






MTFN 90°

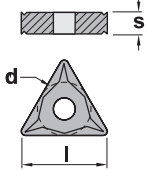












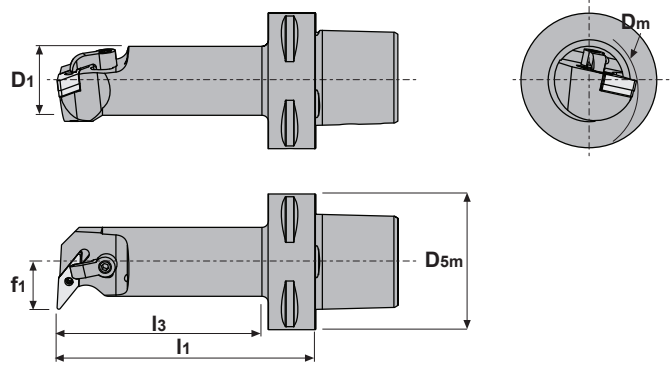
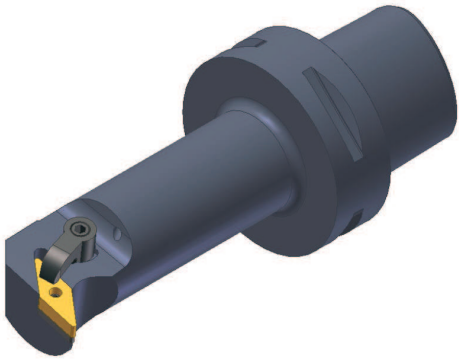
Characteristics:
PSC with internal coolant.

Ref.		D _m min.	D ₁	D _{5m}	f ₁	l ₁	l ₃	y ¹⁾	λs ²⁾	Insert	kg
PSC40-MTFNR/L17090-16		32.0	25	40	17.0	90.0	69.0	-6°	-13°	TNM.. 1604..	
PSC40-MTFNR/L22110-16		40.0	32	40	22.0	110.0	89.0	-6°	-12°	TNM.. 1604..	
PSC40-MTFNR/L27120-16		50.0	40	40	27.0	120.0	100.0	-6°	-11°	TNM.. 1604..	
PSC50-MTFNR/L17090-16		32.0	25	50	17.0	90.0	67.0	-6°	-13°	TNM.. 1604..	
PSC50-MTFNR/L22110-16		40.0	32	50	22.0	110.0	88.0	-6°	-12°	TNM.. 1604..	
PSC50-MTFNR/L27140-16		50.0	40	50	27.0	140.0	119.0	-6°	-11°	TNM.. 1604..	
PSC63-MTFNR/L22110-16		40.0	32	63	22.0	110.0	84.0	-6°	-12°	TNM.. 1604..	
PSC63-MTFNR/L27140-16		50.0	40	63	27.0	140.0	115.0	-6°	-11°	TNM.. 1604..	

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

Ref.						
PSC40-MTFNR/L17090-16		2017	1644	5025	3414	1813
PSC40-MTFNR/L22110-16		2017	1644	5025	3414	1393
PSC40-MTFNR/L27120-16		2017	1644	5025	3414	1393
PSC50-MTFNR/L17090-16		2017	1644	5025	3414	1393
PSC50-MTFNR/L22110-16		2017	1644	5025	3414	1393
PSC50-MTFNR/L27140-16		2017	1644	5025	3414	1393
PSC63-MTFNR/L22110-16		2017	1644	5025	3414	1393
PSC63-MTFNR/L27140-16		2017	1644	5025	3414	1393

	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
							



MVUN 93°



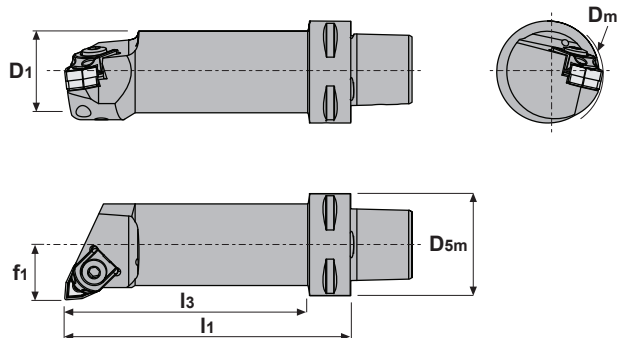
Characteristics:
PSC with internal coolant.

Ref.	Dm min.	D1	D5m	f1	l1	l3	y ¹⁾	λs ²⁾	Insert	kg
PSC40-MVUNR/L27120-16	50.0	40	40	27.0	120.0	100.0	-6°	-10°	VN.. 1604..	
PSC50-MVUNR/L27140-16	50.0	40	50	27.0	140.0	119.0	-6°	-10°	VN.. 1604..	
PSC50-MVUNR/L35150-16	63.0	50	50	35.0	150.0	131.0	-6°	-10°	VN.. 1604..	
PSC63-MVUNR/L22120-16	40.0	32	63	22.0	120.0	94.0	-6°	-12°	VN.. 1604..	
PSC63-MVUNR/L35175-16	63.0	50	63	35.0	175.0	152.0	-6°	-10°	VN.. 1604..	

