

● Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)								θ	Standard Corner-R (r)	Drawing	Spare Parts		
		R	L		øA	øD	H	L1	L2	L3	L4	F				S		
C10L -STUB ^{R/L} 06-08	STUB ^{R/L} 0810B-06W	●	●	8	10	9	140	50	-	-	4	0.5	12°	0.2	Fig.3	SB-1STR	FT-6	
C08L -STUP ^{R/L} 08-10	STUP ^{R/L} 1008B-08W	●	●	10	8	7	140	10	-	-	5	0.5	10°	0.4		SB-1TR		
C10N -STUP ^{R/L} 09-12	1210B-09W	●	●				160							0.4		SB-2TR	FT-8	
STUP ^{R/L} 09-12-1/2	1210B-09W-1/2	●		12	10	9	80	11	-	-	6	0.5	8°					
STUP ^{R/L} 09-12-2/3	1210B-09W-2/3	●					105											
C12Q -STUP ^{R/L} 09-16	1612B-09W	●	●				180							5°		SB-2TR	FT-8	
STUP ^{R/L} 09-16-1/2	1612B-09W-1/2	●		16	12	11	90	12	-	-	8	0.7						
STUP ^{R/L} 09-16-2/3	1612B-09W-2/3	●					120											
C10N -STUP ^{R/L} 11-12	1210B-11W	●	●				160							8°		SB-3TR	FT-10	
STUP ^{R/L} 11-12-1/2	1210B-11W-1/2	●		12	10	9	80	11	-	-	6	0.5						
STUP ^{R/L} 11-12-2/3	1210B-11W-2/3	●					105											
C12Q -STUP ^{R/L} 11-14	1412B-11W	●	●				180							7°		SB-3TR	FT-10	
STUP ^{R/L} 11-14-1/2	1412B-11W-1/2	●		14	12	11	90	13	-	-	7	0.5						
STUP ^{R/L} 11-14-2/3	1412B-11W-2/3	●					120											
C12Q -STUP ^{R/L} 11-16	1612B-11W	●	●				180							5°		SB-3TR	FT-10	
STUP ^{R/L} 11-16-1/2	1612B-11W-1/2	●		16	12	11	90	13	-	-	8	0.3						
STUP ^{R/L} 11-16-2/3	1612B-11W-2/3	●					120											
C16X -STUP ^{R/L} 11-18	1816B-11W	●	●				220							4°		SB-3TR	FT-10	
STUP ^{R/L} 11-18-1/2	1816B-11W-1/2	●		18	16	15	110	14	-	-	9	0.3						
STUP ^{R/L} 11-18-2/3	1816B-11W-2/3	●					145											
C16X -STUP ^{R/L} 11-20	2016B-11W	●	●				220							3°		SB-3TR	FT-10	
STUP ^{R/L} 11-20-1/2	2016B-11W-1/2	●		20	16	15	110	14	-	-	10	0.8						
STUP ^{R/L} 11-20-2/3	2016B-11W-2/3	●					145											
C20S -STUP ^{R/L} 11-25	2520B-11W	●	●				250							0°		SB-3TR	FT-10	
STUP ^{R/L} 11-25-1/2	2520B-11W-1/2	●		25	20	19	125	16	-	-	12.5	0.7						
STUP ^{R/L} 11-25-2/3	2520B-11W-2/3	●					165											
C20S -STUP ^{R/L} 16-25	2520B-16W	●	●				250							0°		SB-4TR	FT-15	
STUP ^{R/L} 16-25-1/2	2520B-16W-1/2	●		25	20	19	125	18	-	-	12.5	0.3						
STUP ^{R/L} 16-25-2/3	2520B-16W-2/3	●					165											

● 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	%	%-FSF	%-H	F%-USF	XP	XQ
Toolholder										
....STUB ^{R/L} 06....	TBGT0601..	-	TBMT0601..	-	TBGT0601..	-	-	-	-	-
....STUP ^{R/L} 08....	TPGT0802..	-	-	-	TPGH0802..	TPET0802..	-	TPET0802..	-	-
....STUP ^{R/L} 09....	TPGT0902..	TPMT0902..	-	TPMT0902..	TPGH0902..	-	-	-	TPMT0902..	-
....STUP ^{R/L} 11....	-	TPMT1103..	-	TPMT1103..	TPGH1103..	TPET1103..	TPGH1103..	TPET1103..	TPMT1103..	TPMT1103..
....STUP ^{R/L} 16....	-	TPMT1603..	-	TPMT1603..	TPGH1603..	-	TPGH1603..	-	TPMT1603..	TPMT1603..
Applications	Cast Iron	Non-ferrous Metals	Hard Materials							
Ref. Page	B59, B63	C19-C21	C12							
Insert	Without Chipbreaker	PCD	CBN							
Toolholder										
....STUB ^{R/L} 06....	TBGW0601..	TBMT0601.. TBGW0601..	-							
....STUP ^{R/L} 08....	TPGB0802..	TPMH0802.. TPGB0802..	TPGB0802..							
....STUP ^{R/L} 09....	TPGB0902..	TPMH0902.. TPGB0902..	TPGB0902..							
....STUP ^{R/L} 11....	TPGB1103..	TPMH1103.. TPGB1103..	TPGB1103..							
....STUP ^{R/L} 16....	TPGB1603..	TPMH1603.. TPGB1603..	TPGB1603..							

For recommended cutting conditions, see page ● F77~F78