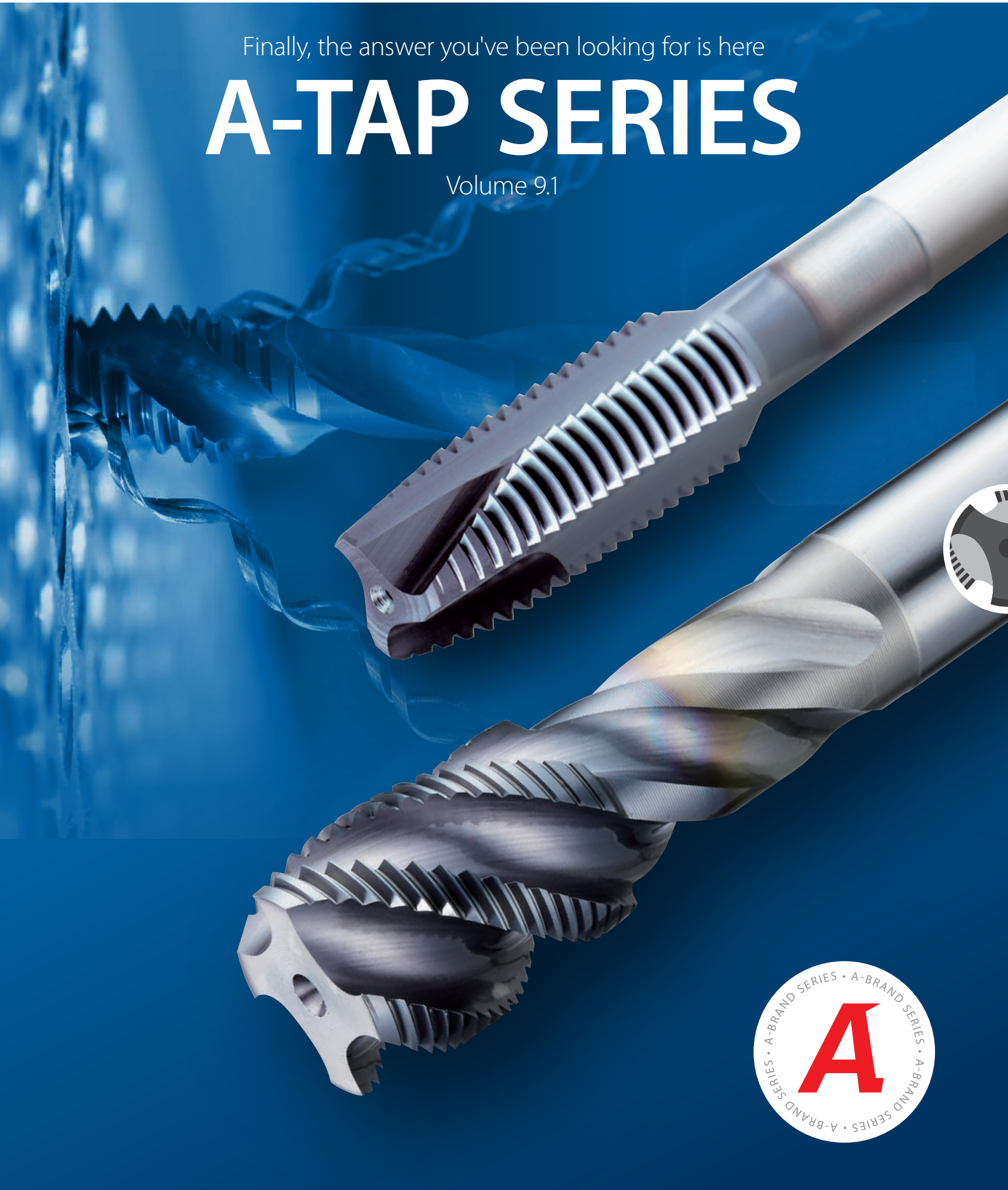
Finally, the answer you've been looking for is here

