

VG-Cut 1.5mm Inserts and Holders for Deep Grooving & Parting Off



Features and Benefits

Inserts:

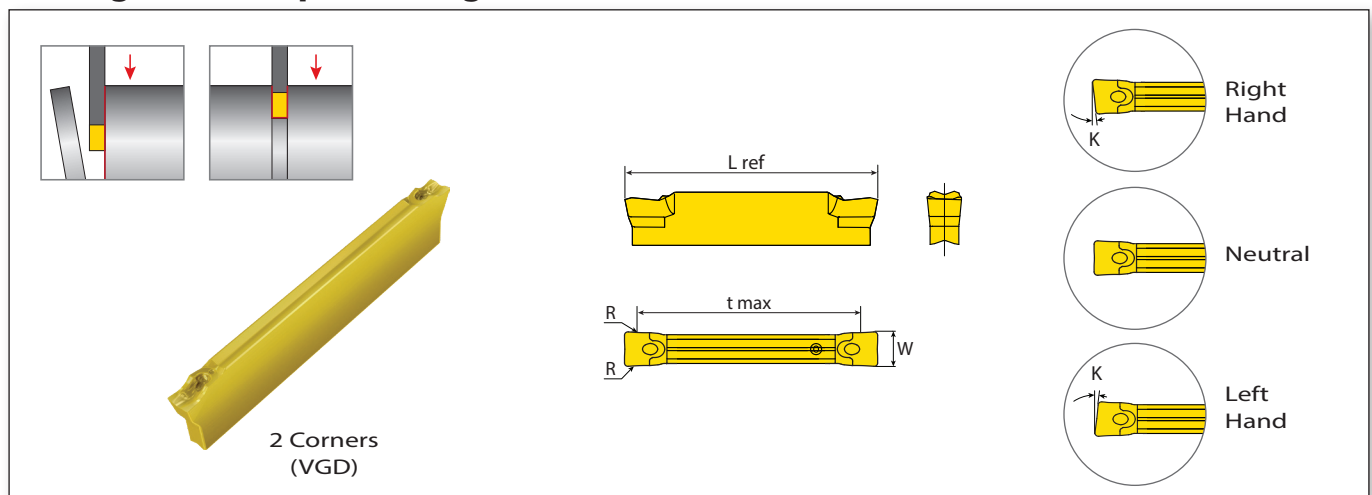
- Double-sided, 1.5mm inserts for deep grooving and parting off applications
 - GM Geometry - Positive sharp cutting edge, which decreases build-up on the edge
 - Grades:
 - VMG: Very tough substrate. PVD coated, M35 for low cutting speeds
 - VPG: Versatile and well balanced grade, excellent for wear and anti-fracture resistance
- Sub micron substrate for a wide range of applications
TiAlN PVD coated, P30, K20

HOLDERS:

- Reinforced monoblock holders (PH) are available with and without high pressure coolant
- Two high pressure coolant outlets are designed to directly cool insert rake and flank
- Shanks sizes: 10mm, 12mm, & 16mm
- T max:
 - 10 & 12mm shanks - T max 6.5 and 10.0 mm
 - 16mm shanks - T max 10.0 mm



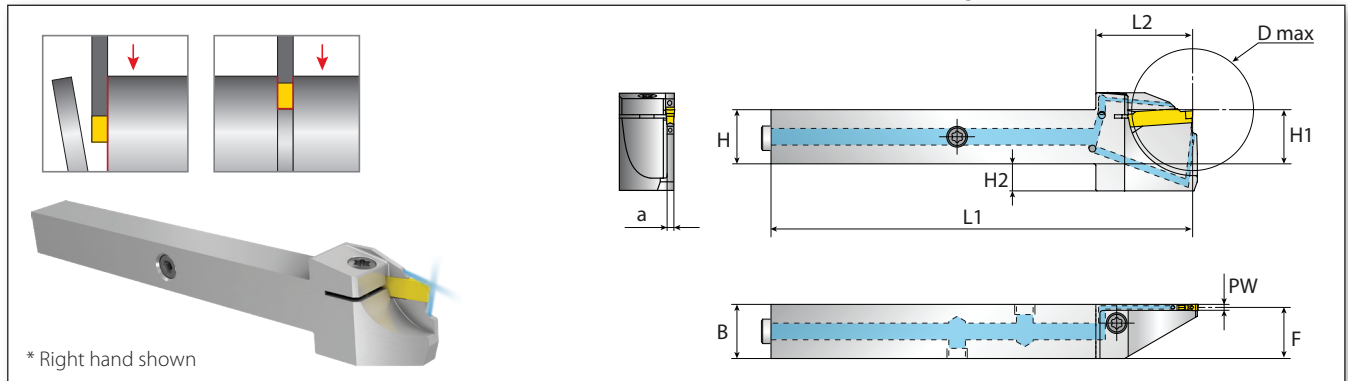
Parting Off & Deep Grooving - Double Sided Inserts 1.5 mm Width



