



SME40A-DBR7-1D



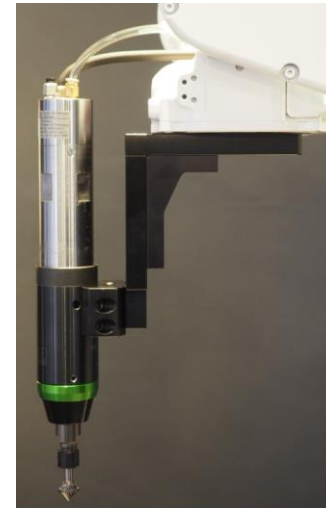
Type of DBR7-1D

for Machiningcenter



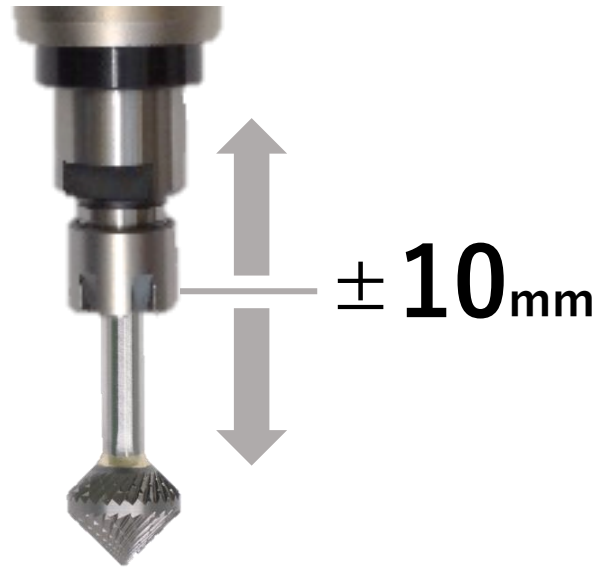
ST20-DBR7-1D

for Robot



SME40A-DBR7-1D

Specification



W616-SP

Maximum Rotation Speed	10,000r/min
Direction of Rotation	Down Cutting
Floating Amount	± 10mm
Coolant Fluid	Dry Cutting
Cutting Tool Diameter	φ 3- φ 7
Cutting Tools	Carbide bar (Tip angle more than 90°)

Sprinf Load

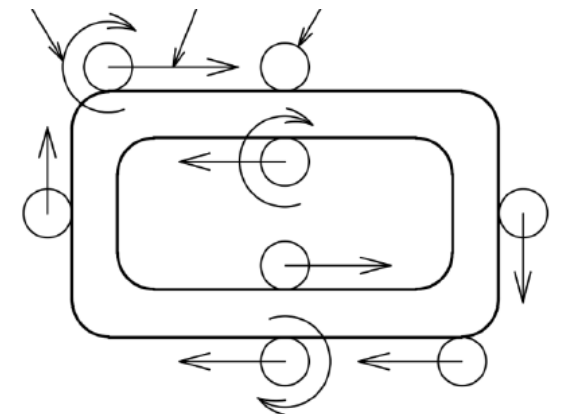
Yellow
(Low)

Green
(Mid)