A-TAP SERIES

Volume 9.1



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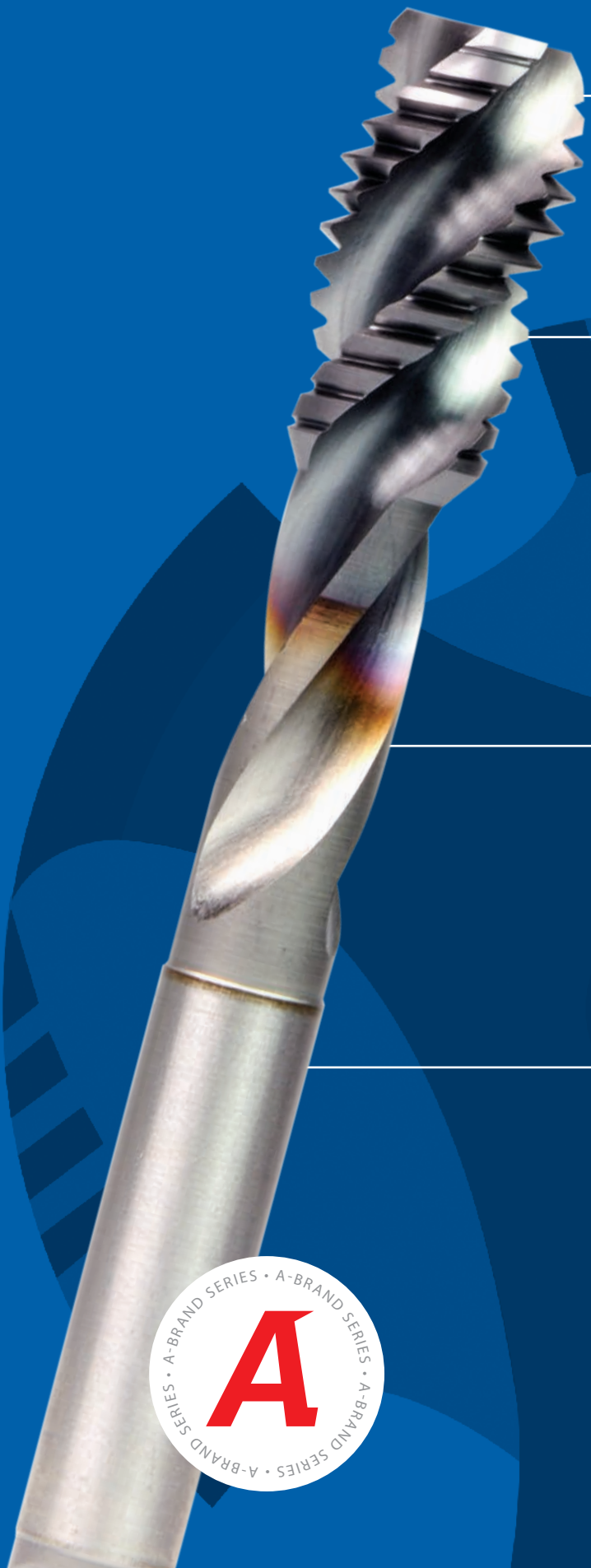
Finally, the answer you've been looking for is here...



1. Stabilize chip shape
   Sharp cutting edge
2. Accelerate chip evacuation
   Variable lead flute (PAT.)
3. High wear resistance
   V coating
4. High wear resistance
   Powder Metallurgy HSS (CPM)

