



Ordering Code	Item Designation		Price	Master Insert*
	TK90 LNK17 1707..		EURO	
SM44111	TK90 LN17 D50 A22 Z05-H	✓	106 €	LNKT 1707..
SM44128	TK90 LN17 D63 A22 Z06-H	✓	128 €	
SM44135	TK90 LN17 D80 A27 Z07-H	✓	151 €	
SM44142	TK90 LN17 D100 A32 Z09-H	✓	202 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D50 - D100	LNKT 1707..	SSV M4x12-9515	STK-T15-9910	4,3

*Suitable Insert brand is KRLY. 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 ANKX / ANCX 0904..		EURO	
SM58583	ST90 AN09 D16 W16 L150 Z02-H	✓	70 €	AN.X 0904..
SM58590	ST90 AN09 D20 W20 L150 Z03-H	✓	101 €	
SM58606	ST90 AN09 D25 W25 L150 Z04-H	✓	123 €	
SM58613	ST90 AN09 D32 W32 L150 Z05-H	✓	138 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 ANKX / ANCX 0904..		EURO	
SM58552	MT90 AN09 D20 M10 L30 Z03-H	✓	110 €	AN.X 0904..
SM58569	MT90 AN09 D25 M12 L35 Z04-H	✓	116 €	
SM58576	MT90 AN09 D32 M16 L43 Z05-H	✓	123 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 ANKX / ANCX 0904.. / 1205.. / 1706..		EURO	
SM54615	TK90 AN09 D40 A16 Z05-H	✓	88 €	AN.X 0904..
SM54622	TK90 AN09 D40 A16 Z06-H	✓	92 €	
SM54646	TK90 AN09 D50 A22 Z06-H	✓	98 €	
SM54639	TK90 AN09 D50 A22 Z07-H	✓	110 €	
SM54653	TK90 AN09 D63 A22 Z08-H	✓	113 €	AN.X 1205..
SM54660	TK90 AN09 D63 A22 Z09-H	✓	121 €	
SM31678	TK90 AN12 D50 A22 Z04-H	✓	85 €	
SM31692	TK90 AN12 D63 A22 Z05-H	✓	88 €	
SM31715	TK90 AN12 D80 A27 Z07-H	✓	118 €	AN.X 1706..
SM31739	TK90 AN12 D100 A32 Z09-H	✓	156 €	
SM31753	TK90 AN17 D50 A22 Z04-H	✓	93 €	
SM31777	TK90 AN17 D63 A22 Z06-H	✓	103 €	
SM31791	TK90 AN17 D80 A27 Z07-H	✓	131 €	AN.X 1706..
SM31814	TK90 AN17 D100 A32 Z08-H	✓	164 €	
SM31821	TK90 AN17 D125 B40 Z10	-	206 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D40 - D63	AN.X 0904..**	SSV M3x6 LG-9509	STK-T08-9908	1,9
D50 - D63	AN.X 1205..**	SSV M4x9x5-9528	STK-T15-9910	4,3
D80 - D100		SSV M4x12x5-9529		
D50 - D125	AN.X 1706..**	SSV M5x13-9519	STK-T20-9911	8,5

**Body corners should be modified for R2 and more radius inserts / R2 ve üstü radyüslü uçlarda takımın modifiye edilmesi gerekmektedir.

*Suitable Insert brand is ISC.



Ordering Code	Item Designation		Price	Master Insert*
	<i>ST90 LN.X 1006.. / 1510..</i>		<i>EURO</i>	
SM22911	ST90 LN10 D16 W16 L120 Z01	-	57 €	LN.X 1006..
SM51614	ST90 LN10 D16 W16 L120 Z01-H		65 €	
SM22904	ST90 LN10 D18 W16 L120 Z02	-	71 €	
SM22898	ST90 LN10 D20 W20 L150 Z02	-	82 €	
SM51621	ST90 LN10 D20 W20 L150 Z02-H		93 €	
SM26711	ST90 LN10 D22 W20 L150 Z02	-	82 €	
SM22881	ST90 LN10 D25 W25 L150 Z03	-	100 €	
SM51638	ST90 LN10 D25 W25 L150 Z03-H		114 €	
SM22874	ST90 LN10 D32 W32 L150 Z04	-	106 €	
SM22867	ST90 LN10 D40 W32 L150 Z05	-	114 €	
SM22805	ST90 LN15 D32 W32 L150 Z02	-	106 €	LN.X 1510..
SM51645	ST90 LN15 D32 W32 L150 Z02-H		122 €	
SM22812	ST90 LN15 D32 C32 L250 Z02	-	134 €	
SM22775	ST90 LN15 D32 C32 L300 Z02	-	134 €	
SM22829	ST90 LN15 D35 W32 L150 Z03	-	128 €	
SM22836	ST90 LN15 D35 C32 L250 Z03	-	134 €	
SM22782	ST90 LN15 D35 C32 L300 Z03	-	153 €	
SM22843	ST90 LN15 D40 W32 L150 Z03	-	139 €	
SM51652	ST90 LN15 D40 W32 L150 Z03-H		159 €	
SM22850	ST90 LN15 D40 C32 L250 Z03	-	146 €	
SM22799	ST90 LN15 D40 C32 L300 Z03	-	166 €	