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

Ref.						
PSC40-MVUNR/L27120-16	2614	5003	IVSN-322	1086	1665	5002
PSC50-MVUNR/L27140-16	2614	5003	IVSN-322	1086	1665	5002
PSC50-MVUNR/L35150-16	2614	5003	IVSN-322	1086	1665	5002
PSC63-MVUNR/L22120-16	2614	5003	IVSN-322	1086	1665	5002
PSC63-MVUNR/L35175-16	2614	5003	IVSN-322	1086	1665	5002

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








MWLN 95°

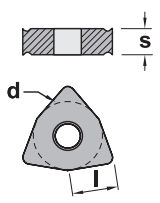









Characteristics:
PSC with internal coolant.

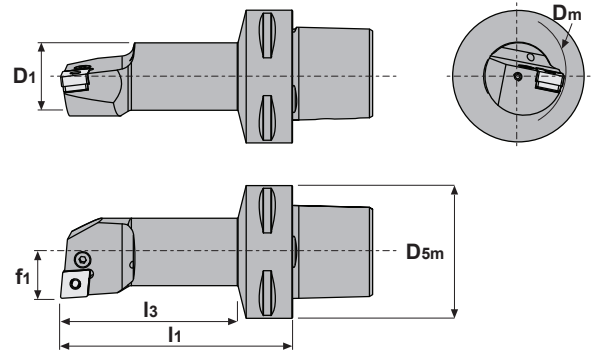
Ref.		D _m min.	D ₁	D _{5m}	f ₁	l ₁	l ₃	y ¹⁾	λs ²⁾	Insert	Kg
PSC40-MWLN/L13075-06	PSC40-MWLN/L13075-06	25.0	20	40	13.0	75.0	53.0	-6°	-14°	WNMG 0604..	
	PSC40-MWLN/L17090-06M1	32.0	25	40	17.0	90.0	69.0	-6°	-12°	WNMG 0604..	
PSC40-MWLN/L17090-08	PSC40-MWLN/L17090-08	32.0	25	40	17.0	90.0	69.0	-6°	-14°	WNMG 0804..	
	PSC40-MWLN/L22110-08	40.0	32	40	22.0	110.0	89.0	-6°	-14°	WNMG 0804..	
	PSC40-MWLN/L27120-08	50.0	40	40	27.0	120.0	100.0	-6°	-12°	WNMG 0804..	
PSC50-MWLN/L17090-08	PSC50-MWLN/L17090-08	32.0	25	50	17.0	90.0	67.0	-6°	-14°	WNMG 0804..	
	PSC50-MWLN/L22110-08	40.0	32	50	22.0	110.0	88.0	-6°	-14°	WNMG 0804..	
	PSC50-MWLN/L27140-08	50.0	40	50	27.0	140.0	119.0	-6°	-12°	WNMG 0804..	

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

Ref.						
PSC40-MWLN/L13075-06	PSC40-MWLN/L13075-06	2006	5025	-	1643	1813
	PSC40-MWLN/L17090-06M1	2006	5025	3006	1644	1813
PSC40-MWLN/L17090-08	PSC40-MWLN/L17090-08	2011	5005	-	1647	1814
	PSC40-MWLN/L22110-08	2011	5005	IWSN-432	1661	1814
	PSC40-MWLN/L27120-08	2011	5005	IWSN-432	1661	1814
PSC50-MWLN/L17090-08	PSC50-MWLN/L17090-08	2011	5005	-	1647	1814
	PSC50-MWLN/L22110-08	2011	5005	IWSN-432	1661	1814
	PSC50-MWLN/L27140-08	2011	5005	IWSN-432	1661	1814

	WNMG				Negative 80° trigon inserts.		
	Ref.	l	s	d			
	WNMG 0604..	6,45	4,76	9,52			
WNMG 0804..	8,14	4,76	12,70				
	WNMG-CF	WNMG-CFM	WNMG-CM	WNMG-CMC	WNMG-CMF	WNMG-CMR	WNMG-CS
							





