


# 152

SOLID CARBIDE **Z2** **Z3** **RH** 

ORDER NO.		D		R	A	I	L	S	Z
Right-hand rotation		inches	mm	inches		inches	inches	inches	
<b>152.064.082</b>	10	1/32	0.8	1/64	6.2°	1	3	1/4	3
<b>152.064.162</b>	10	1/16	1.6	1/32	5.4°	1	3	1/4	3
<b>152.064.322</b>	10	1/8	3.2	1/16	3.6°	1	3	1/4	3
<b>152.127.635</b>	10	1/4	6.4	1/8	3°	2	4	1/2	2

### TECHNICAL DETAILS:

- Premium quality HWM.
- Upcut spiral cutting edges [Z2/Z3].
- **Excellent finish on the lower side of the work piece.**
- Upward chip ejection.

**APPLICATION:** specially designed for 2D and 3D CNC profiling and carving in plastic, aluminum & wood for several uses like:

- A perfect bit for 3D carving
- Precision 2D and 3D large scale carving
- Great for deep profiling
- Dimensional signage
- 3D millwork
- 2D and 3D contouring, profiling, modeling and pattern making for cabinetry, sign making, furniture making and jewelry mold making
- Perfect for model-makers on large 3D milling profiles in abrasive EPS foam and other materials.
- **Ideal on aluminum, plastic and wood-based materials.**



new

### EXCELLENT FOR CUTTING:

- Acrylonitrile-Butadiene-Styrene (ABS)
- Acrylic
- Acrylic Stone
- Aluminum
- Brass
- Bronze
- Composite
- Copper
- Corian®
- Coroplast®
- Dibond®
- Ethafoam®
- Ethylene-vinyl Acetate Foam (EVA)
- Expanded Polypropylene (EPP)

- Expanded Polystyrene Foam (EPS)
- Extruded Polystyrene Foam (XPS)
- Fiberglass
- Fiberglass PCB Board
- Foam Board
- Graphite
- HDPE
- HDU
- 20lbs High Density Urethane
- Lexan®
- MDF/HDF
- PALFOAM™
- Phenolics
- Phenolic Composites

- Plastics
- Poly (methyl methacrylate) (PMMA)
- Polyethylene Foam
- Polylam®
- Polyurethane Foam
- PVC
- PVC Foam Board
- Sign Board
- Sign Foam
- Titanium
- Tooling Board
- Wood
- XPE (Cross Linked Polyethylene) Foam

### TIPS FOR MILLING PLASTICS

- pay attention to heat input
- pay attention to chip-loads when using small diameters
- use an air-blast system to keep work area chip-free and to minimize heat build