



Ordering Code	Item Designation		Price	Master Insert*
	ST90 APKT 1003.. ISO		EURO	
SM12493	ST90 AP10 D12 W12 L120 Z01	-	46 €	APKT 1003..
SM12172	ST90 AP10 D12 W16 L120 Z01	-	46 €	
SM12189	ST90 AP10 D14 W16 L120 Z01	-	48 €	
SM01729	ST90 AP10 D16 W16 L100 Z02-H	✓	55 €	
SM12196	ST90 AP10 D16 W16 L120 Z02	-	55 €	
SM12486	ST90 AP10 D16 W16 L120 Z02-H	✓	59 €	
SM12264	ST90 AP10 D16 W16 L150 Z02	-	75 €	
SM27794	ST90 AP10 D16 W16 L150 Z02-H	✓	78 €	
SM12318	ST90 AP10 D16 C16 L200 Z02	-	73 €	
SM38592	ST90 AP10 D16 C16 L200 Z02-H	✓	80 €	
SM38639	ST90 AP10 D17 W16 L150 Z02	-	75 €	
SM38585	ST90 AP10 D17 C16 L200 Z02	-	80 €	
SM12202	ST90 AP10 D18 W16 L120 Z02	-	55 €	
SM12271	ST90 AP10 D18 W16 L150 Z02	-	75 €	
SM38578	ST90 AP10 D18 C16 L200 Z02-H	✓	91 €	
SM12325	ST90 AP10 D18 C16 L200 Z02	-	80 €	
SM01736	ST90 AP10 D20 W20 L100 Z03-H	✓	61 €	
SM12219	ST90 AP10 D20 W20 L120 Z03	-	61 €	
SM12394	ST90 AP10 D20 W20 L120 Z03-H	✓	66 €	
SM12288	ST90 AP10 D20 W20 L150 Z03	-	77 €	
SM38622	ST90 AP10 D20 W20 L150 Z03-H	✓	80 €	
SM38561	ST90 AP10 D20 C20 L200 Z03-H	✓	106 €	
SM12349	ST90 AP10 D20 C20 L200 Z03	-	91 €	
SM38615	ST90 AP10 D21 W20 L150 Z03	-	77 €	
SM38554	ST90 AP10 D21 C20 L200 Z03	-	105 €	
SM12226	ST90 AP10 D22 W20 L120 Z03	-	61 €	
SM12295	ST90 AP10 D22 W20 L150 Z03	-	77 €	
SM12356	ST90 AP10 D22 C20 L200 Z03	-	96 €	
SM12370	ST90 AP10 D23 W20 L120 Z03	-	63 €	
SM12233	ST90 AP10 D24 W20 L120 Z03	-	63 €	
SM12387	ST90 AP10 D24 W20 L150 Z03	-	84 €	
SM26889	ST90 AP10 D24 C20 L200 Z03	-	100 €	
SM01743	ST90 AP10 D25 W25 L100 Z03-H	✓	68 €	
SM12240	ST90 AP10 D25 W25 L120 Z03	-	68 €	
SM12417	ST90 AP10 D25 W25 L120 Z03-H	✓	75 €	
SM12332	ST90 AP10 D25 W25 L150 Z03	-	84 €	
SM38608	ST90 AP10 D25 W25 L150 Z03-H	✓	90 €	
SM12363	ST90 AP10 D25 C25 L200 Z03	-	100 €	
SM12479	ST90 AP10 D25 C25 L250 Z03	-	117 €	
SM12509	ST90 AP10 D26 W25 L120 Z03-H	✓	75 €	
SM12516	ST90 AP10 D26 W25 L150 Z03	-	84 €	
SM12523	ST90 AP10 D26 C25 L200 Z03	-	100 €	
SM12165	ST90 AP10 D30 W25 L120 Z04	-	75 €	
SM12455	ST90 AP10 D30 W25 L150 Z04	-	87 €	
SM12400	ST90 AP10 D32 W25 L120 Z04	-	80 €	
SM12257	ST90 AP10 D32 W32 L120 Z04	-	75 €	
SM12424	ST90 AP10 D32 W32 L120 Z04-H	✓	90 €	
SM12431	ST90 AP10 D32 W25 L150 Z04	-	87 €	
SM12448	ST90 AP10 D32 W32 L150 Z04	-	80 €	
SM24113	ST90 AP10 D32 C32 L300 Z04	-	158 €	
SM12301	ST90 AP10 D35 W32 L120 Z05	-	87 €	
SM12158	ST90 AP10 D40 W32 L120 Z05	-	92 €	
SM12462	ST90 AP10 D40 W32 L150 Z05	-	91 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 APKT 1003.. ISO		EURO	
SM15586	MT90 AP10 D16 M08 L25 Z02-H	✓	85 €	APKT 1003..
SM15593	MT90 AP10 D20 M10 L30 Z03-H	✓	88 €	
SM15609	MT90 AP10 D25 M12 L35 Z03-H	✓	94 €	
SM15616	MT90 AP10 D32 M16 L43 Z04-H	✓	102 €	
SM15623	MT90 AP10 D40 M16 L43 Z05-H	✓	107 €	
SM15630	MT90 AP10 D42 M16 L43 Z05-H	✓	111 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 APKT 1003.. ISO		EURO	
SM29309	TK90 AP10 D40 A16 Z05-H	✓	75 €	APKT 1003..
SM13995	TK90 AP10 D40 A16 Z05	-	70 €	
SM29293	TK90 AP10 D50 A22 Z06-H	✓	92 €	
SM14008	TK90 AP10 D50 A22 Z06	-	85 €	
SM29286	TK90 AP10 D63 A22 Z07-H	✓	107 €	
SM14015	TK90 AP10 D63 A22 Z07	-	100 €	
SM29279	TK90 AP10 D80 A27 Z08-H	✓	118 €	
SM14022	TK90 AP10 D80 A27 Z08	-	127 €	
SM29262	TK90 AP10 D100 A32 Z09-H	✓	140 €	
SM14039	TK90 AP10 D100 A32 Z09	-	147 €	
SM13988	TK90 AP10 D125 B40 Z11	-	209 €	

