

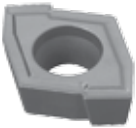


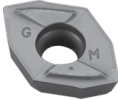










Drilling Product Lineup



Product Lineup

Drilling

NEW ITEM

Drill Type	Cutting Dia (Cutting Depth)	Insert	Features
DRZ Magic Drill Page 5	<p><u>Inch-Size</u> ø0.562-ø2.00 (2D,3D,4D, NEW 5D)</p> <p><u>Metric-Size</u> ø13-ø59 (2D, 3D) ø13-ø50 (4D) ø27-ø50 (5D)</p>	<p>ZCMT Page 6</p>  <p>Four cutting edges per insert promotes cost savings and increased efficiency</p>	<ul style="list-style-type: none"> Silver coating promotes extended tool life and improved chip flow Molded chipbreaker produces three separate chips for smooth chip evacuation Possible to drill into a slant face without pre-drilling <p><u>Chip Shape (Work Material: 1050) Cutting Dia. ø.906</u></p> <p>Chip from Outer Edge </p> <p>Chip from Inner Edge </p>
DRX Magic Drill Page 21	<p><u>Inch-Size</u> ø0.562-ø1.00 NEW (5D)</p> <p><u>Metric-Size</u> ø12-ø60 (2D, 3D) ø13-ø50 (4D) ø27-ø50 (5D)</p>	<p>ZXMT Page 25</p>  <p>Four cutting edges per Insert</p> <p>Three new chipbreakers for superior chip evacuation</p> <p>ZXMT03 Page 25</p>  <p>Two cutting edges per Insert</p>	<ul style="list-style-type: none"> Twisted coolant hole technology provides superior chip evacuation Three new chipbreaker designs cover a variety of workpiece materials Wide chipbreaker on the outer edge produces small chips for better evacuation Possible to drill into a slant face without pre-drilling <p><u>Chip Shape (Work Material: 1050) Cutting Dia. ø.945</u></p> <p>Chip from Outer Edge </p> <p>Chip from Inner Edge </p>
DRC Magic Drill Page 37	<p><u>Metric-Size</u> ø7.94-ø25.50 (3D / 5D / 8D)</p>	<p>DC Page 38</p>  <p>Inner and outer edges on one insert</p>	<p>DRC Lineup</p> <p> SS-DRC</p> <p> SF-DRC</p> <p> Chamfering Attachment</p>
DRS Mini-Magic Drill Page 51	<p><u>Inch-Size</u> ø0.394-ø0.492 (3.5D)</p>	<p>DS Page 51</p>  <p>One insert with inner and outer cutting edges</p>	<ul style="list-style-type: none"> Small chips with good chip evacuation Possible to drill into a slant face without pre-drilling High speed stable machining <p>Chip from Outer Edge </p> <p>Chip from Inner Edge </p>