Ordering Code	Item Designation		Price	Master Insert*
	<i>MT90 LN.X 1006..</i>		<i>EURO</i>	
SM47549	MT90 LN10 D20 M10 L30 Z02-H		104 €	LN.X 1006..
SM47556	MT90 LN10 D25 M12 L35 Z03-H		109 €	
SM47563	MT90 LN10 D32 M16 L43 Z04-H		115 €	



Ordering Code	Item Designation		Price	Master Insert*
	<i>TK90 LN.X 1006.. / 1510..</i>		<i>EURO</i>	
SM22690	TK90 LN10 D40 A16 Z05-H		82 €	LN.X 1006..
SM28456	TK90 LN10 D50 A22 Z06-H		91 €	
SM22713	TK90 LN10 D63 A22 Z07-H		102 €	
SM28432	TK90 LN15 D50 A22 Z05-H		99 €	
SM28425	TK90 LN15 D63 A22 Z06-H		119 €	LN.X 1510..
SM28418	TK90 LN15 D80 A27 Z07-H		134 €	
SM28401	TK90 LN15 D100 A32 Z09-H		166 €	
SM38479	TK90 LN15 D125 B40 Z10	-	243 €	
SM38486	TK90 LN15 D160 C40 Z12	-	284 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D16 - D22	LN.X 1006..	SSV M3x6-9507	STK-T08-9908	1,9
D25 - D40		SSV M3x8-9508		
D50 - D160	LN.X 1510..	SSV M4x12x5-9529	STK-T15-9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	ST90 LOMU 1004..		EURO	
SM51607	ST90 LM10 D16 W16 L120 Z02-H	✓	100 €	LOMU 1004..
SM43701	ST90 LM10 D16 W16 L150 Z02-H	✓	110 €	
SM53984	ST90 LM10 D18 W16 L150 Z02-H	✓	112 €	
SM49765	ST90 LM10 D20 W20 L120 Z03-H	✓	108 €	
SM43718	ST90 LM10 D20 W20 L150 Z03-H	✓	119 €	
SM61118	ST90 LM10 D21 W20 L150 Z03-H	✓	123 €	
SM53991	ST90 LM10 D22 W20 L150 Z03-H	✓	123 €	
SM39858	ST90 LM10 D25 W25 L120 Z03-H	✓	129 €	
SM43725	ST90 LM10 D25 W25 L150 Z03-H	✓	143 €	
SM54004	ST90 LM10 D26 W25 L150 Z03-H	✓	143 €	
SM49772	ST90 LM10 D32 W32 L120 Z04-H	✓	139 €	
SM49789	ST90 LM10 D32 W32 L150 Z04-H	✓	151 €	
SM54011	ST90 LM10 D33 W32 L150 Z04-H	✓	151 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 LOMU 1003..		EURO	
SM50464	MT90 LM10 D16 M08 L25 Z02-H	✓	103 €	LOMU 1004..
SM43749	MT90 LM10 D20 M10 L30 Z03-H	✓	120 €	
SM43756	MT90 LM10 D25 M12 L35 Z03-H	✓	127 €	
SM43763	MT90 LM10 D32 M16 L43 Z04-H	✓	131 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 LOMU 1003../1505..		EURO	
SM46238	TK90 LM10 D40 A16 Z05-H	✓	127 €	LOMU 1004..
SM46245	TK90 LM10 D50 A22 Z05-H	✓	151 €	
SM46252	TK90 LM10 D63 A22 Z06-H	✓	185 €	
SM46191	TK90 LM15 D40 A16 Z04-H	✓	96 €	LOMU 1505..
SM46207	TK90 LM15 D50 A22 Z05-H	✓	106 €	
SM46214	TK90 LM15 D63 A22 Z06-H	✓	131 €	
SM46221	TK90 LM15 D80 A27 Z07-H	✓	165 €	
SM01828	TK90 LM15 D100 A32 Z08-H	✓	185 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D16 - D63	LOMU 1004..**	SSV M3x6 LG-9509	STK-T08-9908	1,9
D40 - D63	LOMU 1505..**	SSV M4x9x5-9528	STK-T15-9910	4,3
D80 - D100		SSV M4x12x5-9529		

