NEU/NEW

KATALOG
2024



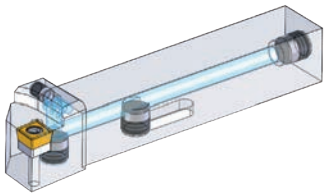
SCHWARZ GmbH

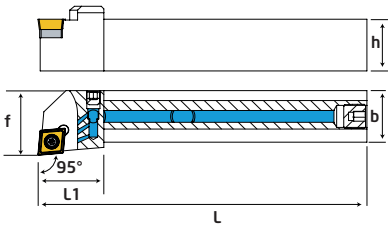
Vollhartmetall Präzisionswerkzeuge

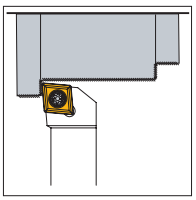
External Turning Holders With Coolant

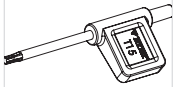
95° SCLCR IC





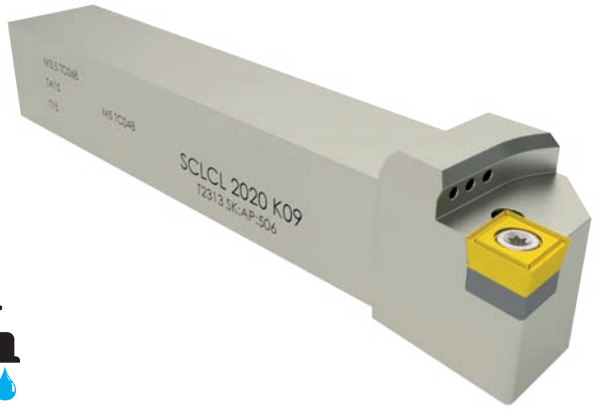


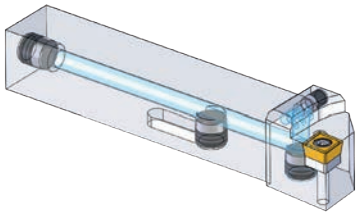


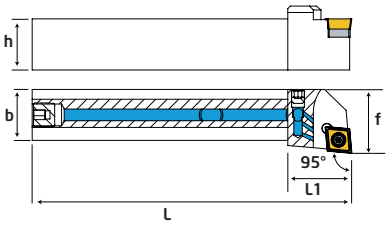
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SCLCR 1616 H09- IK G1/8	100	25	16	20	16	0,205	CCMT 09T3	SW-SS-10	SW-UP-14	SW-GB-1	T15
SCLCR 2020 K09- IK G1/8	125	25	20	25	20	0,418					
SCLCR 2525 M12- IK G1/8	150	30	25	32	25	0,771	CCMT 1204	SW-SS-11	SW-UP-15	SW-GB-2	

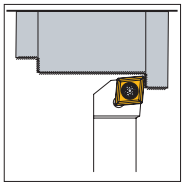
External Turning Holders With Coolant

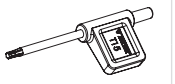
95° SCLCL IC





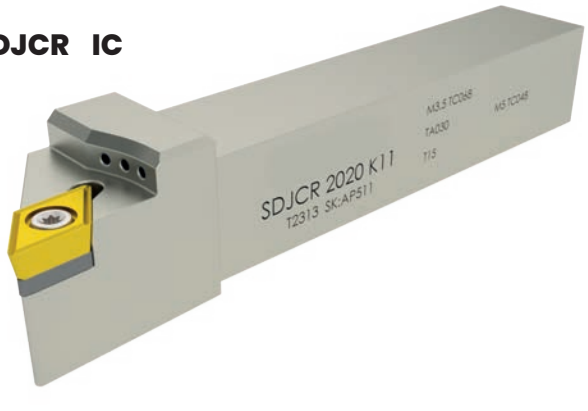


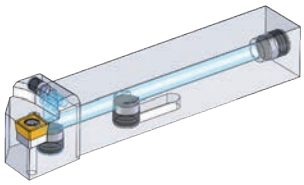


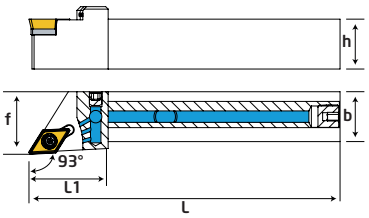
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SCLCL 1616 H09- IK G1/8	100	25	16	20	16	0,205	CCMT 09T3	SW-SS-10	SW-UP-14	SW-GB-1	T15
SCLCL 2020 K09- IK G1/8	125	25	20	25	20	0,418					
SCLCL 2525 M12- IK G1/8	150	30	25	32	25	0,771	CCMT 1204	SW-SS-11	SW-UP-15	SW-GB-2	

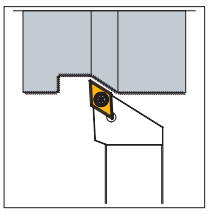
External Turning Holders With Coolant

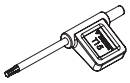
93° SDJCR IC







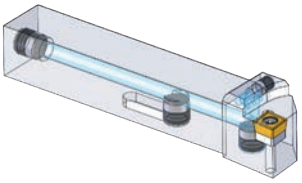


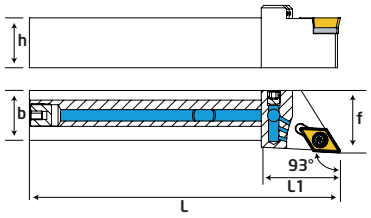
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDJCR 1616 H11- IK G1/8	100	32	16	20	16	0,204	DCMT 11T3	SW-SS-10	SW-UP-16	SW-GB-1	T15
SDJCR 2020 K11- IK G1/8	125	32	20	25	20	0,404					
SDJCR 2525 M11- IK G1/8	150	35	25	32	25	0,735					

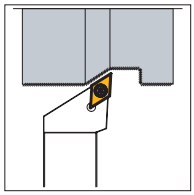
External Turning Holders With Coolant

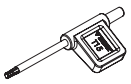
93° SDJCL IC







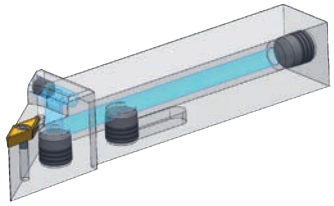


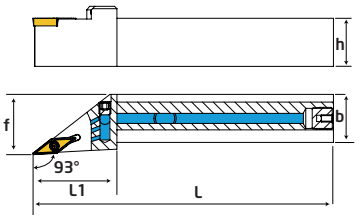
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDJCL 1616 H11- IK G1/8	100	32	16	20	16	0,204	DCMT 11T3	SW-SS-10	SW-UP-16	SW-GB-1	T15
SDJCL 2020 K11- IK G1/8	125	32	20	25	20	0,404					
SDJCL 2525 M11- IK G1/8	150	35	25	32	25	0,735					

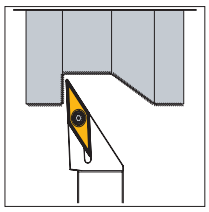
External Turning Holders With Coolant

93° SVJCR IC







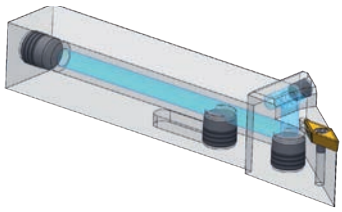


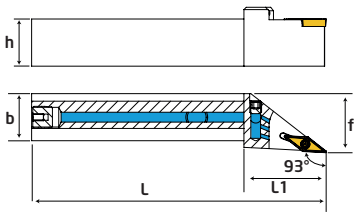
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJCR 1616 H11- IK G1/8	100	25	16	20	16	0,204	VCMT 1103	SW-SS-12	---	---	T8
SVJCR 2020 K11- IK G1/8	125	33	20	25	20	0,378					
SVJCR 2020 K16- IK G1/8	125	33	20	25	20	0,385	VCMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJCR 2525 M16- IK G1/8	150	40	25	32	25	0,683					

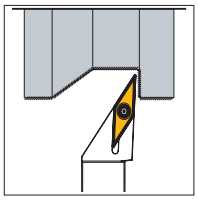
External Turning Holders With Coolant

93° SVJCL IC







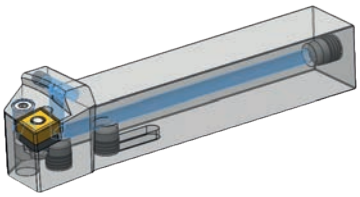


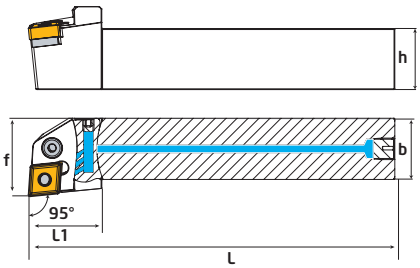
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	im U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJCL 1616 H11- IK G1/8	100	25	16	20	16	0,204	VCMT 1103	SW-SS-12	---	---	T8
SVJCL 2020 K11- IK G1/8	125	33	20	25	20	0,378					
SVJCL 2020 K16- IK G1/8	125	33	20	25	20	0,385	VCMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJCL 2525 M16- IK G1/8	150	40	25	32	25	0,683					

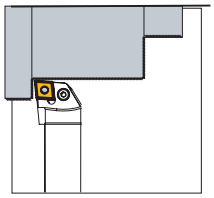
External Turning Holders With Coolant

95° PCLNR IC







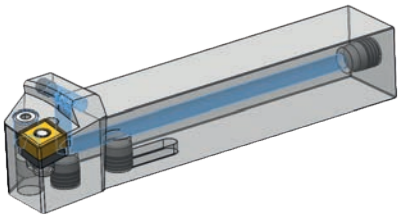


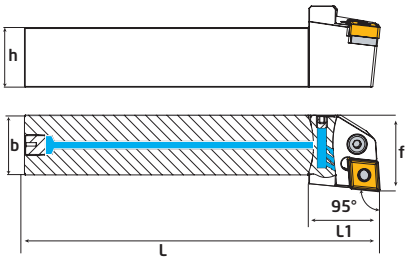
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key In-buss-Schlüs-sel
	L	L1	h	f	b	kg						
PCLNR 1616 H12- IK G1/8	100	28	16	20	16	0,236	CNMG 1204	SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
PCLNR 2020 K12 - IK G1/8	125	28	20	25	20	0,428	CNMG 1204		SW-UP-2	SW-RS-2	SW-KH-1	
PCLNR 2525 M12 - IK G1/8	150	30	25	32	25	0,781						

