


152

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

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