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*
	HT90 APKT 1003.. HELICAL CUTTER ISO		EURO	
SM15777	HT90 AP10 D20 L87 A20 Z06	-	222 €	APKT 1003..
SM15784	HT90 AP10 D25 L105 A25 Z08-H	✓	268 €	
SM15791	HT90 AP10 D32 L115 A32 Z15-H	✓	345 €	
SM15807	HT90 AP10 D40 L130 A32 Z18-H	✓	383 €	

Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D12 - D14	APKT 1003..	SSV M2.5x5-9504	STK-T08-9908	1,2
D16 - D125		SSV M2.5x6-9505		



Ordering Code	Item Designation		Price	Master Insert*
	ST90 APKT 1604.. ISO		EURO	
SM12783	ST90 AP16 D25 W25 L120 Z02	-	61 €	APKT 1604..
SM57043	ST90 AP16 D25 W25 L120 Z02-H	✓	72 €	
SM12875	ST90 AP16 D25 W25 L150 Z02	-	80 €	
SM57050	ST90 AP16 D25 W25 L150 Z02-H	✓	90 €	
SM12929	ST90 AP16 D25 C25 L200 Z02	-	92 €	
SM24137	ST90 AP16 D25 C25 L250 Z02	-	124 €	
SM12790	ST90 AP16 D26 W25 L120 Z02	-	61 €	
SM57067	ST90 AP16 D26 W25 L120 Z02-H	✓	72 €	
SM12950	ST90 AP16 D26 W25 L150 Z02	-	80 €	
SM13001	ST90 AP16 D26 C25 L200 Z02	-	92 €	
SM12806	ST90 AP16 D28 W25 L120 Z02	-	64 €	
SM12967	ST90 AP16 D28 W25 L150 Z02	-	80 €	
SM13018	ST90 AP16 D28 C25 L200 Z02	-	97 €	
SM12868	ST90 AP16 D30 W25 L120 Z03	-	64 €	
SM57074	ST90 AP16 D30 W25 L120 Z03-H	✓	75 €	
SM12882	ST90 AP16 D30 W25 L150 Z03	-	85 €	
SM12769	ST90 AP16 D30 C25 L200 Z03	-	100 €	
SM13032	ST90 AP16 D32 W25 L120 Z03	-	68 €	
SM12813	ST90 AP16 D32 W32 L120 Z03	-	66 €	
SM57081	ST90 AP16 D32 W32 L120 Z03-H	✓	77 €	
SM12899	ST90 AP16 D32 W32 L150 Z03	-	88 €	
SM12974	ST90 AP16 D32 W25 L150 Z03	-	86 €	
SM12752	ST90 AP16 D32 C32 L200 Z03	-	100 €	
SM24120	ST90 AP16 D32 C32 L250 Z03	-	130 €	
SM24106	ST90 AP16 D32 C32 L300 Z03	-	139 €	
SM12820	ST90 AP16 D34 W32 L120 Z03	-	69 €	
SM12981	ST90 AP16 D34 W32 L150 Z03	-	86 €	
SM13025	ST90 AP16 D34 C32 L200 Z03	-	102 €	
SM12943	ST90 AP16 D35 W32 L120 Z03	-	72 €	
SM12905	ST90 AP16 D35 W32 L150 Z03	-	88 €	
SM12936	ST90 AP16 D35 C32 L200 Z03	-	105 €	
SM12837	ST90 AP16 D36 W32 L120 Z03	-	72 €	
SM12844	ST90 AP16 D38 W32 L120 Z04	-	77 €	
SM12851	ST90 AP16 D40 W32 L120 Z04	-	77 €	
SM12998	ST90 AP16 D40 W25 L150 Z04	-	97 €	
SM12912	ST90 AP16 D40 W32 L150 Z04	-	94 €	
SM12776	ST90 AP16 D40 C32 L200 Z04	-	121 €	





