

● Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)							θ	Standard Corner-R (°)	Drawing	Spare Parts	
		R	L		øD	H	L1	L2	L3	L4	F				Clamp Screw	Wrench
S10H -SCLC ^{R/L} 03-05E	SCLC ^{R/L} 0510B-03E	●	●	5	10	9	100	24	-	-	2.5	15°	0.2	Fig.1	SB-1635TR	FT-6
SCLC ^{R/L} 03-06E		●	●	6	10	9	100	28	-	-	3.0	13°	0.2			
S10J -SCLC ^{R/L} 04-07E		●	●	7	10	9	110	32	-	-	3.5	13°	0.2			
SCLC ^{R/L} 04-08E	0810B-04E	●	●	8	10	9	110	37	-	-	4.0	11°	0.2	Fig.2	SB-2040TR	FT-8
S08X -SCLC ^{R/L} 06-10E	SCLC ^{R/L} 1008B-06E	●	●	10	8	7	120	17	-	-	5	12°	0.2			
S10M -SCLP ^{R/L} 08-12E	SCLP ^{R/L} 1210B-08E	●	●	12	10	9	150	23	-	-	6	5°	0.4		SB-3STR	FT-10
S12M -SCLP ^{R/L} 08-14E		●	●	14	12	11	150	25	-	-	7	4°	0.4			
S12M -SCLP ^{R/L} 09-16E		●	●	16	12	11	150	29	-	-	8	4°	0.4			
S16Q -SCLP ^{R/L} 09-18E	1816B-09E	●	●	18	16	15	180	31	-	-	9	3.5°	0.4	Fig.3	SB-4TR	FT-15
S16R -SCLP ^{R/L} 09-20E	2016B-09E	●	●	20	16	15	200	34	-	-	10	3°	0.4			
S20X -SCLP ^{R/L} 09-25E	2520B-09E	●	●	25	20	19	220	37	-	-	12.5	0°	0.4			
S08X -SCLC ^{R/L} 06-10	SCLC ^{R/L} 1008B-06	●	●	10	8	7	120	17	-	-	5	12°	0.2	Fig.4	SB-2545TR	FT-8
S10M -SCLP ^{R/L} 08-12	SCLP ^{R/L} 1210B-08	●	●	12	10	9	150	23	-	-	6	5°	0.4			
S12M -SCLP ^{R/L} 08-14		●	●	14	12	11	150	25	-	-	7	4°	0.4			
S12M -SCLP ^{R/L} 09-16		●	●	16	12	11	150	29	-	-	8	4°	0.4	Fig.5	SB-4TR	FT-15
S16N -SCLP ^{R/L} 09-18	1816B-09	●	●	18	16	15	160	31	-	-	9	3.5°	0.4			
S16Q -SCLP ^{R/L} 09-20	2016B-09	●	●	20	16	15	180	34	-	-	10	3°	0.4			
S20R -SCLP ^{R/L} 09-25	2520B-09	●	●	25	20	19	200	37	-	-	12.5	0°	0.4	Fig.6	SB-4TR	FT-15
S25S -SCLP ^{R/L} 09-30	3025B-09	●	●	30	25	24	250	40	-	-	15	0°	0.4			
C04G -SCLC ^{R/L} 03-05	SCLC ^{R/L} 0504B-03W	●	●	5	4	3.8	90	7	-	-	2.5	15°	0.2		SB-1635TR	FT-6
C05H -SCLC ^{R/L} 03-06		●	●	6	5	4.4	100	9	-	-	3.0	13°	0.2			
C06J -SCLC ^{R/L} 04-07		●	●	7	6	5.4	110	10	-	-	3.5	13°	0.2			
C07K -SCLC ^{R/L} 04-08	0807B-04W	●	●	8	7	6.4	125	11	-	-	4.0	11°	0.2	Fig.7	SB-2040TR	FT-8
C08L -SCLC ^{R/L} 06-10	SCLC ^{R/L} 1008B-06W	●	●	10	8	7	140	10	-	-	5	10°	0.2			
C10N -SCLP ^{R/L} 08-12	SCLP ^{R/L} 1210B-08W	●	●	12	10	9	160	12	-	-	6	8°	0.4		SB-3STR	FT-10
SCLP ^{R/L} 08-12-1 / 2		●	●	12	10	9	80	12	-	-	6	8°	0.4			
SCLP ^{R/L} 08-12-2 / 3		●	●	12	10	9	105	12	-	-	6	8°	0.4			
C12Q -SCLP ^{R/L} 09-16	1612B-09W	●	●	16	12	11	180	14	-	-	8	5°	0.4	Fig.8	SB-4TR	FT-15
SCLP ^{R/L} 09-16-1 / 2	1612B-09W-1 / 2	●	●	16	12	11	90	14	-	-	8	5°	0.4			
SCLP ^{R/L} 09-16-2 / 3	1612B-09W-2 / 3	●	●	16	12	11	120	14	-	-	8	5°	0.4			
C16X -SCLP ^{R/L} 09-20	2016B-09W	●	●	20	16	15	220	16	-	-	10	3°	0.4	Fig.9	SB-4TR	FT-15
SCLP ^{R/L} 09-20-1 / 2	2016B-09W-1 / 2	●	●	20	16	15	110	16	-	-	10	3°	0.4			
SCLP ^{R/L} 09-20-2 / 3	2016B-09W-2 / 3	●	●	20	16	15	145	16	-	-	10	3°	0.4			
C20S -SCLP ^{R/L} 09-25	2520B-09W	●	●	25	20	19	250	17	-	-	12.5	0°	0.4	Fig.10	SB-4TR	FT-15
SCLP ^{R/L} 09-25-1 / 2	2520B-09W-1 / 2	●	●	25	20	19	125	17	-	-	12.5	0°	0.4			
SCLP ^{R/L} 09-25-2 / 3	2520B-09W-2 / 3	●	●	25	20	19	165	17	-	-	12.5	0°	0.4			

● Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing-Medium	Medium	Medium	Finishing-Medium	Finishing	Finishing / Precision
Ref. Page	B45	B49	B45	B45	B45, B49	B46	B46, B49	B45	B47	B47
Insert	CF	GP	GF	GK	HQ	FN-Z	Standard	GQ	%-F	%-FSF
Toolholder										
....SCLC ^{R/L} 03....	CCGT0301..	-	-	-	-	-	-	-	CCGT0301..	CCET0301..
....SCLC ^{R/L} 04....	CCGT0401..	-	-	-	-	-	-	-	CCGT0401..	CCET0401..
....SCLC ^{R/L} 06....	-	-	CCGT0602..	CCMT0602..	CCMT0602..	CCGT0602..	CCGT0602..	CCGT0602..	-	-
....SCLP ^{R/L} 08....	-	CPMT0802..	-	-	CPMH0802..	-	CPMH0802..	-	-	-
....SCLP ^{R/L} 09....	-	CPMT0903..	-	-	CPMH0903..	-	CPMH0903..	-	-	-
Applications	Finishing-Medium	Low Feed	Low Feed / Precision	Soft Steel Finishing	Soft Steel Finishing-Medium	Cast Iron	Non-ferrous Metals	Hard Materials		
Ref. Page	B49	B48	B48	B49	B49	B47, B49	C18	C10		
Insert	%-Y	(E / F) %-U	F%-USF	XP	XQ	Without Chipbreaker	PCD	CBN		
Toolholder										
....SCLC ^{R/L} 03....	-	-	-	-	-	-	-	CCMW0301..		
....SCLC ^{R/L} 04....	-	-	-	-	-	-	CCGW0401..	CCMW0401..		
....SCLC ^{R/L} 06....	-	CCGT0602..	CCET0602..	-	-	CCGW0602..	CCMT0602.. CCGW0602..	CCMW0602..		
....SCLP ^{R/L} 08....	CPMH0802..	-	-	CPMT0802..	-	CPMB0802..	CPMH0802..	CPGB0802..		
....SCLP ^{R/L} 09....	CPMH0903..	-	-	CPMT0903..	CPMT0903..	CPMB0903..	CPMH0903..	CPGB0903..		

For recommended cutting conditions, see page ● F77-F78

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