



General purpose, also suitable for stainless steel

# S-TAP

Volume 1



# Key Features : S-TAP

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1 General purpose

2 Accelerate chip evacuation  
Variable lead flute (PAT.)

3 Also suitable for stainless steel

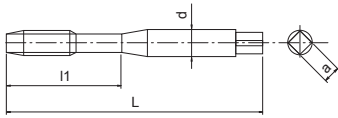
4 Steam oxide surface treatment

5 HSSE

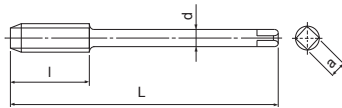
# S-SFT



## Taps



NEW	EDP	M	P	L	l1	d	a	ZΔ	Price
	48223138	3	0,5	56	18	3,5	2,7	3	
	48223144	4	0,7	63	21	4,5	3,4	3	
	48223149	5	0,8	70	25	6	4,9	3	
	48223155	6	1	80	30	6	4,9	3	
	48223161	8	1,25	90	35	8	6,2	3	
	48223169	10	1,5	100	39	10	8	3	

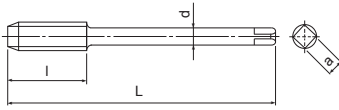


EDP	M	P	L	l	d	a	ZΔ	Price
48223179	12	1,75	110	18	9	7	4	
48223191	14	2	110	20	11	9	4	
48223202	16	2	110	20	12	9	4	
48223214	18	2,5	125	25	14	11	4	
48223228	20	2,5	140	25	16	12	4	
48223238	22	2,5	140	25	18	14,5	4	
48223247	24	3	160	30	18	14,5	4	

ZΔ= Number of flutes - Anzahl Schneiden - Numero di denti - Nombre de lèvres - Liczba ostrzy -  
Antal skær - Antal skär - Numero de ranuras - Число режущих кромок - Kanal sayısı

Applications - Anwendungen - Applicazioni - Applications - Applikation - Applikation - Aplicaciones - Применение - Uygulama - Zastosowania												
C≤0.2%	0.25<C≤0.4%	C≥0.45%	SCM	25~35 HRC	35~45 HRC	45~52 HRC	52~62 HRC	SUS	SKD	SC	GG	GGG
⊙ 15~24 m/min	⊙ 10~15 m/min	⊙ 8~13 m/min	⊙ 10~15 m/min					⊙ 8~16 m/min	○ 10~15 m/min	○ 10~15 m/min		○ 10~15 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
○ 12~17 m/min											○ 10~20 m/min	

## Taps



	EDP	MF	P	L	l	d	a	ZΔ	Price
	48223139	3	0,35	56	4	2,2	-	3	
	48223145	4	0,5	63	5,6	2,8	2,1	3	
	48223151	5	0,5	70	6,4	3,5	2,7	3	
	48223157	6	0,5	80	8	4,5	3,4	3	
	48223156	6	0,75	80	8	4,5	3,4	3	
	48223163	8	0,75	80	10	6	4,9	3	
	48223162	8	1	90	10	6	4,9	3	
	48223167	9	1	90	10	7	5,5	3	
	48223172	10	0,75	90	12	7	5,5	3	
	48223171	10	1	90	12	7	5,5	3	
	48223170	10	1,25	100	12	7	5,5	3	
	48223176	11	1	90	12	8	6,2	3	
	48223182	12	1	100	14	9	7	4	
	48223181	12	1,25	100	14	9	7	4	
	48223180	12	1,5	100	14	9	7	4	
	48223194	14	1	100	16	11	9	4	
	48223193	14	1,25	100	16	11	9	4	
	48223192	14	1,5	100	16	11	9	4	
	48223204	16	1	100	16	12	9	4	
	48223203	16	1,5	100	16	12	9	4	
	48223218	18	1	110	20	14	11	4	
	48223216	18	1,5	110	20	14	11	4	
	48223232	20	1	125	20	16	12	4	
	48223230	20	1,5	125	20	16	12	4	
	48223220	20	2	140	20	16	12	4	
	48223241	22	1	125	20	18	14,5	4	
	48223240	22	1,5	125	20	18	14,5	4	
	48223239	22	2	140	20	18	14,5	4	
	48223251	24	1	140	20	18	14,5	4	
	48223250	24	1,5	140	24	18	14,5	4	
	48223249	24	2	140	24	18	14,5	4	

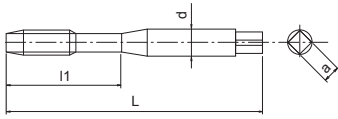
ZΔ= Number of flutes - Anzahl Schneiden - Numero di denti - Nombre de lèvres - Liczba ostrzy -  
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C ≤ 0.2%	0.25 < C ≤ 0.4%	C ≥ 0.45%	SCM	25~35 HRC	35~45 HRC	45~52 HRC	52~62 HRC	SUS	SKD	SC	GG	GGG
15~24 m/min	10~15 m/min	8~13 m/min	10~15 m/min					8~16 m/min	10~15 m/min	10~15 m/min		10~15 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
12~17 m/min											10~20 m/min	

