

IN-LINE SPINDLE (METAL MACHINING)				
Spindle taper	ISO40			
Maximum speed	12000(std) ; 15000 rpm (opt)			
Power S1/S6-40% (Heidenhain)	10/14 kW		13.5/19 hp	
Torque S1/S6-40% (Heidenhain)	63.7/89.1 Nm		47/65.7 Ft/lbs	
Power S1/S6-40% (Siemens)	10.5/15.8 kW (12K)		14/21.1 hp (12K)	
	8.5/12.8 kW (15K)		11.3/17.1 hp (15K)	
Torque S1/S6-40% (Siemens)	63/94.5 Nm (12K)		46.4/69.7 Ft/lbs (12K)	
	63/91.7 Nm (15K)		46.4/67.6 Ft/lbs (15K)	
Power S1/S6-40% (Fanuc)	11/15 kW (12K)		14.7/20.1 hp (12K)	
	15/18.5 kW (15K)		20.1/24.8 hp (15K)	
Torque S1/S6-40% (Fanuc)	70/95.5 Nm (12K)		51.6/70.4 Ft/lbs (12K)	
	102.7/126 Nm (15K)		75.7/92.9 Ft/lbs (15K)	
Spindle nose to rotary & swivelling table	100-535 mm		3.93-21.1 in	
BUILT-IN SPINDLE (METAL MACHINING)				
Spindle taper	HSK E50/A63			
Maximum speed	14000 rpm (Grease) ; 18000 rpm (Air/Oil) ; 24000 rpm ; 36000 rpm			
Power S1/S6-40%	15/18 kW	15/18 kW	20/25 kW	20/26 kW
	20.1/24.1 hp	20.1/24.1 hp	26.8/33.5 hp	26.8/34.8 hp
Torque S1/S6-40%	79.6/97.7 Nm	79.6/97.7 Nm	31.8/39.8 Nm	10.6/13.5 Nm
	58.7/72 Ft/lbs	58.7/72 Ft/lbs	23.4/29.3 Ft/lbs	7.8/9.9 Ft/lbs
Spindle nose to rotary & swivelling table	100-535 mm		3.93-21.1 in	
BUILT-IN SPINDLE (GRAPHITE MACHINING)				
Spindle taper	HSK E50			
Maximum speed	25000 rpm			
Power S1/S6-40%	20/26 kW		26/35 hp	
Torque S1/S6-40%	10.4/13.5 Nm		7.67/9.96 Ft/lbs	
Spindle nose to rotary & swivelling table	100-535 mm		3.93-21.1 in	