** Body corners should be modified for R2 and more radius inserts / R2 ve üstü radyüslü uçlarda takımın modifiye edilmesi gerekmektedir.

* Suitable Insert brand is KYCR.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 ANGX 1105..		EURO	
SM35980	ST90 AN11 D25 W25 L150 Z02-H	✓	100 €	ANGX 1105..
SM35997	ST90 AN11 D32 W32 L150 Z03-H	✓	106 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 ANGX 1105.. / 1506..		EURO	
SM31364	TK90 AN11 D40 A16 Z05-H	✓	77 €	ANGX 1105..
SM31388	TK90 AN11 D50 A22 Z06-H	✓	85 €	
SM31401	TK90 AN11 D63 A22 Z07-H	✓	106 €	
SM31425	TK90 AN15 D50 A22 Z04-H	✓	85 €	ANGX 1506..
SM31449	TK90 AN15 D63 A22 Z05-H	✓	96 €	
SM31463	TK90 AN15 D80 A27 Z07-H	✓	118 €	
SM31487	TK90 AN15 D100 A32 Z09-H	✓	156 €	

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 N-m
D25 - D63	ANGX 1105..	SSV M3x8-9508	STK-T08-9908	1,9
D50 - D100	ANGX 1506..	SSV M4x12x5-9529	STK-T15-9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	ST90 LQMU 1107..		EURO	
SM46054	ST90 LQ11 D25 W25 L150 Z02-H	✓	100 €	LQMU 1107..
SM46061	ST90 LQ11 D32 W32 L150 Z03-H	✓	106 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 LQMU 1107..		EURO	
SM45996	TK90 LQ11 D40 A16 Z04-H	✓	88 €	LQMU 1107..
SM46009	TK90 LQ11 D50 A22 Z05-H	✓	99 €	
SM46016	TK90 LQ11 D63 A22 Z06-H	✓	119 €	

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 TNGLY.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D25 - D63	LQMU 1107..	SSV M3.5x8 SC-9513	STK-T08-9908	2,9



Ordering Code	Item Designation		Price	Master Insert*
	ST90 LNGX 1205..		EURO	
SM35867	ST90 LN12 D25 W25 L150 Z02	✓	100 €	LNGX 1205..
SM35874	ST90 LN12 D32 W32 L150 Z03	✓	106 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 LNGX 1205..		EURO	
SM31593	TK90 LN12 D50 A22 Z05-H	✓	85 €	LNGX 1205..
SM31616	TK90 LN12 D63 A22 Z06-H	✓	106 €	
SM31630	TK90 LN12 D80 A27 Z07-H	✓	118 €	
SM31654	TK90 LN12 D100 A32 Z09-H	✓	156 €	

*Suitable Insert brand is PRMT.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D25 - D100	LNGX 1205..	SSV M3.5x10-9511	STK-T15-9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	TK90 AN.X 1607..		EURO	
SM13940	TK90 AN16 D50 A22 Z04-H	✓	91 €	AN.X 1607..
SM13957	TK90 AN16 D63 A22 Z06-H	✓	108 €	
SM13964	TK90 AN16 D80 A27 Z07-H	✓	122 €	
SM28531	TK90 AN16 D100 A32 Z08-H	✓	147 €	

