)	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-PCLNR/L27050-12	40	110	140	27.0	50.0	-6°	-6°	3.9	CN.. 1204..	
PSC50-PCLNR/L35060-12	50	110	165	35.0	60.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-PCLNR/L45065-12	63	110	190	45.0	65.0	-6°	-6°	3.9	CN.. 1204..	
PSC63-PCLNR/L45065-16	63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1606..	
PSC80-PCLNR/L55080-16	80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1606..	
PSC63-PCLNR/L45065-19	63	125	190	45.0	65.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-PCLNR/L55080-19	80	125	250	55.0	80.0	-6°	-6°	6.4	CN.. 1906..	
PSC80-PCLNR/L55080-25	80	150	250	55.0	80.0	-6°	-6°	9.5	CN.. 2509..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.
4) Valid in combination with the fixing unit R/LC2090.

Ref.						
PSC40-PCLNR/L27050-12	8012	1608	5003	3612	4112	0012
PSC50-PCLNR/L35060-12	8012	1608	5003	3612	4112	0012
PSC63-PCLNR/L45065-12	8012	1608	5003	3612	4112	0012
PSC63-PCLNR/L45065-16	8016	1618	5003	3616	4115	0015
PSC80-PCLNR/L55080-16	8016	1618	5003	3616	4115	0015
PSC63-PCLNR/L45065-19	8019	1610	5004	3619	4119	0019
PSC80-PCLNR/L55080-19	8019	1610	5004	3619	4119	0019
PSC80-PCLNR/L55080-25	8025	1612	5005	3625	4125	0025

Ref.	CN..				Negative 80° rhombic inserts.			
	l	s	d	CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	
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					
	CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM



PDJN 93°



Characteristics:
PSC with internal coolant.

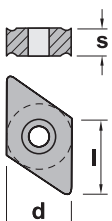
Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-PDJNR/L27055-15	40	110	145	27.0	55.0	-6°	-7°	3.9	DN.. 1506..	
PSC50-PDJNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
PSC63-PDJNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
PSC80-PDJNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

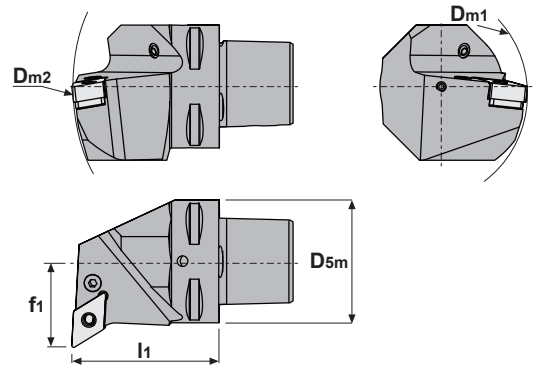


Ref.	PSC40-PDJNR/L27055-15	PSC50-PDJNR/L35060-15	PSC63-PDJNR/L45065-15	PSC80-PDJNR/L55080-15	8415	1638	5003	3715	4112	0012	3725	4135
PSC40-PDJNR/L27055-15	8415	1638	5003	3715	4112	0012	3725	4135				
PSC50-PDJNR/L35060-15	8415	1638	5003	3715	4112	0012	3725	4135				
PSC63-PDJNR/L45065-15	8415	1638	5003	3715	4112	0012	3725	4135				
PSC80-PDJNR/L55080-15	8415	1638	5003	3715	4112	0012	3725	4135				

For inserts DNM.. 1504..



Ref.	DN..		l	s	d	Negative 55° rhombic inserts.	
	DN.. 1504..	DN.. 1506..				DNMA	DNMG-CF
			15,50	4,76	12,70		
			15,50	6,35	12,70		
	DNMG-CFM	DNMG-CM	DNMG-CMF	DNMG-CMR	DNMG-CS	DNMX	



PDUN 93°



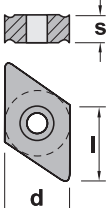
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	Kg
PSC40-PDUNR/L27050-15	40	110	140	27.0	50.0	-6°	-7°	3.9	DN.. 1506..	
PSC50-PDUNR/L35060-15	50	110	165	35.0	60.0	-6°	-7°	3.9	DN.. 1506..	
PSC63-PDUNR/L45065-15	63	110	190	45.0	65.0	-6°	-7°	3.9	DN.. 1506..	
PSC80-PDUNR/L55080-15	80	110	250	55.0	80.0	-6°	-7°	3.9	DN.. 1506..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.	PSC40-PDUNR/L27050-15	PSC50-PDUNR/L35060-15	PSC63-PDUNR/L45065-15	PSC80-PDUNR/L55080-15
	6415	6415	6415	6415
	1638	1638	1638	1638
	5003	5003	5003	5003
	3715	3715	3715	3715
	4112	4112	4112	4112
	0012	0012	0012	0012



DN..

l

s

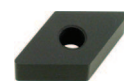
d

Negative 55° rhombic inserts.

Ref.	DN.. 1506..	15,50	6,35	12,70
------	-------------	-------	------	-------

DNMA

DNMG-CF



DNMG-CFM

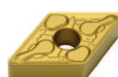
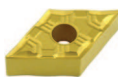
DNMG-CM

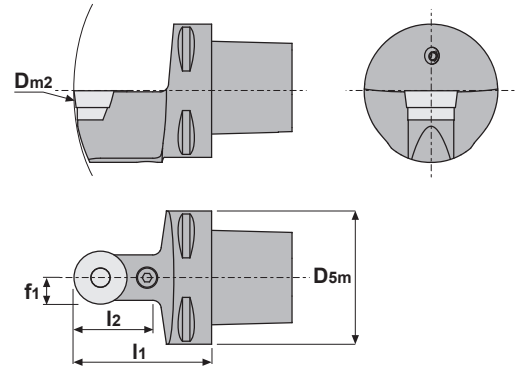
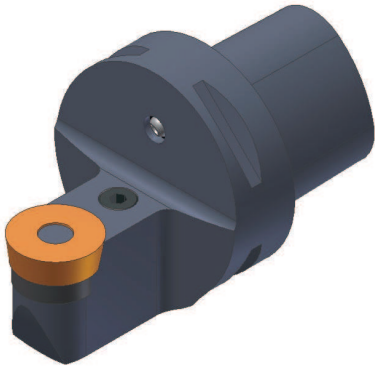
DNMG-CMF

DNMG-CMR

DNMG-CS

DNMX



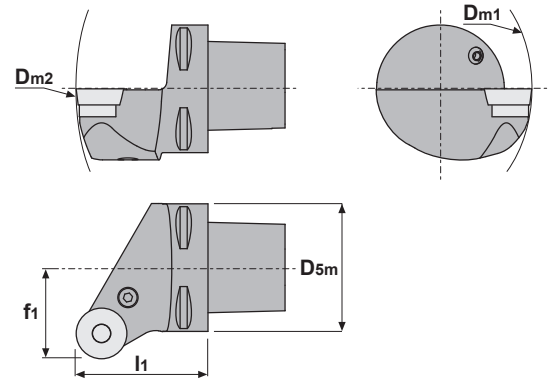


PRDC		Characteristics: PSC with internal coolant.								
		D5m	Dm2 min.4)	f1	l1	y ¹⁾	λs ²⁾	l2	Insert	
Ref.	PSC63-PRDCN00065-25	63	190	12.5	65.0	0°	0°	40	RC.. 2507M0	
	PSC80-PRDCN00080-25	80	250	12.5	80.0	0°	0°	40	RC.. 2507M0	
	PSC80-PRDCN00080-32	80	250	16.0	80.0	0°	0°	45	RC.. 3209M0	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.

