

6/7GR Grooving Inserts

ZANHO Cutting Tools



6/7 GR

— Grooving Inserts —

Feature

ZANHO **6GR/7GR series**: High-precision **internal grooving inserts** for miniature components. Available in both **Right (GR)** and **Left (GL)** orientations. Features standard corner radius (0.20mm)

and **Full Radius (R050/R075/R100)** versions for profile slotting. Engineered for high-repeatability and superior surface integrity in small-bore CNC operations.

Descriptions

Technical Advantages

- **Micro-Bore Precision:** Specifically designed for ultra-small internal grooving applications where tool accessibility and rigidity are paramount.
- **Standard & Full Radius:** Comprehensive range covering standard 0.20mm corner radius and specialized R0.50, R0.75, and R1.00 full radius geometries.
- **Precision Ground Edges:** Mirror-ground cutting faces reduce friction and heat, ensuring exceptional surface finishes and tight dimensional tolerances.
- **L/R Hand Availability:** Full availability of Right-hand (GR) and Left-hand (GL) designations to suit all machine configurations and tool holder orientations.
- **Industrial Stability:** Optimized S and ød dimensions ensure secure clamping and high repeatability in mass production cycles.

6GR / 7GR Detailed Specifications (mm)

Designation (Right)	Designation (Left)	L	A	S	ød	W
6GR100	6GL100	6.44	5.60	2.34	2.03	1.00
6GR150	6GL150					1.50
6GR200	6GL200					2.00
7GR100	7GL100	7.36		3.08	2.58	1.00
7GR150	7GL150					1.50
7GR200	7GL200					2.00
7GR100-R050	7GL100-R050					1.00

Designation (Right)	Designation (Left)	L	A	S	ød	W
7GR150-R075	7GL150-R075	1.50	0.20			
7GR200-R100	7GL200-R100	2.00	0.20			

Professional Precision for Small Bore Machining

ZANHO 6GR/7GR series provides industrial-grade reliability for miniature CNC components. Contact us for bulk B2B inquiry.