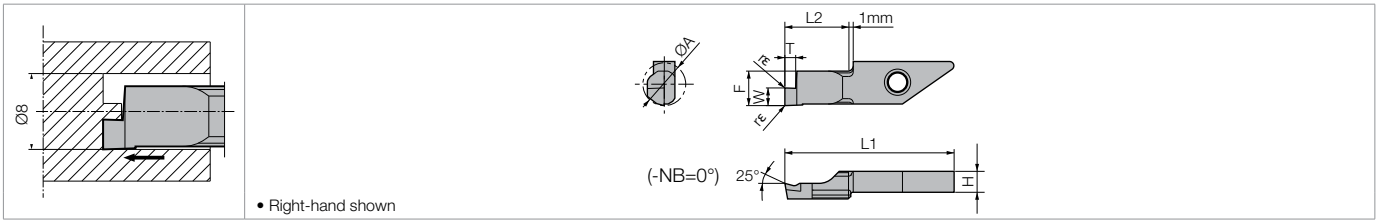
для заказа - kyocera@kyocera-tools.ru

VNFG (Swiss IQ Bar)



• Right-hand shown

Dimensions

Classification of Usage
● : Light Interruption / 1st Choice
◔ : Light Interruption / 2nd Choice
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

P	Carbon Steel / Alloy Steel	●	○			
M	Stainless Steel	●	○			
K	Cast Iron			●		
N	Non-ferrous Metals			○	●	
S	Titanium Alloy			○	●	
H	Hard materials (≤40HRC)	○	○			
	Hard materials (≥40HRC)					

Part Number		Face Grooving Dia. ØA		Dimensions (mm)								MEGA COAT	PVD Coated Carbide	Carbide	PCD		Ref. Page for Toolholder
		MIN	MAX	$W^{\pm 0.001}$ inch	$W^{\pm 0.03}$ mm	rε	H	L1	L2	F	T	PR1225	PR930	KW10	KPD001	KPD010	
VNFGR	0810-10	8 (0)	∞ (∞)	0.039	1.0	0.05	3.9	29.6	10	7.3	2.0	○	○	○			
	0820-10			0.079	2.0	0.05	3.9	29.6	10	7.3	2.0		○	○			
	0830-10			0.118	3.0	0.05	3.9	29.6	10	7.3	3.0		○	○			F30 F31
VNFGR	0820-10NB			0.079	2.0	0.05	3.9	29.6	10	7.3	2.0				□	□	
	0830-10NB			0.118	3.0	0.05	3.9	29.6	10	7.3	3.0				□	□	

• 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)			VNFG0810	VNFG0820	VNFG0830	Notes
	MEGACOAT	PVD Coated Carbide	Carbide				
	PR1225	**PR930**	**KW10**	**Feed Rate (ipr)**			
Carbon Steel / Alloy Steel	★ 100~330	☆ 100~330	-	~0.0008	~0.0016	~0.0020	Wet
Stainless Steel	★ 100~260	☆ 100~260	-	~0.0004	~0.0008	~0.0012	
Non-ferrous Metals	-	-	★ ~980	~0.0016	~0.0024	~0.0031	

★ : 1st Recommendation ☆ : 2nd Recommendation

Swiss IQ Bars are sold in 5 piece boxes. *CBN & PCD Inserts are sold in 1 piece boxes.*

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U.S. Stock Standard : ●
Made to Order : □
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