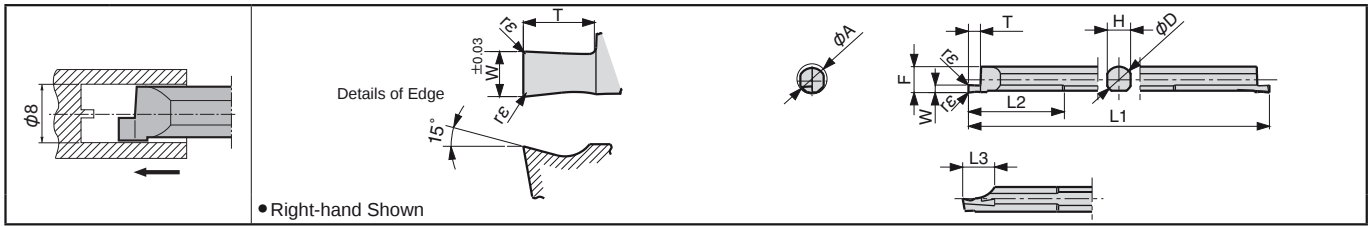


2-Edge Tip-Bar for Micro Internal Face Grooving HPFG

HPFG

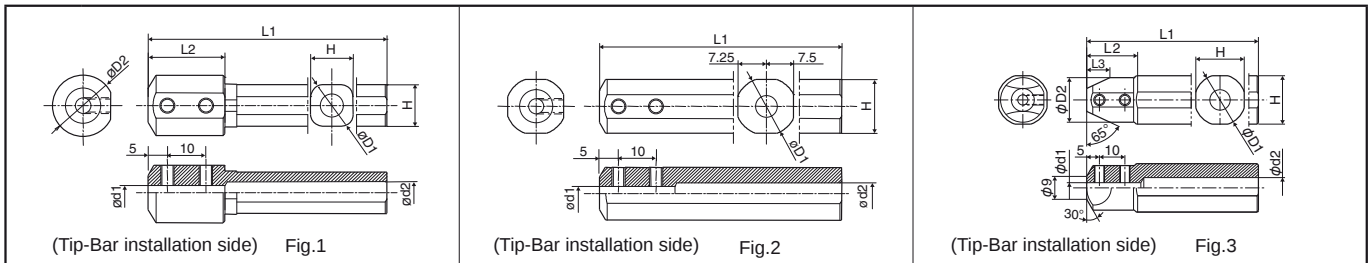


Tip-Bar Dimensions

Description	Min. Face Grooving Dia.	Dimension (mm)									Insert Grade			
											PVD Coated Carbide		Carbide	
	øA	W±0.03	rε	øD	H	L1	L2	L3	F	T	PR930		KW10	
											R	L	R	L
HPFG ^{R/L} 0807-10	8	1	+0 -0.02 0.05	7	6.2	80	25	8.5	6.9	2	●	●	●	
0807-20		2								3	●	●	●	
0807-30		3								3	●	●	●	

• Dimension T: shows available grooving depth.

Applicable Sleeve



Description	Std.	Dimension (mm)								Drawing	Spare Parts		Applicable Machine Manufacturer	Applicable Tip-Bar
											Screw	Wrench		
		*ød1	øD1	øD2	ød2	H	L1	L2	L3					
PSH 0712-80	●	7	12	16	8	11	80	20	-	Fig.1	HS4×4P	LW-2	(General use)	HPFG%0807...
PSH 0716-100	●	7	16	-	8	15	100	-	-	Fig.2				
PSH 0720-120	●	7	20	17.5	8	19	120	20	7.5	Fig.3	HS4×4P	LW-2	Amada Wasino Eguro Precision Tsugami Miyano (General use)	
PSH 0725.0-135	●	7	25	18	8	24	135	23	8					
PSH 0719-120	●	7	19.05	17.5	8	18	120	20	7.5	Fig.3	HS4×4P	LW-2	Citizen Machinery	
PSH 0720-120	●	7	20	17.5	8	19	120	20	7.5					
PSH 0725-120	●	7	25.4	18	8	24.4	120	23	8					
PSH 0722-135	●	7	22	18	8	21	135	22	8	Fig.3	HS4×4P	LW-2	Star Micronics Nomura VTC	
PSH 0723-120	●	7	23	18	8	22	120	22	8	Fig.3	HS4×4P	LW-2	Nomura VTC	

*: Length of $\phi d1$...25mm (PSH07)

• Names of machine builders are listed in the order of the Japanese syllabary with omitted titles of respect.

Recommended Cutting Conditions

Workpiece Material	Recommended Insert Grade (Cutting Speed: m/min)		HPFGR / L 0807-10	HPFGR / L 0807-20	HPFGR / L 0807-30	Remarks
	PVD Coated Carbide	Carbide				
	PR930	KW10				
Carbon Steel / Alloy Steel	★ 30~100	—	~0.02	~0.04	~0.05	Coolant
Stainless Steel	★ 30~80	—	~0.01	~0.02	~0.03	
Non-ferrous Metals	—	★ ~300	~0.04	~0.06	~0.08	

★: 1st Recommendation ☆: 2nd Recommendation

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

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Tip-Bars are sold
in 1 piece boxes.