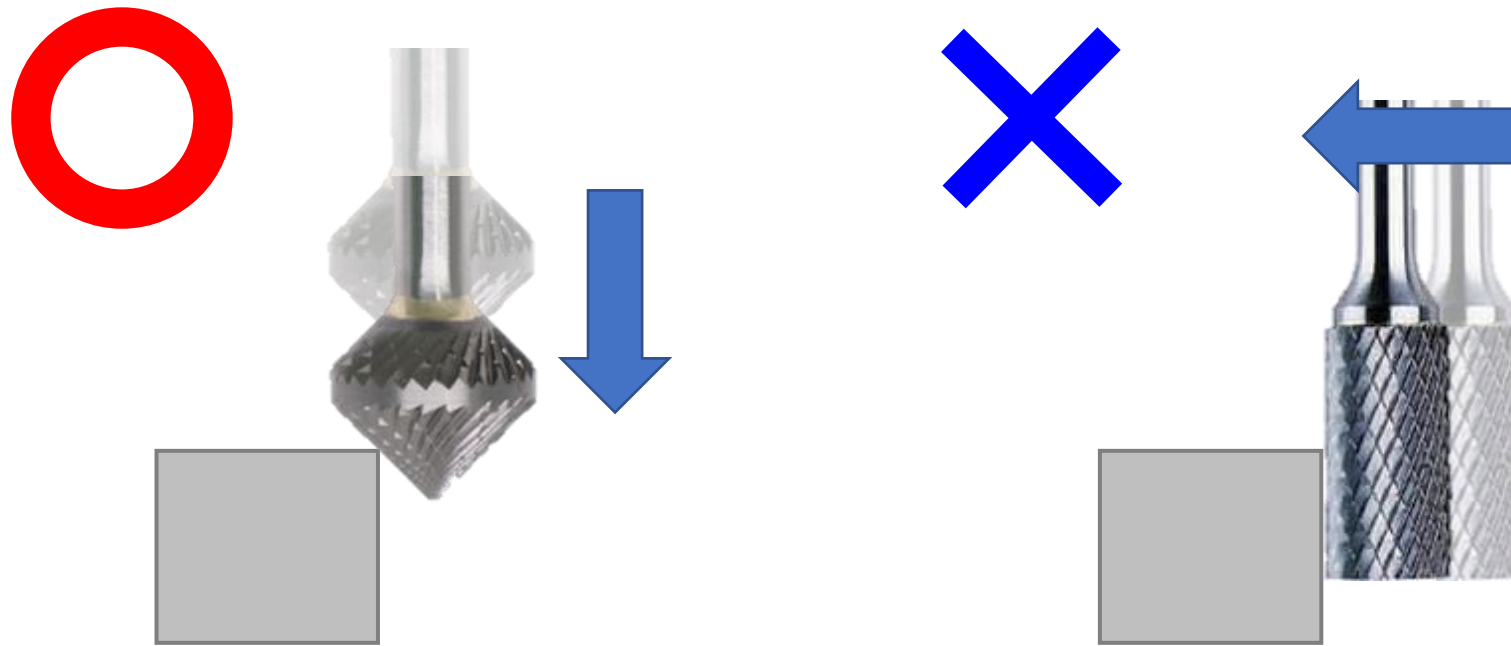
Red
(High)



Down Cutting

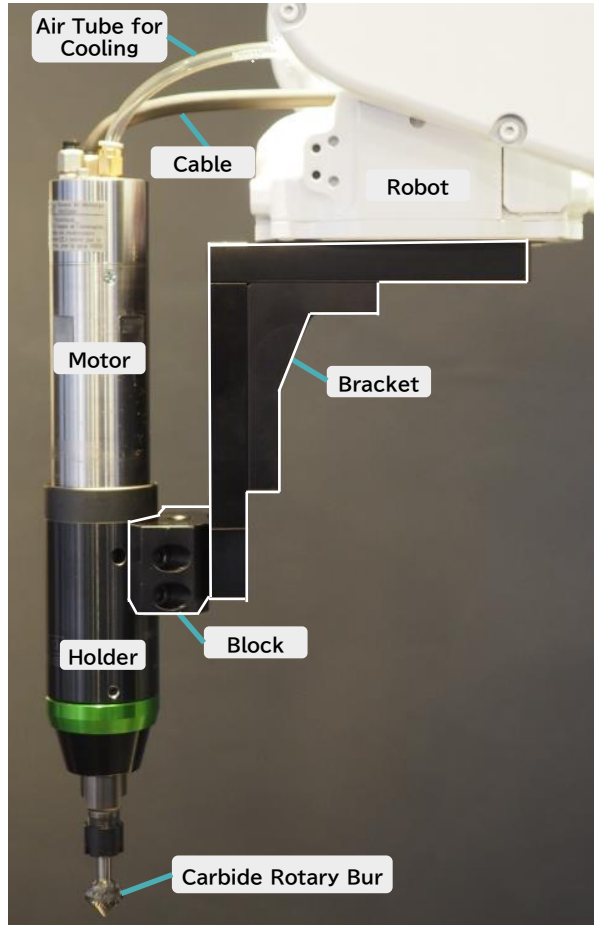


Approach Direction of Cutting Tools



Please approach the cutting tools to edges of work pieces from Z-axis, because DBR7-1D does not have radial floating or tilting.

