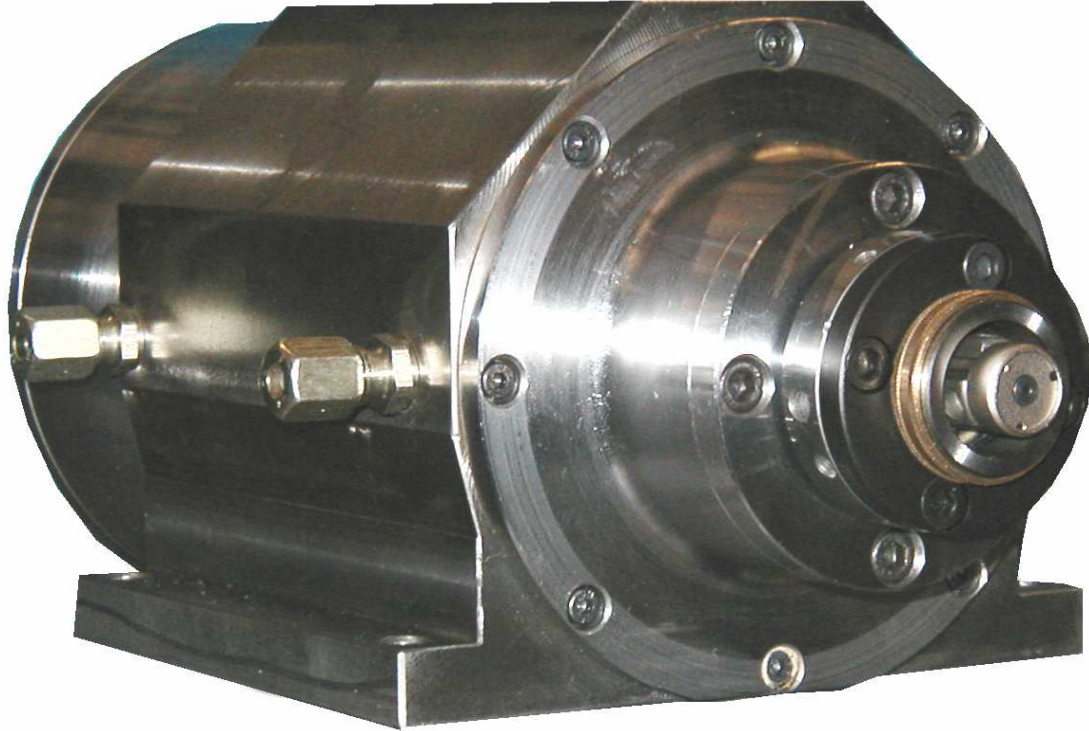




Unit - Sample HG – 812

High speed motor spindle unit type MS-08



This spindle unit was developed for highspeed cutting (HSC) machining.

Can be used for:

- milling with very high speed in all metals, plastics and wood
- boring with small tungsten carbide tools in different materials

max. axial force:	at about 1.000 N
possible motor power $P_{max.}$:	without coolant 1,05 KW
	with air cooling 1,40 KW
	with air pressure cooling 2,00 KW
	with water coolant 2,50 KW
max. tilting moment:	7,77 Nm (3100 rpm)
nominal speed (167 Hz):	5.000 rpm
maximal speed (1000 Hz):	30.000 rpm (P at about 1,1 kW)
spindle nose:	HSK-C(A) size 32
spindle bearing:	high precision spindle bearing set, front \varnothing 25mm, wide O - arrangement
	high precision spindle bearing set, rear \varnothing 17mm
max. spindle speed:	30.000 rpm (bearing with grease)
	47.000 rpm (oil-dust lubrication)

Other designs regarding customers request possible.

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