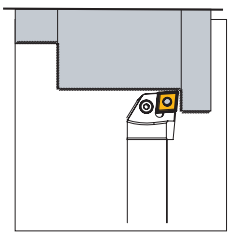
External Turning Holders With Coolant

95° PCLNL IC





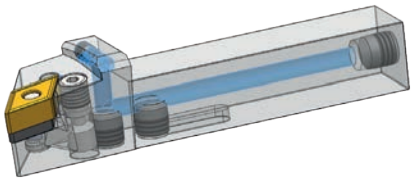




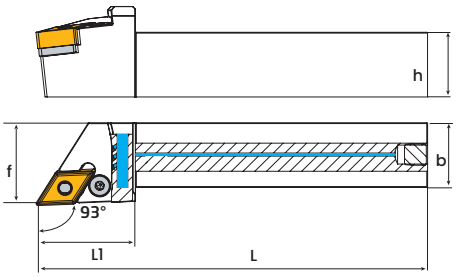
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key
	L	L1	h	f	b	kg						
PCLNL 1616 H12 - IK G1/8	100	28	16	20	16	0,236	CNMG 1204	SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
PCLNL 2020 K12 - IK G1/8	125	28	20	25	20	0,428	CNMG 1204		SW-UP-2	SW-RS-2	SW-KH-1	
PCLNL 2525 M12 - IK G1/8	150	30	25	32	25	0,781						

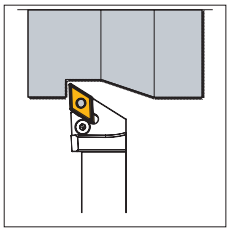
External Turning Holders With Coolant

93° PDJNR IC



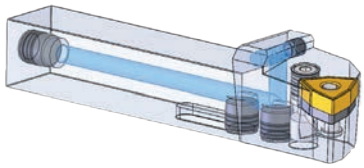






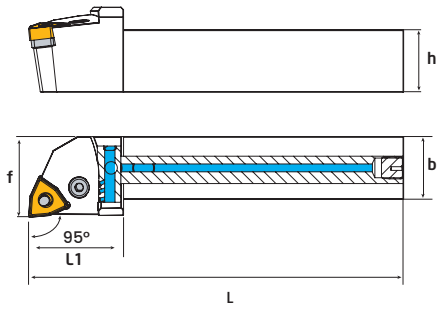
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehe-bel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PDJNR 2020 K15-ICG1/8	125	40	20	25	20	0,409	DNMG 1506	SW-SS-1	SW-UP-7	SW-RS-2	SW-KH-7	3mm
PDJNR 2525 M15-ICG1/8	150	40	25	32	25	0,759	DNMG 1506	SW-SS-1	SW-UP-7			

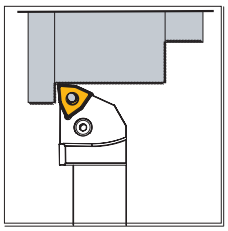
External Turning Holders With Coolant



95° PWLNR 08 IC

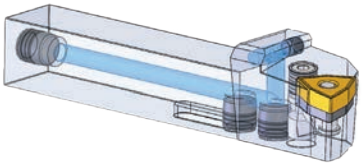






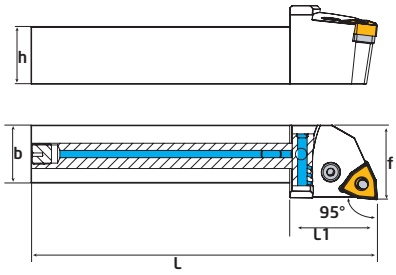
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PWLNR 2020 K08-ICG1/8	125	30	20	25	20	0,425	WNMG 0804	SW-SS-1	SW-UP-12	SW-RS-2	SW-KH-1	3mm
PWLNR 2525 M08-ICG1/8	150	38	25	32	25	0,782						

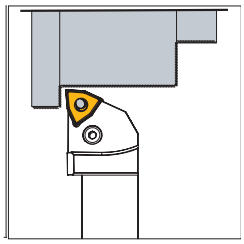
External Turning Holders With Coolant



95° PWLNL 08 IC







Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehe-bel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PWLNL 2020 K08-ICG1/8	125	30	20	25	20	0,425	WNMG 0804	SW-SS-1	SW-UP-12	SW-RS-2	SW-KH-1	3mm
PWLNL 2525 M08-ICG1/8	150	38	25	32	25	0,782						

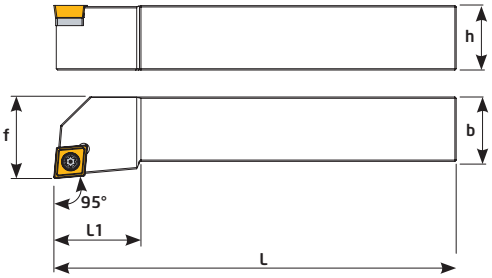
S System External Turning Holders
S System Klemmhalter

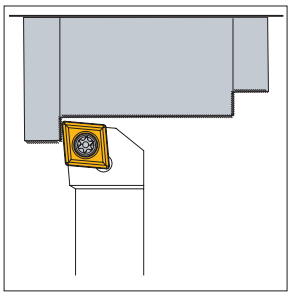


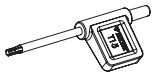
SCHWARZ GmbH
Vollhartmetall Präzisionswerkzeuge

95° SCLCR



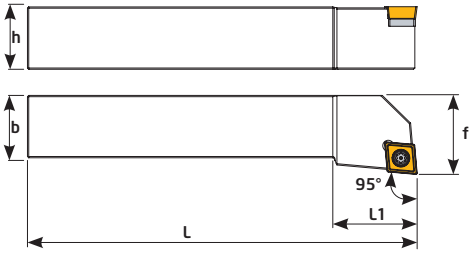


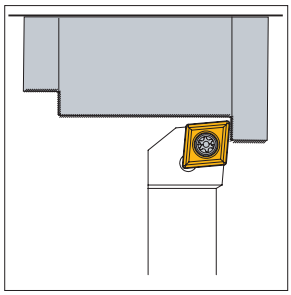


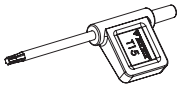
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SCLCR 1010 J06	110	10	10	12	10	0,105	CC-- 0602	SW-SS-12	---	---	T8
SCLCR 1212 J09	110	16	12	16	12	0,140	CC-- 09T3	SW-SS-10			T15
SCLCR 1616 H09	100	20	16	20	16	0,215		SW-SS-10	SW-UP-14	SW-GB-1	
SCLCR 2020 K09	125	25	20	25	20	0,425					
SCLCR 2525 M09	150	25	25	32	25	0,772					
SCLCR 2020 K12	125	25	20	25	20	0,421	CC-- 1204	SW-SS-11	SW-UP-15	SW-GB-2	
SCLCR 2525 M12	150	25	25	32	25	0,768					

95° SCLCL



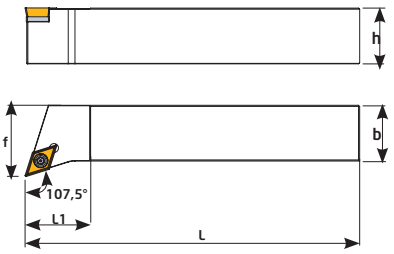


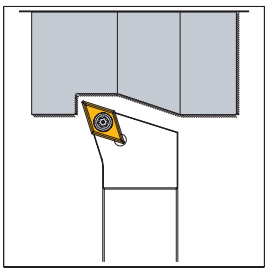


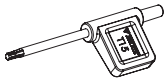
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SCLCL 1010 J06	110	10	10	12	10	0,105	CC-- 0602	SW-SS-12	---	---	T8
SCLCL 1212 J09	110	16	12	16	12	0,140	CC-- 09T3	SW-SS-10			T15
SCLCL 1616 H09	100	20	16	20	16	0,215		SW-SS-10	SW-UP-14	SW-GB-1	
SCLCL 2020 K09	125	25	20	25	20	0,425					
SCLCL 2525 M09	150	25	25	32	25	0,772					
SCLCL 2020 K12	125	25	20	25	20	0,421	CC-- 1204	SW-SS-11	SW-UP-15	SW-GB-2	
SCLCL 2525 M12	150	25	25	32	25	0,768					

107,5° SDHCR



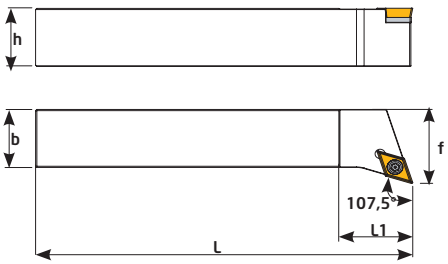


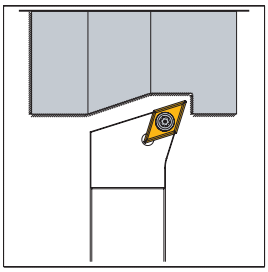


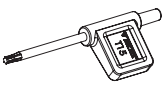
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDHCR 2020 K11	125	25	20	25	20	0,411	DCMT 11T3	SW-SS-10	SW-UP-16	SW-GB-1	T15
SDHCR 2525 M11	150	25	25	32	25	0,738					

107,5° SDHCL



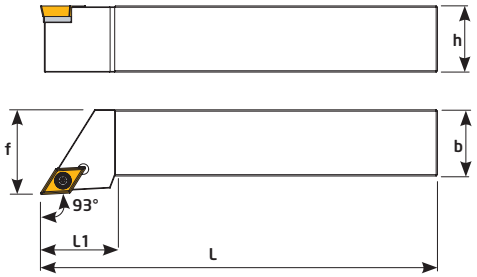


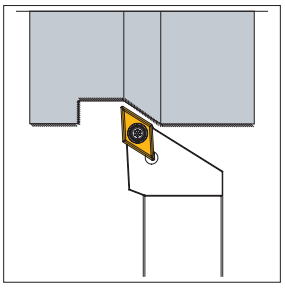


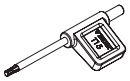
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDHCL 2020 K11	125	25	20	25	20	0,411	DCMT 11T3	SW-SS-10	SW-UP-16	SW-GB-1	T15
SDHCL 2525 M11	150	25	25	32	25	0,738					

93° SDJCR



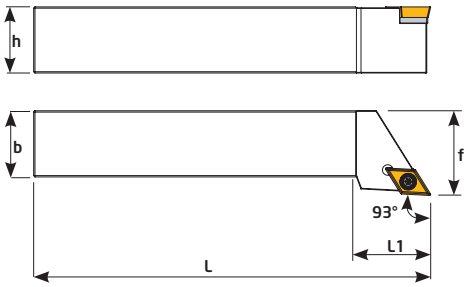


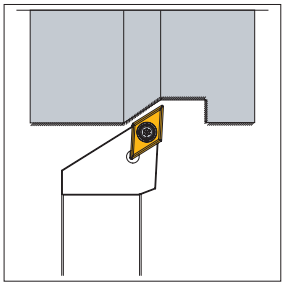


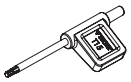
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDJCR 1010 J07	110	15	10	12	10	0,097	DCMT 0702	SW-SS-12	---	---	T8
SDJCR 1212 J11	110	20	12	16	12	0,132	DCMT 11T3	SW-SS-12	---	---	T15
SDJCR 1616 H11	100	25	16	20	16	0,204		SW-SS-10	SW-UP-16	SW-GB-1	
SDJCR 2020 K11	125	25	20	25	20	0,404					
SDJCR 2525 M11	150	30	25	32	25	0,735					

