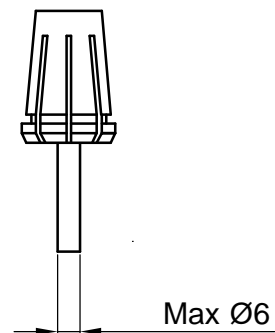
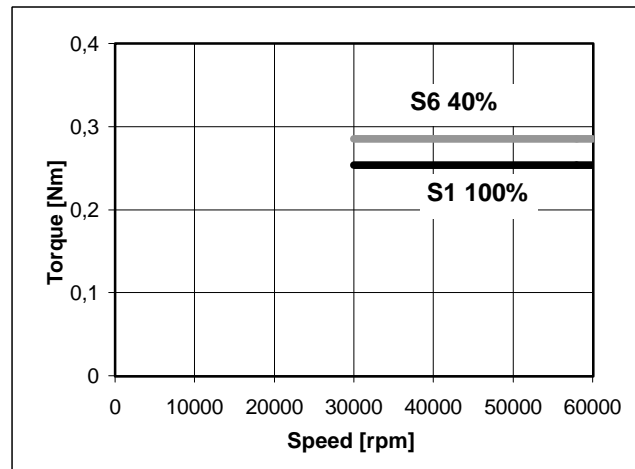
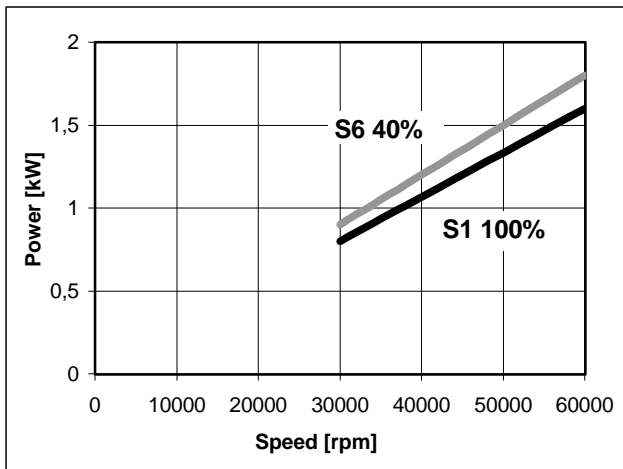

Collet TGSX 12


SPEED	RPM	30000	40000	60000
FREQUENCY Hz		500	750	1000
POWER (S1) KW		0.8	1	1.6
TORQUE Nm		0.25	0.2	0.16
VOLTAGE V		147	220	220
CURRENT A		5	4.2	4.2

1	Motor connector Motor phases Earth Thermal Switch N.C.
2	Cooling through internal fan-wheel. In case of low speed use with big removal we suggest an additional cooling system with air or water-oil
3	Coolant inlet
4	Coolant outlet

Torque & Power Diagram



Technical data-sheet

PERFORMANCE	Max speed	60000 rpm
	Power (S1)	1,6 KW at 60000 rpm
	Power (S6-40%)	1,8 KW at 60000 rpm
	Max torque	0,25 Nm (S1) - 0,3 Nm (S6-40%)
	Front-side bearings diameter	15 mm
	Axial stiffness	100 N/μm
	Radial stiffness	60 N/μm
	Collet Type	TGSX 12
	Tool Diameter	From φ0,6 to φ6
	Weight	3,5 Kg

SERVICES	Voltage	220 V Three-Phases
	Clamping system	Manual
	Bearings lubrication	Grease
	Type of bearings	High precision hybrid ceramic bearings
	Motor technology	Integrated Asynchronous motor
	Spindle cooling	Cooling through internal fan-wheel.
	Motor's thermal sensor	Thermal Switch N.C
	Machine Arbor Attachment	ISO 30 - ISO 40 DIN 69871 BT 30 - BT 40 HSK A40 - A 50 DIN 69893 Other arbors upon request