



Ordering Code	Item Designation		Price	Master Insert*
	TK90 WNGX 0806..		EURO	
SM43619	TK90 WNGX08 D50 A22 Z04-H		112 €	WNGX 0806..
SM43626	TK90 WNGX08 D63 A22 Z05-H		131 €	
SM43633	TK90 WNGX08 D80 A27 Z06-H		155 €	
SM43640	TK90 WNGX08 D100 A32 Z08-H		186 €	

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.

*Suitable Insert brand is KRLY.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D100	WNGX.. 0806..	 SSV M5x13-9519	 STK-T20-9911	N-m 8,5



Ordering Code	Item Designation		Price	Master Insert*
	TK90 WNHU 0806..		EURO	
SM43572	TK90 WNHU08 D50 A22 Z04-H		112 €	WNHU 0806..
SM43589	TK90 WNHU08 D63 A22 Z05-H		133 €	
SM43596	TK90 WNHU08 D80 A27 Z06-H		155 €	
SM43602	TK90 WNHU08 D100 A32 Z08-H		186 €	

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.

*Suitable Insert brand is ZCC-CT.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D100	WNHU.. 0806..	 SSV M4x12x5-9529	 STK-T15-9910	N-m 4,3



Ordering Code	Item Designation		Price	Master Insert*
	TK90 WN.U 0705..		EURO	
SM53427	TK90 WN07 D50 A22 Z04-H		134 €	WN.U 0705..
SM53434	TK90 WN07 D63 A22 Z05-H		140 €	
SM53441	TK90 WN07 D80 A27 Z07-H		176 €	
SM53458	TK90 WN07 D100 A32 Z08-H		196 €	

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.

*Suitable Insert brand is ISC.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D100	WN.U.. 0705..	 SSV M4x12-9515	 STK-T15-9910	N-m 4,3





Ordering Code	Item Designation		Price	Master Insert*
	TK90 TPKN 1603.. / 2204.. ISO		EURO	
SM32767	TK90P TP16 D50 A22 Z04	-	118 €	TPKN 1603.. SUITABLE ISO INSERT
SM32774	TK90P TP16 D63 A22 Z06	-	131 €	
SM32781	TK90P TP16 D80 A27 Z07	-	158 €	
SM32798	TK90P TP16 D100 A32 Z08	-	190 €	
SM32804	TK90P TP16 D125 B40 Z09	-	260 €	
SM32811	TK90P TP22 D63 A22 Z05	-	131 €	TPKN 2204.. SUITABLE ISO INSERT
SM32828	TK90P TP22 D80 A27 Z06	-	158 €	
SM32835	TK90P TP22 D100 A32 Z07	-	190 €	
SM32842	TK90P TP22 D125 B40 Z08	-	260 €	
SM32859	TK90P TP22 D160 C40 Z09	-	331 €	
SM32866	TK90P TP22 D200 C60 Z12	-	466 €	
SM32880	TK90P TP22 D315 D60 Z18	-	920 €	

*Suitable Insert brand is ISO.

Size Designation	Master Insert*	Spare Parts		
		Clamp Part	Screw	Allen Key
D50 - D125	TPKN.. 1603..			
D63 - D315	TPKN. 2204..	TKBP 9116	TKSV M8x1x18 9227	SAK-AA5-9904



Ordering Code	Item Designation		Price	Master Insert*
	TK75 APKT 1003.. / 1604.. ISO		EURO	
SM28913	TK75 AP10 D63 A22 Z05-H	✓	102 €	APKT 1003.. SUITABLE ISO INSERT
SM28906	TK75 AP10 D80 A27 Z06-H	✓	118 €	
SM28890	TK75 AP10 D100 A32 Z07-H	✓	140 €	
SM14626	TK75 AP16 D63 A22 Z05-H	✓	102 €	APKT 1604.. SUITABLE ISO INSERT
SM28876	TK75 AP16 D80 A27 Z06-H	✓	118 €	
SM28869	TK75 AP16 D100 A32 Z07-H	✓	140 €	
SM38431	TK75 AP16 D125 B40 Z08	-	213 €	

*Suitable Insert brand is ISO.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D63 - D100	APKT 1003..			1,2
D63 - D125	APKT 1604..			4,3

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.