Ref.						
PSC63-PRDCN00065-25	8125	1710	5004	3825	4119	0019
PSC80-PRDCN00080-25	8125	1710	5004	3825	4119	0019
PSC80-PRDCN00080-32	8132	1612	5005	3832	4125	0025

 	RC..			s	d	Positive 7° clearance - Round inserts.
	Ref.	RC.. 2507M0	RC.. 3209M0	7,94	25,00	
				9,52	32,00	
	RCGT-AL	RCGT-AP	RCMT			



PRSC



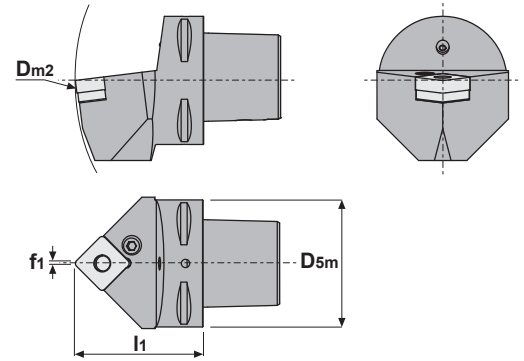
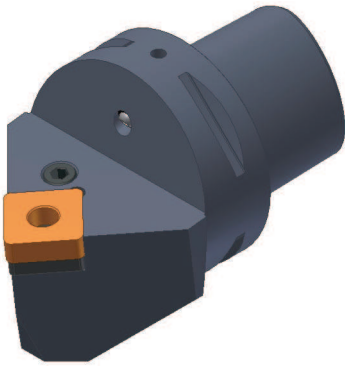
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm1 min.4)	Dm2 min.4)	f1	l1	y ¹⁾	λs ²⁾	Insert	
	PSC80-PRSCR/L55080-20	80	150	250	55.0	80.0	0°	0°	RC.. 2006M0	
	PSC63-PRSCR/L45065-25	63	150	190	45.0	65.0	0°	0°	RC.. 2507M0	
	PSC80-PRSCR/L55080-25	80	150	250	55.0	80.0	0°	0°	RC.. 2507M0	
	PSC80-PRSCR/L55080-32	80	150	250	55.0	80.0	0°	0°	RC.. 3209M0	

1) y = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.

Ref.						
PSC80-PRSCR/L55080-20	8120	1708	5003	3820	4115	0015
PSC63-PRSCR/L45065-25	8125	1710	5004	3825	4119	0019
PSC80-PRSCR/L55080-25	8125	1710	5004	3825	4119	0019
PSC80-PRSCR/L55080-32	8132	1612	5005	3832	4125	0025

 	RC..			Positive 7° clearance - Round inserts.
	Ref.	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	



PSDN 45°



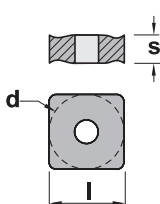
Characteristics:
PSC with internal coolant.

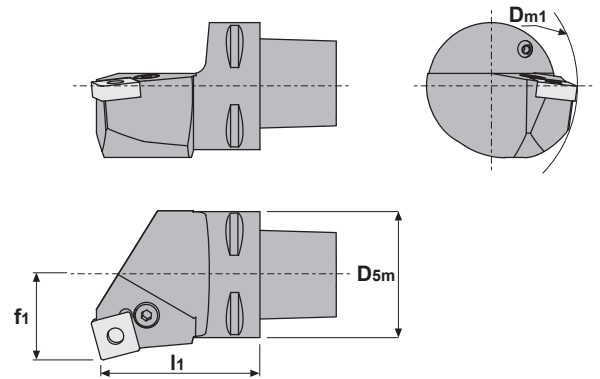
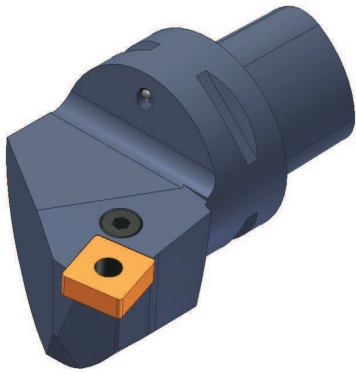
Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-PSDNN00050-12	PSC40-PSDNN00050-12	40	140	0.3	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-PSDNN00060-12	50	165	0.3	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-PSDNN00065-12	63	190	0.3	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC40-PSDNN00050-15	PSC40-PSDNN00050-15	40	140	0.5	50.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC50-PSDNN00060-15	50	165	0.5	60.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC63-PSDNN00065-15	63	190	0.5	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-PSDNN00060-19	PSC50-PSDNN00060-19	50	170	0.5	60.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-PSDNN00065-19	63	195	0.5	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC63-PSDNN00065-25	PSC63-PSDNN00065-25	63	195	1.0	65.0	-6°	-6°	9.5	SNM.. 2507..	
	PSC80-PSDNN00080-25	80	250	1.0	80.0	-6°	-6°	9.5	SNM.. 2507..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

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

Ref.	SNM..	l	s	d	Negative square inserts.					
	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							
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM					





