

Tip-Bar for Micro Boring

PSB-S (Boring) <Adjustable Overhang Length>

This insert will be switched to **HPB** Type (2 Edges. Ref. Page **F22**).

PSB^R/L0202 type
PSB^R/L0303 type
shown in left figure.

-NBS Type (without Chipbreaker) Top Shape	
Top Shape	Material
	Cermet Coated Carbide Carbide
	CBN PCD

• Right-hand Shown

PSBT-S (Back Boring) <Adjustable Overhang Length>

This insert will be switched to **HPBT** Type (2 Edges. Ref. Page **F22**).

• Right-hand Shown

Tip-Bar Dimension

Description	Min. Bore Dia.	Dimension (mm)								Insert Grade							
		φA	φD	H	L1	L2	L3	F	S	rε	Cermet	PVD Coated	Carbide	CBN		PCD	
											TC60M	PR915	PR930	KW10	KBN510	KBN525	KPD001
PSB ^{R/L} 0202-50S 0303-50S 0404-60S 0505-70S 0606-70S 0707-80S	2	1.8	-	50	-	5	0.9	0.25	0.05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	2.8	-	50	-	7	1.4	0.3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	3.8	3.6	60	30	10	1.9	0.5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	4.8	4.4	70	40	12	2.4			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6	5.8	5.2	70	45	12	2.9			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	7	6.8	6.2	80	50	12	3.4			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PSB ^{R/L} 0202-50NBS 0303-50NBS 0404-60NBS 0505-70NBS 0606-70NBS 0707-80NBS	2	1.8	-	50	-	5	0.9	0.25	0.05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	2.8	-	50	-	7	1.4	0.3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	3.8	3.6	60	30	10	1.9	0.5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	4.8	4.4	70	40	12	2.4			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6	5.8	5.2	70	45	12	2.9			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	7	6.8	6.2	80	50	12	3.4			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PSBT ^{R/L} 0415-60S 0515-70S	4	3.8	3.6	60	20	8	1.9	1.0	0.05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	5	4.8	4.6	70	20	8	2.4	1.3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

● : Std. Item □ : Check Availability