

● Toolholder Dimensions

Description		Std.		Min. Bore Dia.	Dimension (mm)								θ	Standard Corner-R (R)	Coolant Hole	Drawing	Spare Parts			
		R	L	øA	øD	H	L1	L2	L3	L4	F	S								
Excellent Bar	S06H-STLB ^{R/L} 06-08AE	●	●	8	6	5	100	12	-	12	3.8	0.5	12°	0.2	No	Fig.1	SB-2035TR	FT-6		
	A08X-STLP ^{R/L} 09-10AE	●	●	10	8	7	120	16	22	16	5	0.5	10°	0.4	Yes	Fig.2	SB-2545TR	FT-8		
	A10L-STLP ^{R/L} 09-12AE	●	●	12	10	9	140	20	25	20	6.2	0.9	8°				SB-3060TR	FT-10		
	A10L-STLP ^{R/L} 11-12AE	●	●								6	0.7	10°							
	A12M-STLP ^{R/L} 11-14AE	●	●	14	12	11	150	24	30	24	7.2	0.8	7°						3.5°	
	A16Q-STLP ^{R/L} 11-18AE	●	●	18	16	15	180	30	36	30	9.2	0.7	2°							
	A20R-STLP ^{R/L} 11-22AE	●	●	22	20	19	200	36	46	37	11.2		0°							SB-4065TR
A25S-STLP ^{R/L} 16-27AE	●	●	27	25	24	250	46	55	46	13.7										
Steel	S06H-STLB ^{R/L} 06-08A	●	●	8	6	5	100	12	-	12	3.8	0.5	12°	0.2	No	Fig.3	SB-2035TR	FT-6		
	S08X-STLP ^{R/L} 09-10A	●	●	10	8	7	120	16	22	16	5	0.5	10°	0.4		Fig.4	SB-2545TR	FT-8		
	S10L-STLP ^{R/L} 09-12A	●	●	12	10	9	140	20	25	20	6.2	0.9	8°				SB-3060TR	FT-10		
	S10L-STLP ^{R/L} 11-12A	●	●								6	0.7	10°							
	S12M-STLP ^{R/L} 11-14A	●	●	14	12	11	150	24	30	24	7.2	0.8	7°						3.5°	
	S16Q-STLP ^{R/L} 11-18A	●	●	18	16	15	180	30	36	30	9.2	0.7	2°							
	S20R-STLP ^{R/L} 11-22A	●	●	22	20	19	200	36	46	37	11.2		0°							SB-4065TR
	S25S-STLP ^{R/L} 16-27A	●	●	27	25	24	250	46	55	46	13.7									
Carbide	C06J-STLB ^{R/L} 06-08A	●	●	8	6	5.4	110	12	-	12	3.8	0.5	12°	0.2	No	Fig.5	SB-2035TR	FT-6		
	E08L-STLP ^{R/L} 09-10A	●	●	10	8	7	140	16	15	15	5	0.5	10°	0.4	Yes	Fig.6	SB-2545TR	FT-8		
	E10N-STLP ^{R/L} 09-12A	●	●	12	10	9	160	20	19	19	6.2	0.9	8°							
	E10N-STLP ^{R/L} 09-12A-2 / 3	●																	105	
	E10N-STLP ^{R/L} 09-12A-1 / 2	●																		80
	E10N-STLP ^{R/L} 11-12A	●	●																	
	E10N-STLP ^{R/L} 11-12A-2 / 3	●									105									
	E10N-STLP ^{R/L} 11-12A-1 / 2	●										80								
	E12Q-STLP ^{R/L} 11-14A	●	●	14	12	11	180	23	22	22			7.2				0.8	7°		
	E12Q-STLP ^{R/L} 11-14A-2 / 3	●																	120	
	E12Q-STLP ^{R/L} 11-14A-1 / 2	●									90									
	E16X-STLP ^{R/L} 11-18A	●	●									18								16
	E16X-STLP ^{R/L} 11-18A-2 / 3	●		145																
	E16X-STLP ^{R/L} 11-18A-1 / 2	●			110															
	E20S-STLP ^{R/L} 11-22A	●	●			22	20	19	250	32	31		31				11.2	0.7	2°	
	E20S-STLP ^{R/L} 11-22A-2 / 3	●										165								
	E20S-STLP ^{R/L} 11-22A-1 / 2	●		125																
	E25T-STLP ^{R/L} 16-27A	●	●		27															25
	E25T-STLP ^{R/L} 16-27A-2 / 3	●				200														

● Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing	Finishing / Precision	Medium	Low Feed / Precision	Soft Steel Finishing	Soft Steel Finishing-Medium
Ref. Page	B59, B61	B61	B59	B61	B59, B62	B63	B62	B63	B61	B61
Insert	CF	GP	DP	HQ	^{R/L}	^{R/L} -FSF	^{R/L} -H	^{R/L} -USF	XP	XQ
Toolholder										
...-STLB ^{R/L} 06-...	TBGT0601..	-	TBMT0601..	-	TBGT0601..	-	-	-	-	-
...-STLP ^{R/L} 09-...	TPGT0902..	TPMT0902..	-	TPMT0902..	TPGH0902..	-	-	-	TPMT0902..	-
...-STLP ^{R/L} 11-...	-	TPMT1103..	-	TPMT1103..	TPGH1103..	TPET1103..	TPGH1103..	TPET1103..	TPMT1103..	TPMT1103..
...-STLP ^{R/L} 16-...	-	TPMT1603..	-	TPMT1603..	TPGH1603..	-	TPGH1603..	-	TPMT1603..	TPMT1603..
Applications	Cast Iron	Non-ferrous Metals	Hard Materials							
Ref. Page	B59, B63	C19, C20, C21	C12							
Insert	Without Chipbreaker	PCD	CBN							
Toolholder										
...-STLB ^{R/L} 06-...	TBGW0601..	TBMT0601.. TBGW0601..	-							
...-STLP ^{R/L} 09-...	TPGB0902..	TPMH0902.. TPGB0902..	TPGB0902..							
...-STLP ^{R/L} 11-...	TPGB1103..	TPMH1103.. TPGB1103..	TPGB1103..							
...-STLP ^{R/L} 16-...	TPGB1603..	TPMH1603.. TPGB1603..	TPGB1603..							

For recommended cutting conditions, see page ● F77~F78

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)