*Suitable Insert brand is TGTC.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D50 - D100	AN.X 1607..	SSV M4x10-9514	STK-T15-9910	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 LNGU 15T6..		EURO	
SM42704	TK90 LNGU15 D40 A16 Z04-H		88 €	LNGU 15T6..
SM40472	TK90 LNGU15 D50 A22 Z05-H		99 €	
SM42711	TK90 LNGU15 D63 A22 Z06-H		119 €	
SM42827	TK90 LNGU15 D80 A27 Z07-H		151 €	
SM42834	TK90 LNGU15 D100 A32 Z08-H		180 €	

*Suitable Insert brand is KNMTL.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D40 - D100	LNGU 15T6..	SSV M4x12- 9515	STK-T15- 9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	TK90 XNPU 15T6..		EURO	
SM42728	TK90 XN15 D40 A16 Z04-H		88 €	XNPU 15T6..
SM40489	TK90 XN15 D50 A22 Z05-H		99 €	
SM42735	TK90 XN15 D63 A22 Z06-H		119 €	
SM42766	TK90 XN15 D80 A27 Z07-H		151 €	
SM42773	TK90 XN15 D100 A32 Z08-H		180 €	

*Suitable Insert brand is WDA.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D40 - D100	XNPU 15T6..	SSV M4x10x5- 9528	STK-T15- 9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	TK90 LNGX 1307..		EURO	
SM28685	TK90 LNGX13 D50 A22 Z04-H		96 €	LNGX 1307..
SM28678	TK90 LNGX13 D63 A22 Z05-H		106 €	
SM28661	TK90 LNGX13 D80 A27 Z06-H		134 €	
SM31913	TK90 LNGX13 D100 A32 Z07-H		180 €	
SM14169	TK90 LNGX13 D125 B40 Z08	-	223 €	

*Suitable Insert brand is WLTR.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D50 - D125	LNGX 1307..*	SSV M3.5x12-SC- 9531	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*
	ST90 4NKT 0603..		EURO	
SM35423	ST90 4N06 D16 W16 L120 Z02-H	✓	77 €	4NKT 0603..
SM35447	ST90 4N06 D16 W16 L150 Z02	-	100 €	
SM53632	ST90 4N06 D16 W16 L150 Z02-H	✓	116 €	
SM53755	ST90 4N06 D17 W16 L150 Z02-H	✓	116 €	
SM35430	ST90 4N06 D20 W20 L120 Z03-H	✓	85 €	
SM35454	ST90 4N06 D20 W20 L150 Z03	-	106 €	
SM53649	ST90 4N06 D20 W20 L150 Z03-H	✓	121 €	
SM53779	ST90 4N06 D21 W20 L150 Z03-H	✓	121 €	
SM35461	ST90 4N06 D25 W25 L150 Z03	-	118 €	
SM53656	ST90 4N06 D25 W25 L150 Z03-H	✓	132 €	
SM53793	ST90 4N06 D26 W25 L150 Z03-H	✓	132 €	
SM35478	ST90 4N06 D32 W32 L150 Z04	-	124 €	
SM53663	ST90 4N06 D32 W32 L150 Z04-H	✓	146 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 4NKT 0603..		EURO	
SM53748	MT90 4N06 D16 M08 L25 Z02-H	✓	90 €	4NKT 0603..
SM53762	MT90 4N06 D20 M10 L30 Z03-H	✓	114 €	
SM53786	MT90 4N06 D25 M12 L35 Z03-H	✓	119 €	
SM53809	MT90 4N06 D32 M16 L43 Z04-H	✓	127 €	
SM53816	MT90 4N06 D35 M16 L43 Z05-H	✓	131 €	
SM53823	MT90 4N06 D40 M16 L43 Z05-H	✓	137 €	
SM53830	MT90 4N06 D42 M16 L43 Z05-H	✓	139 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 4NKT 0603..		EURO	
SM32408	TK90 4N06 D40 A16 Z05-H	✓	93 €	4NKT 0603..
SM32422	TK90 4N06 D50 A22 Z06-H	✓	106 €	
SM32446	TK90 4N06 D63 A22 Z07-H	✓	128 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
				N-m
D16 - D63	4NKT 0603..**	SSV M3x6 LG-9509	STK-T08-9908	1,9

** Body corners should be modified for R2 and more radius inserts / R2 ve üstü radyüslü uçlarda takımın modifiye edilmesi gerekmektedir.

* Suitable Insert brand is TGTC.