93° SDJCL

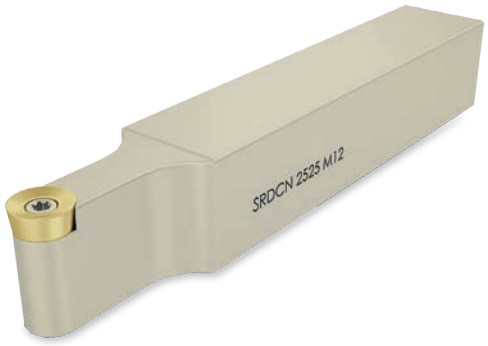


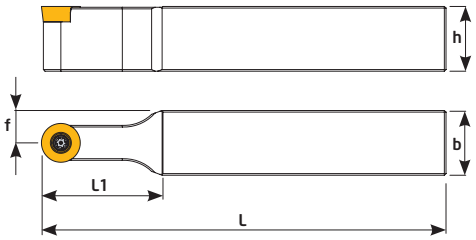


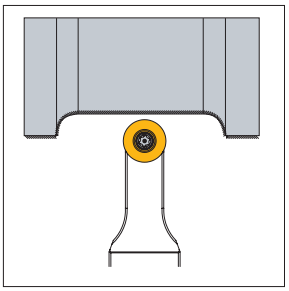


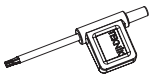
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SDJCL 1010 J07	110	15	10	12	10	0,097	DCMT 0702	SW-SS-12	---	---	T8
SDJCL 1212 J11	110	20	12	16	12	0,132	DCMT 11T3	SW-SS-12	---	---	T15
SDJCL 1616 H11	100	25	16	20	16	0,204		SW-SS-10	TA030	SW-UP-16	
SDJCL 2020 K11	125	25	20	25	20	0,404					
SDJCL 2525 M11	150	30	25	32	25	0,735					

SRDCN



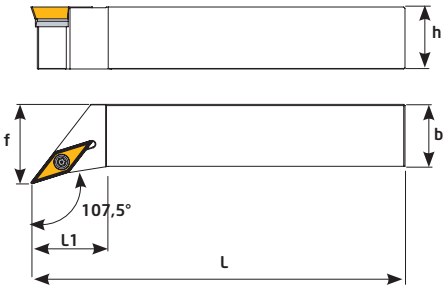


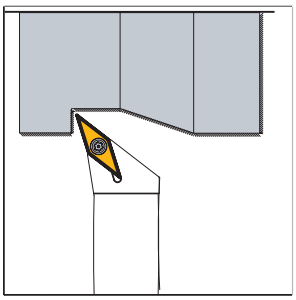


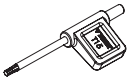
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg			
SRDCN 2020 K08	125	37	20	10	20	0,358	RCMT 0803	SW-SS-13	T8
SRDCN 2525 M08	150	37	25	12.5	25	0,653			
SRDCN 2020 K10	125	35	20	10	20	0,370	RCMT 10T3	SW-SS-10	T15
SRDCN 2525 M10	150	35	25	12.5	25	0,670			
SRDCN 2020 K12	125	38	20	10	20	0,372	RCMT 1204		
SRDCN 2525 M12	150	38	25	12.5	25	0,668			

107,5 SVHBR



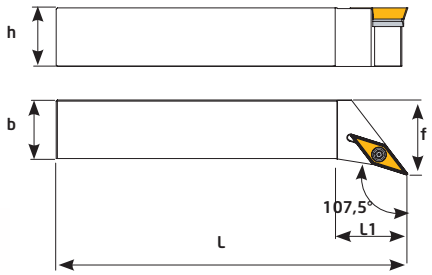


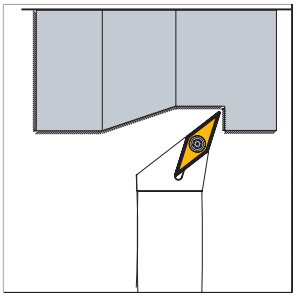


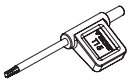
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	AShim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVHBR 2020 K16	125	30	20	25	20	0,387	VBMT 1604	SW-SS-12	SW-UP-22	SW-GB-1	T15
SVHBR 2525 M16	150	30	25	32	25	0,712					

107,5 SVHBL



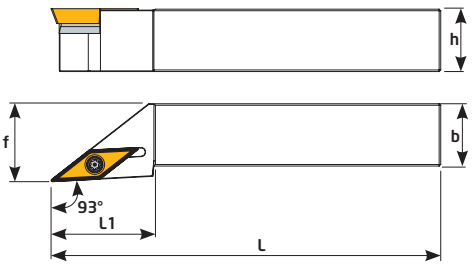


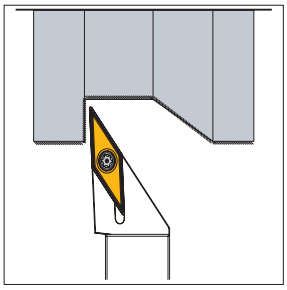


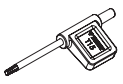
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVHBL 2020 K16	125	30	20	25	20	0,387	VBMT 1604	SW-SS-12	SW-UP-22	SW-GB-1	T15
SVHBL 2525 M16	150	30	25	32	25	0,712					

93° SVJBR



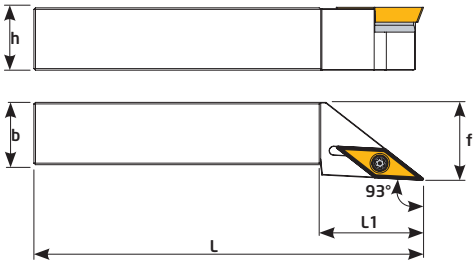


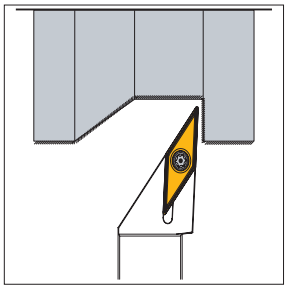


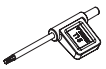
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJBR 1616 H11	100	25	16	20	16	0,192	VBMT 1103	SW-SS-12	---	---	T8
SVJBR 2020 K16	125	33	20	25	20	0,382	VBMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJBR 2525 M16	150	40	25	32	25	0,688					

93° SVJBL

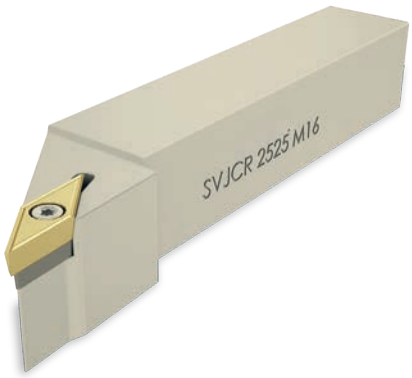


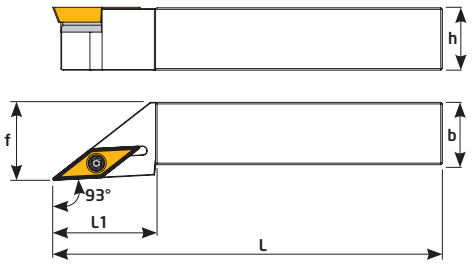


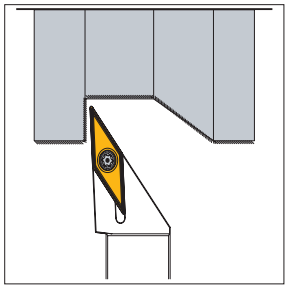


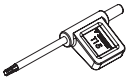
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJBL 1616 H11	100	25	16	20	16	0,192	VBMT 1103	SW-SS-12	---	---	T8
SVJBL 2020 K16	125	33	20	25	20	0,382	VBMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJBL 2525 M16	150	40	25	32	25	0,688					

93° SVJCR

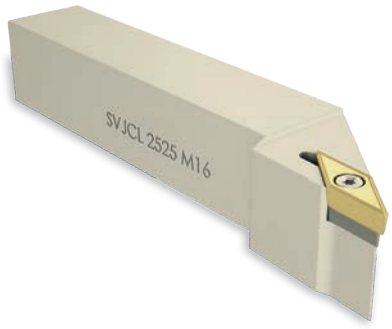


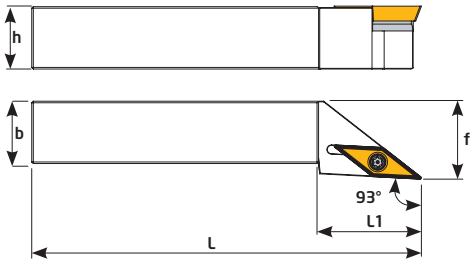


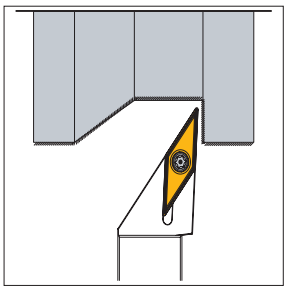


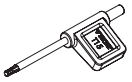
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJCR 1212 J11	110	21	12	16	12	0,135	VCMT 1103	SW-SS-12	---	---	T8
SVJCR 1616 H11	100	25	16	20	16	0,204					
SVJCR 2020 K11	125	33	20	25	20	0,378					
SVJCR 2525 M11	150	40	25	32	25	0,738					
SVJCR 2020 K16	125	33	20	25	20	0,385	VCMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJCR 2525 M16	150	40	25	32	25	0,683					

93° SVJCL



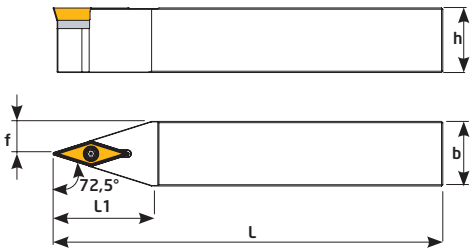


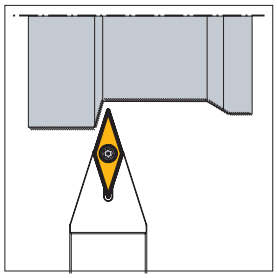


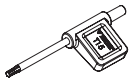
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVJCL 1212 J11	110	21	12	16	12	0,135	VCMT 1103	SW-SS-12	---	---	T8
SVJCL 1616 H11	100	25	16	20	16	0,204					
SVJCL 2020 K11	125	33	20	25	20	0,378					
SVJCL 2525 M11	150	40	25	32	25	0,738					
SVJCL 2020 K16	125	33	20	25	20	0,385	VCMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVJCL 2525 M16	150	40	25	32	25	0,683					

72,5° SVVBN



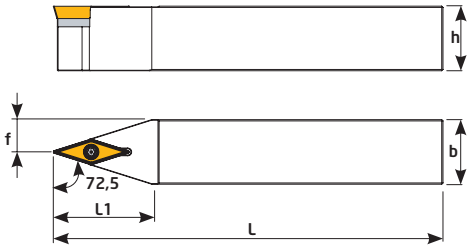


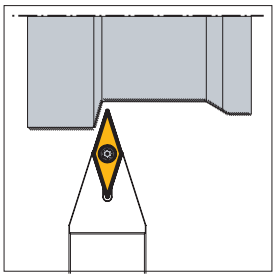


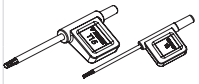
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVVBN 1212 J11	110	25	12	6	12	0,129	VBMT 1103	SW-SS-12	---	---	T8
SVVBN 2020 K16	125	35	20	10	20	0,370	VBMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVVBN 2525 M16	150	40	25	12,5	25	0,668					