Ordering Code	Item Designation		Price	Master Insert*
	TK90 SEMT 1304..		EURO	
SM55247	TK90 SE1304 D50 A22 Z04-H	✓	132 €	SEMT 1304..
SM55254	TK90 SE1304 D63 A22 Z05-H	✓	143 €	
SM55261	TK90 SE1304 D80 A27 Z06-H	✓	154 €	

*Suitable Insert brand is TGTC.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D80	SEMT 1304..	 SSV M4x9x5-9528	 STK-T15-9910	N-m 4,3



Ordering Code	Item Designation		Price	Master Insert*
	TK90 R290.12.. / SE..12T3		EURO	
SM29026	TK90 R290.12 D50 A22 Z04-H	✓	82 €	R290.12..
SM29019	TK90 R290.12 D63 A22 Z05-H	✓	100 €	
SM29002	TK90 R290.12 D80 A27 Z07-H	✓	118 €	
SM28999	TK90 R290.12 D100 A32 Z09-H	✓	168 €	
SM14213	TK90 R290.12 D125 B40 Z11	-	230 €	

*Suitable Insert brand is ZCC-CT / SNDV.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D125	R290.12.. SE..12T3..	 SSV M3.5x10-9511	 STK-T15-9910	N-m 2,9



Ordering Code	Item Designation		Price	Master Insert*
	TK90 SOMT 12T3..		EURO	
SM32224	TK90 SO12 D50 A22 Z04-H	✓	82 €	SOMT 12T3..
SM32248	TK90 SO12 D63 A22 Z05-H	✓	100 €	
SM32262	TK90 SO12 D80 A27 Z07-H	✓	118 €	

*Suitable Insert brand is MTSBH.

Size Designation	Master Insert**	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D80	SOMT 12T3..	 SSV M4x9x5-9528	 STK-T15-9910	N-m 4,3

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 SDMT 09T3..		EURO	
SM56084	ST90 SD09T3 D25 W25 L150 Z02-H		96 €	SDMT 09T3..
SM56169	ST90 SD09T3 D26 W25 L150 Z02-H		96 €	
SM56305	ST90 SD09T3 D32 W32 L150 Z03-H		105 €	
SM56312	ST90 SD09T3 D33 W32 L150 Z03-H		105 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 SDMT 09T3..		EURO	
SM56534	MT90 SD09T3 D25 M12 L35 Z02-H		110 €	SDMT 09T3..
SM56541	MT90 SD09T3 D32 M16 L43 Z03-H		121 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT45 SDMT 09T3..		EURO	
SM56503	MT45 SD09T3 D20 M10 L30 Z02-H		110 €	SDMT 09T3..
SM56510	MT45 SD09T3 D25 M12 L35 Z03-H		121 €	
SM56527	MT45 SD09T3 D32 M16 L43 Z03-H		127 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 SDMT 09T3..		EURO	
SM53472	TK90 SD09T3 D40 A16 Z04-H		110 €	SDMT 09T3..
SM53489	TK90 SD09T3 D50 A22 Z05-H		121 €	
SM53496	TK90 SD09T3 D63 A22 Z06-H		143 €	

* Suitable Insert brand is WLTR.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D25 - D63	SDMT 09T3..	SSV M3.5x8-SC-9513	STK-T10-9909	2,9

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.



Ordering Code	Item Designation		Price	Master Insert*
	<i>ST90 490R-08..</i>		<i>EURO</i>	
SM56640	ST90 490R-08 D20 W20 L150 Z02-H		99 €	490R-08..
SM56657	ST90 490R-08 D25 W25 L150 Z03-H		103 €	
SM56664	ST90 490R-08 D26 W25 L150 Z03-H		103 €	
SM56671	ST90 490R-08 D32 W32 L150 Z04-H		135 €	
SM56688	ST90 490R-08 D33 W32 L150 Z04-H		138 €	



Ordering Code	Item Designation		Price	Master Insert*
	<i>ST90 490R-08..</i>		<i>EURO</i>	
SM56695	MT90 490R-08 D20 M10 L30 Z02-H		94 €	490R-08..
SM56701	MT90 490R-08 D25 M12 L35 Z03-H		110 €	
SM56718	MT90 490R-08 D32 M16 L43 Z04-H		127 €	



Ordering Code	Item Designation		Price	Master Insert*
	<i>TK90 490-08.. / 490R-14</i>		<i>EURO</i>	
SM50303	TK90 490R-08 D40 A16 Z04-H		102 €	490R-08..
SM50310	TK90 490R-08 D50 A22 Z05-H		118 €	
SM50327	TK90 490R-08 D63 A22 Z06-H		140 €	
SM32101	TK90 490R-14 D50 A22 Z04-H		102 €	490R-14..
SM32118	TK90 490R-14 D63 A22 Z05-H		118 €	
SM32132	TK90 490R-14 D80 A27 Z07-H		151 €	
SM58484	TK90 490R-14 D80 A27 Z08-H		162 €	

