Reference Charts

<Cutting Condition> Heat treated steel (Hardness 240HB) Vc=80m/min, Wet Power required Thrust force Torque 5.0 3.0 f=0.35mm/rev 4.5 f=0.35mm/rev f=0.35mm/rev Power required Ps(kW) 4.0 Thrust force Ff[kN] 3.5 Torque Md[Nm] 20 2.0 3.0 f=0.25mm/rev f=0.25mm/rev 2.5 f=0.25mm/rev 2.0 1.0 f=0.15mm/rev f=0.15mm/rev 1.0 f=0.15mm/rev 0.5 0.5 12 12 14 Cutting Dia. ϕ Dc [mm] Cutting Dia. ϕ Dc [mm] Cutting Dia. ϕ Dc [mm]

Case Studies