72,5° SVVCN



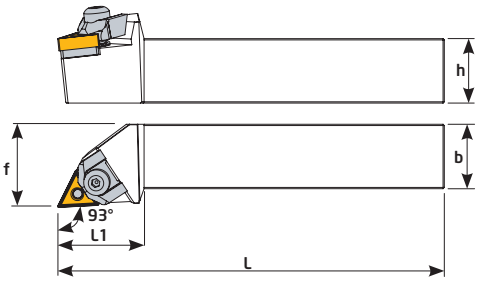


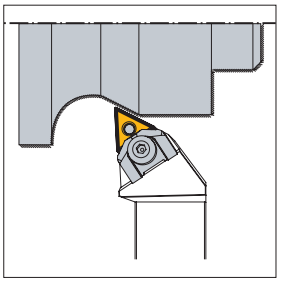


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Shim U-Platte	Shim Screw U-Platte Schraube	Torx Key Torx-Schlüssel
	L	L1	h	f	b	kg					
SVVCN 1212 J11	110	22	12	6	12	0,127	VC-- 1103	SW-SS-12	---	---	T8
SVVCN 2020 K16	125	35	20	10	20	0,373	VCMT 1604	SW-SS-10	SW-UP-22	SW-GB-1	T15
SVVCN 2525 M16	150	40	25	12,5	25	0,675					

93° MTJNR



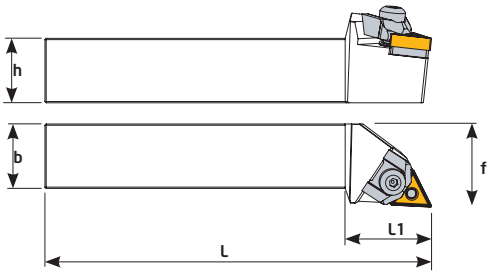


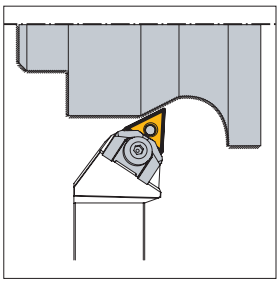


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Locking Screw Verriegelungs Schraube	Shim U-Platte	Lock Pin Rohrstift	Clamp Spann pratze	Spring Feder	Washer U-Scheibe	Allen Key In-buss-Schlüs-sel
	L	L1	h	f	b	kg								
MTJNR 2020 K16	125	35	20	25	20	0,429	TN-- 1604	TC046 M5	SW-UP-1	SW-RS-1	SW-KL-1	BY043	BSP031	3 Mm
MTJNR 2525 M16	150	35	25	32	25	0,760								

93° MTJNL



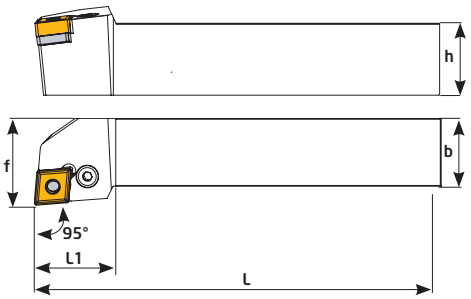


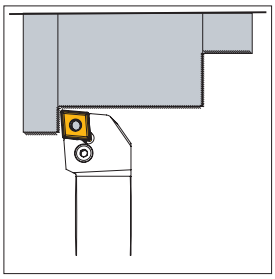


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Locking Screw Verriege-lungs Schraube	Shim U-Platte	Lock Pin Rohrstift	Clamp Spann pratze	Spring Feder	Washer U-Schei-be	Allen Key Inbuss-Schlüs-sel
	L	L1	h	f	b	kg								
MTJNL 2020 K16	125	35	20	25	20	0,429	TN-- 1604	TC046 M5	SW-UP-1	SW-RS-1	SW-KL-1	BY043	BSP031	3 Mm
MTJNL 2525 M16	150	35	25	32	25	0,760								

95° PCLNR



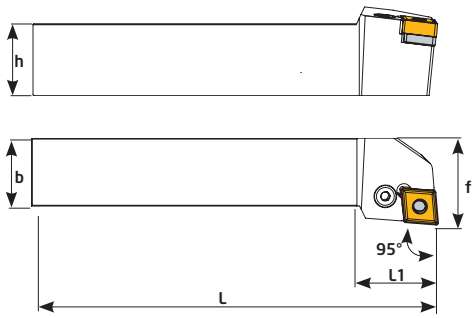


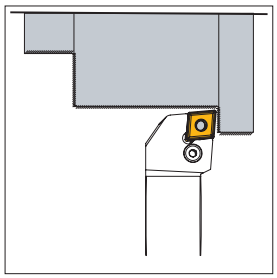


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehe-bel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PCLNR 1616 H09	100	20	16	20	16	0,231	CNMG 09T3	SW-SS-6	SW-UP-3	SW-RS-5	SW-KH-8	2,5 Mm
PCLNR 2020 K09	125	22	20	25	20	0,428						
PCLNR 2525 M09	150	22	25	32	25	0,785						
PCLNR 1616 H12	100	30	16	20	16	0,225	CNMG 1204	SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
PCLNR 2020 K12	125	30	20	25	20	0,421		SW-SS-1				
PCLNR 2525 M12	150	30	25	32	25	0,766						
PCLNR 3232 P12	170	30	32	40	32	1,429						

95° PCLNL



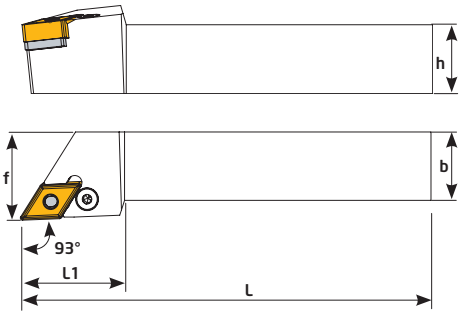


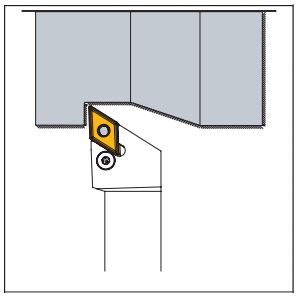


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehe-bel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PCLNL 1616 H09	100	20	16	20	16	0,231	CNMG 09T3	SW-SS-6	SW-UP-3	SW-RS-5	SW-KH-8	2,5 Mm
PCLNL 2020 K09	125	22	20	25	20	0,428						
PCLNL 2525 M09	150	22	25	32	25	0,785						
PCLNL 1616 H12	100	30	16	20	16	0,225	CNMG 1204	SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
PCLNL 2020 K12	125	30	20	25	20	0,421		SW-SS-1				
PCLNL 2525 M12	150	30	25	32	25	0,766						
PCLNL 3232 P12	170	30	32	40	32	1,429						

93° PDJNR



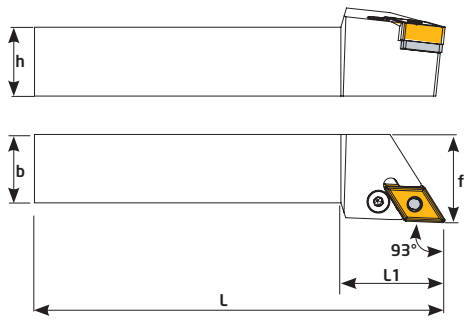


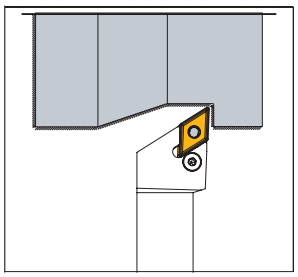


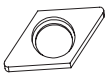
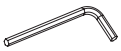
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key In-buss-Schlüs-sel
	L	L1	h	f	b	kg						
PDJNR 1616 H11	100	25	16	25	16	0,242	DNMG 1104	SW-SS-6	SW-UP-6	SW-RS-5	SW-KH-8	2,5 Mm
PDJNR 2020 K11	125	30	20	25	20	0,435		SW-SS-6				
PDJNR 2525 M11	150	30	25	32	25	0,767						
PDJNR 2020 K15	125	35	20	25	20	0,402	DNMG 1506	SW-SS-1	SW-UP-7	SW-RS-2	SW-KH-1B	3 Mm
PDJNR 2525 M15	150	38	25	32	25	0,730		SW-SS-1				
PDJNR 3232 P15	170	38	32	40	32	1,384						

93° PDJNL



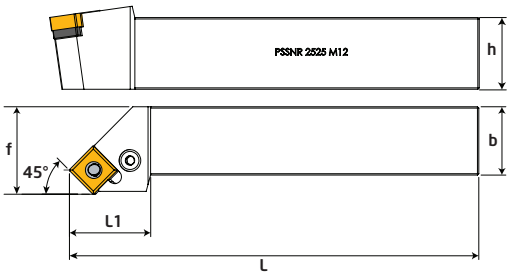


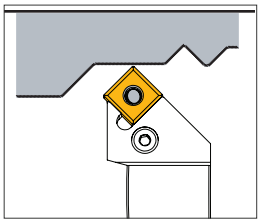


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PDJNL 1616 H11	100	25	16	25	16	0,242	DNMG 1104	SW-SS-6	SW-UP-6	SW-RS-5	SW-KH-8	2,5 Mm
PDJNL 2020 K11	125	30	20	25	20	0,435		SW-SS-6				
PDJNL 2525 M11	150	30	25	32	25	0,767						
PDJNL 2020 K15	125	35	20	25	20	0,402	DNMG 1506	SW-SS-1	SW-UP-7	SW-RS-2	SW-KH-1B	3 Mm
PDJNL 2525 M15	150	38	25	32	25	0,730		SW-SS-1				
PDJNL 3232 P15	170	38	32	40	32	1,384						

45° PSSNR



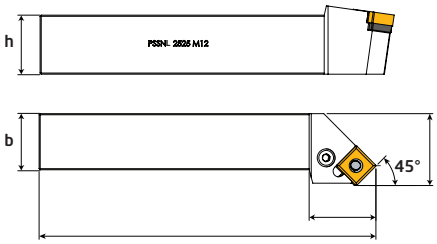


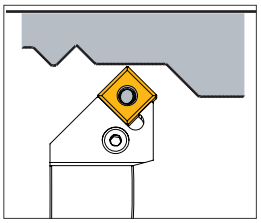


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	Kg						
PSSNR 1616 H12	100	30	16	20	16	0,218	SNMG 1204	SW-SS-1	SW-UP-8	SW-RS-2	SW-KH-1	3 Mm
PSSNR 2525 M12	150	30	25	32	25	0,742		SW-SS-1				

