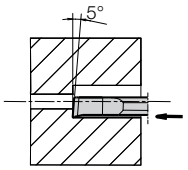
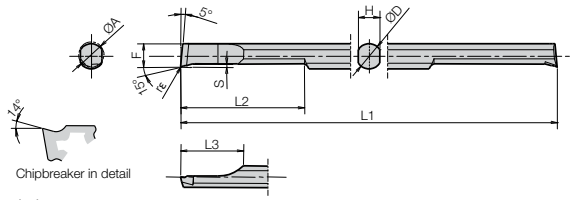
для заказа - kyocera@kyocera-tools.ru

HPB (Boring)

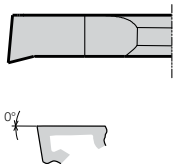


Applicable Sleeves ➡ **F26, F27**

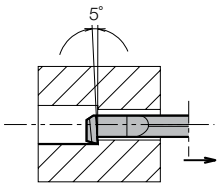


• Right-hand shown

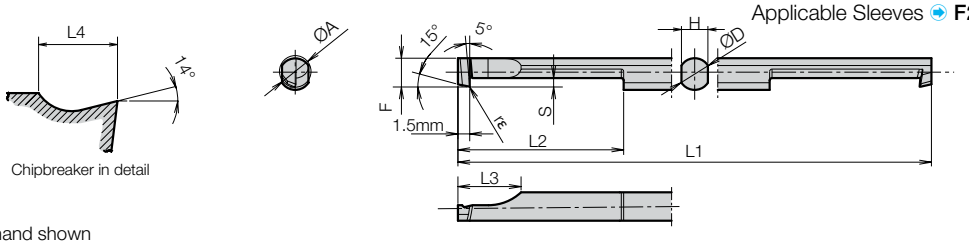
NB Type Top Shape
(Without Chipbreaker)



HPBT (Back Boring)



Applicable Sleeves ➡ **F26, F27**



• Right-hand shown

Micro-Bar Dimensions

Part Number		Min. Bore Dia.	Dimensions (mm)								Grade	
											PVD Coated	Carbide
		ØA	ØD	H	L1	L2	L3	F	S	rε	**PR930**	**KW10**
HPBR/L	**0202-005**	2	2	1.70	50	10	5	1.75	0.25		Ⓛ	Ⓡ
	0303-005	3	3	2.50	50	15	7	2.70	0.30		○	Ⓡ
	0404-005	4	4	3.35	60	20	10	3.65	0.50	+0 -0.02	Ⓛ	Ⓡ
	0505-005	5	5	4.30	70	25	12	4.55	0.50	0.05	Ⓡ	Ⓡ
	0606-005	6	6	5.20	70	25	12	5.50	0.50		○	Ⓡ
	0707-005	7	7	6.20	80	25	12	6.45	0.50		○	Ⓡ
HPBR/L	**0202-005NB**	2	2	1.70	50	10	5	1.75	0.25		Ⓡ	Ⓡ
	0303-005NB	3	3	2.50	50	15	7	2.70	0.30		Ⓡ	Ⓡ
	0404-005NB	4	4	3.35	60	20	10	3.65	0.50	+0 -0.02	Ⓡ	Ⓡ
	0505-005NB	5	5	4.30	70	25	12	4.55	0.50	0.05	Ⓡ	Ⓡ
	0606-005NB	6	6	5.20	70	25	12	5.50	0.50		Ⓡ	Ⓡ
	0707-005NB	7	7	6.20	80	25	12	6.45	0.50		Ⓡ	Ⓡ
HPBTR/L	**0404-005**	4	4	3.35	60	21	8	3.65	1.00	+0 -0.02	○	Ⓡ
	0505-005	5	5	4.30	70	26	8	4.55	1.30	0.05	○	Ⓡ

Applicable Sleeves

Micro Bars		Sleeves ➡ F26, F27	
HPBR/L	**0202-...**	**EZH**	**02...**
	0303-...		**03...**
	0404-...		**04...**
	0505-...		**05...**
	0606-...		**06...**
	0707-...		**07...**
HPBTR/L	**0404-...**	**EZH**	**04...**
	0505-...		**05...**

Recommended Cutting Conditions

Workpiece Material	Insert Grade (Vc : sfm)		HPB02		HPB03		HPB04 HPBT04		HPB05/06/07 HPBT05		Remarks
	PVD Coated	Carbide	Depth of Cut: D.O.C. (inch), Feed: f (ipr)								
	PR930	**KW10**	D.O.C.	f	D.O.C.	f	D.O.C.	f	D.O.C.	f	
Carbon Steel / Alloy Steel	★ 100~330	-	~0.0118	~0.0012	~0.0157	~0.0016	~0.0177	~0.0028	~0.0197	~0.0039	Wet
Stainless Steel	★ 100~260	-	~0.0118	~0.0008	~0.0157	~0.0012	~0.0177	~0.0020	~0.0197	~0.0028	
Non-ferrous Material	-	★ 100~330	~0.0118	~0.0020	~0.0157	~0.0024	~0.0177	~0.0039	~0.0197	~0.0059	

★ : 1st Recommendation

Micro Bars sold in 1 piece boxes.

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www.kyocera-tools.ru

● : U.S. Stock Ⓡ : U.S. Stock (R-hand Only) Ⓛ : U.S. Stock (L-hand Only)
○ : World Express (Shipping: 7-10 Business Days) Ⓡ : World Express (R-hand Only) Ⓛ : World Express (L-hand Only)