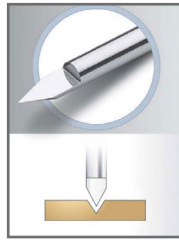


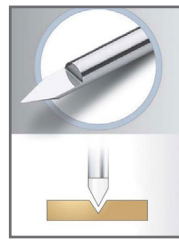
Compatible with: M20Jewel, M20 3 Axis, M20 4 Axis, IM4 IM3, ITM, ITL and IF3 machines.
Unless otherwise stated, cutter length is 4-5 inches (101.6 mm - 127 mm).

1/8" SHANK SIZE



1/8" HSS cutters for ferrous metals for deep engraving in steel and ferrous metals

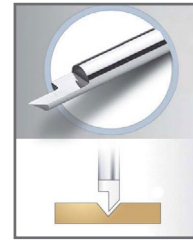
Cutting width	Part Number
0.005	33910
0.010	33911
0.015	33912
0.020	33913
0.030	33914
0.040	33915
0.060	33916
0.090	33917
0.125	33918



1/8" Wide Angle cutters for painted, or coated aluminum, brass and soft metals

Gravoxal, Gravometal Colored Aluminum, Trophy Brass, Colored and Marbled Steel

Cutting width	Part Number
0.010	33888
0.015	33889
0.020	33890
0.030	33892
0.040	33893
0.060	33894

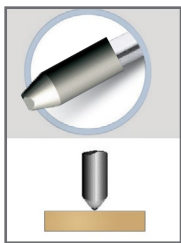


1/8" Quarter Round cutters for stainless steel and other hard metals

Cutting width	Part Number
0.005	33943
0.015	33944
0.020	33945
0.030	33946
0.040	33948
0.060	33919
0.090	33950

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

11/64" SHANK SIZE

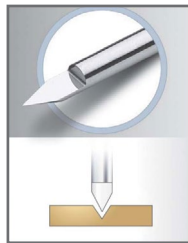


11/64" Burnishing cutters for coated and polished metals

Trophy Brass, Colored and Marbled Steel, Gravoxal, and Gravometal

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

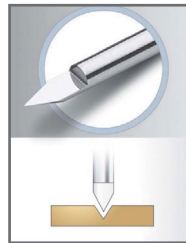
Cutting width	Part Number
0.005	34036
0.010	34037
0.015	34038
0.020	34039
0.030	34041
0.040	34042
0.060	34043
0.090	34044



11/64" Carbide cutters for plastic

Gravoply 1 & 2, Ultra, Gravolase, Metallex & Metallex 2

Cutting width	Part Number
0.005	34012
0.010	34013
0.015	34014
0.020	34015
0.030	34017
0.040	34018
0.060	34019
0.090	34020
0.125	34021
0.171	34022



11/64" Carbide cutters for Gravostrat

Cutting width	Part Number
0.005	33989
0.010	33990
0.015	33991
0.020	33992
0.030	33993
0.040	33994
0.060	33995
0.090	33996
0.125	33997
0.171	33998

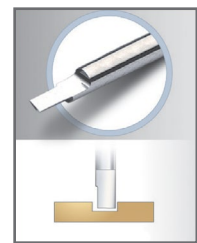


11/64" Radius Cutters for rounded cut

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")



11/64" Parallel cutters for 90° cut outs

Material Type	Part no.
Gravoply	34023
Phenolic	33999
Acrylic	34118
Ferrous Metals	34010
Aluminum	34034