PCLN 95°



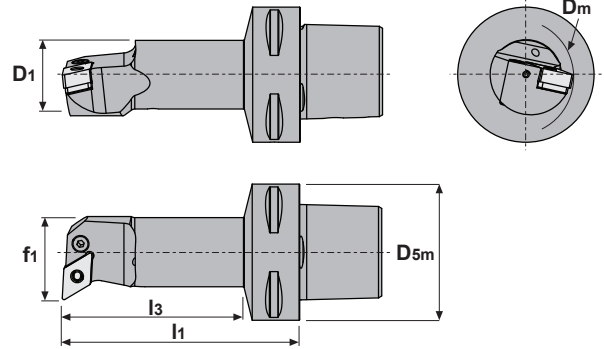
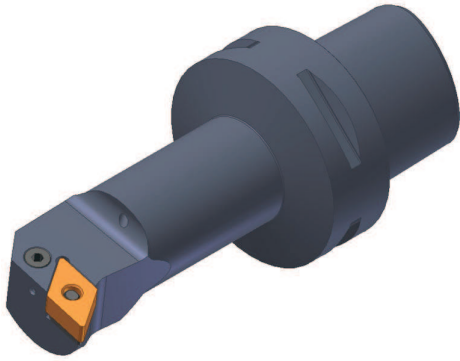
Characteristics:
PSC with internal coolant.

Ref.	D _m min.	D ₁	D _{5m}	f ₁	l ₁	l ₃	y ¹⁾	λ _s ²⁾	Insert	kg
PSC40-PCLNR/L17090-12	32.0	25	40	17.0	90.0	69.0	-6°	-11°	CN.. 1204..	
PSC40-PCLNR/L22110-12	40.0	32	40	22.0	110.0	89.0	-6°	-11°	CN.. 1204..	
PSC40-PCLNR/L27080-12	50.0	40	40	27.0	80.0	60.0	-6°	-10°	CN.. 1204..	
PSC40-PCLNR/L27120-12	50.0	40	40	27.0	120.0	100.0	-6°	-11°	CN.. 1204..	
PSC50-PCLNR/L17090-12	32.0	25	50	17.0	90.0	67.0	-6°	-11°	CN.. 1204..	
PSC50-PCLNR/L22110-12	40.0	32	50	22.0	110.0	88.0	-6°	-11°	CN.. 1204..	
PSC50-PCLNR/L27140-12	50.0	40	50	27.0	140.0	119.0	-6°	-10°	CN.. 1204..	
PSC50-PCLNR/L35100-12	63.0	50	50	35.0	100.0	81.0	-6°	-7°	CN.. 1204..	
PSC63-PCLNR/L17100-12	32.0	25	63	17.0	100.0	74.0	-6°	-11°	CN.. 1204..	
PSC63-PCLNR/L22110-12	40.0	32	63	22.0	110.0	84.0	-6°	-11°	CN.. 1204..	
PSC63-PCLNR/L27140-16	50.0	40	63	27.0	140.0	115.0	-6°	-11°	CN.. 1606..	

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

Ref.						
PSC40-PCLNR/L17090-12	8212	1626	5025	-	-	-
PSC40-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012
PSC40-PCLNR/L27080-12	8012	1608	5003	3612	4112	0012
PSC40-PCLNR/L27120-12	8012	1608	5003	3612	4112	0012
PSC50-PCLNR/L17090-12	8212	1626	5025	-	-	-
PSC50-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012
PSC50-PCLNR/L27140-12	8012	1608	5003	3612	4112	0012
PSC50-PCLNR/L35100-12	8012	1608	5003	3612	4112	0012
PSC63-PCLNR/L17100-12	8212	1626	5025	-	-	-
PSC63-PCLNR/L22110-12	8312	1648	5003	3612	4112	0012
PSC63-PCLNR/L27140-16	8016	1618	5003	3616	4115	0015

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



PDUN 93°



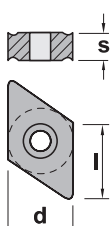
Characteristics:
PSC with internal coolant.