PSKN 75°



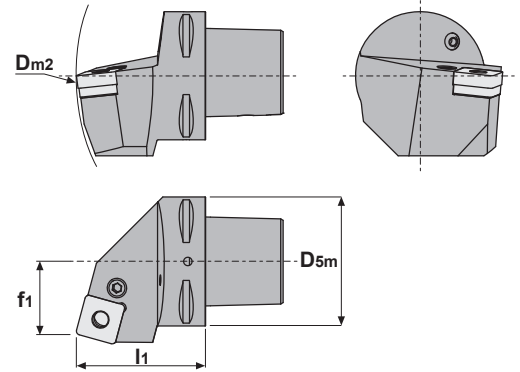
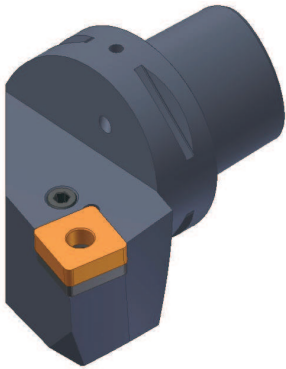
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-PSKNR/L27050-12	40	110	27.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-PSKNR/L35060-12	50	110	35.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
PSC63-PSKNR/L45065-12	63	110	45.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-PSKNR/L35060-15	50	125	35.0	60.0	-6°	-6°	3.9	SNM.. 1506..	
PSC63-PSKNR/L45065-15	63	125	45.0	65.0	-6°	-6°	3.9	SNM.. 1506..	
PSC50-PSKNR/L35060-19	50	125	35.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
PSC63-PSKNR/L45065-19	63	125	45.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-PSKNR/L55080-19	80	125	55.0	80.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-PSKNR/L55080-25	80	150	55.0	80.0	-6°	-6°	9.5	SNM.. 2507..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

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

Ref.	SNM..	l	s	d	Negative square inserts.				
	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						
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM				



PSRN 75°



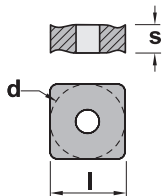
Characteristics:
PSC with internal coolant.

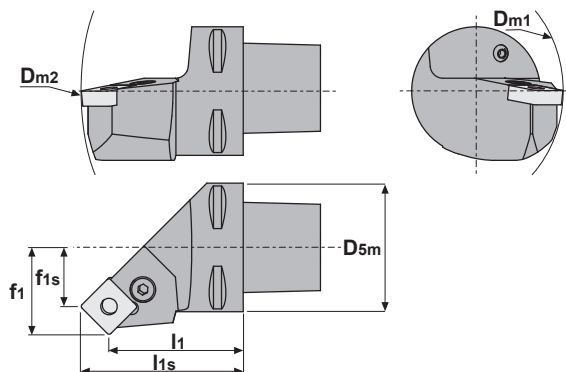
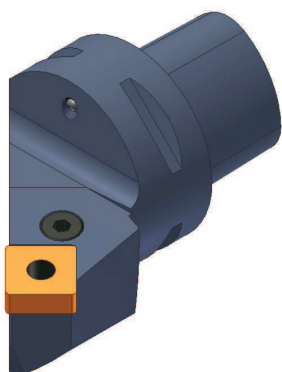
Ref.		D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-PSRNR/L22050-12	PSC40-PSRNR/L22050-12	40	140	22.0	50.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC50-PSRNR/L27060-12	50	165	27.0	60.0	-6°	-6°	3.9	SNM.. 1204..	
	PSC63-PSRNR/L35065-12	63	190	35.0	65.0	-6°	-6°	3.9	SNM.. 1204..	
PSC50-PSRNR/L27060-15	PSC50-PSRNR/L27060-15	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1506..	
	PSC63-PSRNR/L35065-15	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1506..	
PSC50-PSRNR/L27060-19	PSC50-PSRNR/L27060-19	50	165	27.0	60.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC63-PSRNR/L35065-19	63	190	35.0	65.0	-6°	-6°	6.4	SNM.. 1906..	
PSC80-PSRNR/L45080-19	PSC80-PSRNR/L45080-19	80	250	45.0	80.0	-6°	-6°	6.4	SNM.. 1906..	
	PSC80-PSRNR/L45080-25	80	250	45.0	80.0	-6°	-6°	9.5	SNM.. 2507..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.							
PSC40-PSRNR/L22050-12	PSC40-PSRNR/L22050-12	8012	1608	5003	3512	4112	0012
	PSC50-PSRNR/L27060-12	8012	1608	5003	3512	4112	0012
	PSC63-PSRNR/L35065-12	8012	1608	5003	3512	4112	0012
PSC50-PSRNR/L27060-15	PSC50-PSRNR/L27060-15	8016	1618	5003	3515	4115	0015
	PSC63-PSRNR/L35065-15	8016	1618	5003	3515	4115	0015
PSC50-PSRNR/L27060-19	PSC50-PSRNR/L27060-19	8019	1610	5004	3519	4119	0019
	PSC63-PSRNR/L35065-19	8019	1610	5004	3519	4119	0019
PSC80-PSRNR/L45080-19	PSC80-PSRNR/L45080-19	8019	1610	5004	3519	4119	0019
	PSC80-PSRNR/L45080-25	8025	1612	5005	3525	4125	0025

Ref.	SNM..	l	s	d	Negative square inserts.					
	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							
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM					





PSSN 45°



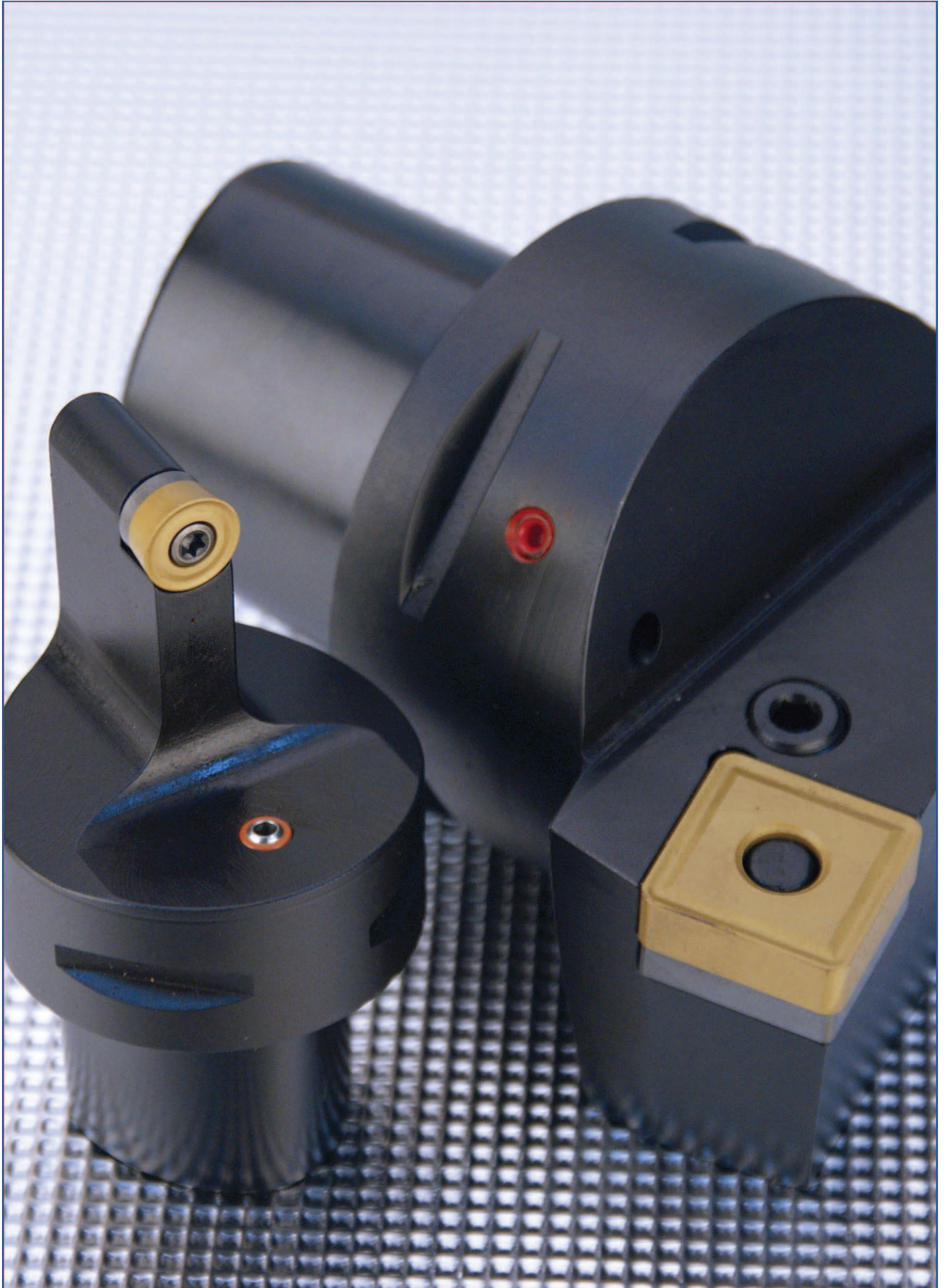
Characteristics:
PSC with internal coolant.