Ordering Code	Item Designation		Price	Master Insert*
ST90 XNKT 0604.. / 0805..			EURO	
SM27282	ST90 XNKT06 D20 W20 L150 Z02-H	✓	103 €	XNKT 0604..
SM24540	ST90 XNKT06 D21 W20 L150 Z02-H	✓	114 €	
SM36666	ST90 XNKT06 D21 C20 L200 Z02	-	142 €	
SM36642	ST90 XNKT06 D22 W20 L150 Z02-H	✓	115 €	
SM24557	ST90 XNKT06 D25 W25 L150 Z03-H	✓	121 €	
SM27299	ST90 XNKT06 D26 W25 L150 Z03-H	✓	124 €	
SM36680	ST90 XNKT06 D26 C25 L200 Z03	-	149 €	
SM36659	ST90 XNKT06 D32 W32 L150 Z04-H	✓	134 €	
SM27305	ST90 XNKT06 D33 W32 L150 Z04-H	✓	139 €	
SM36703	ST90 XNKT06 D33 C32 L200 Z04	-	181 €	XNKT 08..
SM39247	ST90 XNKT08 D30 W25 L150 Z02	-	149 €	
SM39254	ST90 XNKT08 D32 W32 L150 Z02	-	149 €	
SM39261	ST90 XNKT08 D35 W32 L150 Z03	-	159 €	
SM39278	ST90 XNKT08 D40 W32 L150 Z04	-	177 €	



Ordering Code	Item Designation		Price	Master Insert*
MT90 XNKT 0604.. / 0805..			EURO	
SM40458	MT90 XNKT06 D20 M10 L30 Z02-H	✓	104 €	XNKT 0604..
SM40427	MT90 XNKT06 D25 M12 L35 Z03-H	✓	110 €	
SM40434	MT90 XNKT06 D32 M16 L43 Z04-H	✓	118 €	
SM40465	MT90 XNKT06 D40 M16 L43 Z05-H	✓	125 €	
SM40441	MT90 XNKT06 D42 M16 L43 Z05-H	✓	125 €	
SM43497	MT90 XNKT08 D30 M16 L43 Z02-H	✓	118 €	XNKT 08..
SM43503	MT90 XNKT08 D32 M16 L43 Z02-H	✓	118 €	
SM43510	MT90 XNKT08 D40 M16 L43 Z04-H	✓	125 €	



Ordering Code	Item Designation		Price	Master Insert*
TK90 XNKT 0805..			EURO	
SM27961	TK90 XNKT08 D40 A16 Z04-H	✓	93 €	XNKT 08..
SM24472	TK90 XNKT08 D50 A22 Z05-H	✓	112 €	
SM24489	TK90 XNKT08 D63 A22 Z06-H	✓	131 €	
SM24496	TK90 XNKT08 D80 A27 Z08-H	✓	153 €	
SM27930	TK90 XNKT08 D100 A32 Z08-H	✓	185 €	
SM38929	TK90 XNKT08 D100 A32 Z09-H	✓	185 €	
SM38516	TK90 XNKT08 D125 B40 Z10	-	246 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D20 - D25	XNKT 0604..	SSV M3x6- 9507	STK-T08- 9908	1,9
D32 - D40		SSV M3x8- 9508		
D30 - D125	XNKT 0805	SSV M4x9x5- 9528	STK-T15- 9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	ST90 3PKT 0603.. / 1004..		EURO	
SM36802	ST90 3PK06 D12 W12 L120 Z01-H	✓	103 €	3PKT 0603..
SM36826	ST90 3PK06 D16 W16 L150 Z03-H	✓	106 €	
SM36840	ST90 3PK06 D20 W20 L150 Z04-H	✓	115 €	
SM36864	ST90 3PK10 D16 W16 L150 Z01-H	✓	106 €	
SM00845	ST90 3PK10 D17 W16 L150 Z01-H	✓	123 €	3PKT 1004..
SM36871	ST90 3PK10 D20 W20 L150 Z02-H	✓	115 €	
SM00852	ST90 3PK10 D21 W20 L150 Z02-H	✓	127 €	
SM00883	ST90 3PK10 D21 C20 L200 Z02	-	165 €	
SM01699	ST90 3PK10 D22 W20 L120 Z02-H	✓	125 €	
SM53946	ST90 3PK10 D22 W20 L150 Z02-H	✓	124 €	
SM36888	ST90 3PK10 D25 W25 L150 Z03-H	✓	122 €	
SM00869	ST90 3PK10 D26 W25 L150 Z03-H	✓	134 €	
SM00890	ST90 3PK10 D26 C25 L200 Z03	-	178 €	
SM36895	ST90 3PK10 D32 W32 L150 Z04-H	✓	129 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 3PKT 0603.. / 1004..		EURO	
SM53953	MT90 3PK10 D20 M10 L30 Z02-H	✓	111 €	3PKT 1004..
SM01705	MT90 3PK10 D25 M12 L35 Z03-H	✓	119 €	
SM01378	MT90 3PK10 D32 M16 L43 Z04-H	✓	125 €	
SM53960	MT90 3PK10 D35 M16 L43 Z05-H	✓	125 €	
SM53977	MT90 3PK10 D40 M16 L43 Z05-H	✓	125 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 3PKT 1004.. / 1505..		EURO	
SM48997	TK90 3PKT10 D40 A16 Z05-H	✓	113 €	3PKT 1004..
SM49000	TK90 3PKT10 D50 A22 Z06-H	✓	136 €	
SM49017	TK90 3PKT10 D63 A22 Z07-H	✓	148 €	
SM00593	TK90 3PKT15 D40 A16 Z04-H	✓	95 €	3PKT 1505..
SM32163	TK90 3PKT15 D50 A22 Z05-H	✓	106 €	
SM32187	TK90 3PKT15 D63 A22 Z06-H	✓	128 €	
SM32200	TK90 3PKT15 D80 A27 Z08-H	✓	156 €	
SM40496	TK90 3PKT15 D100 A32 Z09-H	✓	218 €	
SM40502	TK90 3PKT15 D125 B40 Z12	-	330 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
				N·m
D12 - D20	3PKT 0603..	SSV M2x5-9502	STK-T06-9906	0,6
D16 - D63	3PKT 1004..	SSV M3x6-9507	STK-T08-9908	1,9
D40 - D125	3PKT 1505..	SSV M4x10-9514	STK-T15-9910	4,3