	Pocket Size	Ordering Code	Dimensions mm					Feed Range (mm/rev)	Grade	
			W ^{±0.04}	R	t max	K°	L ref		VPG	VMG
Positive sharp cutting edge, for low feed & speed	1.5	VGD1.50-012-GM	1.5	0.12	20	0	22	0.03-0.08	•	•
	1.5	VGD1.50-003-15R-GM	1.5	0.03	20	15	22	0.03-0.06	◦	•
	1.5	VGD1.50-003-15L-GM	1.5	0.03	20	15	22	0.03-0.06	◦	•

• In stock • Available upon request

Reinforced Monoblock Tools with Two HPC Coolant Outlets | Grooving, Parting Off



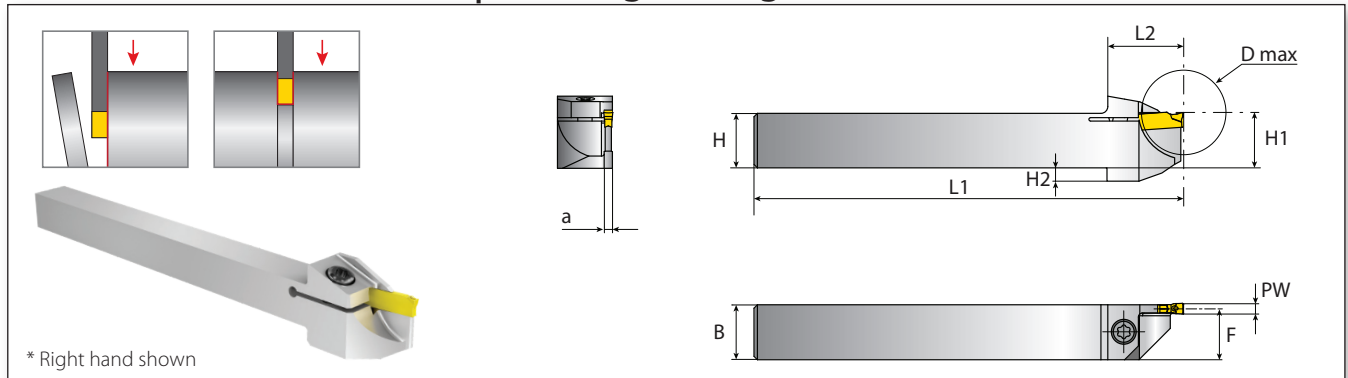
Ordering Code		Dimensions mm								Spare Parts		
RH/LH	PW	D max	HXB	H1	F	L1	L2	a	H2	Cylindrical Screw*	Key	Plug Screw
VGER/L1010-1.5T10-PHC	1.5	20	10x10	10	9.35	110	24.6	1.3	7	SM4x14 T15	K3TF	Plug M6x6
VGER/L1212-1.5T10-PHC		20	12x12	12	11.35	125	22.6		5			
VGER/L1616-1.5T10-PHC		20	16x16	16	15.35	125	22.6		2			

* Tightening Torque: **Cannot Exceed 3 Nm max**
Standard Key K3TF is supplied with tool. A torque meter can be ordered separately for greater tightening accuracy.

The following VARGUS accessories for use with HPC can be ordered separately:

1. Tube Connector 25-6P (x1)
2. Fittings (x2): Angled Fitting M6x6P or Straight Fitting M6x6P

Reinforced Monoblock Tools | Grooving, Parting Off



Ordering Code		Dimensions mm								Spare Parts	
RH/LH	PW	D max	HXB	H1	F	L1	L2	a	H2	Cylindrical Screw*	Key
VGER/L1010-1.5T6.5-PH	1.5	13	10x10	10	4	9.35	125	1.3	4	SM4x14 T15	K3TF
VGER/L1010-1.5T10-PH		20	10x10	10	4	9.35	125		4		
VGER/L1212-1.5T6.5-PH		13	12x12	12	4	11.35	125		4		
VGER/L1212-1.5T10-PH		20	12x12	12	4	11.35	125		4		
VGER/L1616-1.5T10-PH		20	16x16	16	-	15.35	125		-		

* Tightening Torque: **Cannot Exceed 3 Nm max**
Standard Key K3TF is supplied with tool. A torque can be ordered separately for greater tightening accuracy.

Please be in direct contact with me for any specific questions or requests.
For additional updates and news,
visit the new VARGUS website: www.vargus.com


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