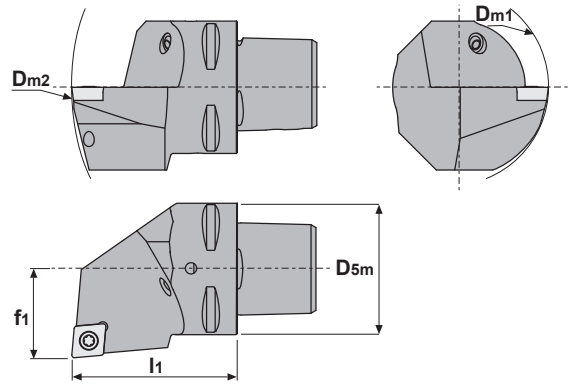
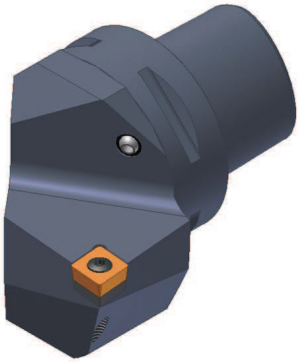
Ref.	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-PSSNR/L27042-12	40	110	140	27.0	18.7	42.0	50.3	-8°	-0°	3.9	SNM.. 1204..	
PSC50-PSSNR/L35052-12	50	110	165	35.0	26.7	52.0	60.3	-8°	-0°	3.9	SNM.. 1204..	
PSC63-PSSNR/L45056-12	63	110	190	45.0	36.7	56.0	64.3	-8°	-0°	3.9	SNM.. 1204..	
PSC63-PSSNR/L45054-15	63	125	190	45.0	34.8	54.0	64.2	-8°	-0°	6.4	SNM.. 1506..	
PSC63-PSSNR/L45052-19	63	125	190	45.0	32.5	52.0	64.5	-8°	-0°	6.4	SNM.. 1906..	
PSC80-PSSNR/L55070-25	80	150	256	55.0	39.0	70.0	86.0	-8°	-0°	9.5	SNM.. 2507..	



1) γ = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.
3) Nm = Insert moment of force.

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





Ref.	SNM..				Negative square inserts.	
	SNMA	SNMG-CFM	SNMG-CMR	SNMG-CR	SNMM	

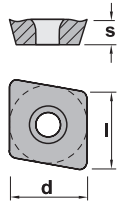






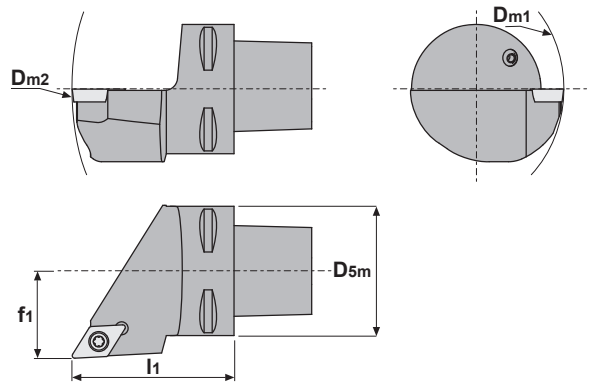
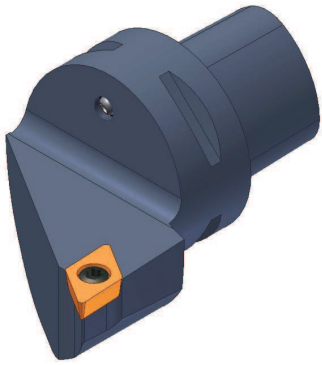


SCLC 95° 		Characteristics: PSC with internal coolant.									
		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
Ref.	PSC40-SCLCR/L27050-09	40	80	140	27.0	50.0	0°	0°	3.0	CC.. 09T3..	
	PSC50-SCLCR/L35060-09	50	80	165	35.0	60.0	0°	0°	3.0	CC.. 09T3..	
	PSC63-SCLCR/L45065-09	63	80	190	45.0	65.0	0°	0°	3.0	CC.. 09T3..	
	PSC40-SCLCR/L27050-12	40	110	140	27.0	50.0	0°	0°	3.0	CC.. 1204..	
	PSC50-SCLCR/L35060-12	50	110	165	35.0	60.0	0°	0°	3.0	CC.. 1204..	
	PSC63-SCLCR/L45065-12	63	110	190	45.0	65.0	0°	0°	3.0	CC.. 1204..	

1) y= Rake angle (valid a smooth insert).
 2) λs= Angle of inclination.
 3) Nm= Insert moment of force.

Ref.				
PSC40-SCLCR/L27050-09	1240	5515	-	-
PSC50-SCLCR/L35060-09	1240	5515	-	-
PSC63-SCLCR/L45065-09	1240	5515	-	-
PSC40-SCLCR/L27050-12	1540	5517	3614	1760
PSC50-SCLCR/L35060-12	1540	5517	3614	1760
PSC63-SCLCR/L45065-12	1540	5517	3614	1760

	CC..				Positive 7° clearance - 80° rhombic inserts.
	Ref.	l	s	d	
	CC.. 09T3..	9,65	3,97	9,52	
CC.. 1204..	12,90	4,76	12,70		
	CCGT-AL	CCGT-AP	CCMT-03	CCMW	
					



SDJC 93°



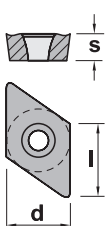
Characteristics:
PSC with internal coolant.