45° PSSNL

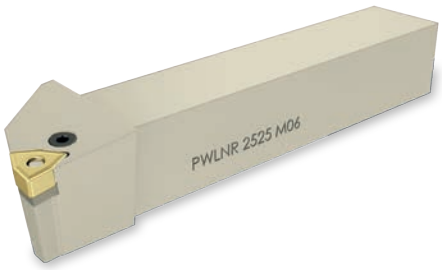


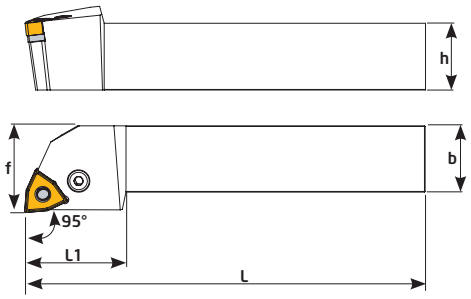


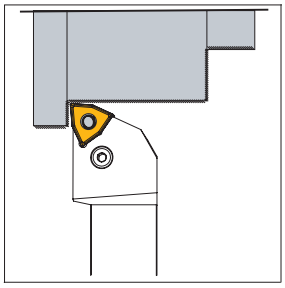


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	Kg						
PSSNL 2020 K12	125	30	20	25	20	0,416	SNMG 1204	SW-SS-1	SW-UP-8	SW-RS-2	SW-KH-1	3 Mm
PSSNL 2525 M12	150	30	25	32	25	0,742						

95° PWLNR 06



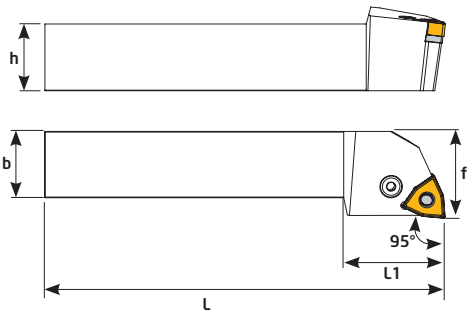


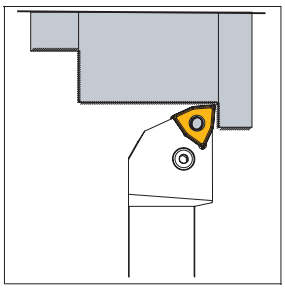


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PWLNR 1616 H06	100	30	16	20	16	0,223	WNMG 0604	SW-SS-6	TA021	SW-RS-5	SW-KH-8	2,5 Mm
PWLNR 2020 K06	125	30	20	25	20	0,429						
PWLNR 2020 K08	125	30	20	25	20	0,430	WNMG 0804	SW-SS-1	TA020-1	SW-RS-2	SW-KH-1	3 Mm
PWLNR 2525 M06	150	30	25	32	25	0,758	WNMG 0604	SW-SS-6	TA021	SW-RS-5	SW-KH-8	2,5 Mm
PWLNR 2525 M08	150	38	25	32	25	0,773	WNMG 0804	SW-SS-1	TA020-1	SW-RS-2	SW-KH-1	3 Mm
PWLNR 3232 P08	170	38	32	40	32	1,421						

95° PWLNL 06

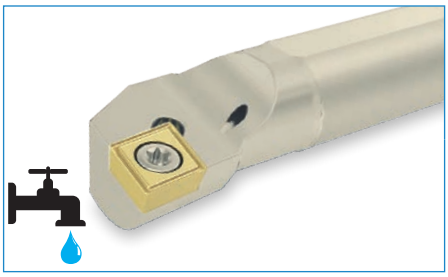




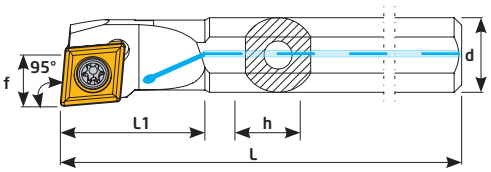


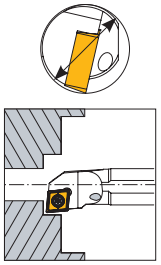
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	L	L1	h	f	b	kg						
PWLNL 1616 H06	100	30	16	20	16	0,223	WNMG 0604	SW-SS-6	TA021	SW-RS-5	SW-KH-8	2,5 Mm
PWLNL 2020 K06	125	30	20	25	20	0,429						
PWLNL 2020 K08	125	30	20	25	20	0,430	WNMG 0804	SW-SS-1	TA020-1	SW-RS-2	SW-KH-1	3 Mm
PWLNL 2525 M06	150	30	25	32	25	0,758	WNMG 0604	SW-SS-6	TA021	SW-RS-5	SW-KH-8	2,5 Mm
PWLNL 2525 M08	150	38	25	32	25	0,773	WNMG 0804	SW-SS-1	TA020-1	SW-RS-2	SW-KH-1	3 Mm
PWLNL 3232 P08	170	38	32	40	32	1,421						

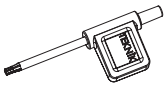
95° SCLCR IC



Boring Bars With Coolant



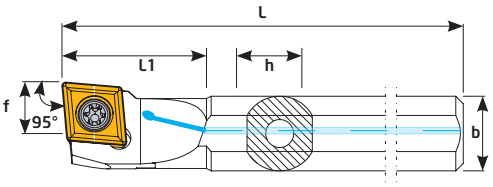


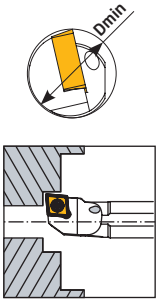
Product Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A08H SCLCR 06	10	8	100	16	5,5	7	0,050	CC-- 0602	SW-SS-16	T8
A10J SCLCR 06	12	10	110	20	6	9	0,074			
A12K SCLCR 06	16	12	125	25	9	11	0,113			
A16Q SCLCR 09	20	16	180	30	11	15	0,260	CC-- 09T3	SW-SS-17	T15
A20Q SCLCR 09	25	20	180	40	13	18	0,422			

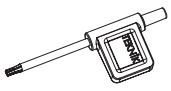
Boring Bars With Coolant

95° SCLCL IC



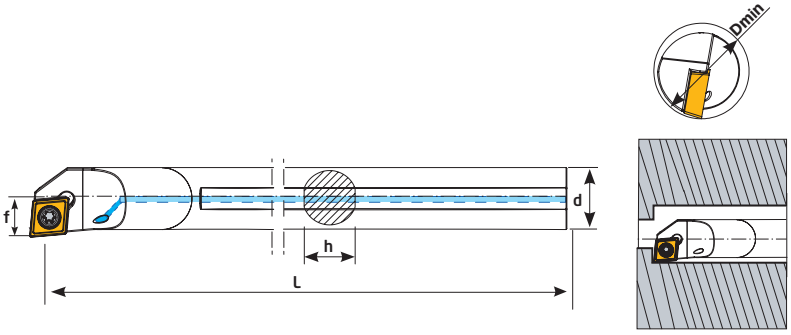




Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A08H SCLCL 06	10	8	100	16	5,5	7	0,050	CC-- 0602	SW-SS-16	T8
A10J SCLCL 06	12	10	110	20	6	9	0,074			
A12K SCLCL 06	16	12	125	25	9	11	0,113			
A16Q SCLCL 09	20	16	180	30	11	15	0,260	CC-- 09T3	SW-SS-17	T15
A20Q SCLCL 09	25	20	180	40	13	18	0,422			

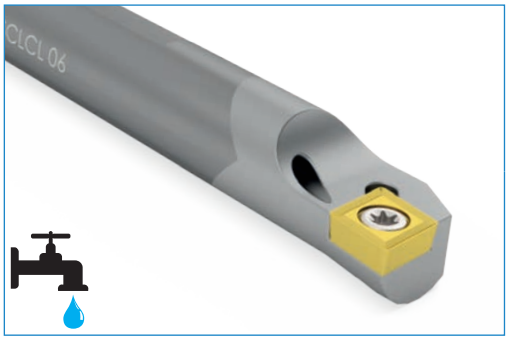
95° E-SCLCR IC

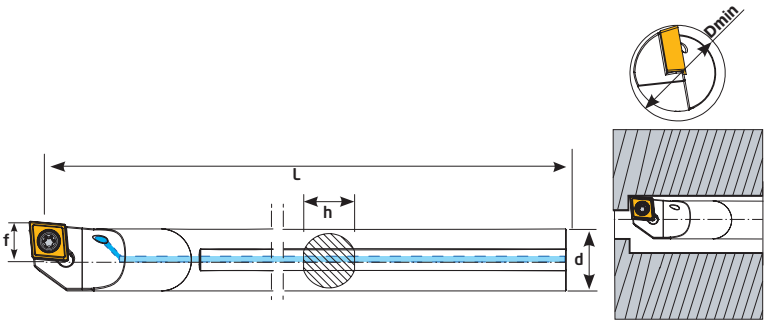




Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E08K SCLCR 06	10	8	125	5	7,5	0,050	CC-- 0602	SW-SS-16	T8
E10K SCLCR 06	12	10	125	6	9,5	0,100			
E12M SCLCR 06	16	12	150	7	11,5	0,200			
E16R SCLCR 09	20	16	200	10	15,5	0,500	CCMT 09T3	SW-SS-17	T15
E20S SCLCR 09	25	20	250	13	19,5	0,950			

95° E-SCLCL IC



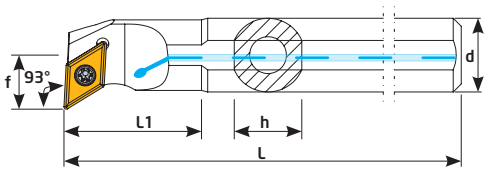


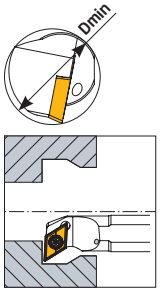
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E08K SCLCL 06	10	8	125	5	7,5	0,050	CC-- 0602	SW-SS-16	T8
E10K SCLCL 06	12	10	125	6	9,5	0,100			
E12M SCLCL 06	16	12	150	7	11,5	0,200			
E16R SCLCL 09	20	16	200	10	15,5	0,500	CCMT 09T3	SW-SS-17	T15
E20S SCLCL 09	25	20	250	13	19,5	0,950			

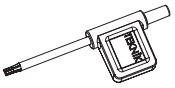
93° SDUCR IC

Boring Bars With Coolant



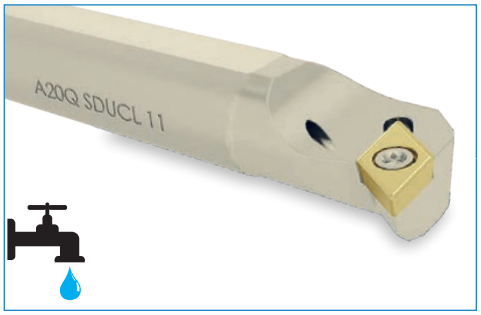


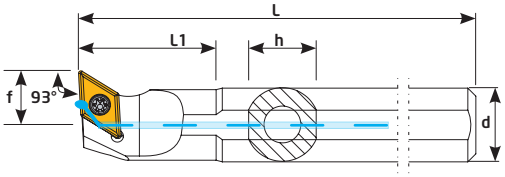


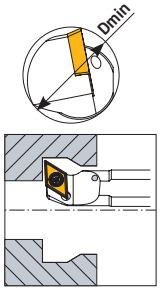
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A10J SDUCR 07	12	10	110	20	7	9	0,080	DC--0702	SW-SS-16	T8
A12K SDUCR 07	16	12	125	25	9	11	0,120			
A16Q SDUCR 07	20	16	180	30	11	15	0,263			
A20Q SDUCR 11	25	20	180	32	13	18	0,432	DC--11T3	SW-SS-17	T15
A25R SDUCR 11	32	25	200	40	17	23	0,746			
A32T SDUCR 11	40	32	300	45	22	30	1,924			

