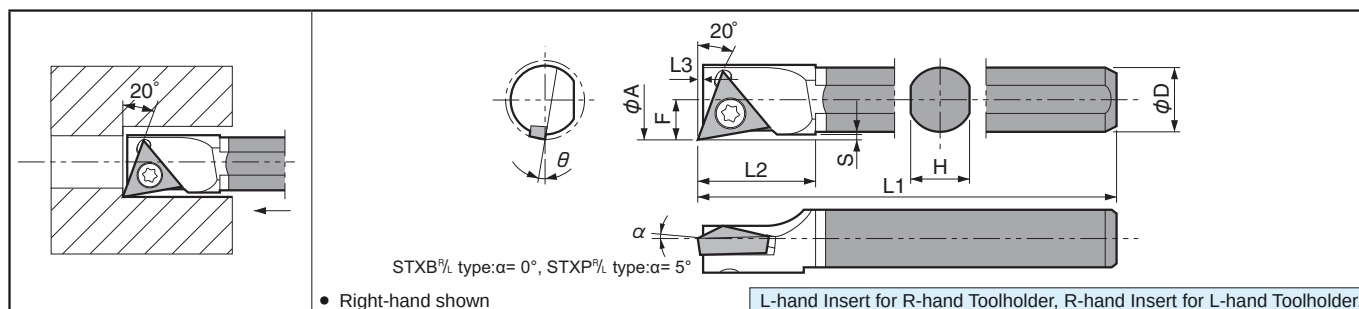


Boring Bar [TB □□ / TP □□ Insert]

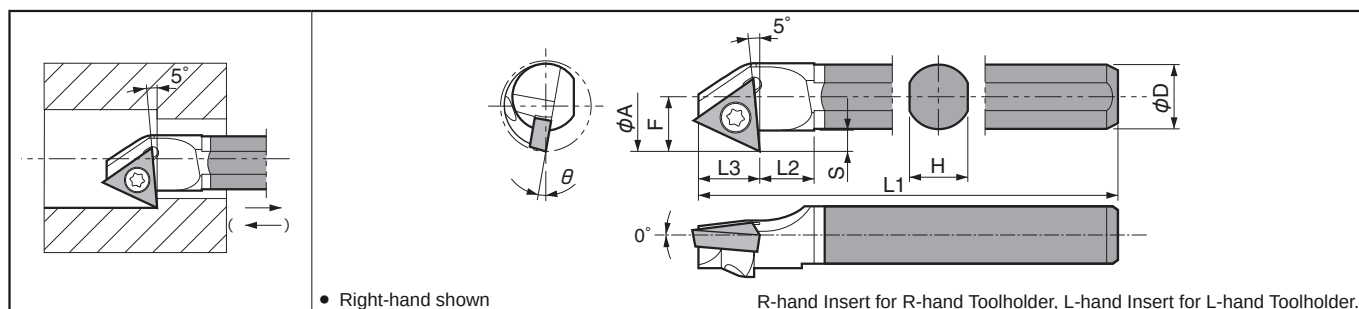
C...STXP(B) Carbide Shank Bar (Boring / Internal Facing)

Max. Overhang Length L/D≈7



C...STZB Carbide Shank Bar (Back Boring)

Max. Overhang Length L/D≈7



* When using R-hand Toolholder, use R-hand insert if machining from back to front in this direction (→).
Use L-hand insert if machining from front to back in this direction (←).

Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)								θ	Standard Corner-R (r)	Spare Parts	
					øA	øD	H	L1	L2	L3	F	S			Clamp Screw	Wrench
		R	L													
C06J-STXB ^{R/L} 06-075	STXB ^{R/L} 07506B-06W	●	●	7.5	6	5.4	110	11	0.5	3.75	0.5	10°	0.03	SB-1STR	FT-6	
C08X-STXP ^{R/L} 08-09	STXP ^{R/L} 09008B-08W	●	●	9.0	8	7.0	143	14	0.6	4.6						
C10X-STXP ^{R/L} 09-11	11010B-09W	●	●	11.0	10	9.0	164	17		5.6						
C06J-STZB ^{R/L} 06-085	STZB ^{R/L} 08506B-06W	●	●	8.5	6	5.4	110	5	5.7	5.1	2.0					

Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing	Finishing / Precision	Low Feed / Precision	Soft Steel Finishing	Cast Iron	Non-ferrous Metals
Ref. Page	B59, B61	B61	B59	B61	B59, B62	B63	B63	B61	B59, B63	C19, C21
Insert	CF	GP	DP	HQ	%	%-FSF	F%-USF	XP	Without Chipbreaker	PCD
Toolholder										
....STXB% 06-....	TBGT0601..	-	TBMT0601..	-	TBGT0601..	-	-	-	TBGW0601..	TBMT0601..
....STXP% 08-....	TPGT0802	-	-	-	TPGH0802..	TPET0802..	TPET0802..	-	TPGB0802..	TPMH0802..
....STXP% 09-....	TPGT0902..	TPMT0902..	-	TPMT0902..	TPGH0902..	-	-	TPMT0902..	TPGB0902..	TPMH0902..
....STZB% 06-....	TBGT0601..	-	TBMT0601..	-	TBGT0601..	-	-	-	TBGW0601..	TBMT0601..
Applications	Hard Materials									
Ref. Page	C12									
Insert	CBN									
Toolholder										
....STXB% 06-....	-									
....STXP% 08-....	TPGB0802..									
....STXP% 09-....	TPGB0902..									
....STZB% 06-....	-									

C...STXP(B) Type Boring Bar Cutting Conditions

For recommended cutting conditions, see page F77~F78

Toolholder	Insert Description (Grade)	Vc (m/min)	ap (mm)	f (mm/rev)	Coolant
C06J-STXB% 06-075	TBGT0601003 $\frac{1}{4}_R$ (PR930)	30~100	0.02~0.1	0.02~0.04	Yes
C08X-STXP% 08-09	TPGH080201 $\frac{1}{4}_R$ (PR930)	30~100	0.05~0.15	0.03~0.08	Yes
C10X-STXP% 09-11	TPGH090201 $\frac{1}{4}_L$ (PR930)	30~100	0.05~0.15	0.03~0.08	Yes

(Workpiece Material: Alloy Steel)