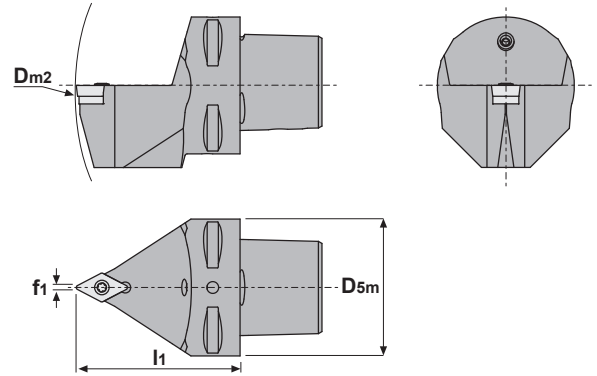
Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-SDJCR/L27050-07	40	80	140	27.0	50.0	0°	0°	0.9	DC.. 0702..	
PSC40-SDJCR/L27050-11	40	110	140	27.0	50.0	0°	0°	3.0	DC.. 11T3..	
PSC50-SDJCR/L35060-11	50	110	165	35.0	60.0	0°	0°	3.0	DC.. 11T3..	
PSC63-SDJCR/L45065-11	63	110	190	45.0	65.0	0°	0°	3.0	DC.. 11T3..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.	1225	5507	-	-
PSC40-SDJCR/L27050-07	1225	5507	-	-
PSC40-SDJCR/L27050-11	1335	5516	3714	1750
PSC50-SDJCR/L35060-11	1335	5516	3714	1750
PSC63-SDJCR/L45065-11	1335	5516	3714	1750

Ref.	DC..	l	s	d	Positive 7° clearance - 55° rhombic inserts.
	DC.. 0702..	7,75	2,38	6,35	
DC.. 11T3..	11,60	3,97	9,52		
DCGT-AL	DCGT-AP	DCMT-03	DCMW		





SDNC 62° 30'



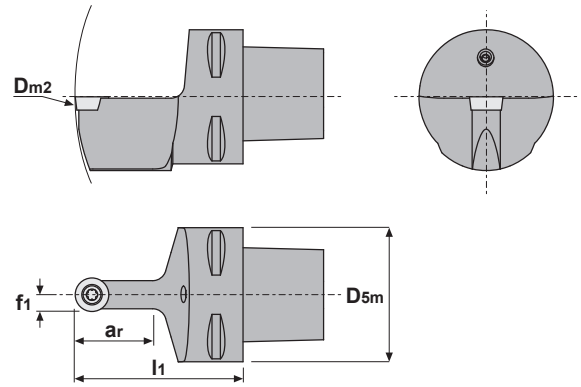
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-SDNCN00050-11	40	140	0.5	50.0	0°	0°	3.0	DC.. 11T3..	
PSC50-SDNCN00060-11	50	165	0.5	60.0	0°	0°	3.0	DC.. 11T3..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.				
PSC40-SDNCN00050-11	1335	5516	3714	1750
PSC50-SDNCN00060-11	1335	5516	3714	1750

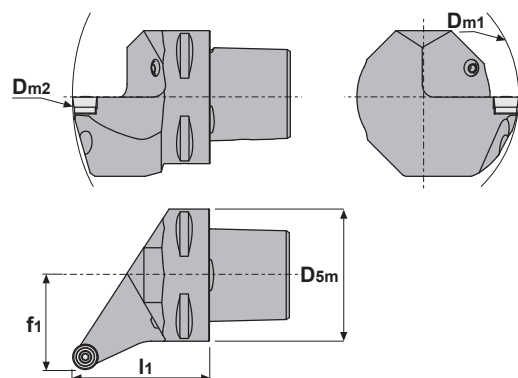
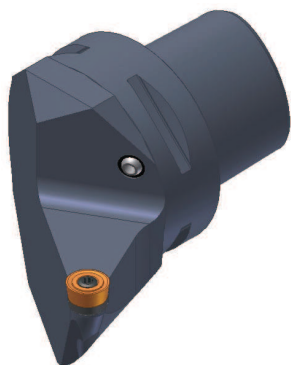
	DC..				Positive 7° clearance - 55° rhombic inserts.
	Ref.	l	s	d	
	DC.. 11T3..	11,60	3,97	9,52	
	DCGT-AL	DCGT-AP	DCMT-03	DCMW	



SRDC		Characteristics:								PSC with internal coolant.					
		ar	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	Kg				
Ref.	PSC40-SRDCN00050-06	12	40	140	3.0	50.0	0°	0°	0.9	RC.. 0602M0		1225	5507	-	-
	PSC50-SRDCN00060-06	12	50	165	3.0	60.0	0°	0°	0.9	RC.. 0602M0		1225	5507	-	-
	PSC40-SRDCN00050-08	16	40	140	4.0	50.0	0°	0°	1.4	RC.. 0803M0		1230	5508	-	-
	PSC50-SRDCN00060-08	16	50	165	4.0	60.0	0°	0°	1.4	RC.. 0803M0		1230	5508	-	-
	PSC40-SRDCN00050-10	25	40	140	5.0	50.0	0°	0°	3.0	RC.. 10T3M0		1335	5516	3811	1750
	PSC50-SRDCN00060-10	25	50	165	5.0	60.0	0°	0°	3.0	RC.. 10T3M0		1335	5516	3811	1750
	PSC63-SRDCN00065-10	25	63	190	5.0	65.0	0°	0°	3.0	RC.. 10T3M0		1335	5516	3811	1750
	PSC40-SRDCN00050-12	28	40	150	6.0	50.0	0°	0°	3.0	RC.. 1204M0		1335	5516	3814	1750
	PSC50-SRDCN00060-12	28	50	165	6.0	60.0	0°	0°	3.0	RC.. 1204M0		1335	5516	3814	1750
	PSC63-SRDCN00065-12	28	63	190	6.0	65.0	0°	0°	3.0	RC.. 1204M0		1335	5516	3814	1750
	PSC50-SRDCN00060-16	35	50	165	8.0	60.0	0°	0°	6.4	RC.. 1606M0		1540	5517	3816	1765
	PSC63-SRDCN00065-16	35	63	190	8.0	65.0	0°	0°	6.4	RC.. 1606M0		1540	5517	3816	1765
	PSC50-SRDCN00060-20	40	50	165	10.0	60.0	0°	0°	9.5	RC.. 2006M0		1360	5520	3919	1059
	PSC63-SRDCN00065-20	40	63	190	10.0	65.0	0°	0°	9.5	RC.. 2006M0		1360	5520	3919	1059

1) y= Rake angle (valid a smooth insert).
 2) λs= Angle of inclination.
 3) Nm= Insert moment of force.

