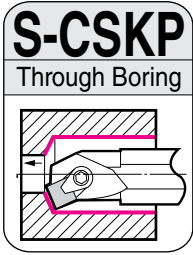
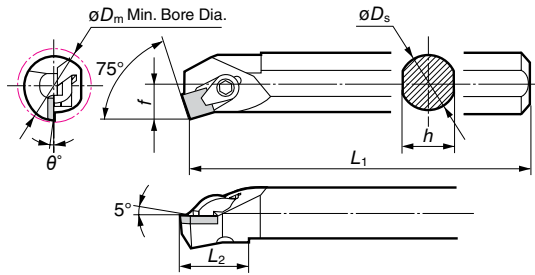


SEC-Boring Bars S-CSKP Type

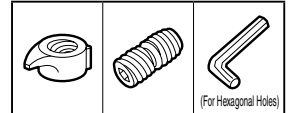
General Boring (Top Clamp Type)



Steel



Spare Parts



(For Hexagonal Holes)

■ Holder Right handed toolholders are applicable with left handed or neutral inserts.
Left handed toolholders are applicable with right handed or neutral inserts.

Above figures show right hand tools.

Shank	Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)							Applicable Insert	Clamp	Double Screw	Wrench
			R	L	θD_m	θD_s	h	L_1	f	L_2	θ				
Steel	S16Q-CSKP R/L0903-20	S16Q-CSKP R/L09	●	●	20	16	15	180	10.0	28	-4	SP □□0903□□	CCM6B L/R	WB6-10 WB6-13	LH030
	S20R-CSKP R/L0903-25	S20R-CSKP R/L09	●	●	25	20	18	200	12.5	28	-2				

■ Insert (Coated / Cermet / Carbide / SUMIBORON / SUMIDIA)

● 11° Relief G-Class

SPGR W	Cat. No.	Stock						Dimensions (mm)		
		ST10P						Inscribed circle	Thickness	Nose Radius
SPGR 090304L-W	●							9.525	3.18	0.4

SPGN	Cat. No.	Stock							Dimensions (mm)		
		AC510J	T1000A	T1500A	T110A	T1200A	G10E	H1	NB90S	Inscribed circle	Thickness
SPGN 090304 090308	●	●	●	●	▲	●	●	●	9.525	3.18	0.4 0.8

● Uncoated SUMIBORON One-use Type

(●▲ : 1pc. per package stock, ●▲ : 1pc. per package and 10pc. per package stock)

NU-SPGN	Cat. No.	Stock						Dimensions (mm)		
		BNX20	BN2000	BN250	BN500	BN7000	BN700	Inscribed circle	Thickness	Nose Radius
NU-SPGN 090304 090308	●	●	●	▲	●	○	●	9.525	3.18	0.4 0.8
090304LT	—	—	—	—	—	—	—			0.4
090308LT	—	—	—	—	—	—	—			0.8
090304LS	—	—	—	▲	—	—	—			0.4
090308LS	—	—	—	—	—	—	—			0.8
090304HS	—	—	—	—	—	—	—			0.4
090308HS	—	—	—	—	—	—	—	0.8		

* LT: for fine boring of hardened steel LS: Continuous cutting HS: for Strong Edge Type

● SUMIBORON

SPGN	Cat. No.	Stock					Dimensions (mm)		
		BNX20	BN250	BN500	BN7000	BN700	Inscribed circle	Thickness	Nose Radius
SPGN 090304 090308	▲	▲	▲	●	●	9.525	3.18	0.4 0.8	

● 11° Relief G-Class

● SUMIDIA (NF Type)

NF-SPGN	Cat. No.	Stock		Dimensions (mm)		
		DA1000	DA2200	Inscribed circle	Thickness	Nose Radius
NF-SPGN 090304 090308	●	▲		9.525	3.18	0.4 0.8

● SUMIDIA

SPGN	Cat. No.	Stock				Dimensions (mm)		
		DA150				Inscribed circle	Thickness	Nose Radius
SPGN 090304 090308	●	▲				9.525	3.18	0.4 0.8

▲ mark : To be replaced by new item (Please confirm stock availability)