

PENTA24-PF

ZANHO Cutting Tools



PENTA34-PF

Grooving Inserts

Feature

ZANHO **PENTA34 series**: Heavy-duty **5-edged pentagonal** inserts for precision external parting, grooving, and shallow turning. Featuring a larger body than PENTA24, it supports **greater depth of**

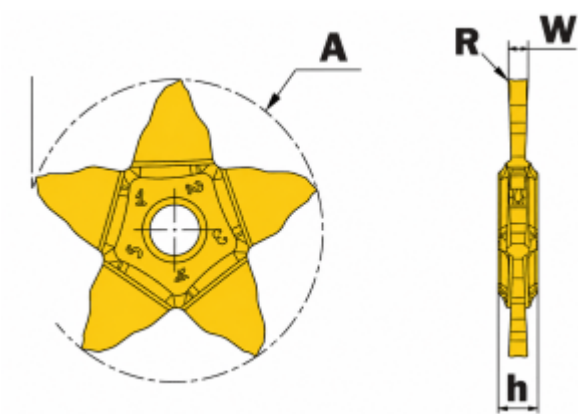
cut and higher rigidity for medium-diameter rods. Available in **Neutral, Right, and Left-hand** versions. Includes a detailed **Dmax compatibility chart** to optimize CNC machining safety.

Descriptions

Core Advantages

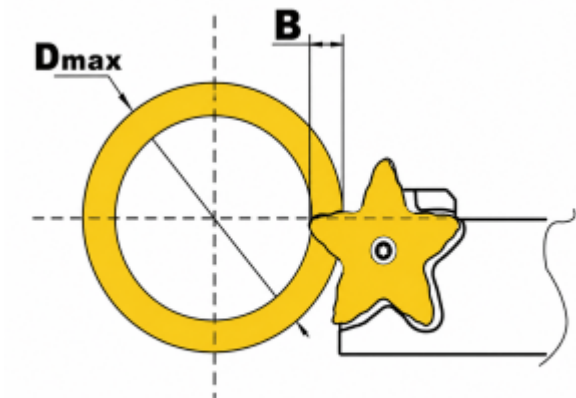
- **High Rigidity:** Larger insert body compared to PENTA24, allowing for deeper and more stable cuts.
- **5-Edge Efficiency:** Pentagonal indexable design offers 5 effective cutting edges per insert.
- **Versatile Feed:** Supports radial grooving, parting-off, and shallow transverse turning.
- **N/R/L Compatibility:** Available in Neutral (N), Right (R), and Left (L) hand versions to fit all holders.

Dimensions (mm)



Designation	W (Width)	B	A	h	R (Radius)
PENTA34N150	1.50	8.5	34	4.3	0.15
PENTA34N200	2.00				0.20
PENTA34N250	2.50				
PENTA34N300	3.00				
PENTA34N350	3.50	10.0			
PENTA34N400	4.00				

Max Workpiece Diameter Dmax (mm)



Designation	B ? 5.0	B ? 6.0	B ? 7.0	B ? 8.0	B ? 8.5	B ? 9.0	B ?
PENTA34 Series	Unlimited	350	165	100	55	55	20