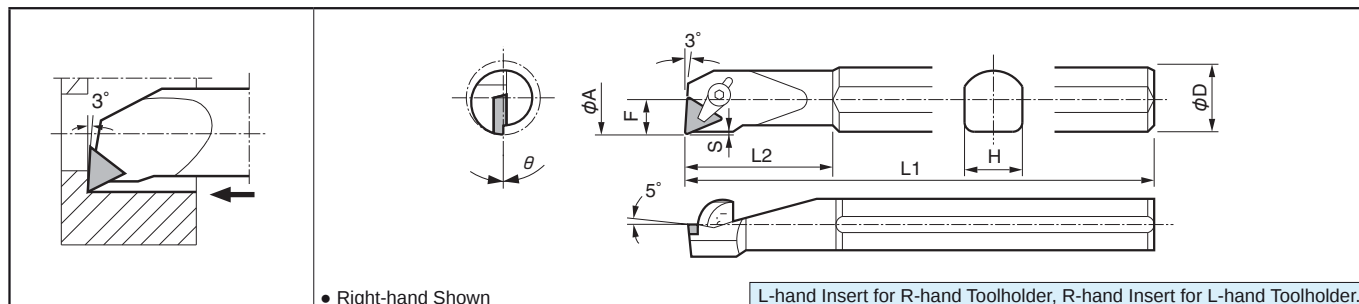


Boring Bar [TP ☐ ☐ Insert]

Top Clamp

S...CTUP (Boring)

Max. Overhang Length L/D≈-3



Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (°)	Spare Parts								
		R	L		øA	øD	H	L1	L2	F			S	Clamp Set		Wrench		Shim	Shim Screw		
																					
S12L-CTUP ^{R/L} 09-16	CTUP ^{R/L} 1612B-09	●	●	16	12	11	140	32	8	0.5	0°	0.4		-	FH-2	-	-	-			
S16N-CTUP ^{R/L} 11-20	2016B-11	●	●	20	16	14	160	30	10	0.5	0°	0.4	-	CPS-2	FH-2.5	-	-	-			
S20Q-CTUP ^{R/L} 11-27		2720B-11	●	●	27	20	18	180	40	13.5			1.3	-	CPS-2	FH-2.5	-	-	-		
S25X-CTUP ^{R/L} 16-34		3425B-16	●	●	34	25	23	220	60	17			1.0	0°	0.8	-	CPS-3	-	LW-3	-	-
S32S-CTUP ^{R/L} 16-43		4332B-16	●	●	43	32	30	250	70	21.5										-	-
S40X-CTUP ^{R/L} 16-50	5040B-16	●	●	50	40	37	315	80	25												

Applicable Inserts

Applications	Finishing	Finishing-Medium	Medium	Medium	Finishing	Finishing-Medium	Cast Iron	Cast Iron	Non-ferrous Metals	Hard Materials
Ref. Page	B64	B64	B64	B64	B64	B64	B65	B88	C23	C15
Insert	GP	HQ	G	Standard	1/4-F	1/4-□	Without Chipbreaker	Ceramic	PCD	CBN
Toolholder										
....CTUP ^{R/L} 09....	-	-	TPMR0902..	-	TPGR0902..	-	TPGN0902..	-	TPGN0902..	-
....CTUP ^{R/L} 11....	TPMR1103..	TPMR1103..	TPMR1103..	TPMR1103..	-	TPGR1103..	TPMN1103.. TPGN1103..	TPGN1103..	TPGN1103..	TPGN1103..
....CTUP ^{R/L} 16....	TPMR1603..	TPMR1603..	TPMR1603..	TPMR1603..	-	TPGR1603..	TPMN1603.. TPGN1603..	TPGN1603..	TPGN1603..	TPGN1603..

For recommended cutting conditions, see page [F77~F78](#)