

● 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					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°							
	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°	0.4	Yes	Fig.2	SB-2545TR	FT-8		
	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°						0.8	SB-4065TR
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°							
	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°	0.4	No	Fig.4	SB-2545TR	FT-8		
	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°						0.8	SB-4065TR
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°							
	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	-	10°	0.4	Yes	Fig.6	SB-2050TR	FT-8		
	E10N-SWUB ^{R/L} 08-12A-2 / 3	●					105					-								
	E10N-SWUB ^{R/L} 08-12A-1 / 2	●					80					-								
	E12Q-SWUP ^{R/L} 11-14A	●	●	14	12	11	180	23	22	22	7	-	4°				SB-2545TR	FT-8		
	E12Q-SWUP ^{R/L} 11-14A-2 / 3	●					120					-								
	E12Q-SWUP ^{R/L} 11-14A-1 / 2	●					90					-								
	E16X-SWUP ^{R/L} 11-18A	●	●	18	16	15	220	28	27	27	9	-	1°						SB-4065TR	FT-15
	E16X-SWUP ^{R/L} 11-18A-2 / 3	●					145					-								
	E16X-SWUP ^{R/L} 11-18A-1 / 2	●					110					-								
	E16X-SWUP ^{R/L} 16-18A	●	●				220					-	3.5°							
	E16X-SWUP ^{R/L} 16-18A-2 / 3	●					145					-								
	E16X-SWUP ^{R/L} 16-18A-1 / 2	●					110					-								
	E20S-SWUP ^{R/L} 16-22A	●	●	22	20	19	250	32	31	31	11	-	2°							
	E20S-SWUP ^{R/L} 16-22A-2 / 3	●					165					-								
	E20S-SWUP ^{R/L} 16-22A-1 / 2	●					125					-								

● Applicable Inserts

Applications Ref. Page	Minute ap B70	Finishing B71	Finishing B70	Finishing-Medium B71	Finishing B70	Finishing-Medium B71	Cast Iron B70, B71	Non-ferrous Metals C22	Hard Materials C14	
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 ●F77~F78

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