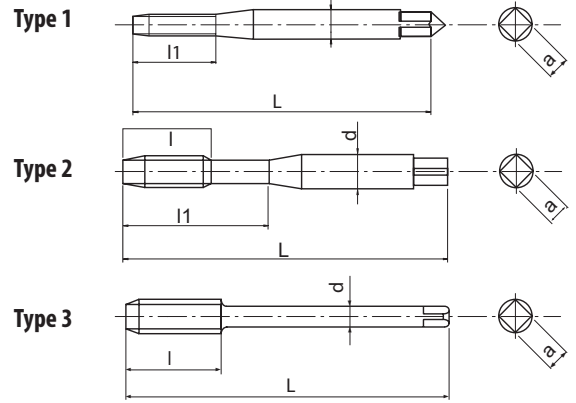


VA-POT

Threading | Cutting taps | Metric



- HSSE spiral-point cutting tap for through holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels



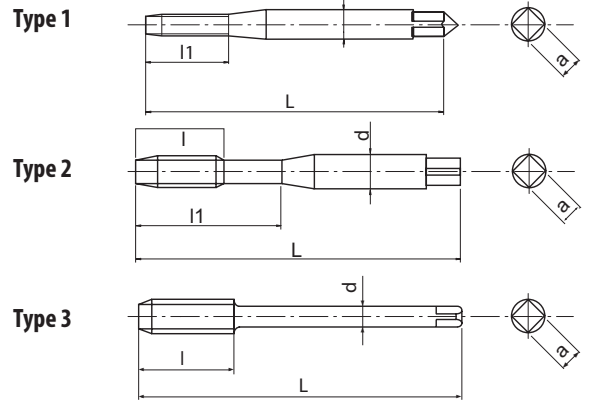
P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
15-24	10-15	10-15	8-13	8-16	10-15	m/min

M	HSSE	OX	ISO 2 6H	B/4	DIN 371	DIN 376
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EDP	M	P	L	l	l1	d	a	Z	Type	DIN
63812560	2	0,4	45	-	8	2,8	2,1	2	1	DIN371
63812860	2,2	0,45	45	-	9	2,8	2,1	2	1	DIN371
63813360	2,5	0,45	50	-	9	2,8	2,1	2	1	DIN371
63813860	3	0,5	56	-	18	3,5	2,7	3	2	DIN371
63814060	3,5	0,6	56	-	20	4	3	3	2	DIN371
63814460	4	0,7	63	-	21	4,5	3,4	3	2	DIN371
63814960	5	0,8	70	-	25	6	4,9	3	2	DIN371
63815560	6	1	80	-	30	6	4,9	3	2	DIN371
63816160	8	1,25	90	-	35	8	6,2	3	2	DIN371
63816960	10	1,5	100	-	39	10	8	3	2	DIN371
63913860	3	0,5	56	11	-	2,2	-	3	3	DIN376
63914460	4	0,7	63	13	-	2,8	2,1	3	3	DIN376
63914960	5	0,8	70	16	-	3,5	2,7	3	3	DIN376
63915560	6	1	80	19	-	4,5	3,4	3	3	DIN376
63916160	8	1,25	90	22	-	6	4,9	3	3	DIN376
63916960	10	1,5	100	24	-	7	5,5	3	3	DIN376
63917960	12	1,75	110	28	-	9	7	3	3	DIN376
63919160	14	2	110	30	-	11	9	3	3	DIN376
63920260	16	2	110	32	-	12	9	3	3	DIN376
63921460	18	2,5	125	34	-	14	11	3	3	DIN376
63922860	20	2,5	140	34	-	16	12	3	3	DIN376
63923860	22	2,5	140	34	-	18	14,5	3	3	DIN376
63924760	24	3	160	38	-	18	14,5	3	3	DIN376
63926260	27	3	160	38	-	20	16	4	3	DIN376
63927160	30	3,5	180	45	-	22	18	4	3	DIN376
63928160	33	3,5	180	50	-	25	20	4	3	DIN376
63929460	36	4	200	56	-	28	22	4	3	DIN376

VA-POT 6G

Threading | Cutting taps | Metric



- HSSE spiral-point cutting tap for through holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels
- For 6G internal thread tolerance