Ordering Code	Item Designation		Price	Master Insert*
	MT90 APKT 1604.. ISO		EURO	
SM23833	MT90 AP16 D25 M12 L35 Z02-H		94 €	APKT 1604..
SM23840	MT90 AP16 D32 M16 L43 Z03-H		102 €	
SM23857	MT90 AP16 D40 M16 L43 Z04-H		107 €	
SM23864	MT90 AP16 D42 M16 L43 Z04-H		111 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 APKT 1604.. ISO		EURO	
SM29255	TK90 AP16 D40 A16 Z04-H		70 €	APKT 1604..
SM14046	TK90 AP16 D40 A16 Z04	-	65 €	
SM29248	TK90 AP16 D50 A22 Z05-H		89 €	
SM14053	TK90 AP16 D50 A22 Z05	-	84 €	
SM29231	TK90 AP16 D63 A22 Z06-H		105 €	
SM14060	TK90 AP16 D63 A22 Z06	-	100 €	
SM29224	TK90 AP16 D80 A27 Z07-H		120 €	
SM14077	TK90 AP16 D80 A27 Z07	-	115 €	
SM29217	TK90 AP16 D100 A32 Z08-H		144 €	
SM14084	TK90 AP16 D100 A32 Z08	-	139 €	
SM14091	TK90 AP16 D125 B40 Z09	-	209 €	
SM14107	TK90 AP16 D160 C40 Z10	-	272 €	
SM14114	TK90 AP16 D200 C60 Z12	-	435 €	

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
D25 - D200	APKT 1604..	SSV M4x9x5-9528	STK-T15-9910	4,3

Ordering Code	Item Designation		Price	Master Insert*
ST90 APMT 0602.. - 11T3 KRLY			EURO	
SM35232	ST90 AP06 D10 C10 L120 Z02	-	81 €	APMT 0602..
SM35249	ST90 AP06 D12 C12 L120 Z02	-	81 €	
SM12547	ST90 AP11 D16 W16 L120 Z02	-	56 €	
SM51713	ST90 AP11 D16 W16 L120 Z02-H	✓	64 €	
SM12592	ST90 AP11 D16 W16 L150 Z02	-	76 €	APMT 11T3..
SM51744	ST90 AP11 D16 W16 L150 Z02-H	✓	87 €	
SM12615	ST90 AP11 D16 C16 L200 Z02	-	80 €	
SM12554	ST90 AP11 D20 W20 L120 Z03	-	73 €	
SM51720	ST90 AP11 D20 W20 L120 Z03-H	✓	84 €	
SM12608	ST90 AP11 D20 W20 L150 Z03	-	80 €	
SM51751	ST90 AP11 D20 W20 L150 Z03-H	✓	91 €	
SM12530	ST90 AP11 D20 C20 L200 Z03	-	92 €	
SM12561	ST90 AP11 D25 W25 L120 Z03	-	76 €	
SM51737	ST90 AP11 D25 W25 L120 Z03-H	✓	88 €	
SM12622	ST90 AP11 D25 W25 L150 Z03	-	84 €	
SM51768	ST90 AP11 D25 W25 L150 Z03-H	✓	96 €	
SM12660	ST90 AP11 D25 C25 L200 Z03	-	101 €	
SM12578	ST90 AP11 D26 W25 L120 Z03	-	76 €	
SM12639	ST90 AP11 D26 W25 L150 Z03	-	87 €	
SM12677	ST90 AP11 D26 C25 L200 Z03	-	101 €	
SM12585	ST90 AP11 D32 W32 L120 Z04	-	84 €	
SM12653	ST90 AP11 D32 W32 L150 Z04	-	87 €	
SM12684	ST90 AP11 D32 C32 L200 Z04	-	119 €	

Ordering Code	Item Designation		Price	Master Insert*
MT90 APMT 11T3.. KRLY			EURO	
SM51928	MT90 AP11 D16 M08 L25 Z02-H	✓	85 €	APMT 11T3..
SM51935	MT90 AP11 D20 M10 L30 Z03-H	✓	88 €	
SM51942	MT90 AP11 D25 M12 L35 Z04-H	✓	94 €	

Ordering Code	Item Designation		Price	Master Insert*
TK90 APMT 11T3.. KRLY			EURO	
SM46122	TK90 AP11 D40 A16 Z05-H	✓	101 €	APMT 11T3..
SM46139	TK90 AP11 D50 A22 Z06-H	✓	121 €	
SM46146	TK90 AP11 D63 A22 Z07-H	✓	132 €	
SM46153	TK90 AP11 D80 A27 Z08-H	✓	149 €	