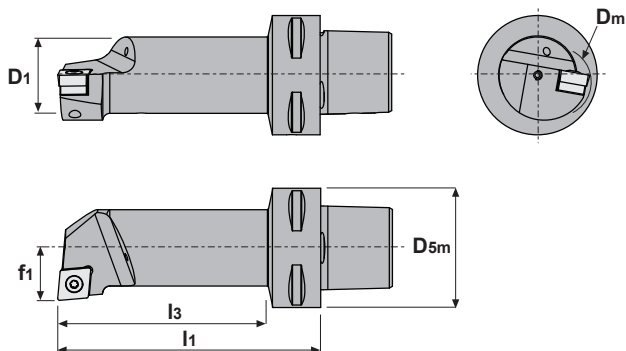
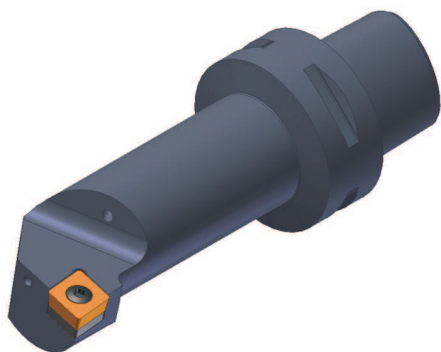
Ref.		Dm min.	D1	D5m	f1	l1	l3	y ¹⁾	λs ²⁾	Insert	
PSC40-PDUNR/L17090-11		32.0	25	40	17.0	90.0	69.0	-6°	-14°	DN.. 1104..	
PSC40-PDUNR/L22110-11		40.0	32	40	22.0	110.0	89.0	-6°	-10°	DN.. 1104..	
PSC50-PDUNR/L17090-11		32.0	25	50	17.0	90.0	67.0	-6°	-14°	DN.. 1104..	
PSC50-PDUNR/L22110-11		40.0	32	50	22.0	110.0	88.0	-6°	-10°	DN.. 1104..	
PSC63-PDUNR/L17100-11		32.0	25	63	17.0	100.0	74.0	-6°	-14°	DN.. 1104..	
PSC40-PDUNR/L27080-15		50.0	40	40	27.0	80.0	60.0	-6°	-11°	DN.. 1506..	
PSC40-PDUNR/L27120-15		50.0	40	40	27.0	120.0	100.0	-6°	-11°	DN.. 1506..	
PSC50-PDUNR/L27140-15		50.0	40	50	27.0	140.0	119.0	-6°	-11°	DN.. 1506..	
PSC50-PDUNR/L35100-15		63.0	50	50	35.0	100.0	81.0	-6°	-10°	DN.. 1506..	
PSC50-PDUNR/L35150-15		63.0	50	50	35.0	150.0	131.0	-6°	-10°	DN.. 1506..	
PSC63-PDUNR/L22110-15		40.0	32	63	22.0	110.0	84.0	-6°	-12°	DN.. 1506..	
PSC63-PDUNR/L27140-15		50.0	40	63	27.0	140.0	115.0	-6°	-11°	DN.. 1506..	
PSC63-PDUNR/L35175-15		63.0	50	63	35.0	175.0	152.0	-6°	-10°	DN.. 1506..	

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

Ref.						
PSC40-PDUNR/L17090-11	8009	1606	5025	3711	4109	0009
PSC40-PDUNR/L22110-11	8009	1606	5025	3711	4109	0009
PSC50-PDUNR/L17090-11	8009	1606	5025	3711	4109	0009
PSC50-PDUNR/L22110-11	8009	1606	5025	3711	4109	0009
PSC63-PDUNR/L17100-11	8009	1606	5025	3711	4109	0009
PSC40-PDUNR/L27080-15	8415	1638	5003	3715	4112	0012
PSC40-PDUNR/L27120-15	8415	1638	5003	3715	4112	0012
PSC50-PDUNR/L27140-15	8415	1638	5003	3715	4112	0012
PSC50-PDUNR/L35100-15	8415	1638	5003	3715	4112	0012
PSC50-PDUNR/L35150-15	8415	1638	5003	3715	4112	0012
PSC63-PDUNR/L22110-15	8415	1638	5003	3715	4112	0012
PSC63-PDUNR/L27140-15	8415	1638	5003	3715	4112	0012
PSC63-PDUNR/L35175-15	8415	1638	5003	3715	4112	0012

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			









SCLC 95°







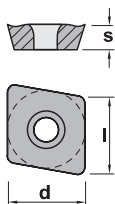
Characteristics:
PSC with internal coolant.