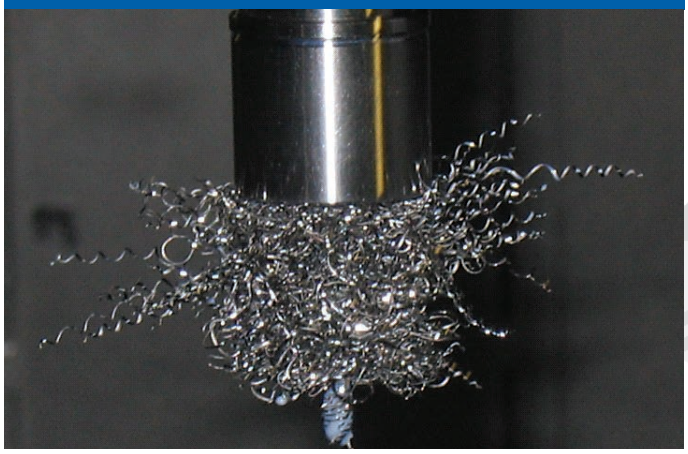
A-BRAND SERIES • A-BRAND SERIES • A-BRAND SERIES • A-BRAND SERIES •

OSG'S NEW PREMIUM BRAND "A-TAP SERIES"

The answer for your troubles lies here
Most of tapping troubles are caused by unstable chip evacuation.
A-TAP Series resolve such troubles and apply to a wide range of work materials and cutting speed.

Tapping Troubles	
N°1 breakage and chipping	**26 %**
N°2 dimensional error	**17 %**
N°3 galling	**14 %**
Others	**43 %**