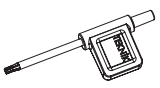
93° SDUCL IC

Boring Bars With Coolant



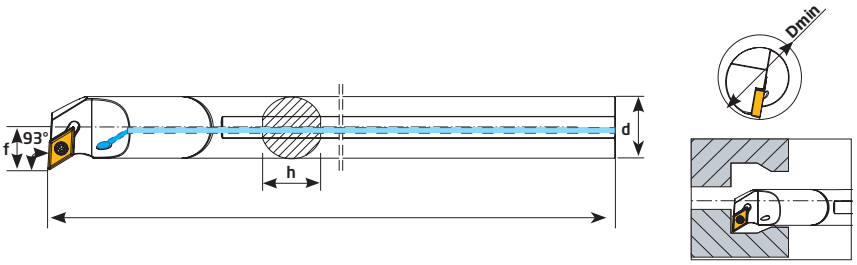


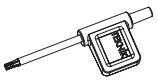


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A10J SDUCL 07	12	10	110	20	7	9	0,080	DC--0702	SW-SS-16	T8
A12K SDUCL 07	16	12	125	25	9	11	0,120			
A16Q SDUCL 07	20	16	180	30	11	15	0,263			
A20Q SDUCL 11	25	20	180	32	13	18	0,432	DC--11T3	SW-SS-17	T15
A25R SDUCL 11	32	25	200	40	17	23	0,746			
A32T SDUCL 11	40	32	300	45	22	30	1,924			

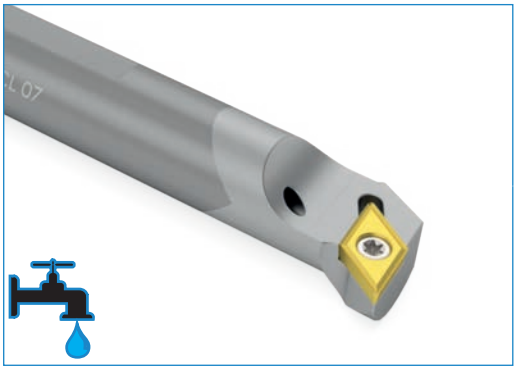
93° E-SDUCR IC

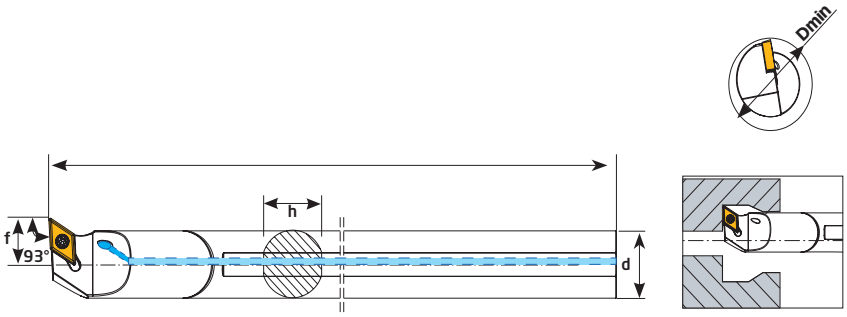


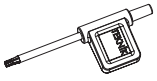


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E10K SDUCR 07	13	10	125	7	9,5	0,050	DCMT 0702	SW-SS-16	T8
E12M SDUCR 07	16	12	150	9	11,5	0,100			
E16R SDUCR 07	20	16	200	11	15,5	0,200			
E20S SDUCR 11	25	20	250	13	19,5	0,950	DCMT 11T3	SW-SS-17	T15

93° E-SDUCL IC

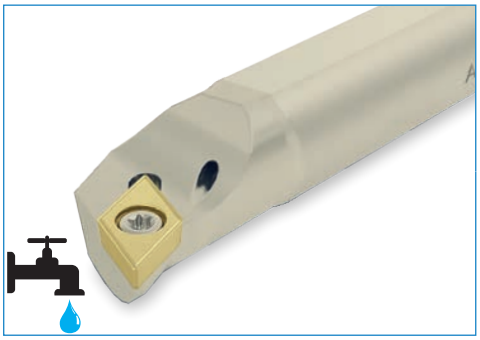


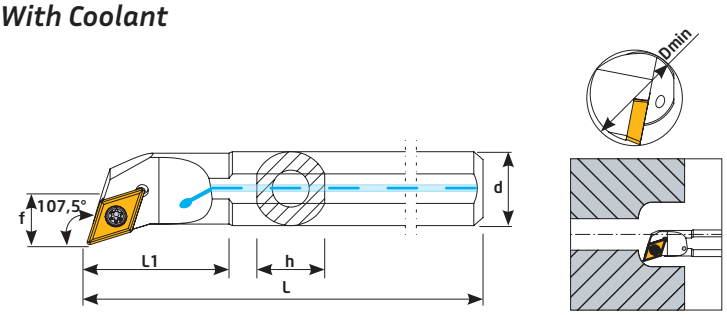


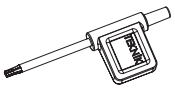
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E10K SDUCL 07	13	10	125	7	9,5	0,050	DCMT 0702	SW-SS-16	T8
E12M SDUCL 07	16	12	150	9	11,5	0,100			
E16R SDUCL 07	20	16	200	11	15,5	0,200			
E20S SDUCL 11	25	20	250	13	19,5	0,950	DCMT 11T3	SW-SS-17	T15

107,5° SDQCR IC

Boring Bars With Coolant



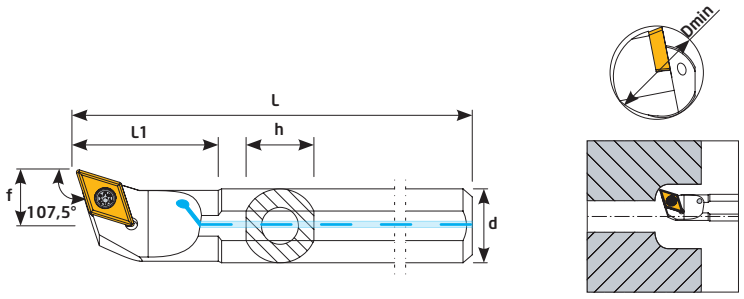


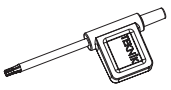
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A10J SDQCR 07	12	10	110	20	7	9	0,074	DC--0702	SW-SS-16	T8
A12K SDQCR 07	16	12	125	25	9	11	0,110			
A16Q SDQCR 07	20	16	180	30	11	15	0,282			
A20Q SDQCR 11	25	20	180	32	13	18	0,425	DC--11T3	SW-SS-17	T15
A25R SDQCR 11	32	25	200	40	17	23	0,738			

107,5° SDQCL IC

Boring Bars With Coolant

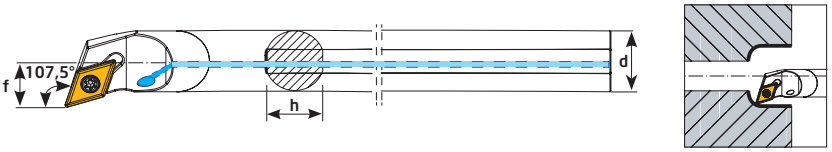




Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A10J SDQCL 07	12	10	110	20	7	9	0,074	DC--0702	SW-SS-16	T8
A12K SDQCL 07	16	12	125	25	9	11	0,110			
A16Q SDQCL 07	20	16	180	30	11	15	0,282			
A20Q SDQCL 11	25	20	180	32	13	18	0,425	DC--11T3	SW-SS-17	T15
A25R SDQCL 11	32	25	200	40	17	23	0,738			

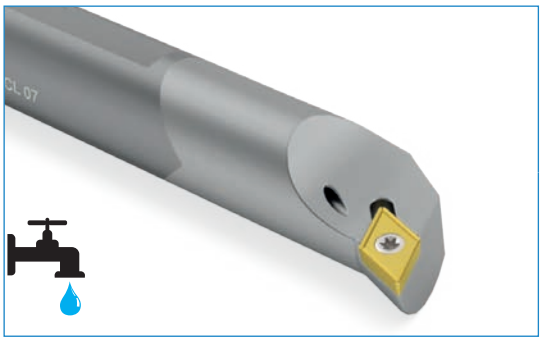
107,5° E-SDQCR IC

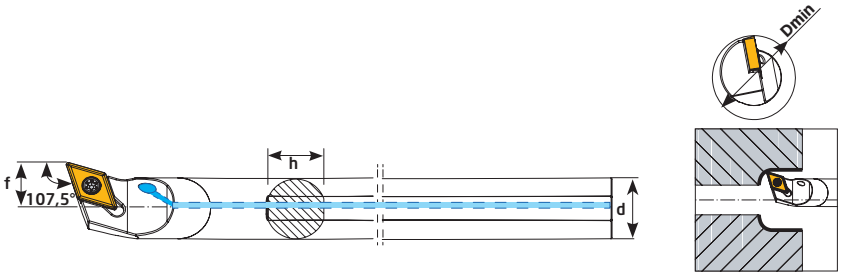




Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E10K SDQCR 07	13	10	125	7	9,5	0,050	DCMT 0702	SW-SS-16	T8
E12M SDQCR 07	16	12	150	9	11,5	0,100			
E16R SDQCR 07	20	16	200	11	15,5	0,200			
E20S SDQCR 11	25	20	250	13	19,5	0,950	DCMT 11T3	SW-SS-17	T15

107,5° E-SDQCL IC

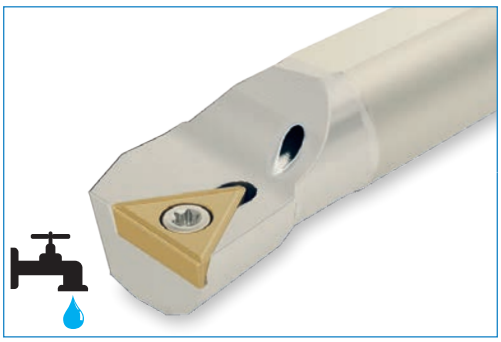


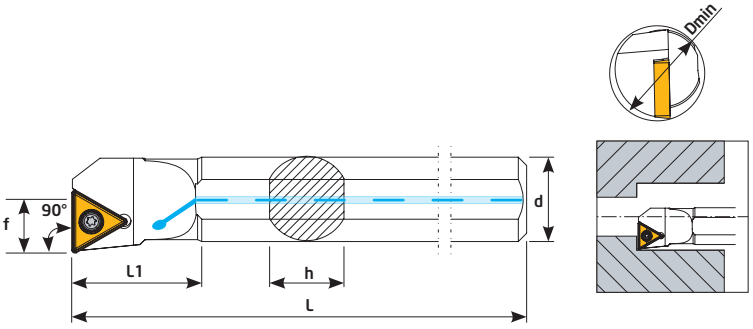


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)						Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	f	h	kg			
E10K SDQCL 07	13	10	125	7	9,5	0,050	DCMT 0702	SW-SS-16	T8
E12M SDQCL 07	16	12	150	9	11,5	0,100			
E16R SDQCL 07	20	16	200	11	15,5	0,200			
E20S SDQCL 11	25	20	250	13	19,5	0,950	DCMT 11T3	SW-SS-17	T15

