

Milling Cutter Size Chart

End Mill Size Chart

Cutter Diameter (D)	Shank Diameter (d)	Cutting Length (L1)	Overall Length (L2)
1 mm (0.039")	3 mm	3–6 mm	38–50 mm
2 mm (0.078")	4 mm	5–8 mm	38–50 mm
3 mm (0.118")	3–6 mm	6–10 mm	38–50 mm
4 mm (0.157")	4 mm	8–12 mm	50 mm
6 mm (0.236")	6 mm	10–18 mm	50–60 mm
8 mm (0.315")	8 mm	12–25 mm	60–75 mm
10 mm (0.394")	10 mm	15–30 mm	75–100 mm
12 mm (0.472")	12 mm	20–40 mm	75–100 mm
16 mm (0.629")	16 mm	25–50 mm	100–120 mm
20 mm (0.787")	20 mm	30–60 mm	100–150 mm
25 mm (0.984")	25 mm	40–80 mm	125–160 mm

Face Mill Size Chart

Cutter Diameter (D)	Insert Pockets	Cutting Depth	Typical Use Case
40 mm (1.57")	3–4	2–5 mm	Small surface finishing
63 mm (2.48")	4–6	3–6 mm	General face milling
80 mm (3.15")	5–8	4–8 mm	Medium to heavy milling
100 mm (3.94")	6–10	5–10 mm	Large surface finishing
125 mm (4.92")	8–12	6–12 mm	Heavy material removal
160 mm (6.30")	10–16	8–15 mm	Industrial applications

Slot & Side Cutter Sizes

Cutter Diameter (D)	Thickness (T)	Bore/Arbor Size
50 mm (1.97")	3–6 mm	16–22 mm
63 mm (2.48")	4–10 mm	22 mm
80 mm (3.15")	5–12 mm	22–27 mm
100 mm (3.94")	6–15 mm	27–32 mm