Ref.	RC..	s	d	Positive 7° clearance - Round inserts.
	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	RCMT		



SRSC 45°



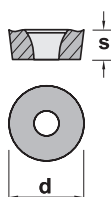
Characteristics:
PSC with internal coolant.

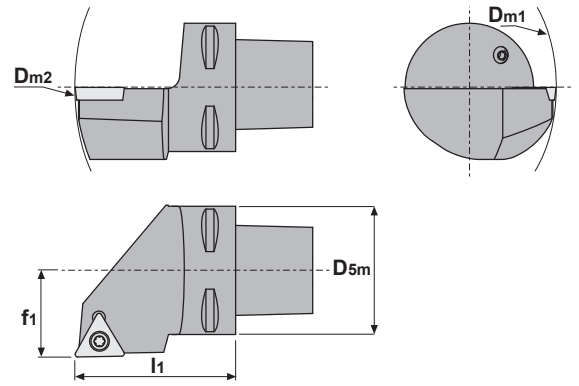
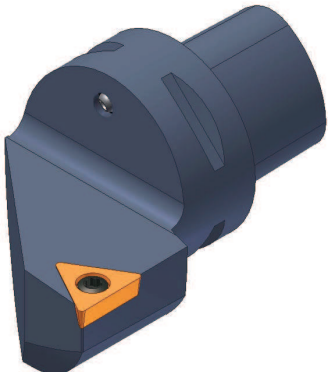
1) γ = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.
3) Nm = Insert moment of force.

Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λs^2	Nm ³	Insert	
PSC40-SRSCR/L27050-06	PSC40-SRSCR/L27050-06	40	80	140	27.0	50.0	0°	0°	0.9	RC.. 0602M0	
	PSC50-SRSCR/L35060-06	50	80	165	35.0	60.0	0°	0°	0.9	RC.. 0602M0	
PSC40-SRSCR/L27050-08	PSC40-SRSCR/L27050-08	40	80	140	27.0	50.0	0°	0°	1.4	RC.. 0803M0	
	PSC50-SRSCR/L35060-08	50	80	165	35.0	60.0	0°	0°	1.4	RC.. 0803M0	
PSC40-SRSCR/L27050-10	PSC40-SRSCR/L27050-10	40	110	140	27.0	50.0	0°	0°	3.0	RC.. 10T3M0	
	PSC50-SRSCR/L35060-10	50	110	165	35.0	60.0	0°	0°	3.0	RC.. 10T3M0	
	PSC63-SRSCR/L45065-10	63	110	190	45.0	65.0	0°	0°	3.0	RC.. 10T3M0	
PSC50-SRSCR/L35060-12	PSC50-SRSCR/L35060-12	50	110	165	35.0	60.0	0°	0°	3.0	RC.. 1204M0	
	PSC63-SRSCR/L45065-12	63	110	190	45.0	65.0	0°	0°	3.0	RC.. 1204M0	
PSC50-SRSCR/L35060-16	PSC50-SRSCR/L35060-16	50	125	165	35.0	60.0	0°	0°	6.4	RC.. 1606M0	
	PSC63-SRSCR/L45065-16	63	125	190	45.0	65.0	0°	0°	6.4	RC.. 1606M0	
PSC50-SRSCR/L35060-20	PSC50-SRSCR/L35060-20	50	125	165	35.0	60.0	0°	0°	9.5	RC.. 2006M0	
	PSC63-SRSCR/L45065-20	63	125	190	45.0	65.0	0°	0°	9.5	RC.. 2006M0	

Ref.					
PSC40-SRSCR/L27050-06	PSC40-SRSCR/L27050-06	1225	5507	-	-
	PSC50-SRSCR/L35060-06	1225	5507	-	-
PSC40-SRSCR/L27050-08	PSC40-SRSCR/L27050-08	1230	5508	-	-
	PSC50-SRSCR/L35060-08	1230	5508	-	-
PSC40-SRSCR/L27050-10	PSC40-SRSCR/L27050-10	1335	5516	3811	1750
	PSC50-SRSCR/L35060-10	1335	5516	3811	1750
	PSC63-SRSCR/L45065-10	1335	5516	3811	1750
PSC50-SRSCR/L35060-12	PSC50-SRSCR/L35060-12	1335	5516	3814	1750
	PSC63-SRSCR/L45065-12	1335	5516	3814	1750
PSC50-SRSCR/L35060-16	PSC50-SRSCR/L35060-16	1540	5517	3816	1765
	PSC63-SRSCR/L45065-16	1540	5517	3816	1765
PSC50-SRSCR/L35060-20	PSC50-SRSCR/L35060-20	1360	5520	3919	1059
	PSC63-SRSCR/L45065-20	1360	5520	3919	1059

Ref.	RC..	s	d	Positive 7° clearance - Round inserts.		
					RCGT-AL	RCMT
	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			





STGC 90°



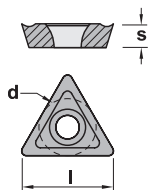
Characteristics:
PSC with internal coolant.

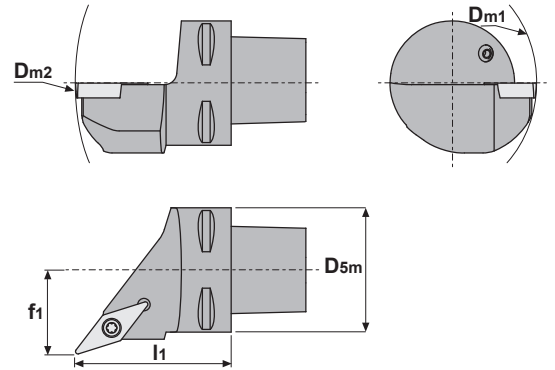
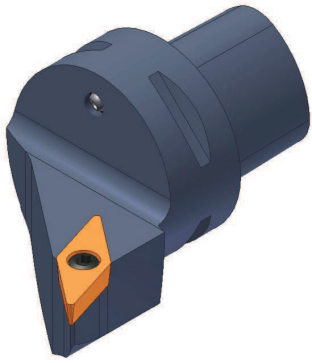
Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-STGCR/L27050-11		40	80	140	27.0	50.0	0°	0°	0.9	TC.. 1102..	
PSC40-STGCR/L27050-16		40	110	140	27.0	50.0	0°	0°	3.0	TC.. 16T3..	
PSC50-STGCR/L35060-16		50	110	165	35.0	60.0	0°	0°	3.0	TC.. 16T3..	
PSC63-STGCR/L45065-16		63	110	190	45.0	65.0	0°	0°	3.0	TC.. 16T3..	

