

Expansion HPC-end mills Type V

NEW



**SUPER POWER
FOR INOX**



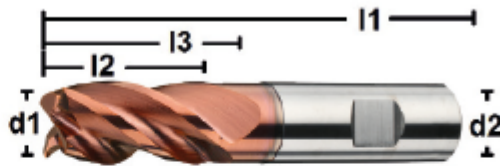
Expansion HPC-end mills Type V

Version	Article	Type W	Type H	Type V
short	E.7675	WK	HK	VK
long	E.7676	WL	HL	VL
reduced	E.7698	WA	HA	VA

Expansion HPC-end mills Type VA

E.7698VA.1

Solid carbide HPC Superstar end mills for Inox, reduced

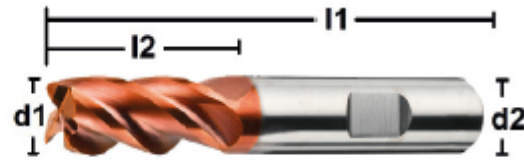


d1	protection chamfer	l2	l3	l1	neck diameter	d2 h6	shank-type	article number	€/ piece
3	0,13	8	18	57	2,80	6,0	HB	E.7698VA.1.0300	38,57
4	0,18	11	21	57	3,60	6,0	HB	E.7698VA.1.0400	38,57
5	0,20	13	21	57	4,60	6,0	HB	E.7698VA.1.0500	38,57
6	0,20	13	21	57	5,50	6,0	HB	E.7698VA.1.0600	33,79
8	0,25	19	27	63	7,50	8,0	HB	E.7698VA.1.0800	42,98
10	0,30	22	32	72	9,50	10,0	HB	E.7698VA.1.1000	61,09
12	0,30	26	38	83	11,50	12,0	HB	E.7698VA.1.1200	77,65
16	0,40	32	44	92	15,50	16,0	HB	E.7698VA.1.1600	127,65
20	0,50	38	54	104	19,50	20,0	HB	E.7698VA.1.2000	197,80

Expansion HPC-end mills Type VL

E.7676VL.1

Solid carbide HPC Superstar end mill for Inox, long

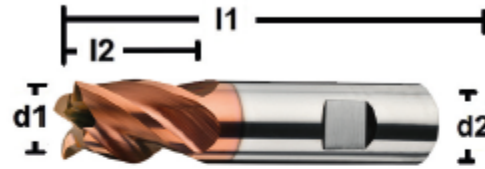


d1	protection chamfer	l2	l1	d2 h6	shank-type	article number	€/ piece
3	0,13	8	57	6,0	HB	E.7676VL.1.0300	29,38
4	0,18	11	57	6,0	HB	E.7676VL.1.0400	29,38
5	0,20	13	57	6,0	HB	E.7676VL.1.0500	29,38
6	0,20	13	57	6,0	HB	E.7676VL.1.0600	26,32
8	0,25	19	63	8,0	HB	E.7676VL.1.0800	36,80
10	0,30	22	72	10,0	HB	E.7676VL.1.1000	53,60
12	0,30	26	83	12,0	HB	E.7676VL.1.1200	66,20
16	0,40	32	92	16,0	HB	E.7676VL.1.1600	114,50
20	0,50	38	104	20,0	HB	E.7676VL.1.2000	178,31