Threading | Cutting taps

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
15-24	10-15	10-15	8-13	8-16	10-15	m/min

M	HSSE	OX	ISO 3 6G	B/4	DIN 371	DIN 376
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Metric

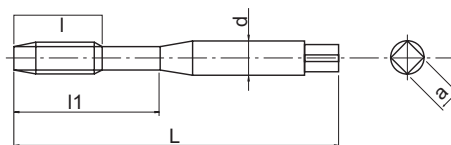
EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN
63812599	2	0,4	+0,019	45	-	8	2,8	2,1	2	1	DIN371
63813399	2,5	0,45	+0,020	50	-	9	2,8	2,1	2	1	DIN371
63813899	3	0,5	+0,020	56	-	18	3,5	2,7	3	2	DIN371
63814499	4	0,7	+0,022	63	-	21	4,5	3,4	3	2	DIN371
63814999	5	0,8	+0,024	70	-	25	6	4,9	3	2	DIN371
63815599	6	1	+0,026	80	-	30	6	4,9	3	2	DIN371
63816199	8	1,25	+0,028	90	-	35	8	6,2	3	2	DIN371
63816999	10	1,5	+0,032	100	-	39	10	8	3	2	DIN371
63917999	12	1,75	+0,034	110	28	-	9	7	3	3	DIN376
63919199	14	2	+0,038	110	30	-	11	9	3	3	DIN376
63920299	16	2	+0,038	110	32	-	12	9	3	3	DIN376

VA-POT

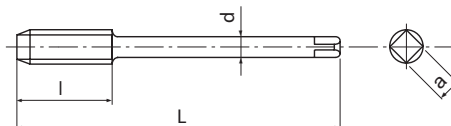
Threading | Cutting taps | UNC



Type 1



Type 2



- HSSE spiral-point cutting tap for through holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels

Threading | Cutting taps

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	m/min
15-24	10-15	10-15	8-13	8-16	10-15	

UNC	HSSE	OX	ANSI 2B	B/4	DIN 2184-1	DIN 2184-1
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EDP	UNC	P	L	l	l1	d	a	Z	Type	DIN
74845720	4	40	56	-	18	3,5	2,7	2	1	DIN2184-1
74845920	5	40	56	-	18	3,5	2,7	3	1	DIN2184-1
74846130	6	32	56	-	20	4	3,0	3	1	DIN2184-1
74846430	8	32	63	-	21	4,5	3,4	3	1	DIN2184-1
74846630	10	24	70	-	25	6	4,9	3	1	DIN2184-1
74847150	1/4	20	80	-	30	7	5,5	3	1	DIN2184-1
74847450	5/16	18	90	-	35	8	6,2	3	1	DIN2184-1
74847950	3/8	16	90	-	35	9	7	3	1	DIN2184-1
75148450	7/16	14	100	24	-	8	6,2	3	2	DIN2184-1
75148950	1/2	13	110	29	-	9	7	3	2	DIN2184-1
75149450	9/16	12	110	30	-	11	9	3	2	DIN2184-1
75150150	5/8	11	110	32	-	12	9	3	2	DIN2184-1
75151550	3/4	10	125	34	-	14	11	3	2	DIN2184-1
75152660	7/8	9	140	34	-	18	14,5	3	2	DIN2184-1
75153860	1	8	160	38	-	18	14,5	3	2	DIN2184-1



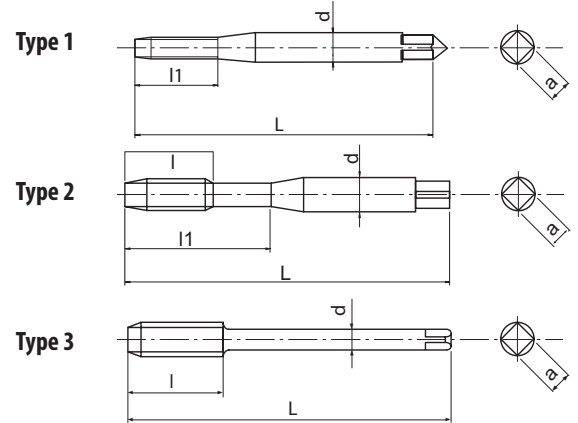
UNC

VA-POT

Threading | Cutting taps | UNF



- HSSE spiral-point cutting tap for through holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels



