

ROCTEC® APX

The NEXT-GEN Nozzle



GUARANTEED PURITY | HIGHER PERFORMANCE | NO OVERSIZE GRAINS | REDUCED ABRASIVE CONSUMPTION



The next-generation nozzle that outperforms all other conventional tungsten carbide nozzles

Kennametal ROCTEC® APX nozzles have a 20% longer lifespan than the industry-leading ROCTEC® 500 waterjet series. It also provides a more consistent and precise cutting performance. More importantly, it reduces waterjet machine downtime and improves overall operational efficiency.



Performance Advantages

1. **Consistency** – Uniform bore growth maintains identical cutting accuracy and tolerance levels.
2. **Reliability** – Eliminates premature nozzle failures and scrap parts that blocks the nozzle's cutting performance.
3. **Accuracy** – Maintains accuracy throughout waterjet cutting cycles.
4. **Superior performance** - Highest possible cutting-edge quality.
5. **Operational efficiency** - Less machine downtime and longer nozzle lifespan.

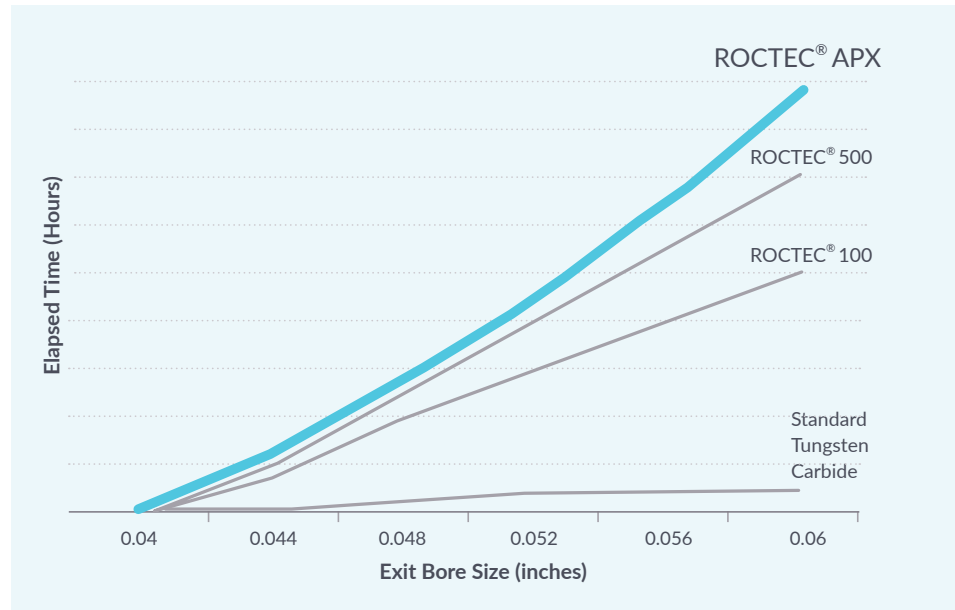
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Ideal Industry Application

The APX series nozzles are ideal for more complex, challenging jobs that require faster production and longer cutting periods. It also integrates better with the advancing technology in pumps and cutting heads. ROCTEC® APX nozzles are great for precision cutting applications in aviation, aerospace, automotive, defense and medical industries where long, uninterrupted cuts or close tolerances have to be maintained for long periods to maintain parts integrity or minimise expensive scrap from premature nozzle failure.



ROCTEC® APX NOZZLES

GMAE Part no.	Description	Compatible Cutting Heads
10009622	Roctec APX 7,14 x 1,02 x 76,2 mm	WSI, Flow
10009634	Roctec APX 7,14 x 0,76 x 101,6 mm	Flow
10009623	Roctec APX 7,14 x 0,76 x 101,6 mm incl. Ring and Washer	Flow
10009635	Roctec APX 7,14 x 0,91 x 101,6 mm	Flow
10009633	Roctec APX 7,14 x 0,91 x 101,6 mm incl. Ring and Washer	Flow
10009632	Roctec APX 7,14 x 1,02 x 101,6 mm	Flow
10009631	Roctec APX 7,14 x 1,02 x 101,6 mm incl. Ring and Washer	Flow
10009691	Roctec APX 9,47 x 0,76 x 101,6 mm	KMT
10009692	Roctec APX 9,47 x 0,76 x 101,6 mm square entrance	KMT

*Special sizes available upon request.



For more information, write to:
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more than just garnet