

GERBER cutter DCS

1500 DCS 2500

Consumables and Tools

GERBER Wheel Cutter Blades Knife Cutters V-
Notch Tools Chisel Tool Punch Tools Cutter
Specifications

Consumables and Tools

Wheel Cutter Blades

Blade size (inches)	Part number
1.10	TL-001
1.75	TL-004

Figure 30: Wheel cutter blades

Knife Cutters

Angle	Thickness (inches)	Part number
30°	0.040	TL-051
45°	0.020	TL-055
45°	0.040	TL-052
55°	0.020	TL-166
55°	0.040	TL-353

Figure 31: Knife cutters

V-Notch Tools

Angle	Cut Depth (inches)	Part number
45°	3/16	TL-354
45°	1/4	TL-257
45°	5/16	TL-267
60°	3/16	TL-256

Chisel Tool

Angle	Thickness (inches)	Part number
90°	0.040	TL-056

Punch Tools

The following part numbers are for replacement punch blades only. They do not include the base assembly which is required to mount punches to the tool holder.

Desired hole diameter (inches)	Part number
1/32	TL-211
1/16	TL-200
3/32	TL-201
1/8	TL-202
3/16	TL-203
1/4	TL-204
9/32	TL-210
5/16	TL-205
3/8	TL-206
1/2	TL-207
9/32	TL-210
Desired hole diameter (mm)	Part number
1	TL-250
2	TL-251
3	TL-252
4	TL-253
5	TL-254
6	TL-255
10	TL-260

Cutter Specifications

Overall Dimensions	Lengths: 3.6, 7.3, 9.1, 10.9, 12.8, 14.6, 16.4, 18.2, 20.1, 21.9, 23.7, 25.6, 27.4, 29.2, 31, 32.9, 34.7, 36.5 m (12, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120 ft.) Widths: .9, 1.8, 2.4, 3, 3.6, 4.2 m (3, 6, 8, 10, 12, 14 ft.)
Cutting Area	Dependent on length and width of table being used.
Table Height	0.84 m to 0.86 m (33 in to 34 in)
Maximum Cutting/Plotting Speed	1.1 m/sec (45 ips)
Cutting and Plotting Tools	Wheel blade, knife cutter, pen, chisel tool, wheel, v-notch, punch
Computer	PC based, Windows OS
Front End Systems	Compatible with Gerber; ScanVec, Assyst, Auto-Cad, Lectra, Polygon & most software packages
Software	CutWorks 6.0 to 10
File Formats	Gerber, DXF, AAMA, HPGL, IGES, and others
Drive Power	Servo Motors
Drive System	Rack & pinion/belt drive hybrid
Electrical Requirements	Vacuum: 220V @ 15A or 440V @ 7.5 Amp three phase System Control & Drive: 110V @ 20A or 220V @ 10A single phase
Compressed Air Requirements	90-120 psi
Operating Environment	Max Temp 43° C (110° F) Max Humidity 95% (non-condensing), Stand. Vac. system to 760 m (2,500 ft.) above sea level