*Suitable Insert brand is KRLY.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 TN.X 1005..		EURO	
SM47181	ST90 TN1005 D20 W20 L150 Z02-H	✓	115 €	TN.X 1005..
SM47198	ST90 TN1005 D25 W25 L150 Z03-H	✓	124 €	
SM47204	ST90 TN1005 D32 W32 L150 Z04-H	✓	131 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 TN.X 1005..		EURO	
SM47211	MT90 TN1005 D20 M10 L30 Z02-H	✓	104 €	TN.X 1005..
SM47228	MT90 TN1005 D25 M12 L35 Z03-H	✓	110 €	
SM47235	MT90 TN1005 D32 M16 L43 Z04-H	✓	115 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 TN.X 1005..		EURO	
SM47150	TK90 TN1005 D40 A16 Z05-H	✓	113 €	TN.X 1005..
SM47167	TK90 TN1005 D50 A22 Z06-H	✓	136 €	
SM47174	TK90 TN1005 D63 A22 Z07-H	✓	148 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D20 - D63	TN.X 1005..	SSV M3x6 LG-9509	STK-T08-9908	1,9

**Body corners should be modified for R2 and more radius inserts / R2 ve üstü radyüslü uçlarda takımın modifiye edilmesi gerekmektedir.

*Suitable Insert brand is ISC.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 TNGX 1004..		EURO	
SM46733	ST90 TNGX10 D20 W20 L150 Z03-H	✓	115 €	TNGX 1004..
SM46740	ST90 TNGX10 D25 W25 L150 Z04-H	✓	124 €	
SM46757	ST90 TNGX10 D32 W32 L150 Z04-H	✓	131 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 TNGX 1004..		EURO	
SM46160	TK90 TNGX10 D40 A16 Z04-H	✓	113 €	TNGX 1004..
SM46177	TK90 TNGX10 D50 A22 Z05-H	✓	136 €	
SM46184	TK90 TNGX10 D63 A22 Z06-H	✓	148 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D20 D25 - D63	TNGX 1004..	SSV M2.5x6-9505 SSV M2.5x7-9506	STK-T08-9908	1,2