1) y = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.
3) Nm = Insert moment of force.

Ref.				
PSC40-STGCR/L27050-11	1225	5507	-	-
PSC40-STGCR/L27050-16	1335	5516	3414	1750
PSC50-STGCR/L35060-16	1335	5516	3414	1750
PSC63-STGCR/L45065-16	1335	5516	3414	1750

Ref.	TC..	l	s	d	Positive 7° clearance - Triangular inserts.
	TC.. 1102..	11,00	2,38	6,35	
TC.. 16T3..	16,50	3,97	9,52		
TCGT-AL	TCMT-03	TCMW			





SVHC 107° 30'



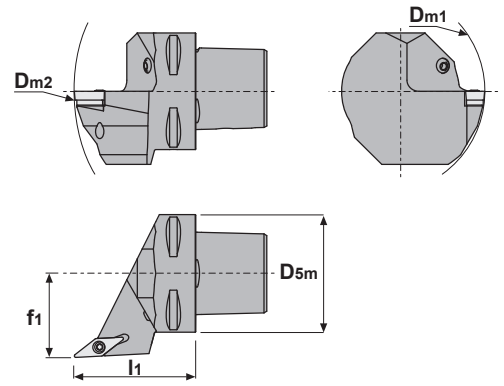
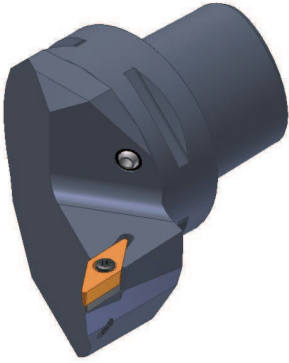
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-SVHCR/L27050-11	40	80	140	27.0	50.0	0°	0°	0.9	VC.. 1103..	
PSC50-SVHCR/L35060-11	50	80	165	35.0	60.0	0°	0°	0.9	VC.. 1103..	
PSC40-SVHCR/L27050-16	40	110	140	27.0	50.0	0°	0°	3.0	VC.. 1604..	
PSC50-SVHCR/L35060-16	50	110	165	35.0	60.0	0°	0°	3.0	VC.. 1604..	
PSC63-SVHCR/L45065-16	63	110	190	45.0	65.0	0°	0°	3.0	VC.. 1604..	

1) y = Rake angle (valid a smooth insert).
2) λs = Angle of inclination.
3) Nm = Insert moment of force.

Ref.				
PSC40-SVHCR/L27050-11	1225	5507	-	-
PSC50-SVHCR/L35060-11	1225	5507	-	-
PSC40-SVHCR/L27050-16	1335	5516	3718	1750
PSC50-SVHCR/L35060-16	1335	5516	3718	1750
PSC63-SVHCR/L45065-16	1335	5516	3718	1750

	VC..				Positive 7° clearance - 35° rhombic inserts.
	Ref.	l	s	d	
	VC.. 1103..	11,00	3,18	6,35	
	VC.. 1604..	16,50	4,76	9,52	
	VCGT-AL	VCGT-AP	VCMT-03		







SVJB 93°

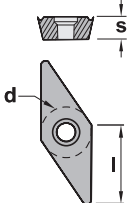



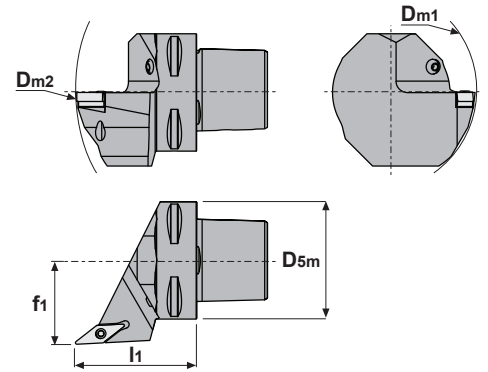
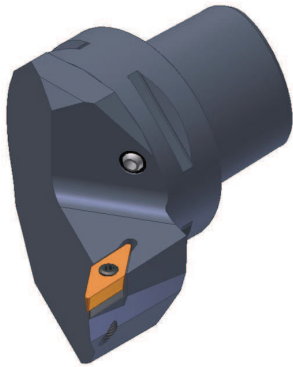
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-SVJBR/L27050-16	40	110	145	27.0	50.0	0°	0°	3.0	VBMT 1604..	
PSC50-SVJBR/L35060-16	50	110	165	35.0	60.0	0°	0°	3.0	VBMT 1604..	
PSC63-SVJBR/L45065-16	63	100	190	45.0	65.0	0°	0°	3.0	VBMT 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.				
PSC40-SVJBR/L27050-16	1335	5516	3718	1750
PSC50-SVJBR/L35060-16	1335	5516	3718	1750
PSC63-SVJBR/L45065-16	1335	5516	3718	1750

	VBMT				Positive 5° clearance - 35° rhombic inserts.
	Ref.	l	s	d	
	VBMT 1604..	16,50	4,76	9,52	
	VBMT				
					



SVJC 93°



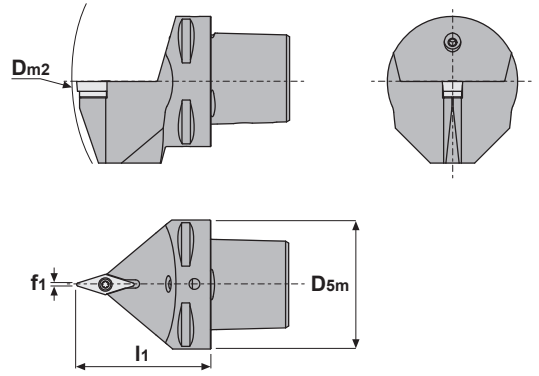
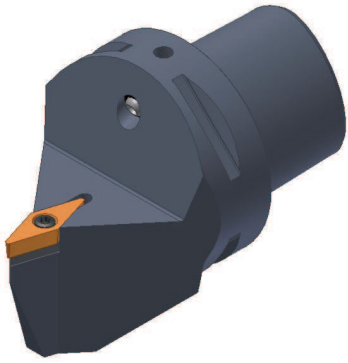
Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm1 min.	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-SVJCR/L27050-11		40	80	145	27.0	50.0	0°	0°	0.9	VC.. 1103..	
	PSC50-SVJCR/L35060-11	50	80	165	35.0	60.0	0°	0°	0.9	VC.. 1103..	
PSC40-SVJCR/L27050-16		40	110	145	27.0	50.0	0°	0°	3.0	VC.. 1604..	
	PSC50-SVJCR/L35060-16	50	110	165	35.0	60.0	0°	0°	3.0	VC.. 1604..	
PSC63-SVJCR/L45065-16		63	100	190	45.0	65.0	0°	0°	3.0	VC.. 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.					
PSC40-SVJCR/L27050-11		1225	5507	-	-
	PSC50-SVJCR/L35060-11	1225	5507	-	-
PSC40-SVJCR/L27050-16		1335	5516	3718	1750
	PSC50-SVJCR/L35060-16	1335	5516	3718	1750
PSC63-SVJCR/L45065-16		1335	5516	3718	1750

