



**WEDCO**  
Tool Competence

# FLAMINGO

## FOR GENERAL STEEL MACHINING

- + Steel machining up to 52 HRC
- + Suitable for wet and dry processing
- Improved process reliability by
- + sustainable performance

### TECHNISCHE DETAILS

#### ULTRA-FINE-GRAINED-CARBIDES

- Latest generation of carbides, optimized composition
- Improved toughness and improved high thermal stability
- Prevents material fractures by specifically tailored binders

#### VSO+ OPTIMIZING

- Improved cutting edge stability by particularly homogenous cutting edges
- Minimization of edge chipping and microcracks
- Minimization of the friction value at the areas

#### NEW COATING TECHNOLOGY

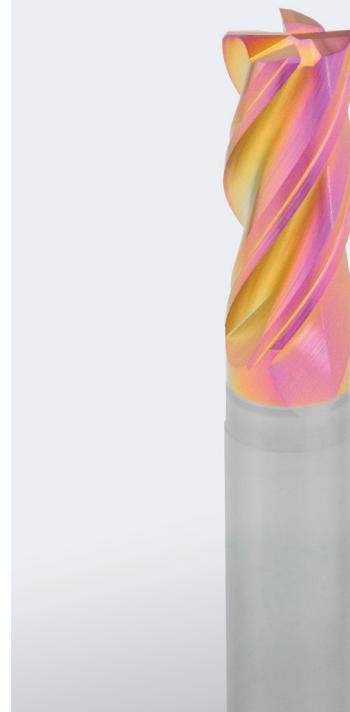
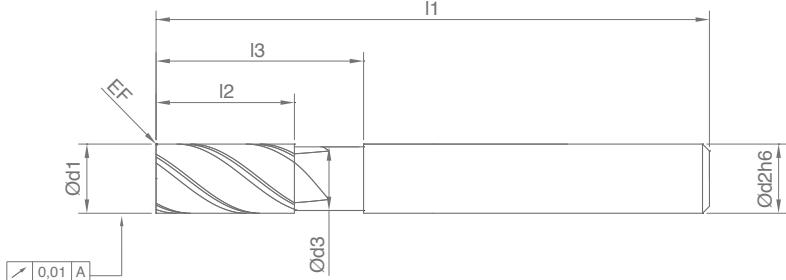
- Higher density, finer structure and a smoother surface than conventional multilayer coating systems
- Exact edges by high-precise layer coating
- Very low tendency of adhesion by the extremely smooth surface
- Counteracts the premature wear that is caused by high temperature differences



# S.C. END MILL ▶

## for general steel machining

FLAMINGO



Art. Nr.	Ød1	Ød2	l1	l2	Ød3	l3	Z	EF	Helix
FLWS 060 06004	6	6	60	13	5,8	20	4	0,1x45°	35°/38°
FLWS 070 08004	8	8	70	19	7,8	25	4	0,2x45°	35°/38°
FLWS 080 10004	10	10	80	22	9,8	30	4	0,3x45°	35°/38°
FLWS 080 12004	12	12	80	26	11,7	35	4	0,4x45°	35°/38°
FLWS 090 16004	16	16	90	32	15,7	45	4	0,5x45°	35°/38°
FLWS 108 20004	20	20	108	40	19,7	55	4	0,5x45°	35°/38°

### TOLERANCES

Ød1 = d2 ≤ Ø12	Ød1 = d2 > Ø12	EF
-0,01 / -0,02	-0,01 / -0,025	± 0,03

### APPLICATION EXAMPLE

Workpiece	Tool	Vc	fz	ae	ap
42CrMo4	FLWS060 06004 S.C. END MILL Ø6	350 m/min	0,07 mm	2,4 mm	10 mm