

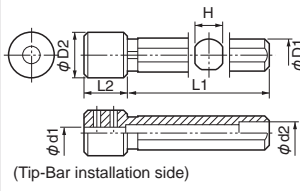






● Applicable Sleeve

This sleeve is for 1-Edge Tip-Bar. For 2-Edges Tip-Bar, use **F23**.

Shape	Description	(Previous Description)	Std.	Dimension (mm)						Spare Parts		Applicable Tip-Bar <b>F24</b>	
				øD1	øD2	ød1	ød2	H	L1	L2			
	<b>PH 0212-60</b>	<b>PH -0212</b>	<input type="checkbox"/>	12	19	1.8	6	11	60	20			PSB <sup>®</sup> /0202-50S / NBS
	<b>0312-60</b>	<b>-0312</b>	<input type="checkbox"/>			2.8							PSB <sup>®</sup> /0303-50S / NBS
	<b>0412-60</b>	<b>-0412</b>	<input type="checkbox"/>			3.8							PSB <sup>®</sup> /0404-60S / NBS PSBT <sup>®</sup> /0415-60S
	<b>0512-60</b>	<b>-0512</b>	<input type="checkbox"/>			4.8							PSB <sup>®</sup> /0505-70S / NBS PSBT <sup>®</sup> /0515-70S
	<b>0612-60</b>	<b>-0612</b>	<input type="checkbox"/>			5.8							PSB <sup>®</sup> /0606-70S / NBS
	<b>0712-60</b>	<b>-0712</b>	<input type="checkbox"/>			6.8							PSB <sup>®</sup> /0707-80S / NBS
	<b>PH 0216-80</b>	<b>PH -0216</b>	<input type="checkbox"/>	16	22	1.8	Rp <sup>1/4</sup> (PS <sup>1/4</sup> )	15	80	20			PSB <sup>®</sup> /0202-50S / NBS
	<b>0316-80</b>	<b>-0316</b>	<input type="checkbox"/>			2.8							PSB <sup>®</sup> /0303-50S / NBS
	<b>0416-80</b>	<b>-0416</b>	<input type="checkbox"/>			3.8							PSB <sup>®</sup> /0404-60S / NBS PSBT <sup>®</sup> /0415-60S
	<b>0516-80</b>	<b>-0516</b>	<input type="checkbox"/>			4.8							PSB <sup>®</sup> /0505-70S / NBS PSBT <sup>®</sup> /0515-70S
	<b>0616-80</b>	<b>-0616</b>	<input type="checkbox"/>			5.8							PSB <sup>®</sup> /0606-70S / NBS
	<b>0716-80</b>	<b>-0716</b>	<input type="checkbox"/>			6.8							PSB <sup>®</sup> /0707-80S / NBS

◆ Recommended Cutting Conditions

Workpiece Material	Recommended Insert Grade (Cutting Speed: m/min)							PSB02 Type		PSB03 Type		PSB04 Type PSBT04		PSB05 Type PSB06 Type PSB07 Type PSBT05		Remarks	
	Cermet		PVD Coated Carbide		Carbide	CBN	PCD		ap	f	ap	f	ap	f	ap		f
	TC60	PR915	PR930	KW10	KBN510 KBN525	KPD001	KPD010										
	Cut: ap (mm), Feed: f (mm/rev)																
Carbon Steel / Alloy Steel	☆ 60-120		★ 30-100					-0.3	-0.03	-0.4	-0.04	-0.45	-0.07	-0.5	-0.1	Coolant	
Stainless Steel	☆ 50-100		★ 30-80					-0.3	-0.02	-0.4	-0.03	-0.45	-0.05	-0.5	-0.07		
Non-ferrous Metals				☆ ~100		★ ~300	☆ ~300	-0.3	-0.05	-0.4	-0.06	-0.45	-0.1	-0.5	-0.15		
Hard Materials					★ ~100			-	-	-0.07	-0.03	-0.10	-0.05	-0.15	-0.07		

★: 1st Recommendation ☆: 2nd Recommendation

: Check Availability

