

Compatible with TXL, IS, M and Vanguard series machines.

11/64" SHANK SIZE

11/64" Radius Cutters  
for rounded cut

Use reverse engraving on Gravoglas for neon tube look. Also used for gasket grooves & 3D milling

## Material Type Part no.

Gravoply 34086

Phenolic 34086

Acrylic 34086

Ferrous Metals 34086

Aluminum 34086

Choose radius (1/32", 1/16",  
3/32", 1/8", 5/32")

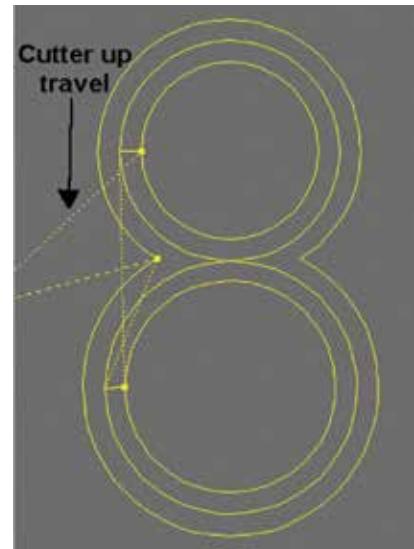
**Font types are critical to engraving quality and time**

There are 2 main types of fonts for engraving: TrueType (print fonts), and pre-engineered engraving fonts.

TrueType fonts are outline fonts. They can be filled for a solid, bold look. Filling requires the engraving program to calculate the tool paths.

Engraving fonts are pre-engineered fonts with optimised tool paths, designed for reducing engraving time and optimising engraving quality. Engraving fonts are optimised with reduced tool lifts, tool paths start from the inside of a contour - so you don't lose the leading edge of a filled contour which causes "dimpling". Tool path direction is predetermined for high quality engraving. The engraving path order is optimised as a time saving measure. Use single-line fonts to increase production speed.

When selecting cutters, please use the B chart above as a guideline for choosing the appropriate sized tip for engraving.



Compatible with 1/4" Collet spindles and Vanguard series machines.

1/4" SHANK SIZE

1/4" Diamond Drag  
cutters for metal

Cutting width Part no.  
.020 34261

1/4" Burnishing cutters  
for coated and polished  
metals

Trophy Brass, Colored and  
Marbled Steel, Gravoxal and  
Gravometal

**Maximum depth .002**  
(use light pressure setting for  
best results)

Cutting width Part no.

.010 34207

.015 34208

.020 34209

.030 34211

.040 34212

.060 34213

.090 34214

1/4" Carbide cutters for  
plastic

GPLY I & II, Ultra, Gravolase,  
Metalllex & Metalllex 2

Cutting width Part no.

.005 34184

.010 34185

.015 34186

.020 34187

.030 34189

.040 34190

.060 34191

.090 34192

.125 34193

.171 34194

.250 34196

1/4" Carbide cutters for  
Gavostrat and Gravoply  
2-Plex

Cutting width Part no.

.005 34158

.010 34159

.015 34160

.020 34161

.030 34162

.040 34163

.060 34164

.090 34165

.125 34167

.171 34169

.250 34169

1/4" Carbide cutters for  
Acrylic

All Gravoglas and Acrylic 35 °  
cutting angle for deep engraving

Cutting width Part no.

.010 34273

.015 34274

.020 34275

.030 34276

.040 34277

.060 34278

.090 34279

.125 34280

.171 34281

.187 34282

.250 34283