

GER-B

ZANHO Cutting Tools



GER-B
Grooving Inserts

Feature

ZANHO **GER/GEL-B series**: Compact **Style B internal grooving inserts** optimized for ultra-narrow bore environments. Featuring the specialized **B-type chipbreaker** for enhanced chip

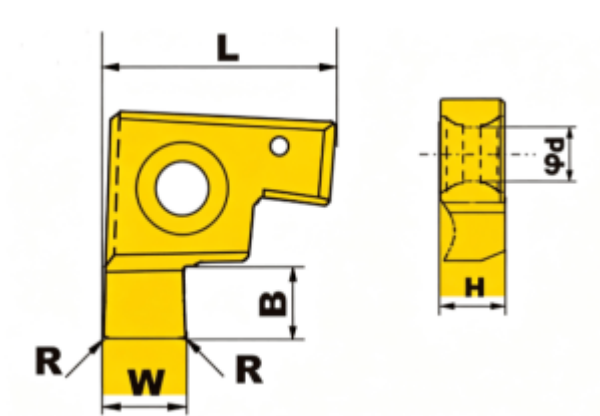
curling in closed spaces. Available in **Right-hand (GER)** and **Left-hand (GEL)** designations, covering widths from 1.00mm to 3.00mm. Engineered with honed edges for high stability and precision slotting in low-rigidity CNC conditions.

Descriptions

Technical Advantages

- **Compact Design for Tight Spaces:** Specifically engineered with a reduced outer profile to fit extremely narrow internal bore diameters.
- **B-Type Chipbreaker:** Optimized geometry for closed internal environments, ensuring stable chip curling and reliable evacuation to prevent chip packing.
- **Honed Edge Stability:** Precision passivated (honed) cutting edges improve chipping resistance, providing consistent performance under weak rigidity conditions.
- **Full Radius (BR) Availability:** Includes a complete range of BR-series Full Radius models for high-precision profile slotting and contouring.
- **High-Precision Tolerance:** Advanced pressing technology ensures strict slot width accuracy and dimensional repeatability for industrial B2B applications.

GER / GEL-B Detailed Specifications (mm)



Designation (Right)	Designation (Left)	L	H	ød	W	E
GER100-B	GEL100-B	8.46	3.18	2.8	1.00	2
GER120-B	GEL120-B				1.20	
GER150-B	GEL150-B				1.50	

Designation (Right)	Designation (Left)	L	H	ød	W	E
GER200-B	GEL200-B	2.00	0.20			
GER250-B	GEL250-B	2.50	0.20			
GER300-B	GEL300-B	3.00	0.20			
GER100-050BR	GEL100-050BR	1.00	0.50			
GER120-060BR	GEL120-060BR	1.20	0.60			
GER150-075BR	GEL150-075BR	1.50	0.75			
GER200-100BR	GEL200-100BR	2.00	1.00			
GER250-125BR	GEL250-125BR	2.50	1.25			
GER300-150BR	GEL300-150BR	3.00	1.50			

Compact Precision for Internal Micro-Grooving

ZANHO GER/GEL-B series provides stability where others fail. Contact us for bulk quotations and tool holder matching.