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
D10 - D12	APMT 0602..	SSV M1.8x4-9501	STK-T06-9906	0,6
D16 - D32	APMT 11T3..	SSV M2.5x6-9505	STK-T08-9908	1,2
D40 - D80		SSV M2.5x7-9506		

*Suitable Insert brand is KRLY.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 APMT 1135..		EURO	
SM51775	ST90 APMT11 D16 W16 L120 Z02-H	✓	64 €	APMT 1135..
SM47648	ST90 APMT11 D16 W16 L150 Z02-H	✓	87 €	
SM01231	ST90 APMT11 D16 C16 L200 Z02	-	80 €	
SM51812	ST90 APMT11 D17 W16 L150 Z02-H	✓	87 €	
SM51867	ST90 APMT11 D17 C16 L200 Z02	-	80 €	
SM51782	ST90 APMT11 D18 W16 L120 Z02-H	✓	64 €	
SM51829	ST90 APMT11 D18 W16 L150 Z02-H	✓	87 €	
SM51799	ST90 APMT11 D20 W20 L120 Z03-H	✓	84 €	
SM47655	ST90 APMT11 D20 W20 L150 Z03-H	✓	91 €	
SM51874	ST90 APMT11 D20 C20 L200 Z03	-	92 €	
SM51836	ST90 APMT11 D21 W20 L150 Z03-H	✓	91 €	
SM51881	ST90 APMT11 D21 C20 L200 Z03	-	92 €	
SM51805	ST90 APMT11 D25 W25 L120 Z04-H	✓	88 €	
SM47662	ST90 APMT11 D25 W25 L150 Z04-H	✓	96 €	
SM51898	ST90 APMT11 D25 C25 L200 Z04	-	101 €	
SM51843	ST90 APMT11 D26 W25 L150 Z04-H	✓	96 €	
SM51904	ST90 APMT11 D26 C25 L200 Z04	-	101 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 APMT 1135..		EURO	
SM47709	MT90 APMT11 D16 M08 L25 Z02-H	✓	85 €	APMT 1135..
SM47716	MT90 APMT11 D20 M10 L30 Z03-H	✓	88 €	
SM47723	MT90 APMT11 D25 M12 L35 Z04-H	✓	91 €	
SM00876	MT90 APMT11 D32 M16 L43 Z04-H	✓	112 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 APMT 1135..		EURO	
SM47679	TK90 APMT11 D40 A16 Z05-H	✓	68 €	APMT 1135..
SM47686	TK90 APMT11 D50 A22 Z06-H	✓	86 €	
SM50181	TK90 APMT11 D63 A22 Z07-H	✓	102 €	
SM50198	TK90 APMT11 D80 A27 Z08-H	✓	117 €	

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 - D26	APMT 1135..	SSV M2.5x6-9505	STK-T08-9908	1,2
D40 - D80		SSV M2.5x7-9506		



Ordering Code	Item Designation		Price	Master Insert*
<i>ST90 APKT 09T3.. - 1204.. / 1705..</i>			<i>EURO</i>	
SM32637	ST90 AP09T3 D16 W16 L150 Z02-H	✓	78 €	APKT 09T3..
SM32644	ST90 AP09T3 D16 C16 L200 Z02	-	81 €	
SM32620	ST90 AP09T3 D20 W20 L150 Z03-H	✓	80 €	
SM32651	ST90 AP09T3 D20 C20 L200 Z03	-	89 €	
SM12691	ST90 AP12 D20 W20 L150 Z02	-	81 €	APKT 1204..
SM12707	ST90 AP12 D21 W20 L150 Z02	-	81 €	
SM12721	ST90 AP12 D21 C20 L200 Z02	-	95 €	
SM12714	ST90 AP12 D25 W25 L150 Z03	-	85 €	
SM12738	ST90 AP12 D26 C25 L200 Z03	-	107 €	
SM12646	ST90 AP12 D32 W32 L150 Z04	-	89 €	APKT 1705..
SM13049	ST90 AP17 D25 W25 L120 Z02	-	61 €	
SM13063	ST90 AP17 D26 C25 L200 Z02	-	110 €	
SM13070	ST90 AP17 D26 C25 L250 Z02	-	130 €	
SM13087	ST90 AP17 D30 C25 L300 Z02	-	130 €	
SM13056	ST90 AP17 D32 W32 L150 Z03	-	85 €	



