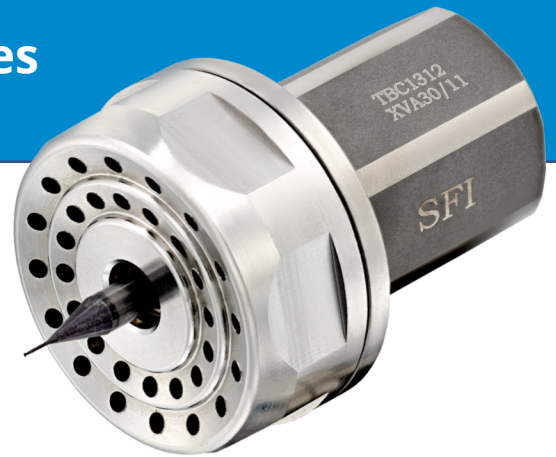


# Toodle™

## Revolutionary high speed spindles



### TBC1312

- Driven by through coolant or oil
- Rotation speeds 40,000 – 75,000 rpm

#### Features

- Output power 800 W
- Coolant/oil pressure 10 - 60 bar
- Perfect dynamic run out always
- Supports tool shanks 3, 4 and 6 mm

#### Applications

- Milling ● Drilling ● Grinding
- Chamfering ● Engraving ● Etc.

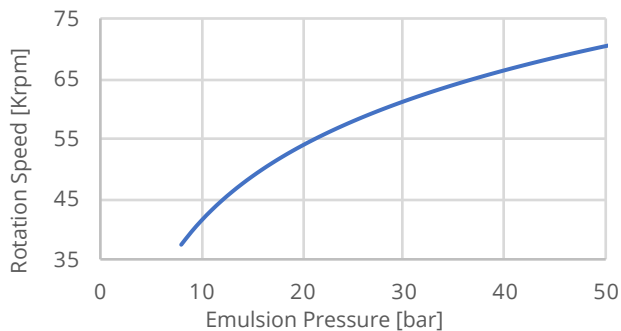
#### Advantages

- Crush resistant
- Extended tool life
- Super high precision
- Significant savings on your machining costs

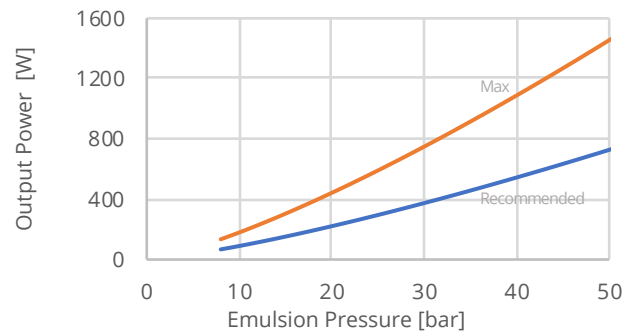
#### Industries

- Aviation ● Automotive ● Micromachining
- Medical ● Mold & Die ● Electronics ● Etc.

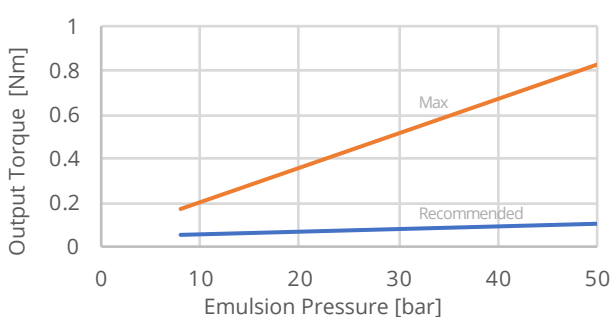
Rotation Speed vs. Emulsion Pressure



Output Power vs. Emulsion Pressure



Output Torque vs. Emulsion Pressure



Flow Rate vs. Emulsion Pressure