*Suitable Insert brand is PRMT.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 TP.. 1003..		EURO	
SM47518	ST90 TP10 D25 W25 L150 Z02-H		124 €	TP.. 1003..**
SM47525	ST90 TP10 D28 W25 L150 Z03-H		137 €	
SM47532	ST90 TP10 D32 W32 L150 Z04-H		144 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 TP.. 1003..		EURO	
SM47600	MT90 TP10 D25 M12 L35 Z02-H		110 €	TP.. 1003..**
SM47617	MT90 TP10 D32 M16 L43 Z04-H		115 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 TP.. 1003..		EURO	
SM46634	TK90 TP10 D40 A16 Z04-H		113 €	TP.. 1003..**
SM46641	TK90 TP10 D50 A22 Z05-H		136 €	
SM46658	TK90 TP10 D63 A22 Z06-H		148 €	
SM50020	TK90 TP10 D80 A27 Z07-H		159 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D25 - D32	TP.. 1003..	SSV M3.5x8 SC-9513	STK-T10-9909	2,9



Ordering Code	Item Designation		Price	Master Insert*
	ST90 6NGU 0604..		EURO	
SM58620	ST90 6N06 D25 W25 L150 Z02-H	✓	124 €	6NGU 0604..
SM58637	ST90 6N06 D32 W32 L150 Z03-H	✓	131 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 6NGU 0604..		EURO	
SM58644	MT90 6N06 D25 M12 L35 Z02-H	✓	110 €	6NGU 0604..
SM58651	MT90 6N06 D32 M16 L43 Z03-H	✓	115 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 6NGU 0905..		EURO	
SM56107	TK90 6N09 D50 A22 Z04-H	✓	123 €	6NGU 0905..
SM56114	TK90 6N09 D63 A22 Z05-H	✓	134 €	
SM56121	TK90 6N09 D80 A27 Z07-H	✓	157 €	

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



Ordering Code	Item Designation		Price	Master Insert*
	ST90 6NKU 0403..		EURO	
SM47488	ST90 6N04 D20 W20 L150 Z02-H	✓	116 €	6NKU 0403..
SM47495	ST90 6N04 D25 W25 L150 Z03-H	✓	129 €	
SM47501	ST90 6N04 D32 W32 L150 Z04-H	✓	137 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 6NKU 0403..		EURO	
SM47570	MT90 6N04 D20 M10 L30 Z02-H	✓	90 €	6NKU 0403..
SM47587	MT90 6N04 D25 M12 L35 Z03-H	✓	95 €	
SM47594	MT90 6N04 D32 M16 L43 Z04-H	✓	104 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N.m
D20	6NKU 0403..	SSV M2.5x6-9505	STK-T08-9908	1,2
D25 - D32		SSV M2.5x7-9506		



Ordering Code	Item Designation		Price	Master Insert*
	<i>ST90 TNMU 0703...</i>		<i>EURO</i>	
SM58019	ST90 TN07 D16 W16 L150 Z02-H		115 €	TNMU 0703..
SM58026	ST90 TN07 D18 W16 L150 Z02-H		115 €	
SM58033	ST90 TN07 D20 W20 L150 Z02-H		124 €	
SM58040	ST90 TN07 D22 W20 L150 Z02-H		124 €	
SM58057	ST90 TN07 D25 W25 L150 Z03-H		134 €	
SM58064	ST90 TN07 D26 W25 L150 Z04-H		134 €	
SM58071	ST90 TN07 D32 W32 L150 Z04-H		143 €	
SM58088	ST90 TN07 D33 W32 L150 Z05-H		143 €	



Ordering Code	Item Designation		Price	Master Insert*
	<i>TK90 TNMU 0703...</i>		<i>EURO</i>	
SM57982	TK90 TN07 D40 A16 Z06-H		127 €	TNMU 0703..
SM57999	TK90 TN07 D50 A22 Z08-H		165 €	
SM58002	TK90 TN07 D63 A22 Z09-H		193 €	

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 TNGLY.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D16 - D63	TNMU 0703..	SSV M2.2x5-9503	STK-T06-9906	0,85



Ordering Code	Item Designation		Price	Master Insert*
	<i>TK90 TNMX 1806..</i>		<i>EURO</i>	
SM46986	TK90 TN18 D63 A22 Z05-H		125 €	TNMX 1806..
SM46993	TK90 TN18 D80 A27 Z06-H		148 €	
SM47006	TK90 TN18 D100 A32 Z07-H		177 €	