Ordering Code	Item Designation		Price	Master Insert*
<i>MT90 APKT 09T3.. - 1204..</i>			<i>EURO</i>	
SM56138	MT90 AP09 D16 M08 L25 Z02-H	✓	90 €	APKT 09T3..
SM56145	MT90 AP09 D20 M10 L30 Z03-H	✓	92 €	
SM56329	MT90 AP12 D20 M10 L30 Z02-H	✓	92 €	APKT 1204..
SM56336	MT90 AP12 D25 M12 L35 Z03-H	✓	100 €	
SM56343	MT90 AP12 D32 M16 L43 Z04-H	✓	105 €	



Ordering Code	Item Designation		Price	Master Insert*
<i>TK90 APKT 1204.. / 1705..</i>			<i>EURO</i>	
SM54240	TK90 AP12 D40 A16 Z05-H	✓	107 €	APKT 1204..
SM54257	TK90 AP12 D50 A22 Z06-H	✓	120 €	
SM54264	TK90 AP12 D63 A22 Z07-H	✓	135 €	
SM28852	TK90 AP17 D50 A22 Z05-H	✓	86 €	APKT 1705..
SM28845	TK90 AP17 D63 A22 Z06-H	✓	100 €	
SM28838	TK90 AP17 D80 A27 Z07-H	✓	116 €	
SM28821	TK90 AP17 D100 A32 Z09-H	✓	138 €	

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	APKT 09T3..**	SSV M2.5x5-9504	STK-T08-9908	1,2
D20		SSV M2.5x6-9505		
D20 - D63	APKT 1204..**	SSV M3.5x8-SC-9513	STK-T10-9909	2,9
D25 - D100	APKT 1705..**	SSV M4x10-9514	STK-T15-9910	3,0

** 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 APKT 11T3..		EURO	
SM44159	ST90 APKT11 D16 W16 L150 Z02-H	✓	105 €	APKT 11T3..
SM49697	ST90 APKT11 D17 W16 L150 Z02-H	✓	105 €	
SM44166	ST90 APKT11 D20 W20 L150 Z03-H	✓	110 €	
SM49703	ST90 APKT11 D21 W20 L150 Z03-H	✓	110 €	
SM44173	ST90 APKT11 D25 W25 L150 Z04-H	✓	116 €	
SM49710	ST90 APKT11 D26 W25 L150 Z04-H	✓	116 €	
SM44180	ST90 APKT11 D32 W32 L150 Z04-H	✓	122 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 APKT 11T3..		EURO	
SM46344	MT90 APKT11 D16 M08 L25 Z02-H	✓	85 €	APKT 11T3..
SM46351	MT90 APKT11 D20 M10 L30 Z03-H	✓	88 €	
SM46368	MT90 APKT11 D25 M12 L35 Z04-H	✓	94 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 APKT 11T3..		EURO	
SM44883	TK90 APKT11 D40 A16 Z05-H	✓	101 €	APKT 11T3..
SM44890	TK90 APKT11 D50 A22 Z06-H	✓	121 €	
SM44906	TK90 APKT11 D63 A22 Z07-H	✓	132 €	

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
D16 - D32	APKT 11T3..			N·m
D40 - D63		SSV M2.5x6-9505 SSV M2.5x7-9506		
			STK-T08-9908	1,2



Ordering Code	Item Designation		Price	Master Insert*
ST90 R390.0702.. / R390.11T3.. / R390.1704			EURO	
SM58101	ST90 R390.07 D10 W10 L100 Z02-H		101 €	R390-0702..
SM58118	ST90 R390.07 D12 W12 L100 Z02-H		101 €	
SM58125	ST90 R390.07 D14 W12 L100 Z03-H		101 €	
SM58132	ST90 R390.07 D16 W16 L110 Z04-H		101 €	
SM29873	ST90 R390.11 D16 W16 L100 Z02-H		65 €	R390-11T3..
SM13780	ST90 R390.11 D16 W16 L150 Z02	-	73 €	
SM13797	ST90 R390.11 D16 W16 L150 Z02-H		83 €	
SM13759	ST90 R390.11 D20 W20 L100 Z03-H		68 €	
SM27053	ST90 R390.11 D20 W20 L110 Z03-H		68 €	R390-1704..
SM13803	ST90 R390.11 D20 W20 L150 Z03	-	78 €	
SM13810	ST90 R390.11 D20 W20 L150 Z03-H		88 €	
SM37885	ST90 R390.11 D25 W25 L100 Z03-H		76 €	
SM13827	ST90 R390.11 D25 W25 L150 Z03	-	83 €	R390-1704..
SM13858	ST90 R390.11 D25 W25 L150 Z03-H		97 €	
SM13834	ST90 R390.17 D25 W25 L150 Z02	-	83 €	
SM13865	ST90 R390.17 D25 W25 L150 Z02-H		97 €	
SM13841	ST90 R390.17 D30 W25 L150 Z03	-	88 €	R390-1704..
SM13872	ST90 R390.17 D30 W25 L150 Z03-H		99 €	