Expansion HPC-end mills Type VK

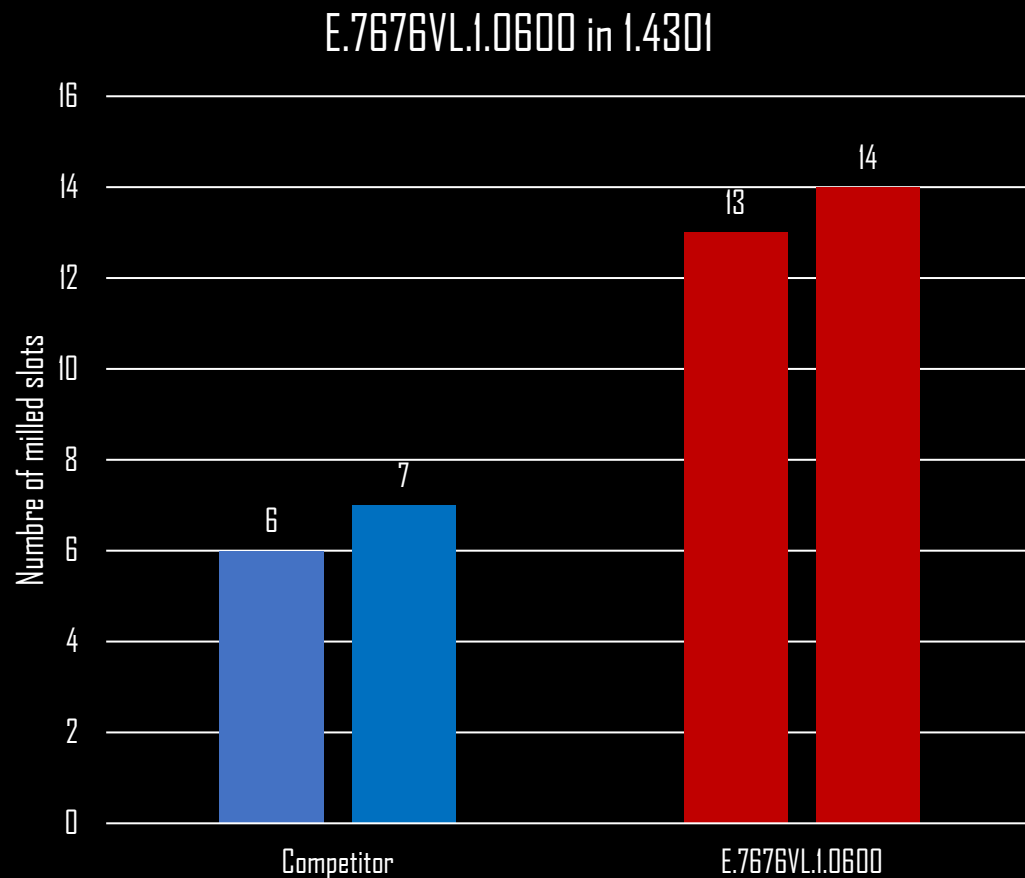
E.7675VK.1

Solid carbide HPC Superstar end mills for Inox, short



d1	protection chamfer	l2	l1	d2 h6	shank-type	article number	€/ piece
3	0,13	6	54	6,0	HB	E.7675VK.1.0300	28,16
4	0,18	8	54	6,0	HB	E.7675VK.1.0400	28,16
5	0,20	9	54	6,0	HB	E.7675VK.1.0500	28,16
6	0,20	10	54	6,0	HB	E.7675VK.1.0600	25,80
8	0,25	12	58	8,0	HB	E.7675VK.1.0800	32,93
10	0,30	14	66	10,0	HB	E.7675VK.1.1000	46,42
12	0,30	16	73	12,0	HB	E.7675VK.1.1200	59,60
16	0,40	22	82	16,0	HB	E.7675VK.1.1600	97,20
20	0,50	26	92	20,0	HB	E.7675VK.1.2000	149,60

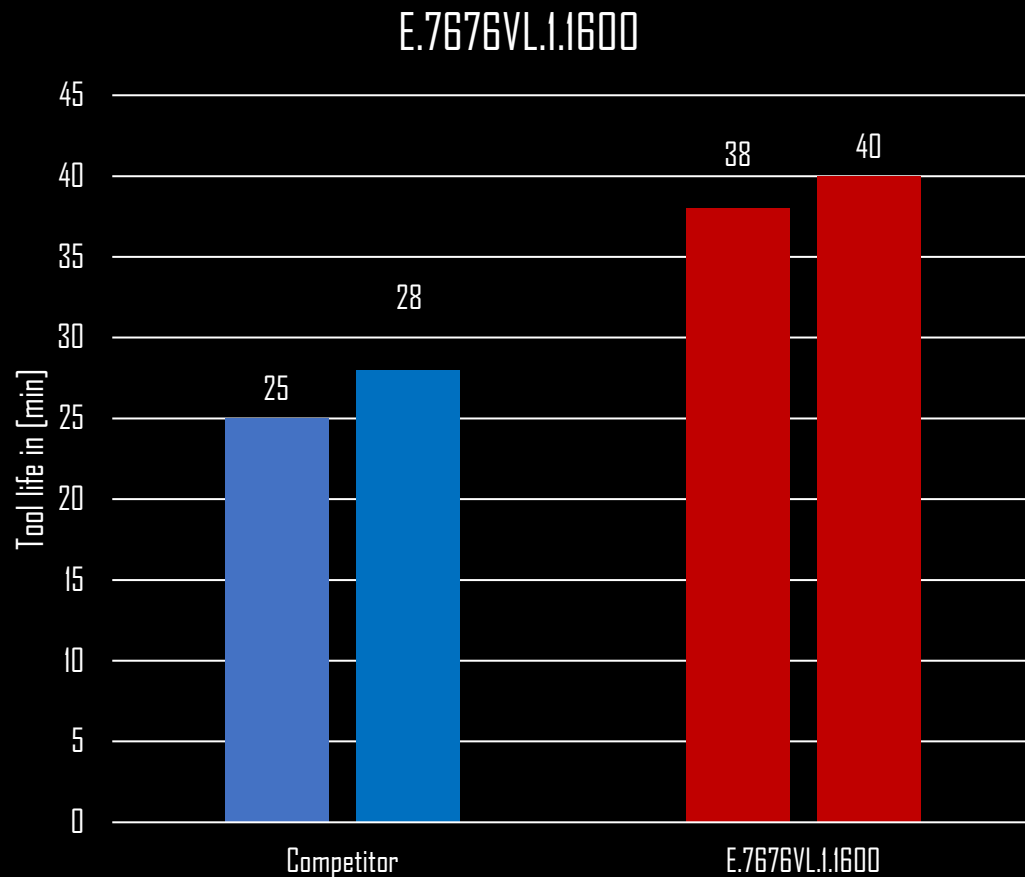
Test results HPC-end mills Type V



- Milling of full slots with the E.7676VL.1.0600
- Material 1.4301
- Competitor tool brake after 6-7 slots
- E.7676VL.1.0600 milled 13-14 slots
- Tool life increased by approx. 50%

These results are case-specific and cannot be seen as a guideline

Trial results HPC-end mills Type V



- Milling of an iron-chrome-steel
- Use of the milling cutter with a CAM-System
- Edging, grooving
- Roughing-finishing-machining
- Tool life increased from approx. 25 to 40 minutes

These results are case-specific and cannot be seen as a guideline

Field of application Type W/H/V

Type W

-> Steels up to 700N/mm²;
universal use

Material: Standard

Coating: for Uni & VA

Cutting edge preparation:
sharp

Type H

-> Steels up to 1400N/mm²

Material: Standard

Coating: for steel

Cutting edge preparation:
rounded

Type V

-> Stainless steel, CoCr, (Titanium)

Material: adapted for Inox/VA

Coating: temperatur resistance for
Inox/VA

Cutting edge preparation: sharp,
aftertreated