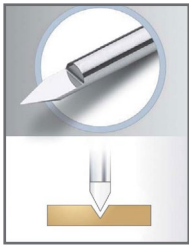


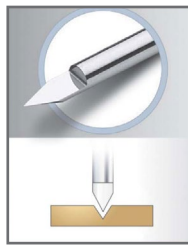
1/4" SHANK SIZE

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



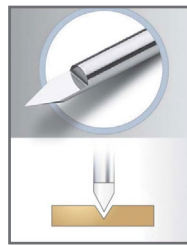
1/4" Carbide cutters for Acrylic and all Gravoglas 110° cutting angle for letters over .5"

Cutting width	Part no.
.030	34265
.060	34267
.171	34270
.250	34272



1/4" Carbide cutters for deep engraving aluminum, brass and soft metals
Gravoxal, Gravometal, Gravostral, Colored Aluminum, Trophy Brass, Colored & Marbled Steel

Cutting width	Part no.
.005	34198
.010	34199
.015	34200
.020	34201
.030	34202
.040	34203
.060	34204



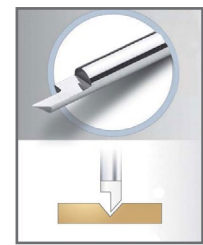
1/4" Wide Angle cutters for painted or coated aluminum, brass and soft metals
Gravoxal, Colored Aluminum, Trophy Brass, Colored & Marbled Steel, and Gravometal

Cutting width	Part no.
.010	34219
.015	34220
.020	34221
.030	34223
.040	34224
.060	34225



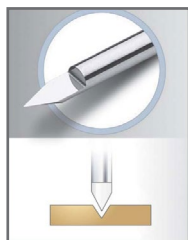
1/4" Carbide 18° cutters for deep engraving steel and ferrous metals

Cutting width	Part no.
.005	34309
.010	34310
.015	34311
.030	34312



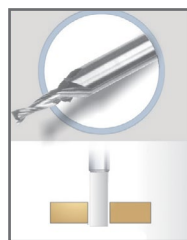
1/4" Quarter Round cutters for stainless steel and other hard metals

Cutting width	Part no.
.005	34285
.010	34286
.015	34287
.020	34288
.030	34290
.040	34291
.060	34292
.090	34293
.125	34294
.171	34295



1/4" Carbide 20° cutters for deep engraving steel and ferrous metals

Cutting width	Part no.
.005	34313
.010	34314
.015	34315



1/4" End Mill cutters for deep routing in metal

Cutting width	Part no.
.060	34303
.090	34304
.125	34305
.171	34306



1/4" Parallel cutters for 90° cut outs

Material Type	Part no.
Gravoply	34023
Phenolic	33999
Ferrous Metals	34010