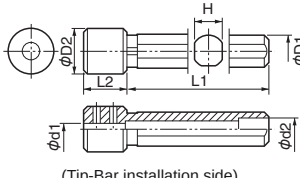
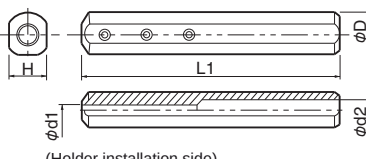


Sleeves for Boring Bars

Sleeves for Tip-Bar

Shape	Description	(Previous Description)	Std.	Dimension (mm)						Spare Parts			
										Screw	Wrench		
				øD1	øD2	ød1	ød2	H	L1	L2			
 (Tip-Bar installation side)	PH 0212-60	PH -0212	●	12	19	1.8	6	11	60	20	HS3X4	LW-1.5	
	0312-60	-0312	●			2.8							
	0412-60	-0412	●			3.8							
	0512-60	-0512	●			4.8	8				HS4X4	LW-2	
	0612-60	-0612	●			5.8							
	0712-60	-0712	●			6.8							
	PH 0216-80	PH -0216	●	16	22	1.8	Rp1/4 (PS1/4)	15	80	20	HS3X4	LW-1.5	
	0316-80	-0316	●			2.8							
	0416-80	-0416	●			3.8							
	0516-80	-0516	●			4.8					HS4X4		LW-2
	0616-80	-0616	●			5.8							
	0716-80	-0716	●			6.8							

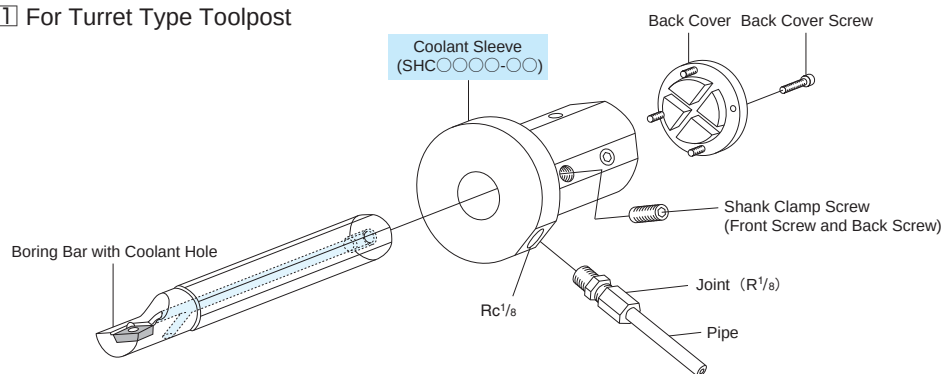
Sleeves for Boring Bars

Shape	Description		(Previous Description)	Std.	Dimension (mm)					Spare Parts				
					øD	ød1	ød2	H	L1	Screw	Wrench			
														
 (Holder installation side)	SH	0416-100	SH	-0516	●	16	4	5	14	100	HS4X4	LW-2		
		0516-100		-0616	●		5	6						
		0616-100		-0716	●		6	7						
		0716-100		-0816	●		7	8						
	SH	0820-120	SH	-1020	●	20	8	9	18	120	HS4X4	LW-2		
		1020-120		-1220	●		10	11						
		1225-150		-1625	●	25	12	13	23	150	HS5X5	LW-2.5		
		1632-180		-2032	●	32	16	18	30	180				
		2032-180		-2532	●		20	22						

Coolant Sleeves for Boring Bar with Coolant Hole

How to install

1 For Turret Type Toolpost



2 For Gang Type Toolpost