90° STFCR IC

Boring Bars With Coolant

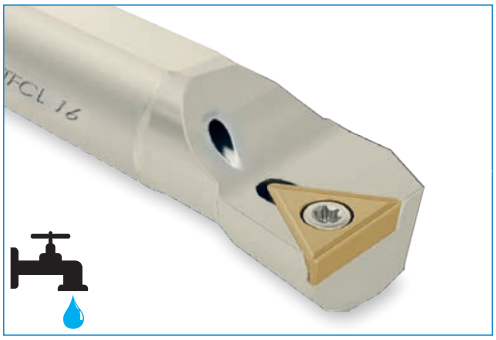


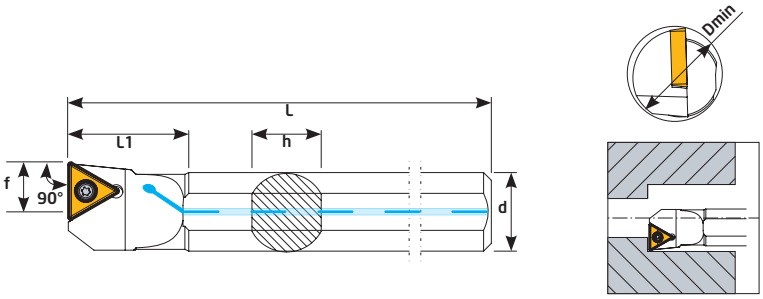


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A12K STFCR 11	16	12	125	25	9	11	0,053	TCMT 1102	SW-SS-16	T8
A16Q STFCR 11	20	16	180	30	11	15	0,289			
A20Q STFCR 16	25	20	180	32	13	18	0,440	TCMT 16T3	SW-SS-17	T15
A25R STFCR 16	32	25	200	40	16	23	0,754			

90° STFCL IC

Boring Bars With Coolant

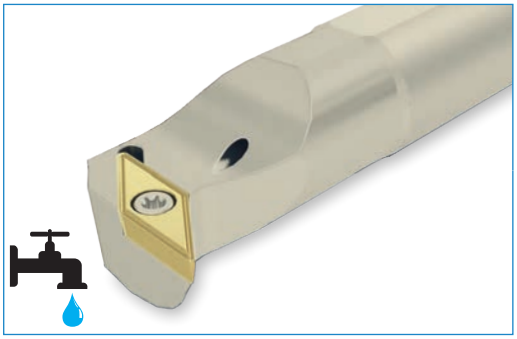


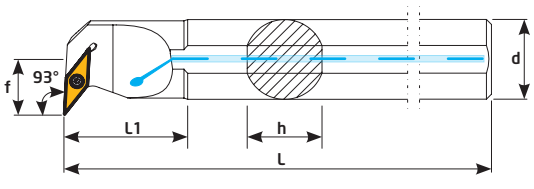


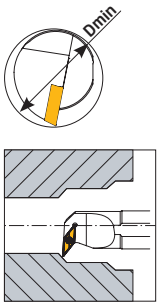
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A12K STFCL 11	16	12	125	25	9	11	0,053	TCMT 1102	SW-SS-16	T8
A16Q STFCL 11	20	16	180	30	11	15	0,289			
A20Q STFCL 16	25	20	180	32	13	18	0,440	TCMT 16T3	SW-SS-17	T15
A25R STFCL 16	32	25	200	40	16	23	0,754			

93° SVUBR IC

Boring Bars With Coolant





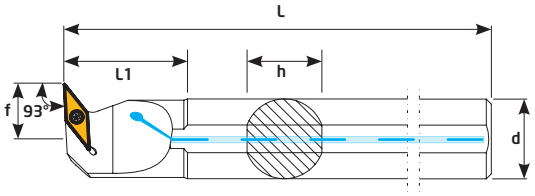


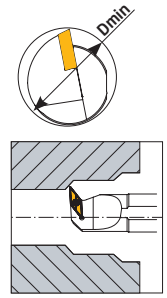
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A25R SVUBR 16	32	25	200	40	17	23	0,723	VBMT 1604	SW-SS-17	T15
A32T SVUBR 16	40	32	300	50	22	30	1,909			

Boring Bars With Coolant

93° SVUBL IC





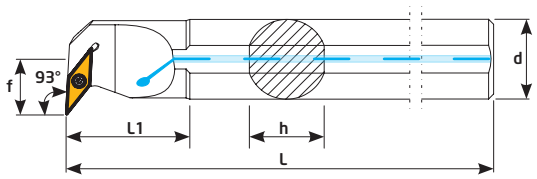


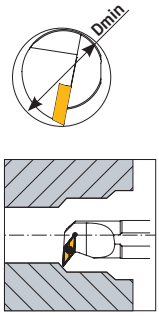
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A25R SVUBL 16	32	25	200	40	17	23	0,723	VBMT 1604	SW-SS-17	T15
A32T SVUBL 16	40	32	300	50	22	30	1,909			

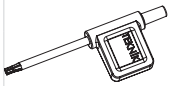
93° SVUCR IC

Boring Bars With Coolant



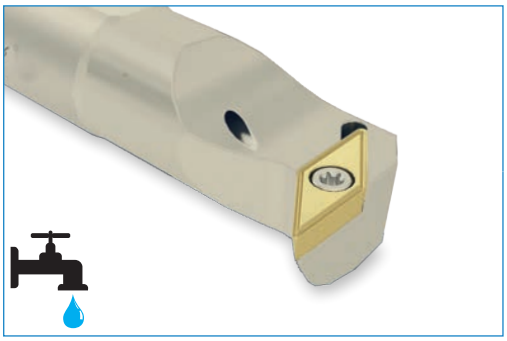


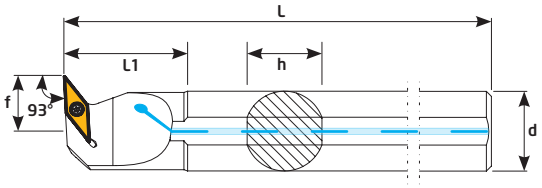


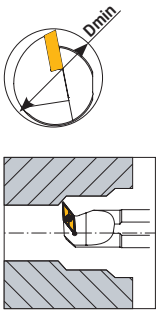
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A16Q SVUCR 11	20	16	180	30	11	15	0,268	VCMT 1103	SW-SS-16	T8
A20Q SVUCR 11	25	20	180	32	13	18	0,689			
A25R SVUCR 16	32	25	200	40	17	23	0,720	VCMT 1604	SW-SS-17	T15
A32T SVUCR 16	40	32	300	50	22	30	1,812			

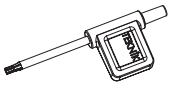
93° SVUCL IC

Boring Bars With Coolant





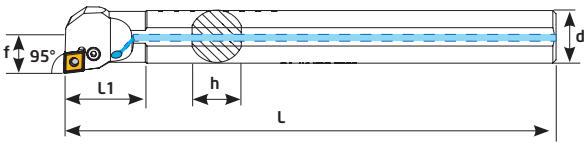


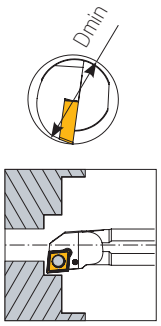
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Torx-Schraube	Torx Key Torx-Schlüssel
	Dmin	d	L	L1	f	h	kg			
A16Q SVUCL 11	20	16	180	30	11	15	0,268	VCMT 1103	SW-SS-16	T8
A20Q SVUCL 11	25	20	180	32	13	18	0,689			
A25R SVUCL 16	32	25	200	40	17	23	0,720	VCMT 1604	SW-SS-17	T15
A32T SVUCL 16	40	32	300	50	22	30	1,812			

Boring Bars With Coolant

95° PCLNR IC





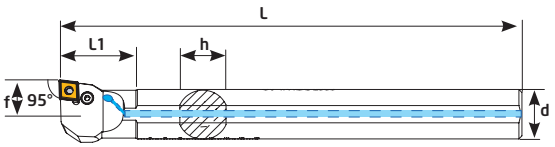


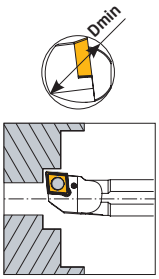
Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	Dmin	d	L	L1	f	h	kg						
A20R PCLNR 12	24	20	200	50	13	18	0,520	CNMG 1204	SW-SS-6	---	---	SW-KH-1A	2,5 Mm
A25S PCLNR 12	32	25	250	50	17	23	0,921						
A32T PCLNR 12	40	32	300	50	22	30	1,809		SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
A40T PCLNR 12	50	40	300	55	27	38	1,820						

Boring Bars With Coolant

95° PCLNL IC



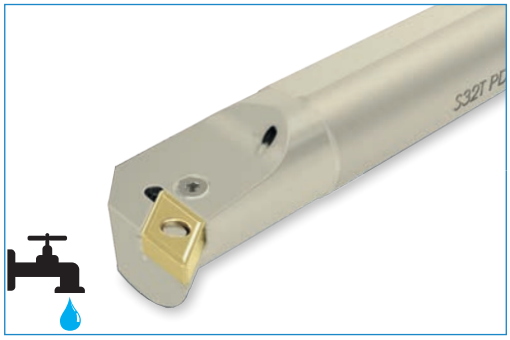


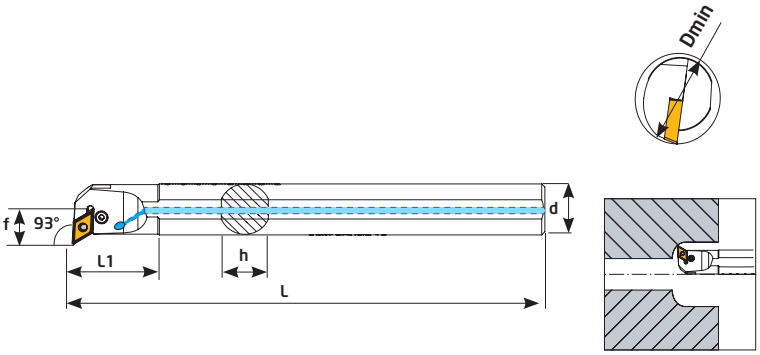


Sipariş Kodu Order Code Best.-Nr.	Stok/Stock/Lager	Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
			Dmin	d	L	L1	f	h	kg						
AP350	●	A25S PCLNL 12	32	25	250	50	17	23	0,921	CNMG 1204	SW-SS-6	---	---	SW-KH-1A	2,5 Mm
AP352	●	A32T PCLNL 12	40	32	300	50	22	30	1,809		SW-SS-1	SW-UP-2	SW-RS-2	SW-KH-1	3 Mm
AP354	●	A40T PCLNL 12	50	40	300	55	27	38	1,820						