	VC..				Positive 7° clearance - 35° rhombic inserts.
	Ref.	VC.. 1103..	VC.. 1604..		
	l	s	d		
		11,00	3,18	6,35	
		16,50	4,76	9,52	
	VCGT-AL	VCGT-AP	VCMT-03		



SVVB 72° 30'



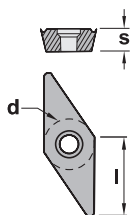
Characteristics:
PSC with internal coolant.

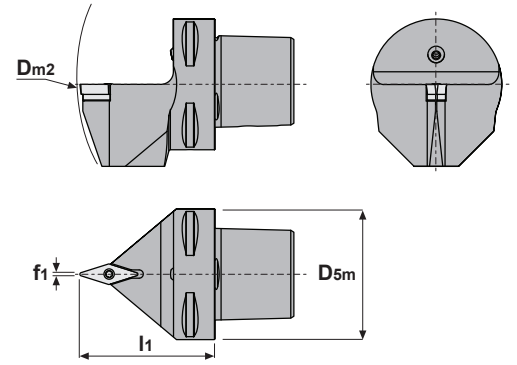
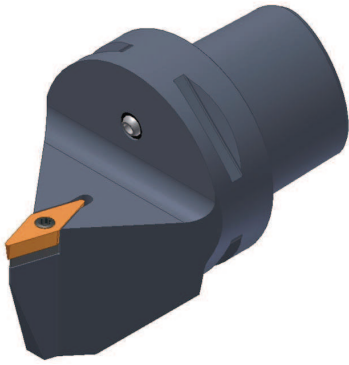
Ref.	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	
PSC40-SVVB00050-16	40	140	0.6	50.0	0°	0°	3.0	VBMT 1604..	
PSC50-SVVB00060-16	50	165	0.6	60.0	0°	0°	3.0	VBMT 1604..	
PSC63-SVVB00065-16	63	190	0.6	65.0	0°	0°	3.0	VBMT 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.				
PSC40-SVVB00050-16	1335	5516	3718	1750
PSC50-SVVB00060-16	1335	5516	3718	1750
PSC63-SVVB00065-16	1335	5516	3718	1750

VBMT					Positive 5° clearance - 35° rhombic inserts.
Ref.	VBMT 1604..	l	s	d	
		16,50	4,76	9,52	
VBMT					





SVVC 72° 30'



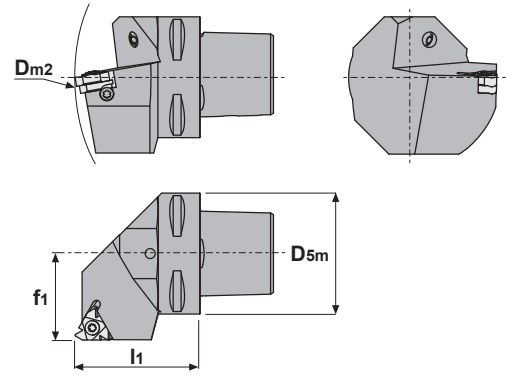
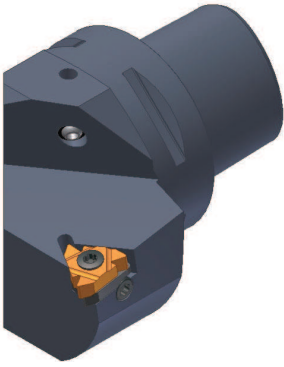
Characteristics:
PSC with internal coolant.

Ref.	D5m	Dm2 min.	f1	l1	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	Kg
PSC40-SVVCN00050-11	40	140	0.3	50.0	0°	0°	0.9	VC.. 1103..	
PSC40-SVVCN00050-16	40	140	0.6	50.0	0°	0°	3.0	VC.. 1604..	
PSC50-SVVCN00060-16	50	165	0.6	60.0	0°	0°	3.0	VC.. 1604..	
PSC63-SVVCN00065-16	63	190	0.6	65.0	0°	0°	3.0	VC.. 1604..	

1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.

Ref.				
PSC40-SVVCN00050-11	1225	5507	-	-
PSC40-SVVCN00050-16	1335	5516	3718	1750
PSC50-SVVCN00060-16	1335	5516	3718	1750
PSC63-SVVCN00065-16	1335	5516	3718	1750

	VC..				Positive 7° clearance - 35° rhombic inserts.
	Ref.	l	s	d	
	VC.. 1103..	11,00	3,18	6,35	
	VC.. 1604..	16,50	4,76	9,52	
	VCGT-AL	VCGT-AP	VCMT-03		



SE 90°



Characteristics:
PSC with internal coolant.

Ref.		D5m	Dm2 min.	f1	l1	Nm ¹⁾	Insert	
PSC40-SER/L27050-16 PSC50-SER/L35060-16 PSC63-SER/L45065-16		40	140	27	50	1.7	16 ER/L..	
		50	165	35	60	1.7	16 ER/L..	
		63	190	45	65	1.7	16 ER/L..	
PSC40-SER/L27050-22 PSC50-SER/L35060-22 PSC63-SER/L45065-22 PSC80-SER/L55080-22		40	140	27	50	3.9	22 ER/L..	
		50	165	35	60	3.9	22 ER/L..	
		63	190	45	65	3.9	22 ER/L..	
		80	250	55	80	3.9	22 ER/L..	

1) Nm= Insert moment of force.

Ref.					
PSC40-SER/L27050-16 PSC50-SER/L35060-16 PSC63-SER/L45065-16	SA3	5510	Y13	YE3	SY3
	SA3	5510	Y13	YE3	SY3
	SA3	5510	Y13	YE3	SY3
PSC40-SER/L27050-22 PSC50-SER/L35060-22 PSC63-SER/L45065-22 PSC80-SER/L55080-22	SA4	5520	Y14	YE4	SY4
	SA4	5520	Y14	YE4	SY4
	SA4	5520	Y14	YE4	SY4
	SA4	5520	Y14	YE4	SY4

	E R/L		I	d	Negative triangular inserts for external threading.
	Ref.	16 ER/L.. 22 ER/L..		16,00 22,00	
	E R/L	E R/L TD			