P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
15-24	10-15	10-15	8-13	8-16	10-15	m/min

UNF	HSSE	 OX	ANSI 2B	 B/4		
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EDP	UNF	P	L	l	l1	d	a	Z	Type	DIN
75146220	6	40	56	-	13	4	3	3	1	DIN2184-1
75146730	10	32	70	-	25	6	4,9	3	2	DIN2184-1
75147240	1/4	28	80	-	30	7	5,5	3	2	DIN2184-1
75147640	5/16	24	90	-	35	8	6,2	3	2	DIN2184-1
75148140	3/8	24	90	-	35	9	7	3	2	DIN2184-1
75148650	7/16	20	100	20	-	8	6,2	3	3	DIN2184-1
75149150	1/2	20	100	22	-	9	7	3	3	DIN2184-1
75149650	9/16	18	100	22	-	11	9	3	3	DIN2184-1
75150450	5/8	18	100	22	-	12	9	3	3	DIN2184-1
75151750	3/4	16	110	25	-	14	11	3	3	DIN2184-1
75152860	7/8	14	125	25	-	18	14,5	3	3	DIN2184-1
75153960	1	12	125	25	-	18	14,5	3	3	DIN2184-1

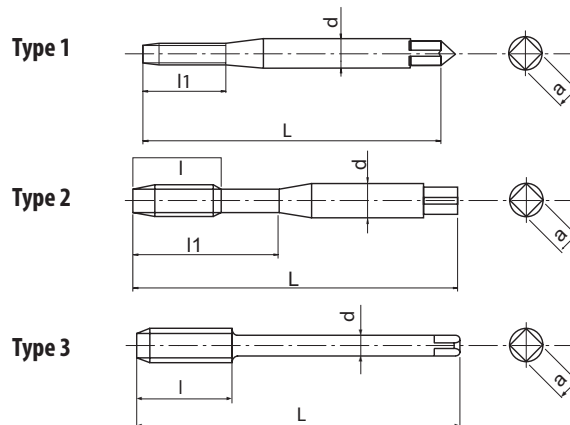


VA-SFT

Threading | Cutting taps | Metric



- HSSE spiral-fluted cutting tap for blind holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels



Threading | Cutting taps

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
10-15	8-14	8-14	7-11	7-12	7-14	m/min

M	HSSE	OX	40°	ISO 2 6H	C/2,5	DIN 371	DIN 376
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EDP	M	P	L	l	l1	d	a	Z	Type	DIN
65312560	2	0,4	45	-	8	2,8	2,1	2	1	DIN371
65312860	2,2	0,45	45	-	9	2,8	2,1	2	1	DIN371
65313360	2,5	0,45	50	-	9	2,8	2,1	2	1	DIN371
65313860	3	0,5	56	-	18	3,5	2,7	3	2	DIN371
65314060	3,5	0,6	56	-	20	4	3	3	2	DIN371
65314460	4	0,7	63	-	21	4,5	3,4	3	2	DIN371
65314960	5	0,8	70	-	25	6	4,9	3	2	DIN371
65315560	6	1	80	-	30	6	4,9	3	2	DIN371
65316160	8	1,25	90	-	35	8	6,2	3	2	DIN371
65316960	10	1,5	100	-	39	10	8	3	2	DIN371
65413860	3	0,5	56	5	-	2,2	-	3	3	DIN376
65414460	4	0,7	63	7	-	2,8	2,1	3	3	DIN376
65414960	5	0,8	70	8	-	3,5	2,7	3	3	DIN376
65415560	6	1	80	10	-	4,5	3,4	3	3	DIN376
65416160	8	1,25	90	13	-	6	4,9	3	3	DIN376
65416960	10	1,5	100	15	-	7	5,5	3	3	DIN376
65417960	12	1,75	110	18	-	9	7	4	3	DIN376
65419160	14	2	110	20	-	11	9	4	3	DIN376
65420260	16	2	110	20	-	12	9	4	3	DIN376
65421460	18	2,5	125	25	-	14	11	4	3	DIN376
65422860	20	2,5	140	25	-	16	12	4	3	DIN376
65423860	22	2,5	140	25	-	18	14,5	4	3	DIN376
65424760	24	3	160	30	-	18	14,5	4	3	DIN376
65426260	27	3	160	30	-	20	16	4	3	DIN376
65427160	30	3,5	180	35	-	22	18	5	3	DIN376
65428160	33	3,5	180	35	-	25	20	5	3	DIN376
65429460	36	4	200	40	-	28	22	5	3	DIN376