Accessories

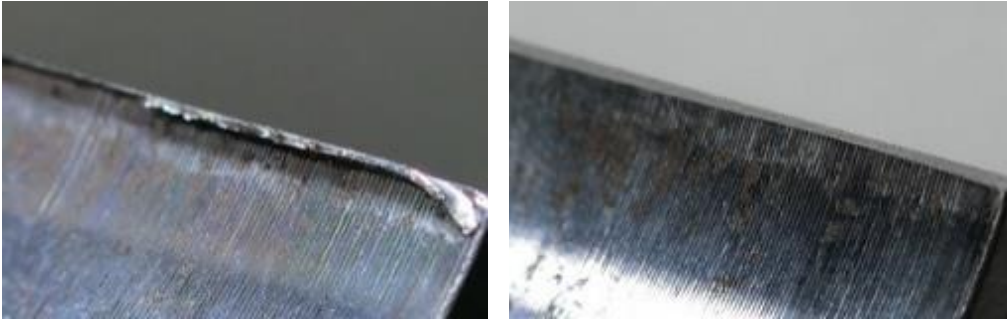


Accessories			
Deburring Holder SME40A-DBR7-1D			
 Block	 Collet ER11	 Spanner ES11M	 Carbide Rotary Bur W616-SP
 Motor MS200-S-INV	 Cable MTC-IP-5M	 Inverter GA500-K100 (Three Phase 200V)	

Items Customers Preparing	
Air Tube ($\phi 6 \times \phi 4$) Bracket Regulator	Mist Separator Air Filter

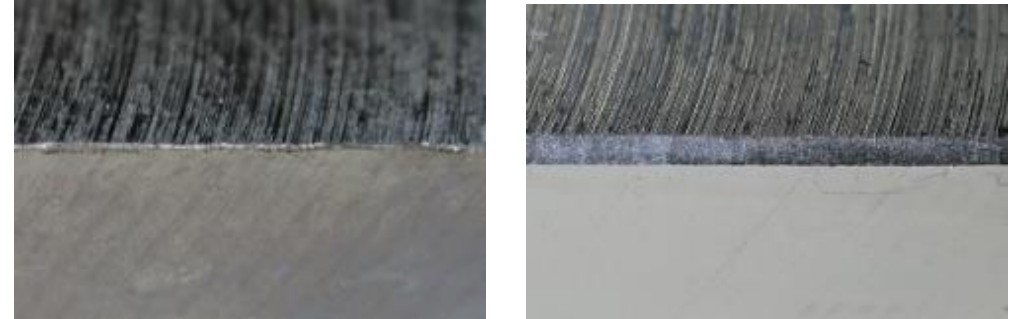
Examples

YELLOW



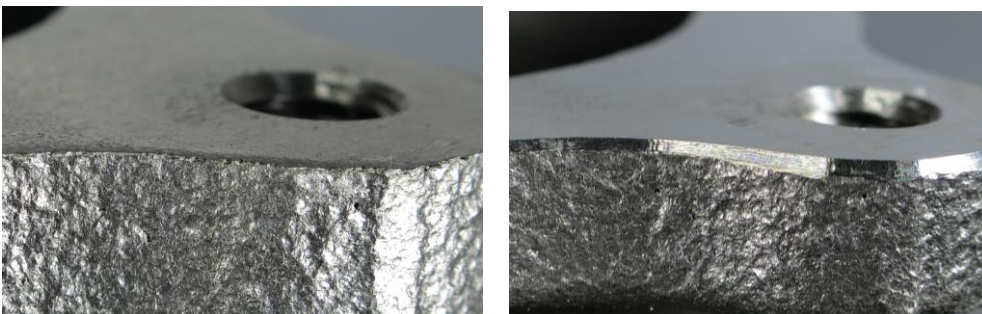
Material	SCM
Cutting Tool	W616-SP
Rotation Speed	8,000r/min
Feed Rate	30mm/s
Chanfer Size	About C0.3

GREEN



Material	SS
Cutting Tool	W616-SP
Rotation Speed	8,000r/min
Feed Rate	30mm/s
Chanfer Size	About C0.63

RED



Material	SUS
Cutting Tool	W616-SP
Rotation Speed	8,000r/min
Feed Rate	30mm/s
Chanfer Size	About C0.76

Comparison of DBR7-1D and DBR7-P

Model	DBR7-1D 	DBR7-P 
Feature	 <p>±10mm</p>	<p>5° Tilting</p>  <p>+</p>  <p>5mm Compression (or Tension)</p>
Cutting Tools	<p>The tip angles need to be larger than 90°</p> 	<p>A variety of shape can be used</p> 
Work Piece	 	