Ordering Code	Item Designation		Price	Master Insert*
MT90 R390.11T3..			EURO	
SM23871	MT90 R390.11 D16 M08 L25 Z02-H		85 €	R390-11T3..
SM23888	MT90 R390.11 D20 M10 L30 Z03-H		90 €	
SM23895	MT90 R390.11 D25 M12 L35 Z03-H		94 €	
SM23918	MT90 R390.11 D32 M16 L43 Z04-H		102 €	



Ordering Code	Item Designation		Price	Master Insert*
TK90 R390.11T3.. / R390.1704.. / R390.1806..			EURO	
SM29156	TK90 R390.11 D40 A16 Z05-H		72 €	R390-11T3..
SM29149	TK90 R390.11 D50 A22 Z06-H		89 €	
SM29132	TK90 R390.11 D63 A22 Z07-H		103 €	
SM29125	TK90 R390.17 D40 A16 Z04-H		68 €	
SM29118	TK90 R390.17 D50 A22 Z05-H		86 €	R390-1704..
SM29101	TK90 R390.17 D63 A22 Z06-H		102 €	
SM29095	TK90 R390.17 D80 A27 Z07-H		117 €	
SM29088	TK90 R390.17 D100 A32 Z08-H		141 €	
SM14305	TK90 R390.17 D125 B40 Z09	-	209 €	R390-1806..
SM50204	TK90 R390.18 D50 A22 Z05-H		121 €	
SM50211	TK90 R390.18 D63 A22 Z06-H		132 €	
SM50228	TK90 R390.18 D80 A27 Z07-H		149 €	
SM50235	TK90 R390.18 D100 A32 Z08-H		158 €	R390-1806..
SM54097	TK90 R390.18 D125 B40 Z09	-	237 €	
SM54103	TK90 R390.18 D160 C40 Z12	-	350 €	

Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D10 - D16	R390-0702..	SSV M1.8x4- 9501	STK-T06- 9906	0,6
D16	R390-11T3..	SSV M2.5x5- 9504	STK-T08- 9908	1,2
D20 - D32		SSV M2.5x6- 9505		
D40 - D63		SSV M2.5x7- 9506		
D25 - D30	R390-1704..	SSV M3.5x8- 9510	STK-T15- 9910	2,9
D40 - D125		SSV M3.5x10- 9511		
D50 - D63		SSV M3.5x10- 9511		
D80 - D160	R390-1806..**	SSV M4x9x5- 9528		3,0



Ordering Code	Item Designation		Price	Master Insert*
	ST90 ASMT / ASGT 11T3..		EURO	
SM53670	ST90 AS11 D16 W16 L150 Z02-H	✓	94 €	AS.T 11T3..
SM53687	ST90 AS11 D20 W20 L150 Z03-H	✓	105 €	
SM53694	ST90 AS11 D25 W25 L150 Z04-H	✓	107 €	
SM53700	ST90 AS11 D32 W32 L150 Z05-H	✓	113 €	



Ordering Code	Item Designation		Price	Master Insert*
	MT90 ASMT / ASGT 11T3..		EURO	
SM53717	MT90 AS11 D20 M10 L30 Z03-H	✓	90 €	AS.T 11T3..
SM53724	MT90 AS11 D25 M12 L35 Z04-H	✓	96 €	
SM53731	MT90 AS11 D32 M16 L43 Z05-H	✓	105 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 ASMT / ASGT 11T3..		EURO	
SM52918	TK90 AS11 D40 A16 Z06-H	✓	105 €	AS.T 11T3..
SM52925	TK90 AS11 D50 A22 Z07-H	✓	132 €	
SM52932	TK90 AS11 D63 A22 Z08-H	✓	145 €	

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 - D32	AS.T 11T3..**	SSV M2.5x6-9505	STK-T08-9908	1,2
D40 - D63		SSV M2.5x7-9506		