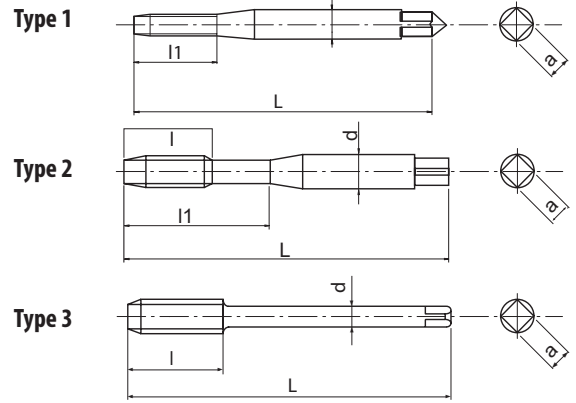
Metric

VA-SFT 6G

Threading | Cutting taps | Metric



- HSSE spiral-fluted cutting tap for blind holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels
- For 6G internal thread tolerance



P	P	P	P	M	K	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	GGG	
10-15	8-14	8-14	7-11	7-12	7-14	m/min

M	HSSE	OX	40°	ISO 3 6G	C/2,5	DIN 371	DIN 376
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EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN
65312599	2	0,4	+0,019	45	-	8	2,8	2,1	2	1	DIN371
65313399	2,5	0,45	+0,020	50	-	9	2,8	2,1	2	1	DIN371
65313899	3	0,5	+0,020	56	-	18	3,5	2,7	3	2	DIN371
65314499	4	0,7	+0,022	63	-	21	4,5	3,4	3	2	DIN371
65314999	5	0,8	+0,024	70	-	25	6	4,9	3	2	DIN371
65315599	6	1	+0,026	80	-	30	6	4,9	3	2	DIN371
65316199	8	1,25	+0,028	90	-	35	8	6,2	3	2	DIN371
65316999	10	1,5	+0,032	100	-	39	10	8	3	2	DIN371
65417999	12	1,75	+0,034	110	18	-	9	7	4	3	DIN376
65419199	14	2	+0,038	110	20	-	11	9	4	3	DIN376
65420299	16	2	+0,038	110	20	-	12	9	4	3	DIN376

Threading | Cutting taps

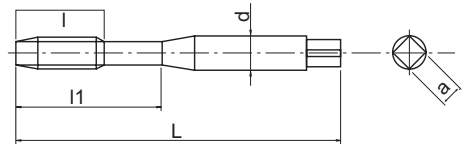


VA-SFT FORM E

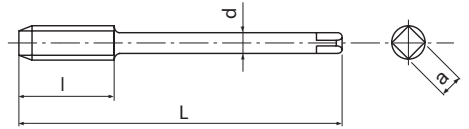
Threading | Cutting taps | Metric



Type 1



Type 2



- HSSE spiral-fluted cutting tap for blind holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels
- Form E chamfer

Threading | Cutting taps

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
10-15	8-14	8-14	7-11	7-12	7-14	m/min

