8/9GR Groving Inserts

ZANHO Cutting Tools



Feature

ZANHO **8GR/9GR series**: High-rigidity **Style B internal grooving inserts** designed for stable precision machining. Available in **Right (GR) and Left (GL)** hands with widths from 1.00mm to

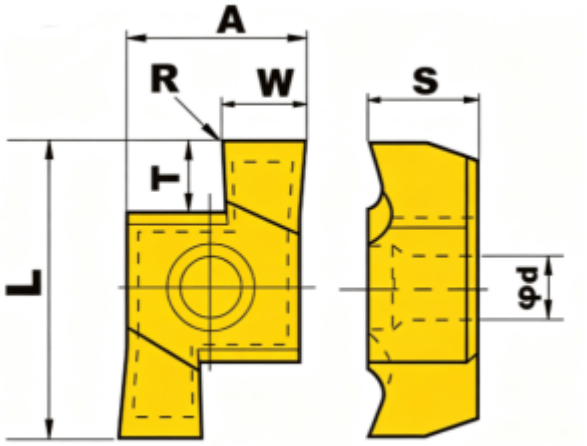
3.50mm. Features specialized **Full Radius (R0.50 - R1.75)** geometries for profile grooving. Engineered to provide exceptional tool life and surface integrity in high-demand CNC small part production.

Descriptions

Professional Technical Features

- **Enhanced Rigid Structure:** The Style B (8GR/9GR) body is significantly more robust than Style A, providing the necessary stiffness for deeper internal grooving and higher feed rates.
- **Comprehensive Radius Range:** Includes both standard 0.20mm corner radius and specialized Full Radius profiles for specific engineering requirements.
- **Sharp Precision Grinding:** Every cutting edge is precision ground to ensure absolute sharpness and dimensional consistency, resulting in mirror-like surface finishes.
- **Full L/R Hand Availability:** All designations are available in Right-hand (GR) and Left-hand (GL) to accommodate diverse CNC machine configurations.

8GR / 9GR Complete Specification Table (mm)



Right Hand	Left Hand	L	A	S	ød	W	T
8GR100	8GL100	10.16	6.20	3.87	2.58	1.00	2.
8GR150	8GL150					1.50	
8GR200	8GL200					2.00	
8GR250	8GL250					2.50	

Right Hand	Left Hand	L	A	S	ød	W	T
8GR300	8GL300	3.00	0.20				
8GR350	8GL350	3.50	0.20				
8GR100-R050	8GL100-R050	1.00	0.50 (Full)				
8GR150-R075	8GL150-R075	1.50	0.75 (Full)				
8GR200-R100	8GL200-R100	2.00	1.00 (Full)				
8GR250-R125	8GL250-R125	2.50	1.25 (Full)				
8GR300-R150	8GL300-R150	3.00	1.50 (Full)				
8GR350-R175	8GL350-R175	3.50	1.75 (Full)				
9GR100	9GL100					1.00	
9GR150	9GL150					1.50	
9GR200	9GL200					2.00	
9GR250	9GL250					2.50	
9GR300	9GL300					3.00	
9GR350	9GL350	12.95	7.70	4.66	2.86	3.50	3.
9GR100-R050	9GL100-R050					1.00	
9GR150-R075	9GL150-R075					1.50	
9GR200-R100	9GL200-R100					2.00	
9GR250-R125	9GL250-R125					2.50	
9GR300-R150	9GL300-R150					3.00	
9GR350-R175	9GL350-R175	3.50	1.75 (Full)				

High-Precision Stability for Deep Internal Grooving

ZANHO 8GR/9GR series provides ultimate rigidity for industrial CNC applications. Contact us for bulk B2B quotations.