** 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*
	ST90 BDMT / BDGT 0703.. / 11T3.. / 1704..		EURO	
SM27701	ST90 BD07 D10 C10 L100 Z01	-	101 €	BD..0703..
SM27688	ST90 BD07 D10 C10 L100 Z01-H	✓	101 €	
SM27718	ST90 BD07 D12 C12 L120 Z02	-	101 €	
SM27695	ST90 BD07 D12 C12 L120 Z02-H	✓	101 €	
SM54066	ST90 BD11 D16 W16 L100 Z02-H	✓	83 €	BD..11T3..
SM37953	ST90 BD11 D16 W16 L150 Z02	-	76 €	
SM29811	ST90 BD11 D16 W16 L150 Z02-H	✓	87 €	
SM27596	ST90 BD11 D17 W16 L150 Z02-H	✓	87 €	
SM27572	ST90 BD11 D17 C16 L200 Z02	-	87 €	
SM54073	ST90 BD11 D20 W20 L100 Z03-H	✓	95 €	
SM37960	ST90 BD11 D20 W20 L150 Z03	-	87 €	
SM29804	ST90 BD11 D20 W20 L150 Z03-H	✓	99 €	
SM27633	ST90 BD11 D21 W20 L150 Z03-H	✓	96 €	
SM27619	ST90 BD11 D21 C20 L200 Z03	-	99 €	
SM54080	ST90 BD11 D25 W25 L100 Z04-H	✓	101 €	
SM37977	ST90 BD11 D25 W25 L150 Z04	-	92 €	
SM29798	ST90 BD11 D25 W25 L150 Z04-H	✓	105 €	
SM27671	ST90 BD11 D26 W25 L150 Z04-H	✓	105 €	
SM27657	ST90 BD11 D26 C25 L200 Z04	-	105 €	
SM37984	ST90 BD11 D32 W32 L150 Z05-H	✓	113 €	
SM35881	ST90 BD17 D25 W25 L150 Z02	-	87 €	BD..1704..
SM35898	ST90 BD17 D25 W25 L150 Z02-H	✓	96 €	
SM35911	ST90 BD17 D25 C25 L200 Z02	-	101 €	
SM35904	ST90 BD17 D32 W32 L150 Z03	-	96 €	
SM35928	ST90 BD17 D32 C32 L200 Z03	-	119 €	

Size Designation

Master Insert*



Spare Parts



Size Designation	Master Insert*	Spare Parts		
		Screw	Torx Key	Screw Torque Value
D10 - D12	BD..0703..	SSV M2x4-9521	STK-T06-9906	0,6
D16 - D17	BD..11T3..	SSV M2.5x5-9504	STK-T08-9908	1,2
D20 - D32		SSV M2.5x6-9505		
D25 - D32	BD..1704..	SSV M4x9x5-9528	STK-T15-9910	3,0



Ordering Code	Item Designation		Price	Master Insert*
	MT90 BDMT / BDGT 11T3..		EURO	
SM36543	MT90 BD11 D16 M08 L25 Z02-H	✓	85 €	BD..11T3..
SM36550	MT90 BD11 D20 M10 L30 Z03-H	✓	88 €	
SM36567	MT90 BD11 D25 M12 L35 Z04-H	✓	94 €	
SM36574	MT90 BD11 D32 M16 L43 Z05-H	✓	102 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 BDMT / BDGT 11T3.. / 1704..		EURO	
SM52994	TK90 BD11 D40 A16 Z04-H	✓	72 €	BD..11T3..
SM01767	TK90 BD11 D40 A16 Z05-H	✓	83 €	
SM53007	TK90 BD11 D50 A22 Z04-H	✓	88 €	
SM01774	TK90 BD11 D50 A22 Z05-H	✓	99 €	
SM01781	TK90 BD11 D63 A22 Z06-H	✓	114 €	
SM53014	TK90 BD11 D80 A27 Z06-H	✓	140 €	
SM01798	TK90 BD11 D80 A27 Z07-H	✓	165 €	
SM53021	TK90 BD11 D100 A32 Z07-H	✓	175 €	
SM39872	TK90 BD17 D40 A16 Z04-H	✓	72 €	BD..1704..
SM31067	TK90 BD17 D50 A22 Z05-H	✓	86 €	
SM31074	TK90 BD17 D63 A22 Z06-H	✓	102 €	
SM31081	TK90 BD17 D80 A27 Z07-H	✓	117 €	
SM54059	TK90 BD17 D100 A32 Z08-H	✓	175 €	

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	BD..11T3..	SSV M2.5x5-9504	STK-T08-9908	1,2
D20 - D100		SSV M2.5x6-9505		
D40 - D100	BD..1704..	SSV M4x9x5-9528	STK-T15-9910	3,0

*Suitable Insert brand is KYCR.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 AXMT 1235.. / 1705..		EURO	
SM26803	ST90 AX12 D16 W16 L120 Z02	-	52 €	AXMT 1235..
SM26810	ST90 AX12 D16 W16 L150 Z02	-	56 €	
SM27220	ST90 AX12 D16 C16 L200 Z02	-	63 €	
SM27817	ST90 AX12 D20 W20 L110 Z03-H	✓	59 €	
SM26902	ST90 AX12 D20 W20 L120 Z03	-	59 €	
SM27824	ST90 AX12 D20 W20 L120 Z03-H	✓	69 €	
SM13100	ST90 AX12 D20 W20 L150 Z03	-	63 €	
SM27800	ST90 AX12 D20 W20 L150 Z03-H	✓	73 €	
SM52130	ST90 AX12 D20 C20 L200 Z03	-	69 €	
SM27848	ST90 AX12 D25 C20 L120 Z04	-	67 €	
SM26827	ST90 AX12 D25 W25 L120 Z04	-	63 €	
SM12745	ST90 AX12 D25 W25 L150 Z03	-	84 €	
SM39025	ST90 AX12 D25 W25 L150 Z04-H	✓	95 €	
SM22225	ST90 AX12 D25 C25 L200 Z04	-	101 €	
SM13117	ST90 AX17 D25 W25 L150 Z02	-	80 €	AXMT 1705..
SM27077	ST90 AX17 D32 W32 L120 Z03	-	87 €	
SM27060	ST90 AX17 D32 W32 L120 Z03-H	✓	101 €	
SM22249	ST90 AX17 D32 W32 L150 Z03	-	84 €	
SM27084	ST90 AX17 D32 C32 L200 Z03	-	101 €	
SM26797	ST90 AX17 D32 C32 L250 Z03	-	123 €	
SM27022	ST90 AX17 D40 W32 L150 Z04	-	95 €	
SM27039	ST90 AX17 D40 C32 L200 Z04	-	116 €	



