












● Toolholder Dimensions

Description	Std.		Min. Bore Dia.	Dimension (mm)									θ	Standard Corner-R (°)	Coolant Hole	Drawing	Spare Parts	
	R	L		∅A	∅D	H	L1	L2	L3	L4	F	S					Clamp Screw	Wrench
																		
Excellent Bar	S10H-SWUB ^{R/L} 06-06AE	●	●	6	10	9	100	21	-	13	3	-	15°	0.2	No	Fig.1	SB-2035TR	FT-6
	S10H-SWUB ^{R/L} 06-07AE	●	●	7	10	9	100	24.5	-	15	3.5	-	13°					
	S10H-SWUB ^{R/L} 08-08AE	●	●	8	10	9	100	28	-	15	4	-	15°	0.4	Yes	Fig.2	SB-2545TR	FT-8
	A08X-SWUB ^{R/L} 08-10AE	●	●	10	8	7	120	16	21	16	5	-	13°					
	A10L-SWUB ^{R/L} 08-12AE	●	●	12	10	9	140	20	25	20	6	-	10°	0.8			SB-4065TR	FT-15
	A12M-SWUP ^{R/L} 11-14AE	●	●	14	12	11	150	24	30	24	7	-	4°					
	A16Q-SWUP ^{R/L} 11-18AE	●	●	18	16	15	180	30	37	30	9		1°					
	A16Q-SWUP ^{R/L} 16-18AE	●	●										3.5°					
A20R-SWUP ^{R/L} 16-22AE	●	●	22	20	19	200	36	46	37	11	-	2°						
Steel	S10H-SWUB ^{R/L} 06-06A	●	●	6	10	9	100	21	-	13	3	-	15°	0.2	No	Fig.3	SB-2035TR	FT-6
	S10H-SWUB ^{R/L} 06-07A	●	●	7	10	9	100	25	-	15	3.5	-	13°					
	S10H-SWUB ^{R/L} 08-08A	●	●	8	10	9	100	28	-	15	4	-	15°	0.4		Fig.4	SB-2545TR	FT-8
	S08X-SWUB ^{R/L} 08-10A	●	●	10	8	7	120	16	21	16	5	-	13°					
	S10L-SWUB ^{R/L} 08-12A	●	●	12	10	9	140	20	25	20	6	-	10°	0.8			SB-4065TR	FT-15
	S12M-SWUP ^{R/L} 11-14A	●	●	14	12	11	150	24	30	24	7	-	4°					
	S16Q-SWUP ^{R/L} 11-18A	●	●	18	16	15	180	30	37	30	9		1°					
	S16Q-SWUP ^{R/L} 16-18A	●	●										3.5°					
	S20R-SWUP ^{R/L} 16-22A	●	●	22	20	19	200	36	46	37	11	-	2°					
Carbide	C05H-SWUB ^{R/L} 06-06A	●	●	6	5	4.4	100	11	-	11	3	-	13°	0.2	No	Fig.5	SB-2035TR	FT-6
	C06J-SWUB ^{R/L} 06-07A	●	●	7	6	5.4	110	12	-	12	3.5	-	13°					
	C07K-SWUB ^{R/L} 08-08A	●	●	8	7	6.4	125	13	-	13	4	-	13°	0.4		Fig.6	SB-2545TR	FT-8
	E08L-SWUB ^{R/L} 08-10A	●	●	10	8	7	140	16	15	15	5	-	13°					
	E10N-SWUB ^{R/L} 08-12A	●	●	12	10	9	160	20	19	19	6		-					
	E10N-SWUB ^{R/L} 08-12A-2 / 3	●	●				105						-	10°				
	E10N-SWUB ^{R/L} 08-12A-1 / 2	●	●				80						-					
	E12Q-SWUP ^{R/L} 11-14A	●	●	14	12	11	180	23	22	22	7		-					
	E12Q-SWUP ^{R/L} 11-14A-2 / 3	●	●				120						-	4°				
	E12Q-SWUP ^{R/L} 11-14A-1 / 2	●	●				90						-					
	E16X-SWUP ^{R/L} 11-18A	●	●	18	16	15	220	28	27	27	9		-					
	E16X-SWUP ^{R/L} 11-18A-2 / 3	●	●				145						-	1°				
	E16X-SWUP ^{R/L} 11-18A-1 / 2	●	●				110						-					
	E16X-SWUP ^{R/L} 16-18A	●	●	22	20	19	220	32	31	31	11		-					
	E16X-SWUP ^{R/L} 16-18A-2 / 3	●	●				145						-	3.5°				
	E16X-SWUP ^{R/L} 16-18A-1 / 2	●	●				110						-					
E20S-SWUP ^{R/L} 16-22A	●	●	22	20	19	250	165	31	31	11		-						
E20S-SWUP ^{R/L} 16-22A-2 / 3	●	●				125						-	2°					
E20S-SWUP ^{R/L} 16-22A-1 / 2	●	●				125						-						



● Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing	Finishing-Medium	Cast Iron	Non-ferrous Metals	Hard Materials
Ref. Page	B77	B79	B77	B79	B77	B79	B77, B79	C22	C15
Insert	CF	GP	^{R/L} -DP	HQ	^{R/L} -F	^{R/L} -Y	Without Chipbreaker	PCD	CBN
Toolholder									
...-SWUB ^{R/L} 06-...	WBG0601..	-	WBMT0601..	-	WBG0601..	-	WBGW0601..	WBMT0601..	WBGW0601..
...-SWUB ^{R/L} 08-...	-	-	WBMT0802..	-	WBG0802..	-	WBGW0802..	WBMT0802..	WBGW0802..
...-SWUP ^{R/L} 11-...	-	WPMT1102..	-	WPMT1102..	-	WPGT1102..	WPGW1102..	WPMT1102..	-
...-SWUP ^{R/L} 16-...	-	WPMT1603..	-	WPMT1603..	-	WPGT1603..	WPGW1603..	-	-

For recommended cutting conditions, see page ● F82-F83

● : Std. Item □ : Check Availability