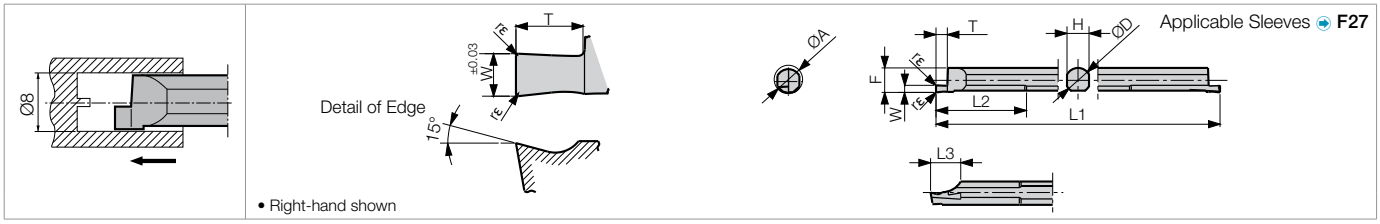
для заказа - kyocera@kyocera-tools.ru

HPFG (Face Grooving (Small Dia.))



Dimensions

Part Number	Face Grooving Dia. ØA		Dimensions (mm)										Insert Grade			
													PVD Coated Carbide		Carbide	
	MIN	MAX	W±0.001	W±0.03	rε	ØD	H	L1	L2	L3	F	T	PR930		KW10	
			inch	mm									R	L	R	L
HPFG® 0807-10	8 (0)	∞ (∞)	0.039	1.0	+0 -0.02 0.05	7	6.2	80	25	8.5	6.9	2	○	○	○	
0807-20			0.079	2.0		7	6.2	80	25	8.5	6.9	3	○	○	○	
0807-30			0.118	3.0		7	6.2	80	25	8.5	6.9	3	○	○	○	

• Dimension T : Available grooving depth

• Face grooving diameter ØD MIN (0) means that you can make the initial groove within MIN - MAX and then widen it to the center.

Applicable Sleeves **G46**

Micro Bars are sold in 10 piece boxes.

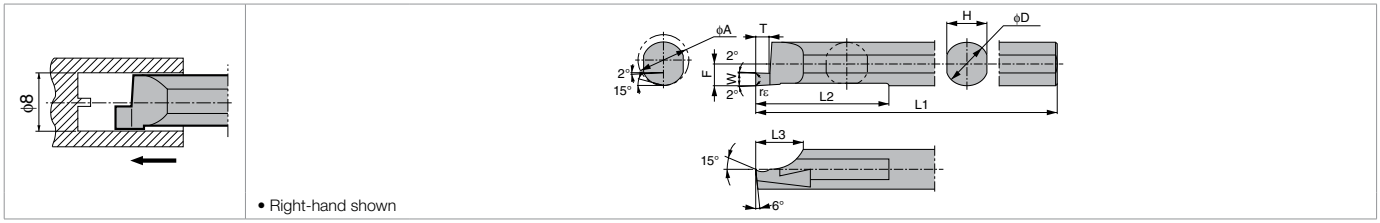
Recommended Cutting Conditions

Workpiece Material	Recommended Insert Grade (Vc sfm)		HPFG® 0807-10	HPFG® 0807-20	HPFG® 0807-30	Remarks
	PVD Coated Carbide	Carbide				
	PR930	KW10	Feed Rate (ipr)			
Carbon Steel / Alloy Steel	★ 100~330	-	~0.0008	~0.0016	~0.0020	Wet
Stainless Steel	★ 100~260	-	~0.0004	~0.0008	~0.0012	
Non-ferrous Metals	-	★ ~980	~0.0016	~0.0024	~0.0031	

★ : 1st Recommendation

PSFG-S (Micro Bar)

This bar will be phased out and switched to **EZFG** **G76**.



Part Number	Face Grooving Dia. ØA		Dimensions (mm)										PVD Coated Carbide	Carbide	Ref. Page for Applicable Sleeves
	MIN	MAX	W±0.001	W±0.03	rε	ØD	H	L1	L2	L3	F	T	PR930	KW10	
			inch	mm											
PSFG® 0810-20S	8 (0)	∞ (∞)	0.039	1.0	0.05	6.8	6.2	80	25.5	7	3.4	2.0	○	○	F94
0820-20S			0.079	2.0	0.05	6.8	6.2	80	25.5	7	3.4	2.0	○	○	
0830-20S			0.118	3.0	0.05	6.8	6.2	80	25.5	7	3.4	2.0	○	○	

• Dimension T : Available grooving depth

• Face grooving diameter ØA MIN (0) means that you can make the initial groove within MIN - MAX and then widen it to the center.

Recommended Cutting Conditions

Workpiece Material	Recommended Insert Grade (Vc sfm)		PSFG® 0810	PSFG® 0820	PSFG® 0830	Notes
	PVD Coated Carbide	Carbide				
	PR930	KW10	Feed Rate (ipr)			
Carbon Steel / Alloy Steel	★ 100~330	-	~0.0008	~0.0016	~0.0020	Wet
Stainless Steel	★ 100~260	-	~0.0004	~0.0008	~0.0012	
Non-ferrous Metals	-	★ ~980	~0.0016	~0.0024	~0.0031	

★ : 1st Recommendation

Swiss IQ Bars are sold in 1 piece boxes.

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● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)