*Suitable Insert brand is TGTC.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D63 - D100	TNMX 1806..	SSV M4x12-9515	STK-T15-9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	ST90 TOMT 0603.. / 1004..		EURO	
SM46078	ST90 TO06 D16 W16 L150 Z02-H	✓	106 €	TOMT 0603..
SM46085	ST90 TO06 D20 W20 L150 Z03-H	✓	115 €	
SM46092	ST90 TO06 D25 W25 L150 Z04-H	✓	124 €	
SM46108	ST90 TO10 D25 W25 L150 Z02-H	✓	124 €	TOMT 1004..
SM46115	ST90 TO10 D32 W32 L150 Z03-H	✓	131 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 TOMT 1004.. / 1506..		EURO	
SM46023	TK90 TO10 D40 A16 Z04-H	✓	113 €	TOMT 1004..
SM46030	TK90 TO10 D50 A22 Z05-H	✓	136 €	
SM46047	TK90 TO10 D63 A22 Z06-H	✓	148 €	
SM52949	TK90 TO15 D50 A22 Z04-H	✓	134 €	TOMT 1506..
SM52956	TK90 TO15 D63 A22 Z05-H	✓	143 €	
SM52963	TK90 TO15 D80 A27 Z06-H	✓	154 €	
SM52970	TK90 TO15 D100 A32 Z07-H	✓	176 €	
SM52987	TK90 TO15 D125 B40 Z08	✓	248 €	

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.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D16 - D25	TOMT 0603..	SSV M2.5x5-9504	STK-T08-9908	1,2
D25 - D63	TOMT 1004..	SSV M3.5x8 SC-9513	STK-T10-9909	2,9
D50 - D125	TOMT 1506..**	SSV M5x13-9519	STK-T20-9911	8,5

**Body corners should be modified for R2 and more radius inserts / R2 ve üstü radyüslü uçlarda takımın modifiye edilmesi gerekmektedir.

*Suitable Insert brand is TNGLY.



Ordering Code	Item Designation		Price	Master Insert*
	TK90 WN.. 0806..		EURO	
SM25288	TK90 WN08 D50 A22 Z04-H	✓	108 €	WN.. 0806..
SM25295	TK90 WN08 D63 A22 Z05-H	✓	125 €	
SM25301	TK90 WN08 D80 A27 Z07-H	✓	148 €	
SM39612	TK90 WN08 D100 A32 Z08-H	✓	177 €	
SM32293	TK90 WN08 D125 B40 Z10	✓	236 €	
SM60647	TK90 WN08 D160 C40 Z12	-	392 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D50 - D160	WN.. 0806..	SSV M5x13-9519	STK-T20-9911	8,5

*Suitable Insert brand is KYCR.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 XNEX 0403..		EURO	
SM43183	ST90 XN04 D17 W16 L150 Z02-H		106 €	XNEX 0403..
SM43190	ST90 XN04 D20 W20 L150 Z03-H		115 €	
SM54028	ST90 XN04 D21 W20 L150 Z03-H		118 €	
SM43206	ST90 XN04 D25 W25 L150 Z04-H		124 €	
SM54035	ST90 XN04 D26 W25 L150 Z04-H		129 €	
SM43213	ST90 XN04 D32 W32 L150 Z05-H		131 €	
SM54042	ST90 XN04 D33 W32 L150 Z05-H		134 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 XNEX 0403..		EURO	
SM43824	MT90 XN04 D20 M10 L30 Z03-H		104 €	XNEX 0403..
SM43831	MT90 XN04 D25 M12 L35 Z04-H		110 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 XNEX 0806..		EURO	
SM28524	TK90 XNEX08 D50 A22 Z04-H		108 €	XNEX 0806..
SM28517	TK90 XNEX08 D63 A22 Z05-H		125 €	
SM28500	TK90 XNEX08 D80 A27 Z07-H		148 €	
SM32309	TK90 XNEX08 D100 A32 Z08-H		177 €	
SM32316	TK90 XNEX08 D125 B40 Z10	-	236 €	

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 SCO.

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N-m
D17 - D21	XNEX 0403..	SSV M2.5x5-9504	STK-T08-9908	1,2
D25 - D33		SSV M2.5x6-9505		
D50 - D125	XNEX 0806..	SSV M4x12-9515	STK-T15-9910	4,3