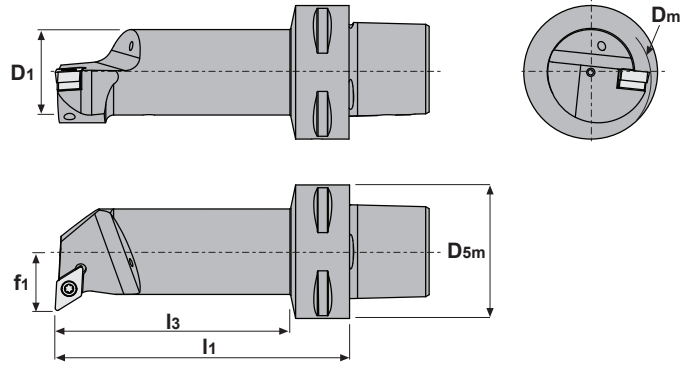
Ref.	Dm min.	D1	D5m	f1	l1	l3	y1)	λs2)	Nm3)	Insert	Kg
PSC40-SCLCR/L11070-09	20.0	16.0	40	11.0	70.0	47.0	0°	-12°	3.0	CC.. 09T3..	-
PSC40-SCLCR/L13080-09	25.0	20.0	40	13.0	80.0	58.0	0°	-8°	3.0	CC.. 09T3..	-
PSC40-SCLCR/L17090-09	32.0	25.0	40	17.0	90.0	69.0	0°	-6°	3.0	CC.. 09T3..	-
PSC40-SCLCR/L27080-09	50.0	39.7	40	27.0	80.0	60.0	0°	-6°	3.0	CC.. 09T3..	-
PSC50-SCLCR/L11070-09	20.0	16.0	50	11.0	70.0	46.0	0°	-12°	3.0	CC.. 09T3..	-
PSC50-SCLCR/L13080-09	25.0	20.0	50	13.0	80.0	56.0	0°	-8°	3.0	CC.. 09T3..	-
PSC50-SCLCR/L17090-09	32.0	25.0	50	17.0	90.0	67.0	0°	-6°	3.0	CC.. 09T3..	-
PSC50-SCLCR/L35100-09	63.0	49.7	50	35.0	100.0	81.0	0°	-4°	3.0	CC.. 09T3..	-
PSC40-SCLCR/L17090-12	32.0	25.0	40	17.0	90.0	69.0	0°	-6°	3.0	CC.. 1204..	-
PSC40-SCLCR/L22110-12	40.0	32.0	40	22.0	110.0	89.0	0°	-10°	3.0	CC.. 1204..	-
PSC40-SCLCR/L27080-12	50.0	39.7	40	27.0	80.0	60.0	0°	-8°	3.0	CC.. 1204..	-
PSC50-SCLCR/L17090-12	32.0	25.0	50	17.0	90.0	67.0	0°	-6°	3.0	CC.. 1204..	-
PSC50-SCLCR/L22110-12	40.0	32.0	50	22.0	110.0	88.0	0°	-10°	3.0	CC.. 1204..	-
PSC50-SCLCR/L27140-12	50.0	40.0	50	27.0	140.0	119.0	0°	-8°	3.0	CC.. 1204..	-
PSC50-SCLCR/L35100-12	63.0	49.7	50	35.0	100.0	80.0	0°	-5°	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/L11070-09	1440	5515	-	-
PSC40-SCLCR/L13080-09	1440	5515	-	-
PSC40-SCLCR/L17090-09	1240	5515	-	-
PSC40-SCLCR/L27080-09	1240	5515	-	-
PSC50-SCLCR/L11070-09	1440	5515	-	-
PSC50-SCLCR/L13080-09	1440	5515	-	-
PSC50-SCLCR/L17090-09	1240	5515	-	-
PSC50-SCLCR/L35100-09	1240	5515	-	-
PSC40-SCLCR/L17090-12	1250	5520	-	-
PSC40-SCLCR/L22110-12	1540	5517	3614	1760
PSC40-SCLCR/L27080-12	1540	5517	3614	1760
PSC50-SCLCR/L17090-12	1250	5520	-	-
PSC50-SCLCR/L22110-12	1540	5517	3614	1760
PSC50-SCLCR/L27140-12	1540	5517	3614	1760
PSC50-SCLCR/L35100-12	1540	5517	3614	1760

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









SDUC 93°

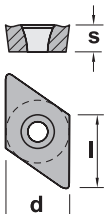
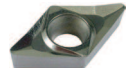
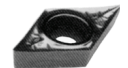

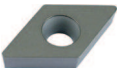


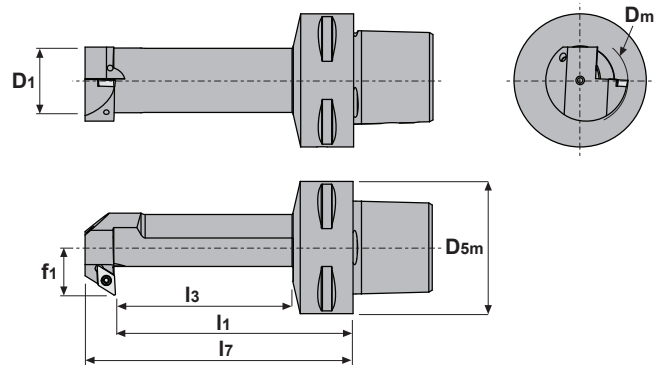
Characteristics:
PSC with internal coolant.

