

Member IMC Group
Ingersoll
Cutting Tools

TYPHOON HIGH SPEED JET SPINDLES



Typhoon
HSM Jet Spindles

20,000 rpm
30,000 rpm
40,000 rpm

COOLANT DRIVEN SPINDLE
WITH REAL TIME
RPM MONITORING



**REDUCE CYCLE TIME
AS MUCH AS 70%!**

TYPHOON Coolant Driven Spindle

4-5 times faster

40,000 rpm
on your machine

Coolant driven spindle

The system uses the existing machine coolant flow, to rotate the HSM Jet spindle without an additional energy source.



Plug & Play

As easy to connect as any other tool in your magazine.

HSM Jet Spindle is available in several mounting adaptation types as:

- ER32 collet chuck with a special tightening nut, suitable for all standard tool holders with an ER32 seat.
- Integral options with various adaptations: HSK A63, C 5 & 6, BT 30 & 40, CAT 40 & DIN69871 40

The HSM Jet Spindle is compatible with standard ER11 collets for tool clamping.



TYPHOON - The movie



Wireless real time rpm monitoring

Real time rpm monitoring allows to optimize the cutting tool's machining conditions according to the actual rotational speed in the workpiece.



Wireless connection

Wide range of applications



Milling



Thread Milling



Drilling



Grinding



Chamfering



Engraving & Chamfering

