

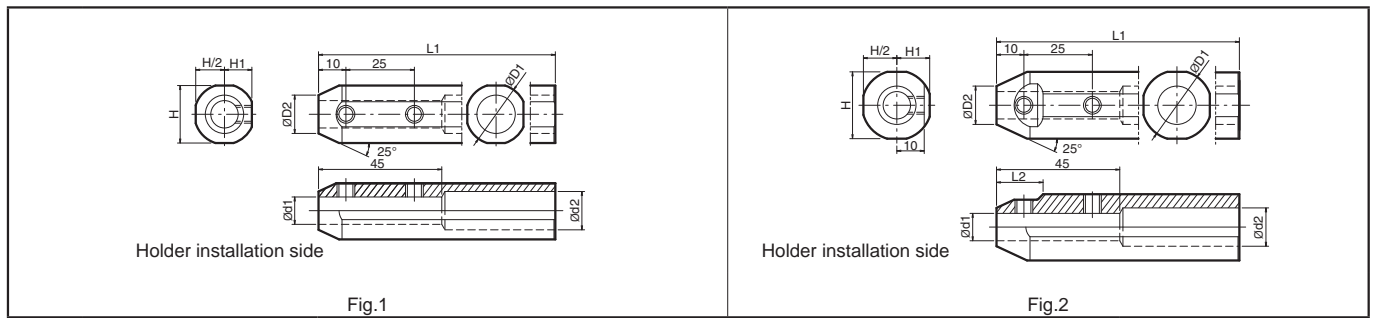
Sleeves for Boring Bars

PSH Sleeves and Applicable Toolholders

Shank Size (Hole dia.: mm)		02 (2mm)	03 (3mm)	04 (4mm)	05 (5mm)	06 (6mm)	07 (7mm)
PSH Sleeve Description		PSH0212-80	PSH0312-80	PSH0412-80	PSH0512-80	PSH0612-80	PSH0712-80
		PSH0216-100	PSH0316-100	PSH0416-100	PSH0516-100	PSH0616-100	PSH0716-100
		PSH0219-120	PSH0319-120	PSH0419-120	PSH0519-120	PSH0619-120	PSH0719-120
		PSH0220-120	PSH0320-120	PSH0420-120	PSH0520-120	PSH0620-120	PSH0720-120
		PSH0222-135	PSH0322-135	PSH0422-135	PSH0522-135	PSH0622-135	PSH0722-135
		PSH0223-120	PSH0323-120	PSH0423-120	PSH0523-120	PSH0623-120	PSH0723-120
		PSH0225.0-135	PSH0325.0-135	PSH0425.0-135	PSH0525.0-135	PSH0625.0-135	PSH0725.0-135
		PSH0225-120	PSH0325-120	PSH0425-120	PSH0525-120	PSH0625-120	PSH0725-120
2-Edge Tip-Bar	Boring Bars	HPB [®] /L0202-	HPB [®] /L0303-	HPB [®] /L0404-	HPB [®] /L0505-	HPB [®] /L0606-	HPB [®] /L0707-
	Internal Grooving			HPBT [®] /L0404-	HPBT [®] /L0505-		
	Face Grooving						HPFG [®] /L0807-
	Internal Threading			HPTR04504-	HPTR06005-		HPTR07507-
Boring Bars				C04-.....	C05-.....	C06-..... S06-.....	C07-.....



SHA sleeves (Applicable Toolholders F79)



Description	Std.	Dimension (mm)								Drawing	Spare Parts		Applicable Machine Manufacturer
		ød1	øD1	øD2	ød2	H	H1	L1	L2		Screw	Wrench	
SHA 0820-120	●	8	20	14	12	19	9.25	120	-	Fig.1	HS6x4P	LW-3	Amada Wasino Eguro Tsugami Miyano
SHA 1020-120	●	10											
SHA 0825.0-135	●	8	25	14	14	24	11.5	135	17	Fig.2	HS6x4P	LW-3	
SHA 1025.0-135	●	10											
SHA 1225.0-135	●	12											
SHA 0819-120	●	8	19.05	14	12	18	8.75	120	-	Fig.1	HS6x4P	LW-3	
SHA 1019-120	●	10											
SHA 0820-120	●	8	20	14	12	19	9.25	120	-	Fig.1	HS6x4P	LW-3	
SHA 1020-120	●	10											
SHA 0825.4-120	●	8	25.4	14	14	24.4	12	120	17	Fig.2	HS6x4P	LW-3	
SHA 1025.4-120	●	10											
SHA 1225.4-120	●	12											
SHA 0822-125	●	8	22	14	14	21	10	125	-	Fig.1	HS6x4P	LW-3	Star Micronics Nomura VTC Automatic Lathe
SHA 1022-125	●	10											
SHA 1222-125	●	12											
SHA 0823-120	●	8	23	14	14	22	10.5	120	16	Fig.2	HS6x4P	LW-3	Nomura VTC Automatic Lathe
SHA 1023-120	●	10											
SHA 1223-120	●	12											

* : Length of ød1...45mm (All of SHA sleeves)

- Choose sleeves(ød1) to meet with øD dimension of toolholder.
- Machine manufacturers in random order.

● : Std. Item