Ref.		Dm min.	D1	D5m	f1	l1	l3	l7	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-SDUCR/L13080-11		25.0	20	40	13.0	80.0	58.0	-	0°	-8°	3.0	DC.. 11T3..	
PSC40-SDUCR/L17090-11		32.0	25	40	17.0	90.0	69.0	-	0°	-6°	3.0	DC.. 11T3..	
PSC40-SDUCR/L22110-11		40.0	32	40	22.0	110.0	89.0	-	0°	-6°	3.0	DC.. 11T3..	
PSC40-SDUCR/L27080-11		50.0	40	40	27.0	80.0	60.0	-	0°	-6°	3.0	DC.. 11T3..	
PSC50-SDUCR/L13080-11		25.0	20	50	13.0	80.0	56.0	-	0°	-8°	3.0	DC.. 11T3..	
PSC50-SDUCR/L17090-11		32.0	25	50	17.0	90.0	67.0	-	0°	-6°	3.0	DC.. 11T3..	
PSC50-SDUCR/L22110-11		40.0	32	50	22.0	110.0	88.0	-	0°	-6°	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-SDUCR/L13080-11		1240	5515	-	-
PSC40-SDUCR/L17090-11		1240	5515	-	-
PSC40-SDUCR/L22110-11		1335	5516	3714	1750
PSC40-SDUCR/L27080-11		1335	5516	3714	1750
PSC50-SDUCR/L13080-11		1240	5515	-	-
PSC50-SDUCR/L17090-11		1240	5515	-	-
PSC50-SDUCR/L22110-11		1335	5516	3714	1750

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



SDUC-X 93°



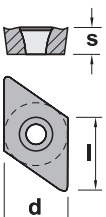
Characteristics:
PSC with internal coolant.

Ref.		Dm min.	D1	D5m	f1	l1	l3	l7	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-SDUCR/L13070-07X		22.0	16	40	13.0	70.0	48.0	80.7	0°	-6°	0.9	DC.. 0702..	
PSC40-SDUCR/L15080-07X		27.0	20	40	15.0	80.0	58.0	91.5	0°	-3°	0.9	DC.. 0702..	
PSC40-SDUCR/L18090-07X		32.0	25	40	18.0	90.0	69.0	101.5	0°	-3°	0.9	DC.. 0702..	
PSC50-SDUCR/L15080-07X		27.0	20	50	15.0	80.0	57.0	91.5	0°	-3°	0.9	DC.. 0702..	
PSC50-SDUCR/L18090-07X		32.0	25	50	18.0	90.0	67.0	101.5	0°	-3°	0.9	DC.. 0702..	

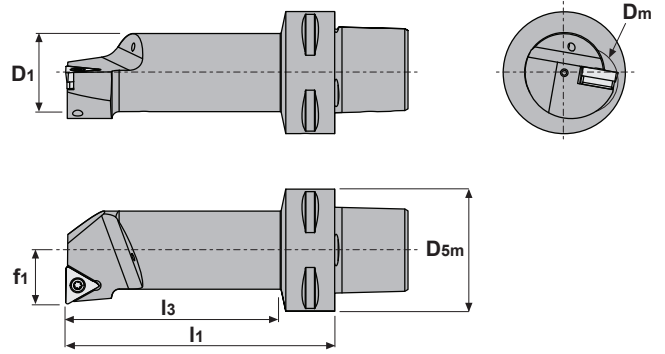
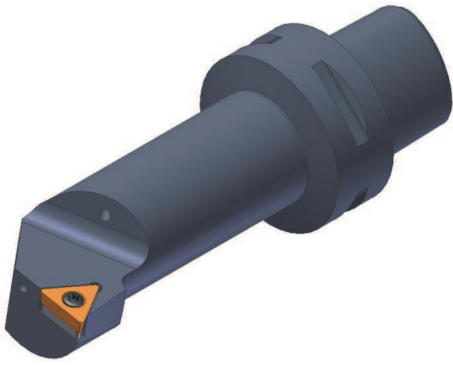
1) y= Rake angle (valid a smooth insert).
2) λs= Angle of inclination.
3) Nm= Insert moment of force.



Ref.			
PSC40-SDUCR/L13070-07X		1225	5507
PSC40-SDUCR/L15080-07X		1225	5507
PSC40-SDUCR/L18090-07X		1225	5507
PSC50-SDUCR/L15080-07X		1225	5507
PSC50-SDUCR/L18090-07X		1225	5507



Ref.	DC..	l	s	d	
DC.. 0702..		7,75	2,38	6,35	Positive 7° clearance - 55° rhombic inserts.
	DCGT-AL	DCGT-AP	DCMT-03	DCMW	







STFC 90°



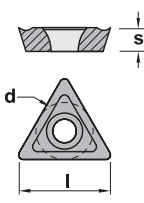
Characteristics:
PSC with internal coolant.