Size Designation	Master Insert*	Spare Parts		
		Screw 	Torx Key 	Screw Torque Value N·m
D16 - D25	AXMT 1235..**	SSV M3x6 LG-9509	STK-T08-9908	1,9
D25 - D40	AXMT 1705..**	SSV M4x10-9514	STK-T15-9910	4,3



Ordering Code	Item Designation		Price	Master Insert*
	MT90 AXMT 1235.. / 1705..		EURO	
SM23994	MT90 AX12 D16 M08 L25 Z02-H	✓	85 €	AXMT 1235..
SM24007	MT90 AX12 D20 M10 L30 Z03-H	✓	88 €	
SM24014	MT90 AX12 D25 M12 L35 Z04-H	✓	94 €	
SM56466	MT90 AX17 D32 M16 L43 Z03-H	✓	110 €	AXMT 1705..
SM56473	MT90 AX17 D40 M16 L43 Z04-H	✓	119 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 AXMT 1235.. / 1705..		EURO	
SM28395	TK90 AX12 D40 A16 Z05-H	✓	69 €	AXMT 1235..
SM28388	TK90 AX12 D50 A22 Z06-H	✓	87 €	
SM28371	TK90 AX12 D63 A22 Z07-H	✓	105 €	
SM28364	TK90 AX12 D80 A27 Z09-H	✓	119 €	
SM28357	TK90 AX17 D40 A16 Z04-H	✓	69 €	AXMT 1705..
SM28340	TK90 AX17 D50 A22 Z05-H	✓	87 €	
SM28333	TK90 AX17 D63 A22 Z06-H	✓	105 €	
SM24373	TK90 AX17 D80 A27 Z07-H	✓	119 €	
SM24380	TK90 AX17 D100 A32 Z08-H	✓	143 €	

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 - D80	AXMT 1235..**	SSV M3x6 LG-9509	STK-T08-9908	1,9
D32 - D100	AXMT 1705..**	SSV M4x10-9514	STK-T15-9910	4,3

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

* Suitable Insert brand is SMTM.



Ordering Code	Item Designation		Price	Master Insert*
	ST90 ADMX 0702.. / 11T3.. / 1606..		EURO	
SM44197	ST90 ADMX07 D10 C10 L120 Z02-H	✓	85 €	ADMX 0702..
SM44203	ST90 ADMX07 D12 C12 L120 Z03-H	✓	85 €	
SM43770	ST90 ADMX11 D20 W20 L150 Z02-H	✓	97 €	ADMX 11T3..
SM43787	ST90 ADMX11 D25 W25 L150 Z03-H	✓	112 €	
SM43794	ST90 ADMX11 D32 W32 L150 Z04-H	✓	122 €	ADMX 1606..
SM43800	ST90 ADMX16 D25 W25 L150 Z02-H	✓	112 €	
SM43817	ST90 ADMX16 D32 W32 L150 Z03-H	✓	122 €	



Ordering Code	Item Designation		Price	Master Insert*
	TK90 ADMX 11T3.. / 1606..		EURO	
SM43527	TK90 ADMX11 D40 A16 Z05-H	✓	101 €	ADMX 11T3..
SM43534	TK90 ADMX11 D50 A22 Z06-H	✓	119 €	
SM43541	TK90 ADMX11 D63 A22 Z07-H	✓	132 €	ADMX 1606..
SM42902	TK90 ADMX16 D50 A22 Z05-H	✓	101 €	
SM42919	TK90 ADMX16 D63 A22 Z06-H	✓	121 €	
SM42926	TK90 ADMX16 D80 A27 Z07-H	✓	132 €	

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
D10 - D12	ADMX 0702..	SSV M2x5- 9502	STK-T06- 9906	0,6
D20	ADMX 11T3..	SSV M2.5x6- 9505	STK-T08- 9908	1,2
D25 - D63		SSV M2.5x7 - 9506		
D50 - D80	ADMX 1606..	SSV M4x10- 9514	STK-T15- 9910	4,3