



High Performance Cutting Tools



HSS TAPS PRODUCT PORTFOLIO



Forbes & Company Limited



HIGH PERFORMANCE MACHINE TAPS

- Manufactured from High Grade HSSE & HSSE PM Steel
- Consistent and tight thread tolerance
- High operating parameters suitable for CNC / SPM Machines
- Material specific tool geometry for optimal performance
- Surface treatment to suit application material for greater wear & heat resistance

SA – SPIRAL POINTED TAPS

- Material specific angular geometry ensures chips are pushed downwards
- Axial through coolant taps

SERIES

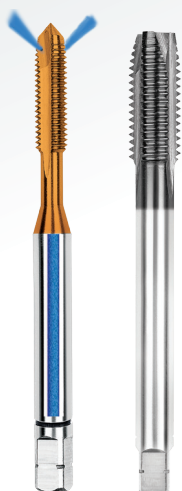
SA: General steel, SG Iron

SAF: Forged steel

SAH: Alloy and Hardened Steel

SAS: Stainless Steel

SAI: Super Alloys



SB – SPIRAL FLUTED TAPS

- Specific flute design for excellent chip evacuation
- Helix angle as per material category
- Radial through coolant taps

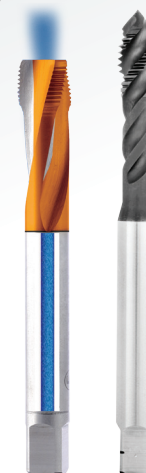
SERIES

SB: General steel, SG Iron, Aluminium

SBF: Forged steel

SBS: Stainless steel

SBI: Super alloys



SC – STRAIGHT FLUTED TAPS

- Cutting edge geometry production short chips
- Special process for stress relieving on cutting edge
- Radial and axial through coolant taps

SERIES

SC: Cast iron, SG Iron, Aluminium Casting

SCC: Ductile Cast Iron

SCF: Forged steel

SCH: Hardened steel



SD – FORMING TAPS

- Optimized lobe form reduces friction
- Chamfer geometry for uniform load distribution
- Radial and axial through coolant taps

SERIES

SD: Aluminium and aluminium alloys

SDF: Steel and Forged steel



Standards	DIN, ISO, JIS, ANSI
Thread form	METRIC, UNC, UNF, BSP
Range	3mm - 25mm

SA	SPIRAL POINT	SC	STRAIGHT FLUTE
SB	SPIRAL FLUTE	SD	ROLL TAP OR FORMING TAP

COATING

1	BF	Bright Finish	5	TiCN	Titanium Carbo Nitride Coating
3	TiN	Titanium Nitride Coating	6	TiAlN + WC/C	Hardlube
4	TiAlN	Titanium Aluminium Nitride Coating	7	AlCrN	HELICA