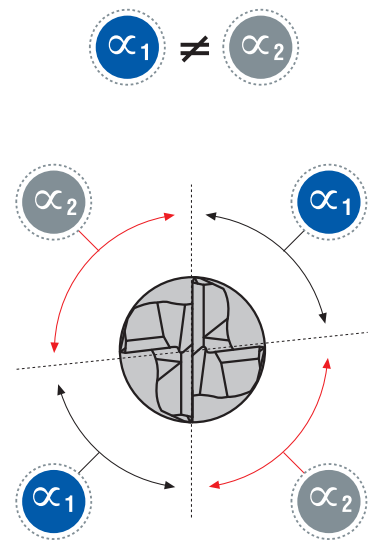


InoxCut



Anti - Vibration End-Mills

Using the latest in engineering design and grinding capabilities Helix Tools developed a new generation of anti-vibration tool for milling difficult materials such as Stainless Steel and High Temperature Alloys. InoxCut End Mills are designed to provide maximum metal removal rates and to achieve better surface conditions. New variable flute design of InoxCut End Mills provides more controlled and manageable chip formation. The new coating has a high hardness giving superior protection against abrasive wear and oxidation. Ideal for stainless steel, cast iron and high temperature alloys applications. Due to these advantages InoxCut has greater tool life than most other high performance tools.

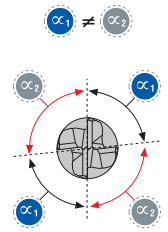
IC404

Solid Carbide End Mills, InoxCut

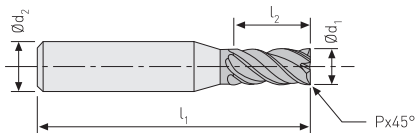
Application Range

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

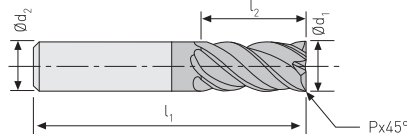
HELIX TOOLS



A



B



K30F
ATN
Z=4
~38°
HELIX TOOLS Std.
HRC <48
Page 88

Order Code	d _{1 mm} h10	l _{1 mm}	l _{2 mm}	d _{2 mm} h6	z	P	Type
IC404-0400	4	50	10	6	4	0.15x45°	A
IC404-0500	5	50	13	6	4	0.15x45°	A
IC404-0600	6	57	14	6	4	0.20x45°	B
IC404-0800	8	63	19	8	4	0.20x45°	B
IC404-1000	10	72	22	10	4	0.25x45°	B
IC404-1200	12	83	26	12	4	0.25x45°	B
IC404-1400	14	83	26	14	4	0.40x45°	B
IC404-1600	16	92	32	16	4	0.40x45°	B
IC404-1800	18	92	32	18	4	0.50x45°	B
IC404-2000	20	104	38	20	4	0.50x45°	B



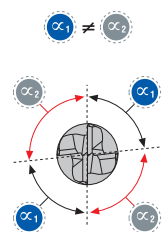
IC414

Solid Carbide End Mills, InoxCut, With Weldon Shank

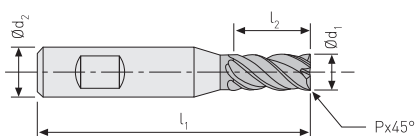
Application Range

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

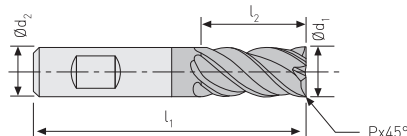
HELIX TOOLS



A



B



K30F
ATN
Z=4
~38°
HELIX TOOLS Std.
HRC <48
Page 88

Order Code	d _{1 mm} h10	l _{1 mm}	l _{2 mm}	d _{2 mm} h6	z	P	Type
IC414-0400	4	50	10	6	4	0.15x45°	A
IC414-0500	5	50	13	6	4	0.15x45°	A
IC414-0600	6	57	14	6	4	0.20x45°	B
IC414-0800	8	63	19	8	4	0.20x45°	B
IC414-1000	10	72	22	10	4	0.25x45°	B
IC414-1200	12	83	26	12	4	0.25x45°	B
IC414-1400	14	83	26	14	4	0.40x45°	B
IC414-1600	16	92	32	16	4	0.40x45°	B
IC414-1800	18	92	32	18	4	0.50x45°	B
IC414-2000	20	104	38	20	4	0.50x45°	B