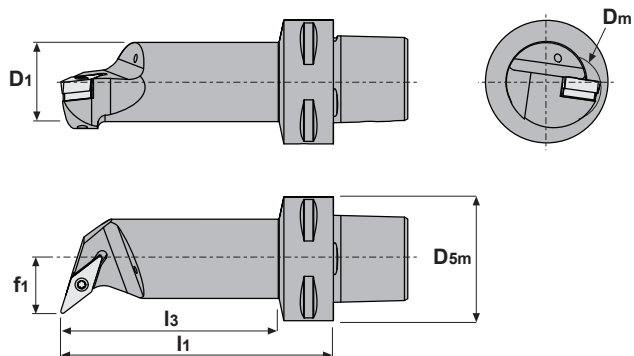
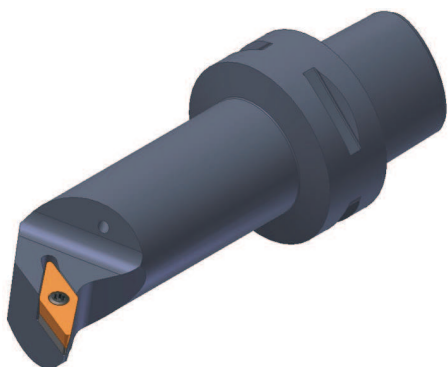
Ref.		Dm min.	D1	D5m	f1	l1	l3	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-STFCR/L11070-11	PSC40-STFCR/L11070-11	20.0	16	40	11.0	70.0	47.0	0°	-4°	0.9	TC.. 1102..	
	PSC40-STFCR/L13080-11	25.0	20	40	13.0	80.0	57.0	0°	-3°	0.9	TC.. 1102..	
	PSC50-STFCR/L11070-11	20.0	16	50	11.0	70.0	46.0	0°	-4°	0.9	TC.. 1102..	
	PSC50-STFCR/L13080-11	25.0	20	50	13.0	80.0	56.0	0°	-3°	0.9	TC.. 1102..	
PSC40-STFCR/L17090-16	PSC40-STFCR/L17090-16	32.0	25	40	17.0	90.0	69.0	0°	-6°	3.0	TC.. 16T3..	
	PSC40-STFCR/L22110-16	40.0	32	40	22.0	110.0	89.0	0°	-10°	3.0	TC.. 16T3..	
	PSC50-STFCR/L17090-16	32.0	25	50	17.0	90.0	67.0	0°	-6°	3.0	TC.. 16T3..	
	PSC50-STFCR/L22110-16	40.0	32	50	22.0	110.0	88.0	0°	-10°	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-STFCR/L11070-11	PSC40-STFCR/L11070-11	1225	5507	-	-
	PSC40-STFCR/L13080-11	1225	5507	-	-
	PSC50-STFCR/L11070-11	1225	5507	-	-
	PSC50-STFCR/L13080-11	1225	5507	-	-
PSC40-STFCR/L17090-16	PSC40-STFCR/L17090-16	1240	5515	-	-
	PSC40-STFCR/L22110-16	1335	5516	3414	1750
	PSC50-STFCR/L17090-16	1240	5515	-	-
	PSC50-STFCR/L22110-16	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				





SVQC 107° 30'



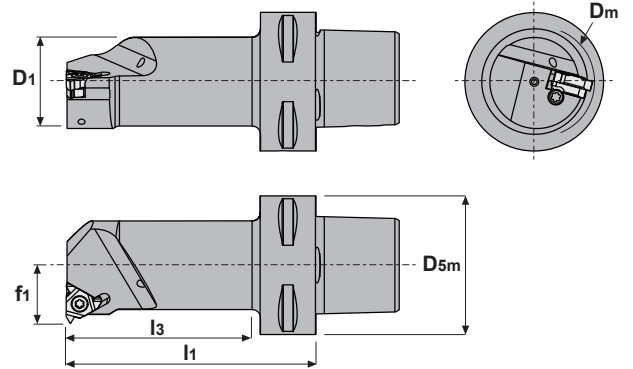
Characteristics:
PSC with internal coolant.

Ref.	Dm min.	D1	D5m	f1	l1	l3	y ¹⁾	λs ²⁾	Nm ³⁾	Insert	kg
PSC40-SVQCR/L15080-11	27.0	20	40	15.0	80.0	57.9	0°	-5°	0.9	VC.. 1103..	
PSC50-SVQCR/L15080-11	27.0	20	50	15.0	80.0	56.5	0°	-5°	0.9	VC.. 1103..	
PSC40-SVQCR/L18090-16	33.0	25	40	18.0	90.0	69.0	0°	-12°	3.0	VC.. 1604..	
PSC40-SVQCR/L22110-16	40.0	32	40	22.0	110.0	89.0	0°	-8°	3.0	VC.. 1604..	
PSC40-SVQCR/L27120-16	50.0	40	40	27.0	120.0	100.0	0°	-8°	3.0	VC.. 1604..	
PSC50-SVQCR/L18090-16	33.0	25	50	18.0	90.0	67.0	0°	-12°	3.0	VC.. 1604..	
PSC50-SVQCR/L22110-16	40.0	32	50	22.0	110.0	88.0	0°	-8°	3.0	VC.. 1604..	
PSC50-SVQCR/L27140-16	50.0	40	50	27.0	140.0	119.0	0°	-8°	3.0	VC.. 1604..	
PSC50-SVQCR/L35150-16	63.0	50	50	35.0	150.0	131.0	0°	-7°	3.0	VC.. 1604..	
PSC63-SVQCR/L22120-16	40.0	32	63	22.0	120.0	94.0	0°	-8°	3.0	VC.. 1604..	
PSC63-SVQCR/L27145-16	50.0	40	63	27.0	145.0	120.0	0°	-8°	3.0	VC.. 1604..	
PSC63-SVQCR/L35175-16	63.0	50	63	35.0	175.0	152.0	0°	-8°	3.0	VC.. 1604..	