Main factor is chip packing

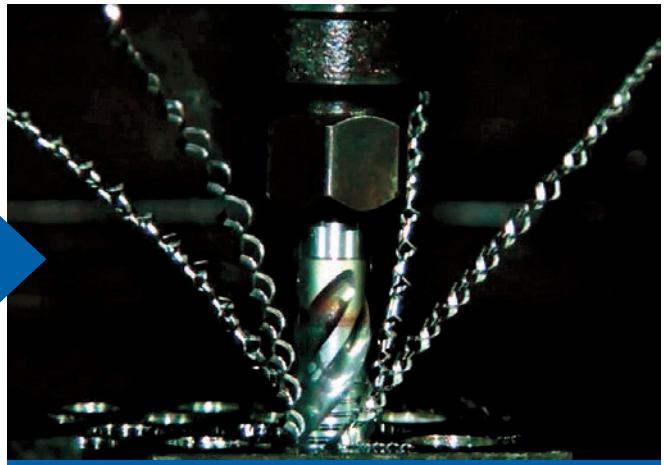




The biggest advantage of A-TAP Series:
THE BEST CHIP EVACUATION



Conventional Tap



A-SFT

Applies to a wide variety of work materials

Even to mild steel and stainless steel

NO GALLING



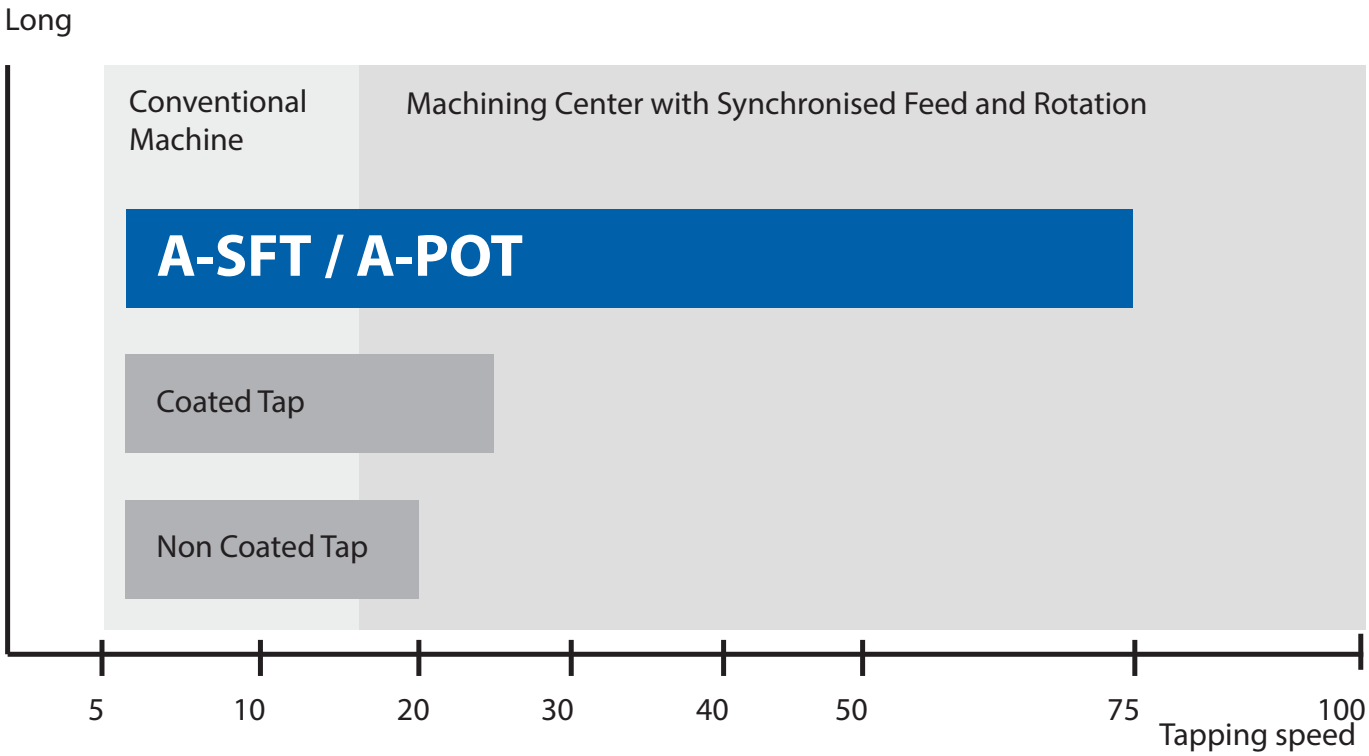
Work material mild steel



Work material stainless steel

High performance in machining center

Applies to a wide cutting range



- It is a image of tapping in medium and high carbon steel with water soluble coolant.
- Machining center with synchronized feed and rotation is recommended for more than 15m/min.
- As the best speed varies by tapping condition, please find it by trials.

SUS304

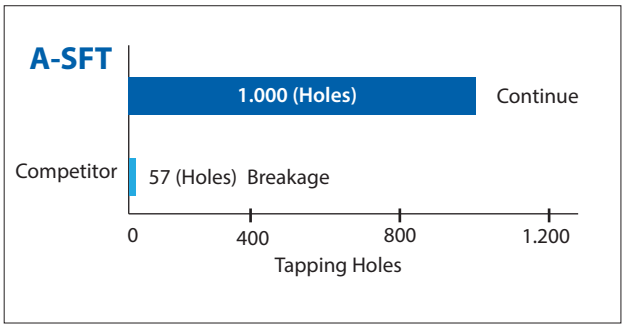
Deep Hole Tapping (2D) in stainless steel

High performance achieved in stainless steel with water soluble oil



■ Cutting edge after 1.000 holes tapping

Tool	A-SFT M8x1,25
Work Material	SUS304
Hole Size	Ø6,8x22mm (Blind)
Tapping Length	16mm (2D)
Tapping Speed	10m/min (398min^{-1})
Coolant	Water Soluble Chrorine-Free (10%)
Machine	Vertical Synchronized Machining Center

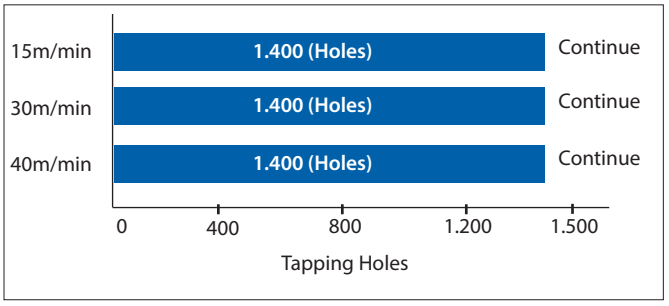


S45C

High speed tapping by machining center

Tapping operation in 15,30,40m/min are all stable

Tool	A-SFT M6x1
Work Material	S45C
Hole Size	Ø5x16mm (Blind)
Tapping Length	12mm (2D)
Coolant	Water Soluble Chrorine-Free (10%)
Machine	Vertical Synchronized Machining Center