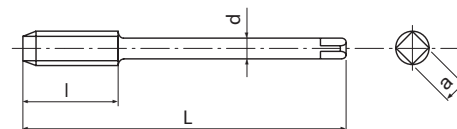
M	HSSE	OX	40°	ISO 2 6H	E/1,5	≥2D	DIN 371	DIN 376
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EDP	M	P	L	l	l1	d	a	Z	Type	DIN
48036138	3	0,5	56	-	18	3,5	2,7	3	1	DIN371
48036144	4	0,7	63	-	21	4,5	3,4	3	1	DIN371
48036149	5	0,8	70	-	25	6	4,9	3	1	DIN371
48036155	6	1	80	-	30	6	4,9	3	1	DIN371
48036161	8	1,25	90	-	35	8	6,2	3	1	DIN371
48036169	10	1,5	100	-	39	10	8	3	1	DIN371
48036179	12	1,75	110	18	-	9	7	3	2	DIN376
48036191	14	2	110	20	-	11	9	3	2	DIN376
48036202	16	2	110	20	-	12	9	3	2	DIN376

Metric

VA-SFT

Threading | Cutting taps | Metric Fine



- HSSE spiral-fluted cutting tap for blind holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
10-15	8-14	8-14	7-11	7-12	7-14	m/min

MF	HSSE	OX	40°	ISO 2 6H	C/2,5	DIN 374
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EDP	MF	P	L	l	d	a	Z	DIN
65513960	3	0,35	56	4	2,2	-	3	DIN374
65514560	4	0,5	63	6	2,8	2,1	3	DIN374
65515160	5	0,5	70	7	3,5	2,7	3	DIN374
65515760	6	0,5	80	8	4,5	3,4	3	DIN374
65515660	6	0,75	80	8	4,5	3,4	3	DIN374
65516360	8	0,75	80	10	6	4,9	3	DIN374
65516260	8	1	90	10	6	4,9	3	DIN374
65517160	10	1	90	12	7	5,5	4	DIN374
65517060	10	1,25	100	12	7	5,5	4	DIN374
65518260	12	1	100	14	9	7	4	DIN374
65518160	12	1,25	100	14	9	7	4	DIN374
65518060	12	1,5	100	14	9	7	4	DIN374
65519260	14	1,5	100	16	11	9	4	DIN374
65520360	16	1,5	100	16	12	9	5	DIN374
65521660	18	1,5	110	20	14	11	5	DIN374
65523060	20	1,5	125	20	16	12	5	DIN374
65524060	22	1,5	125	20	18	14,5	5	DIN374
65525060	24	1,5	140	24	18	14,5	5	DIN374

Threading | Cutting taps

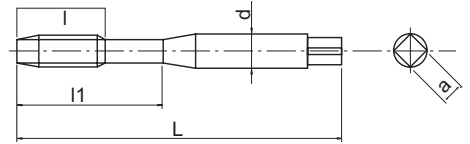
Metric Fine

VA-SFT

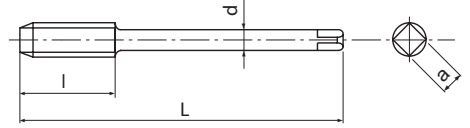
Threading | Cutting taps | UNF



Type 1



Type 2



- HSSE spiral-fluted cutting tap for blind holes
- Steam oxide treatment
- General purpose tapping in steels and stainless steels

Threading | Cutting taps

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	K GGG	
10-15	8-14	8-14	7-11	7-12	7-14	m/min

UNF	HSSE	OX	40°	ANSI 2B	C/2,5	DIN 2184-1	DIN 2184-1
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EDP	UNF	P	L	l	l1	d	a	Z	Type	DIN
75246220	6	40	56	-	20	4	3	3	1	DIN2184-1
75246730	10	32	70	-	25	6	4,9	3	1	DIN2184-1
75247240	1/4	28	80	-	30	7	5,5	3	1	DIN2184-1
75247640	5/16	24	90	-	35	8	6,2	3	1	DIN2184-1
75248140	3/8	24	90	-	35	9	7	3	1	DIN2184-1
75248650	7/16	20	100	15	-	8	6,2	4	2	DIN2184-1
75249150	1/2	20	100	16	-	9	7	4	2	DIN2184-1
75249650	9/16	18	100	17	-	11	9	4	2	DIN2184-1
75250450	5/8	18	100	18	-	12	9	4	2	DIN2184-1
75251750	3/4	16	110	21	-	14	11	4	2	DIN2184-1
75252860	7/8	14	125	23	-	18	14,5	4	2	DIN2184-1
75253960	1	12	125	25	-	18	14,5	5	2	DIN2184-1



UNF