*Suitable Insert brand is SNDV.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D20 - D63	490R-08..**	SSV M2.5x7-9506	STK-T08-9908	1,2
D50 - D80	490R-14..**	SSV M3.5x10-9511	STK-T15-9910	2,9

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 SD.T 09M4..		EURO	
SM59054	ST90 SD09M4 D25 W25 L150 Z02-H	✓	97 €	SD.T 09M4..
SM59061	ST90 SD09M4 D32 W32 L150 Z03-H	✓	105 €	
SM59078	ST90 SD09M4 D35 W32 L150 Z03-H	✓	113 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 SD.T 09M4../1305..		EURO	
SM54530	TK90 SD09M4 D40 A16 Z04-H	✓	102 €	SD.T 09M4..
SM54547	TK90 SD09M4 D50 A22 Z05-H	✓	118 €	
SM54554	TK90 SD09M4 D63 A22 Z06-H	✓	140 €	
SM56855	TK90 SD1305 D50 A22 Z04-H	✓	102 €	SD.T 1305..
SM56862	TK90 SD1305 D63 A22 Z05-H	✓	118 €	
SM56879	TK90 SD1305 D80 A27 Z06-H	✓	142 €	
SM56886	TK90 SD1305 D100 A32 Z07-H	✓	168 €	

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.

*Suitable Insert brand is KRLY.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D25 - D63	SD.T 09M4..	SSV M3.5x8-9510	STK-T15-9910	2,9
D50 - D100	SD.T 1305..	SSV M4.5x11-9518	STK-T20-9911	5,0



Ordering Code	Item Designation		Price	Master Insert*
	TK90 SDMT 1506..		EURO	
SM00609	TK90 SDMT15 D50 A22 Z04-H	✓	132 €	SDMT 1506..
SM00616	TK90 SDMT15 D63 A22 Z05-H	✓	143 €	
SM00623	TK90 SDMT15 D80 A27 Z06-H	✓	154 €	
SM00630	TK90 SDMT15 D100 A32 Z08-H	✓	176 €	
SM00647	TK90 SDMT15 D125 B40 Z09	-	270 €	

Cooling mounting screw is optional / See Page 294 for cooling mounting screws.
İçten su vermeli montaj vidaları opsiyoneldir. / Bkz. Sayfa 294 İçten su vermeli montaj vidaları için.

*Suitable Insert brand is WDA.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D50 - D125	SDMT 1506..	SSV M4.5x11 9518	STK-T20-9911	5,0

Ordering Code	Item Designation		Price	Master Insert*
	ST90 SPMG 0602.. / 07T3.. / 0904..		EURO	
SM36901	ST90 SP06 D17 W16 L150 Z02	-	53 €	SPMG 060204
SM36918	ST90 SP06 D20 W20 L150 Z03	-	65 €	
SM36925	ST90 SP07 D22 W20 L150 Z03	-	65 €	SPMG 07T308
SM36949	ST90 SP07 D25 W25 L150 Z03	-	71 €	
SM36956	ST90 SP07 D26 W25 L150 Z03	-	71 €	
SM36970	ST90 SP09 D32 W32 L150 Z03	-	77 €	SPMG 090408
SM36987	ST90 SP09 D33 W32 L150 Z03	-	80 €	

*Suitable Insert brand is TGTC.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value  N-m
D17 - D20	SPMG 060204	SSV M2.2x5- 9503	STK-T06- 9906	0,6
D22 - D25	SPMG 07T308	SSV M2.5x6- 9507	STK-T08- 9908	1,2
D32 - D33	SPMG 090408	SSV M3.5x8- 9510	STK-T15- 9910	8,5

Ordering Code	Item Designation		Price	Master Insert*
	HF45 SPMG 0904.. / 1104.. CHAMFERING TOOLS		EURO	
SM15555	HF45 SP09 D11-25 W20 L150 Z01	-	53 €	SPMG 0904..
SM15562	HF45 SP11 D24-38 W25 L150 Z02	-	62 €	SPMG 1104..
SM15579	HF45 SP11 D31-45 W32 L150 Z03	-	66 €	

*Suitable Insert brand is TGTC.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value  N-m
D11-25	SPMG 0904..	SSV M3.5x10- 9511	STK-T15- 9910	2,9
D24-38 - D31-45	SPMG 1104	SSV M4x10- 9514		4,3