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

Ref.	1225	5507	-	-
PSC40-SVQCR/L15080-11	1225	5507	-	-
PSC50-SVQCR/L15080-11	1225	5507	-	-
PSC40-SVQCR/L18090-16	1335	5516	3718	1750
PSC40-SVQCR/L22110-16	1335	5516	3718	1750
PSC40-SVQCR/L27120-16	1335	5516	3718	1750
PSC50-SVQCR/L18090-16	1335	5516	3718	1750
PSC50-SVQCR/L22110-16	1335	5516	3718	1750
PSC50-SVQCR/L27140-16	1335	5516	3718	1750
PSC50-SVQCR/L35150-16	1335	5516	3718	1750
PSC63-SVQCR/L22120-16	1335	5516	3718	1750
PSC63-SVQCR/L27145-16	1335	5516	3718	1750
PSC63-SVQCR/L35175-16	1335	5516	3718	1750

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



SI 90°



Characteristics:
PSC with internal coolant.

1) Nm= Insert moment of force.

Ref.	D1	Dm min.	D5m	f1	l1	l3	Nm ¹⁾	Insert	Kg	Screw	L	R	Inserts		
													SA	YE	SY
PSC40-SIR/L12060-16	15.5	20	40	12	60	37	1.7	16 NR/L..		SN3	5510	-	-	-	
PSC40-SIR/L14060-16	18.5	25	40	14	60	38	1.7	16 NR/L..		SN3	5510	YE3	YI3	SY3	
PSC40-SIR/L17070-16	24.5	32	40	17	70	48	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC40-SIR/L22090-16	32.0	40	40	22	90	69	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC40-SIR/L27080-16	39.5	50	40	27	80	60	1.7	16 NR/L..		SA4	5520	YE3	YI3	SY3	
PSC50-SIR/L12060-16	15.5	20	50	12	60	35	1.7	16 NR/L..		SN3	5510	-	-	-	
PSC50-SIR/L14060-16	18.5	25	50	14	60	36	1.7	16 NR/L..		SN3	5510	YE3	YI3	SY3	
PSC50-SIR/L17070-16	24.5	32	50	17	70	47	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC50-SIR/L22090-16	24.5	40	50	22	90	68	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC50-SIR/L27105-16	40.0	50	50	27	105	84	1.7	16 NR/L..		SA4	5520	YE3	YI3	SY3	
PSC63-SIR/L14070-16	18.5	25	63	14	70	42	1.7	16 NR/L..		SN3	5510	YE3	YI3	SY3	
PSC63-SIR/L17075-16	24.5	32	63	17	75	48	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC63-SIR/L22090-16	32.0	40	63	22	90	64	1.7	16 NR/L..		SA3	5510	YE3	YI3	SY3	
PSC63-SIR/L27105-16	40.0	50	63	27	105	80	1.7	16 NR/L..		SA4	5520	YE3	YI3	SY3	
PSC40-SIR/L15065-22	18.5	25	40	15	65	42	3.9	22 NR/L..		SN4	5520	-	-	-	
PSC40-SIR/L19070-22	25.0	32	40	19	70	48	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC40-SIR/L22090-22	31.5	40	40	22	90	69	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC40-SIR/L27080-22	39.5	50	40	27	80	60	3.9	22 NR/L..		SA4	5520	YE4	YI4	SY4	
PSC50-SIR/L15065-22	18.5	25	50	15	65	41	3.9	22 NR/L..		SN4	5520	-	-	-	
PSC50-SIR/L19070-22	25.0	32	50	19	70	47	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC50-SIR/L22090-22	31.5	40	50	22	90	68	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC50-SIR/L27105-22	40.0	50	50	27	105	84	3.9	22 NR/L..		SA4	5520	YE4	YI4	SY4	
PSC63-SIR/L19075-22	25.0	32	63	19	75	48	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC63-SIR/L22090-22	31.5	40	63	22	90	64	3.9	22 NR/L..		SA3	5510	YE4	YI4	SY4	
PSC63-SIR/L27105-22	40.0	50	63	27	105	80	3.9	22 NR/L..		SA4	5520	YE4	YI4	SY4	

Ref.	N R/L		I	d	Negative triangular inserts for external threading.
		16 NR/L..	22 NR/L..	16,00	
			22,00	12,70	
	N R/L	N R/L TD			