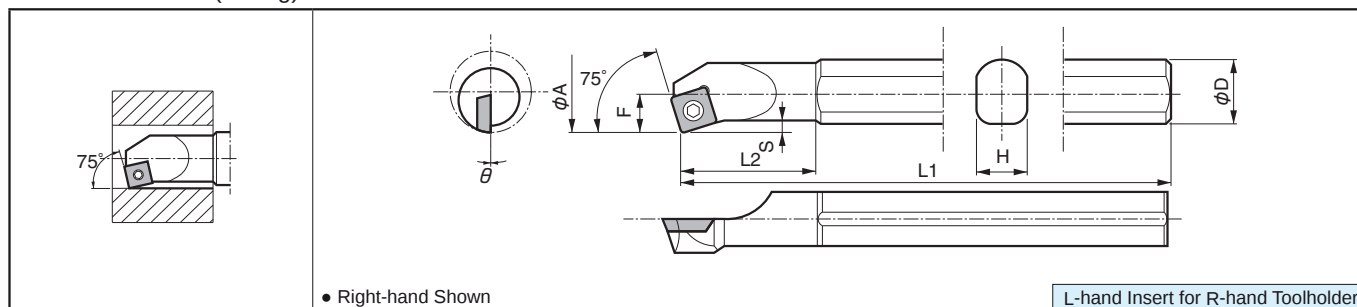


Boring Bar [SP ☐ ☐ Insert]

S...SSKP (Boring)

Max. Overhang Length L/D=3



Toolholder Dimensions

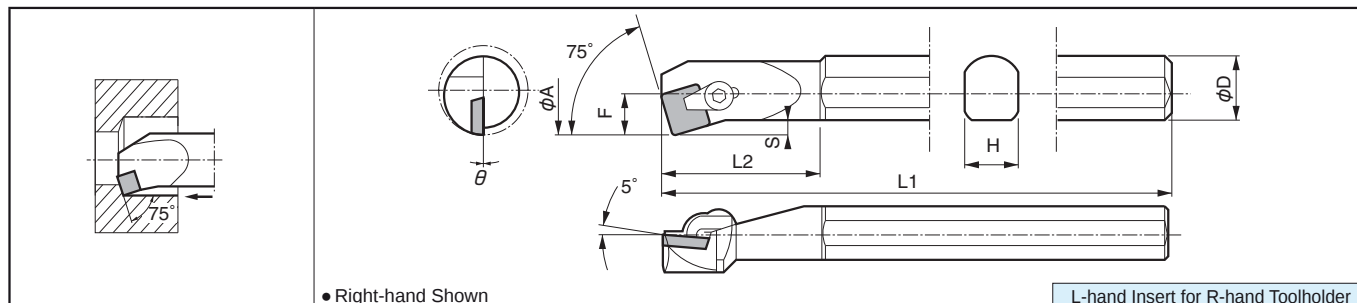
Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (r)	Spare Parts	
		R	L		ϕA	ϕD	H	L1	L2	F	S		Clamp Screw	Wrench
S16Q-SSKP ^{R/L} 09 -20	SSKP ^{R/L} 2016B-09	●		20	16	14	180	30	10	2.0	-3°	0.8	SB-4TR	FT-15
S20R-SSKP ^{R/L} 09 -25		●		25	20	18	200	35	12.5	2.5	0°	0.8	GS-50S	FT-15
S25X-SSKP ^{R/L} 12 -32	3225B-12	●		32	25	23	220	45	16	3.5	0°	0.8	GS-50S	LW-3
S32S-SSKP ^{R/L} 12 -40		●		40	32	30	250	60	20	4.0	0°	0.8	GS-50	LW-3

Applicable Inserts

Applications	Finishing													
Ref. Page	B58													
Insert														
Toolholder														
...SSKP ^{R/L} 09...	SPGH0903..													
...SSKP ^{R/L} 12...	SPGH1203..													

S...CSKP (Boring)

Max. Overhang Length L/D=3



Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (r)	Spare Parts			
		R	L		ϕA	D	H	L1	L2	F	S		Clamp Set	Wrench	Shim	Shim Screw
S16N-CSKP ^{R/L} 09 -20	CSKP ^{R/L} 2016B-09	●		20	16	14	160	40	10	2.0	0°	0.8	CPS-2	FH-2.5	-	-
S20Q-CSKP ^{R/L} 09 -27		●		27	20	18	180	45	13.5	3.5	0°	0.8	CPS-2	FH-2.5	-	-
S25X-CSKP ^{R/L} 12 -34	3425B-12	●		34	25	23	220	60	17	4.5	0°	0.8	CPS-3	-	LW-3	-
S32S-CSKP ^{R/L} 12 -43		●		43	32	30	250	75	21.5	5.5	0°	0.8	CPS-3	-	LW-3	KPS-42 SP3X10

Applicable Inserts

Applications	Medium	Medium	Finishing-Medium	Cast Iron	Cast Iron	Non-ferrous Metals	Hard Materials				
Ref. Page	B58	B58	B58	B58	B88	C23	C15				
Insert	G	Standard		Without Chipbreaker	Ceramic	PCD	CBN				
Toolholder											
...CSKP ^{R/L} 09...	SPMR0903..	SPMR0903..	SPGR0903..	SPMN0903.. SPGN0903..	SPGN0903..	-	SPGN0903..				
...CSKP ^{R/L} 12...	SPMR1203..	SPMR1203..	SPGR1203..	SPMN1203.. SPGN1203..	SPGN1203..	SPGN1203..	SPGN1203..				

For recommended cutting conditions, see page F77~F78

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