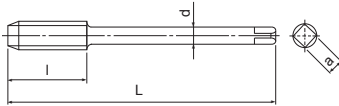
# S-POT



## Taps



NEW	EDP	M	P	L	l1	d	a	ZΔ	Price
	48224138	3	0,5	56	18	3,5	2,7	3	
	48224144	4	0,7	63	21	4,5	3,4	3	
	48224149	5	0,8	70	25	6	4,9	3	
	48224155	6	1	80	30	6	4,9	3	
	48224161	8	1,25	90	35	8	6,2	3	
	48224169	10	1,5	100	39	10	8	3	



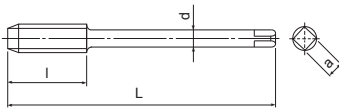
NEW	EDP	M	P	L	l	d	a	ZΔ	Price
	48224179	12	1,75	110	28	9	7	3	
	48224191	14	2	110	30	11	9	3	
	48224202	16	2	110	32	12	9	3	
	48224214	18	2,5	125	34	14	11	3	
	48224228	20	2,5	140	34	16	12	3	
	48224238	22	2,5	140	34	18	14,5	3	
	48224247	24	3	160	38	18	14,5	3	

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⊙ 15~24 m/min	⊙ 10~15 m/min	⊙ 8~13 m/min	⊙ 10~15 m/min					⊙ 8~16 m/min	○ 10~15 m/min	○ 10~15 m/min		○ 10~15 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
○ 12~17 m/min											○ 10~20 m/min	

## Taps

Available soon



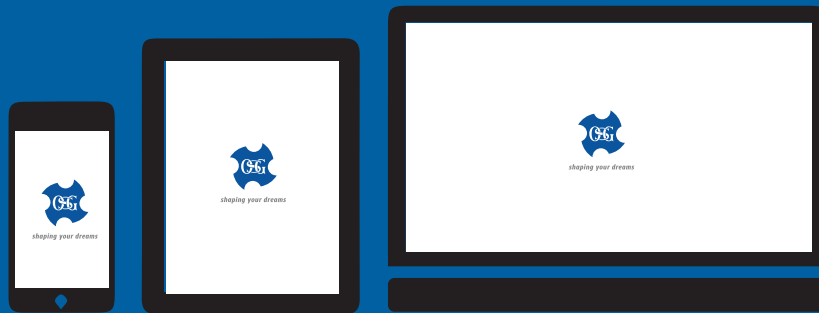
**NEW**

	EDP	MF	P	L	l	d	a	ZΔ	Price
<b>NEW</b>	48224139	3	0,35	56	9	2,2	-	3	
<b>NEW</b>	48224145	4	0,5	63	10	2,8	2,1	3	
<b>NEW</b>	48224151	5	0,5	70	12	3,5	2,7	3	
<b>NEW</b>	48224157	6	0,5	80	14	4,5	3,4	3	
<b>NEW</b>	48224156	6	0,75	80	14	4,5	3,4	3	
<b>NEW</b>	48224163	8	0,75	80	18	6	4,9	3	
<b>NEW</b>	48224162	8	1	90	22	6	4,9	3	
<b>NEW</b>	48224167	9	1	90	22	7	5,5	3	
<b>NEW</b>	48224172	10	0,75	90	20	7	5,5	3	
<b>NEW</b>	48224171	10	1	90	20	7	5,5	3	
<b>NEW</b>	48224170	10	1,25	100	24	7	5,5	3	
<b>NEW</b>	48224176	11	1	90	20	8	6,2	3	
<b>NEW</b>	48224182	12	1	100	22	9	7	3	
<b>NEW</b>	48224181	12	1,25	100	22	9	7	3	
<b>NEW</b>	48224180	12	1,5	100	22	9	7	3	
<b>NEW</b>	48224194	14	1	100	22	11	9	3	
<b>NEW</b>	48224193	14	1,25	100	22	11	9	3	
<b>NEW</b>	48224192	14	1,5	100	22	11	9	3	
<b>NEW</b>	48224204	16	1	100	22	12	9	3	
<b>NEW</b>	48224203	16	1,5	100	22	12	9	3	
<b>NEW</b>	48224218	18	1	110	25	14	11	3	
<b>NEW</b>	48224216	18	1,5	110	25	14	11	3	
<b>NEW</b>	48224232	20	1	125	25	16	12	3	
<b>NEW</b>	48224230	20	1,5	125	25	16	12	3	
<b>NEW</b>	48224220	20	2	140	34	16	12	3	
<b>NEW</b>	48224241	22	1	125	25	18	14,5	3	
<b>NEW</b>	48224240	22	1,5	125	25	18	14,5	3	
<b>NEW</b>	48224239	22	2	140	34	18	14,5	3	
<b>NEW</b>	48224251	24	1	140	28	18	14,5	3	
<b>NEW</b>	48224250	24	1,5	140	28	18	14,5	3	
<b>NEW</b>	48224249	24	2	140	28	18	14,5	3	

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Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
○ 12~17 m/min											○ 10~20 m/min	

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