Boring Bars With Coolant

93° PDUNR IC

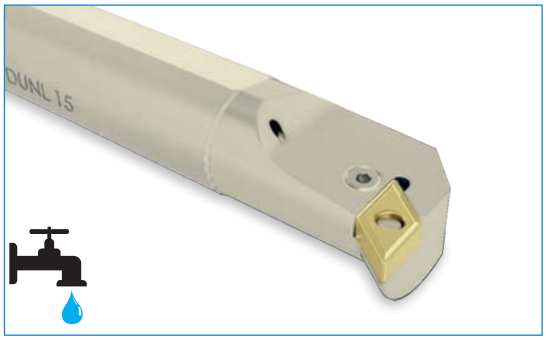


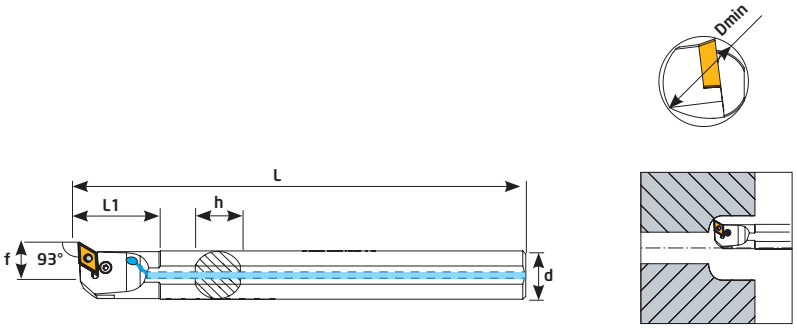


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehebel	Allen Key Inbuss-Schlüssel
	Dmin	d	L	L1	f	h	kg						
A32T PDUNR 15	40	32	300	55	22	30	1,770	DNMG 1506	SW-SS-1	SW-UP-7	SW-RS-2	SW-KH-1B	3 Mm
A40T PDUNR 15	50	40	300	55	27	38	1,790						

Boring Bars With Coolant

93° PDUNL IC

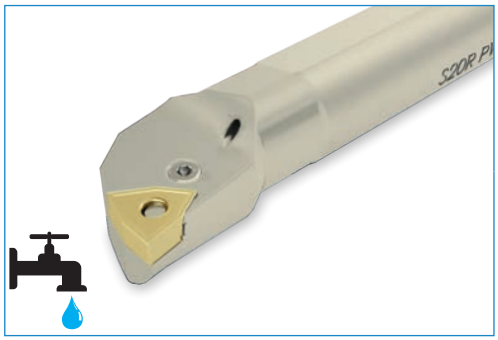


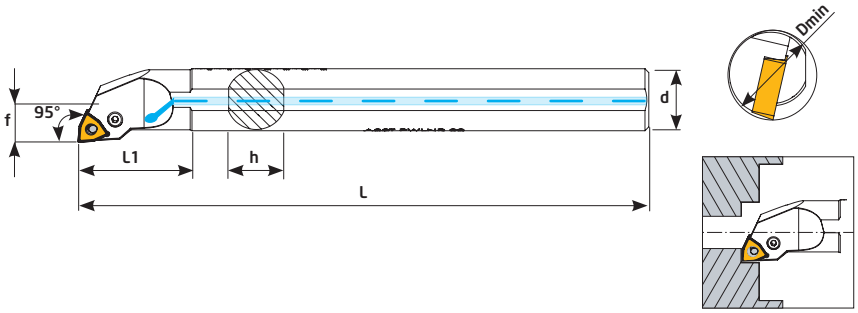


Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm)							Insert WSP	Clamp Screw Klemm-Schraube	Shim U-Platte	Lock Pin Rohrstift	Lever Kniehe-bel	Allen Key In-buss-Schlüs-sel
	Dmin	d	L	L1	f	h	kg						
A32T PDUNL 15	40	32	300	55	22	30	1,770	DNMG 1506	SW-SS-1	SW-UP-7	SW-RS-2	SW-KH-1B	3 Mm
A40T PDUNL 15	50	40	300	55	27	38	1,790						

Boring Bars With Coolant

95° PWLNR 06 IC

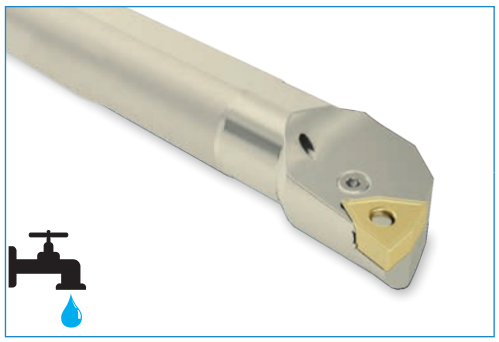


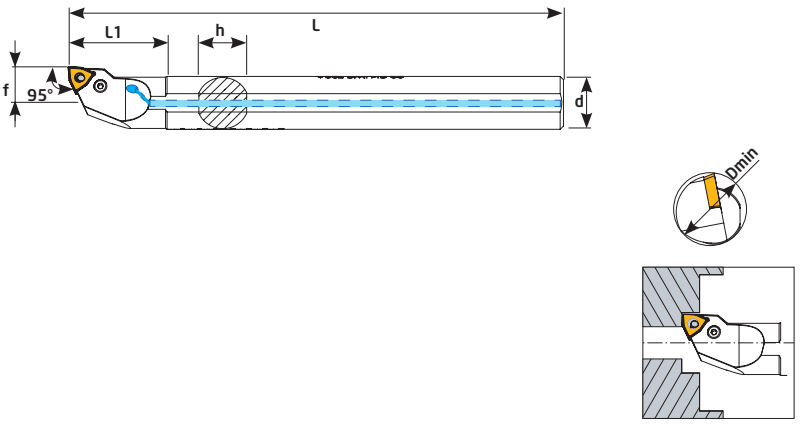


Sipariş Kodu Order Code Best.-Nr.	Stok/Stock/Lager	Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm) Dmin	d	L	L1	f	h	kg	Insert WSP	Clamp Screw Klemm-Schraube	Lever Kniehebel	Allen Key Inbuss-Schlüssel
AP380	●	A16R PWLNR 06	20	16	200	40	11	15	0,326	WNMG 0604	SW-SS-8	SW-KH-8B	2 Mm
AP382	●	A20R PWLNR 06	25	20	200	40	13	18	0,471				
AP362	●	A32T PWLNR 08	40	32	300	60	22	30	1,764	WNMG 0804	SW-SS-1	SW-KH-1	3 Mm

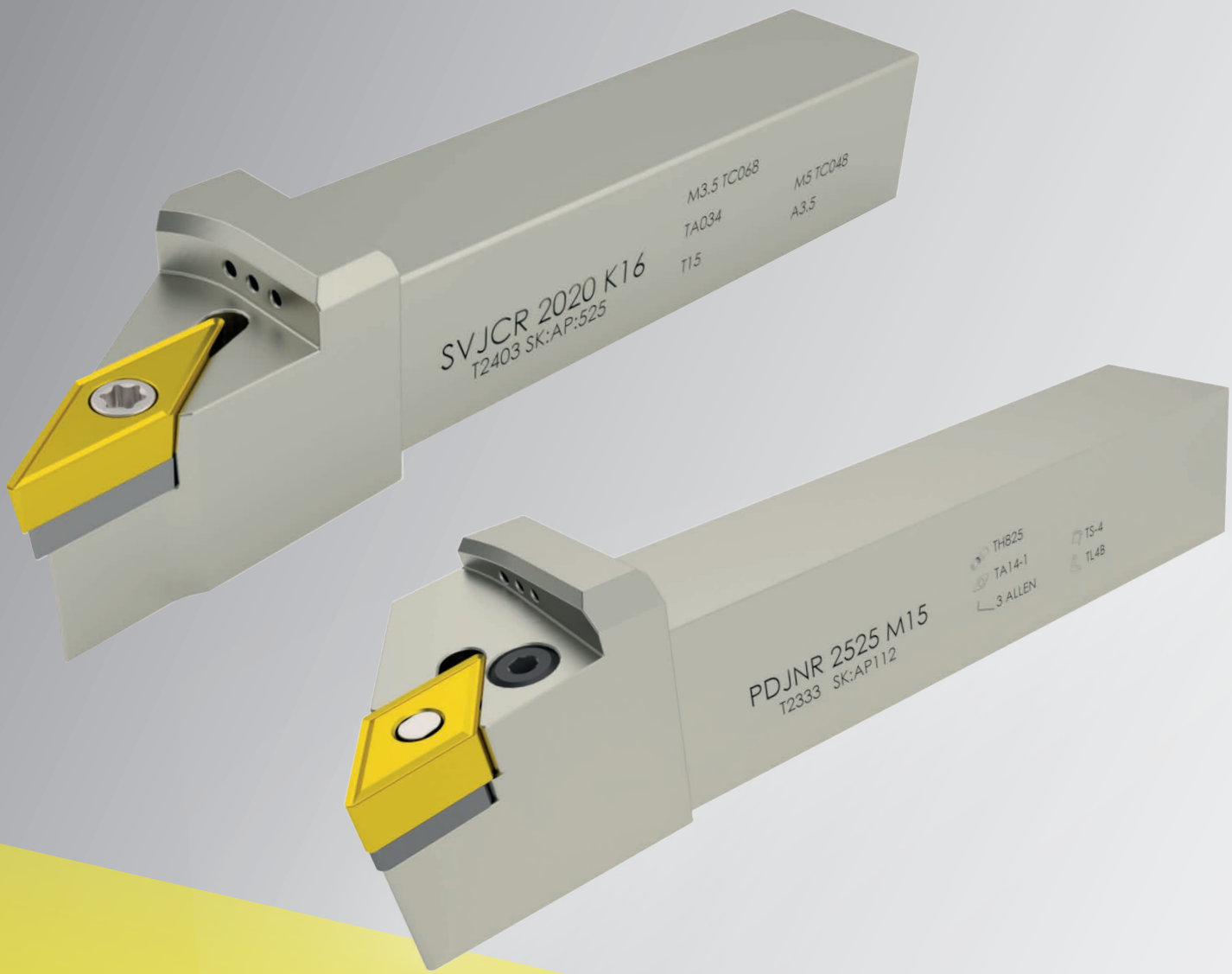
Boring Bars With Coolant

95° PWLNL 06 IC





Product Code Produkt-Code	Dimensions(mm) Abmessungen (mm) Dmin	d	L	L1	f	h	kg	Insert WSP	Clamp Screw Klemm-Schraube	Lever Kniehebel	Allen Key Inbuss-Schlüssel
A16R PWLNL 06	20	16	200	40	11	15	0,326	WNMG 0604	SW-SS-8	SW-KH-8B	2 Mm
A20R PWLNL 06	25	20	200	40	13	18	0,471				
A32T PWLNL 08	40	32	300	60	22	30	1,764	WNMG 0804	SW-SS-1	SW-KH-1	3 Mm



VHM SCHWARZ Präzisionswerkzeuge GmbH
Lilienthalstr.3
70825 Korntal-Münchingen, Germany
Tel.: + 49 (0) 711 /51 87 88 10
Fax: + 49 (0) 711 /51 87 88 06
www.vhm-schwarz.com
info@vhm-schwarz.com