

SpeedCut



H → Feed
I → Speed
G → Precision
H → Application Flexibility

High Feed End Mills

The SPEEDCUT is designed by HELIX TOOLS for the machining of hard materials and high speed machining. You can use SC series end mills at 2D operation, like pocket and slot milling, or 3D operations like line-by-line milling, copy milling and high-feed roughing of contours can now be done with one tool only.

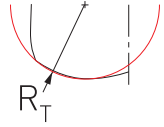
SC404

Solid Carbide High Speed End Mills, SpeedCut

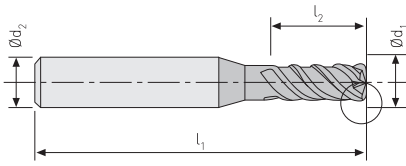
Application Range

HELIX TOOLS

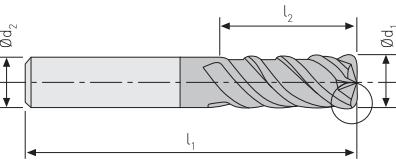
- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



A



B



Order Code	d ₁ mm h10	l ₁ mm	l ₂ mm	d ₂ mm h6	z	R _T	Type
SC404-0400 ATN	4	57	10	6	4	0.65	A
SC404-0500 ATN	5	57	13	6	4	0.70	A
SC404-0600 ATN	6	57	14	6	4	0.75	B
SC404-0600 ATN-L100	6	100	14	6	4	0.75	B
SC404-0800 ATN	8	63	19	8	4	1.40	B
SC404-0800 ATN-L120	8	120	19	8	4	1.40	B
SC404-1000 ATN	10	72	22	10	4	2.00	B
SC404-1000 ATN-L150	10	150	22	10	4	2.00	B
SC404-1200 ATN	12	83	26	12	4	2.10	B
SC404-1600 ATN	16	92	32	16	4	2.75	B
SC404-2000 ATN	20	104	38	20	4	3.00	B

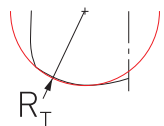
SC404H

Solid Carbide High Speed End Mills, HardCut

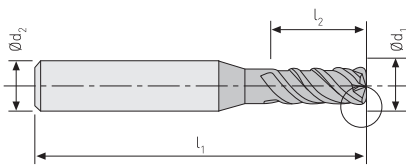
Application Range

HELIX TOOLS

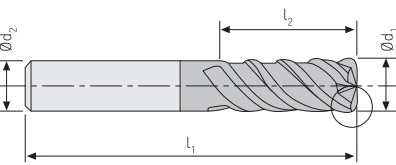
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- Plastics
- Graphite



A



B



Order Code	d ₁ mm h10	l ₁ mm	l ₂ mm	d ₂ mm h6	z	R _T	Type
SC404H-0400 ATN	4	57	10	6	4	0.60	A
SC404H-0500 ATN	5	57	13	6	4	0.65	A
SC404H-0600 ATN	6	57	14	6	4	0.70	B
SC404H-0800 ATN	8	63	19	8	4	1.20	B
SC404H-1000 ATN	10	72	22	10	4	1.80	B
SC404H-1200 ATN	12	83	26	12	4	1.90	B
SC404H-1600 ATN	16	92	32	16	4	2.00	B
SC404H-2000 ATN	20	104	38	20	4	2.60	B