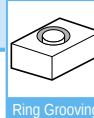
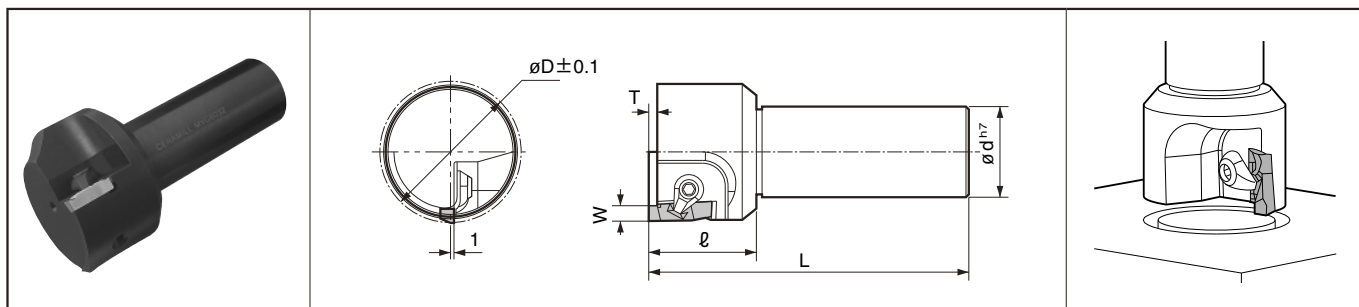


MVG Ring Grooving Endmill



Ring Grooving

MVG

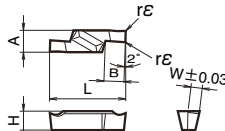


Toolholder Dimensions

Description	Std.	Dimension (mm)					Edge Width	Spare Parts	
		$\varnothing D$	$\varnothing d$	L	ℓ	T		Clamp Set	Wrench
MVG									
3032	○	30	32	120	40	5.2	4.00 4.90	CPS-6V	LW-3
3532	○	35							
4032	○	40							
4532	○	45							
5032	○	50							
5532	○	55							
6032	○	60							
6532	○	65							
7032	○	70							
7532	○	75							

• Dimension T shows available grooving depth.

Applicable Inserts

Insert		Description	(Previous Description)	Dimension (mm)						Insert Grade						
										Cermet				PVD Coated Carbide	Carbide	
				W	B	rε	A	L	H	TN60	TN90	TC40	TC60	PR630	PR930	KW10
Handed Insert shows Right-hand																
		GVFR 400-020B	GVFR 400B	4.00	5.3	0.2	5.8	20	5.0				●	●	●	
		430-020B	430B	4.30									●	●	●	●
		460-020B	460B	4.60									●	●	●	●
		490-020B	490B	4.90									●	●	●	●

• GVFR430B is applicable for sealing groove of G-series
For other ring grooving, GVFR400B~490B are applicable.
• Only right-hand insert is applicable.

Recommended Cutting Conditions

Workpiece Material	fz (mm/t)	Recommended Insert Grade (Cutting Speed Vc: m/min)						
		Cermet				PVD Coated Carbide		Carbide
		TN60	TN90	TC40	TC60	PR630	PR930	KW10
Stainless Steel	0.03~0.12			☆ 100~180	☆ 80~150	☆ 60~130	★ 60~130	
Carbon Steel	0.05~0.15			★ 120~200	☆ 100~180	☆ 80~150	☆ 80~150	
Alloy Steel	0.05~0.15			★ 120~200	☆ 100~180	☆ 80~150	☆ 80~150	
Mold Steel	0.03~0.12			★ 100~180	☆ 80~150	☆ 60~130	☆ 60~130	
Cast Iron	0.05~0.2							★ 80~150
Non-ferrous Metals	0.05~0.2							★ 100~300

★ : 1st Recommendation ☆ : 2nd Recommendation

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