■ Cutting edge after 1.400 holes Tapping



15m/min

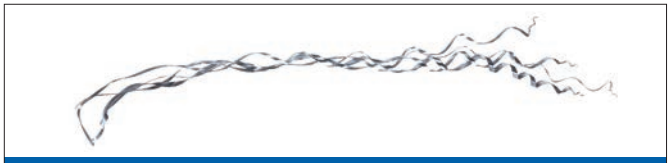


30m/min

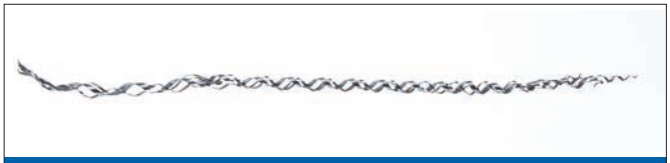


40m/min

■ Chip generated in 40m/min



Conventional Tap



A-SFT

A-SFT

Threading | Cutting taps | Metric



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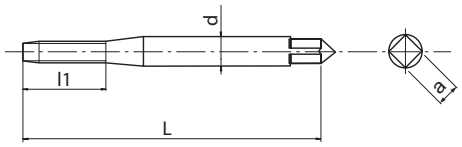

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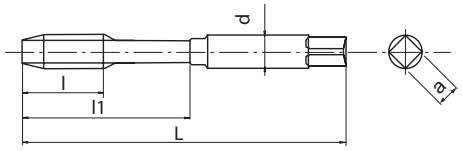

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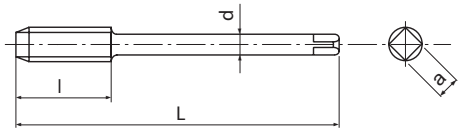


- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

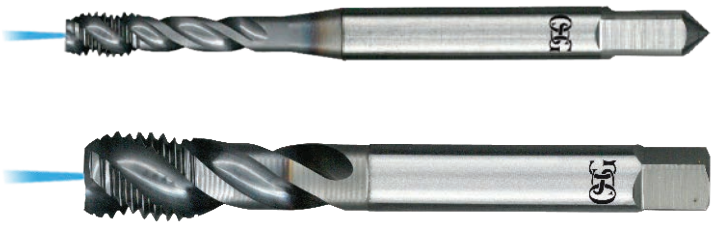
A	M	PM	V	45°	ISO 2 6HX	C/2,5		DIN 371	DIN 376

* Tolerance 5HX

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
*48139111	1	0.25	40	-	5	2,5	2,1	2	1	DIN371	
*48139112	1,1	0.25	40	-	5	2,5	2,1	2	1	DIN371	
*48139113	1,2	0,25	40	-	5	2,5	2,1	2	1	DIN371	
*48139115	1,4	0,3	40	-	6	2,5	2,1	2	1	DIN371	
48139118	1,6	0,35	40	-	7	2,5	2,1	2	1	DIN371	
48139119	1,7	0,35	40	-	8	2,5	2,1	2	1	DIN371	
48139120	1,8	0,35	40	-	8	2,5	2,1	2	1	DIN371	
48139125	2	0,4	45	3,2	10	2,8	2,1	2	2	DIN371	
48139127	2,2	0,45	45	3,6	11	2,8	2,1	2	2	DIN371	
48139128	2,3	0,4	45	3,6	12	2,8	2,1	2	2	DIN371	
48139133	2,5	0,45	50	3,6	13	2,8	2,1	2	2	DIN371	
48139136	2,6	0,45	50	3,6	13	2,8	2,1	2	2	DIN371	
48139138	3	0,5	56	4	18	3,5	2,7	3	2	DIN371	
48139142	3,5	0,6	56	4,8	20	4	3	3	2	DIN371	
48139144	4	0,7	63	5,6	21	4,5	3,4	3	2	DIN371	
48139147	4,5	0,75	70	6	25	6	4,9	3	2	DIN371	
48139149	5	0,8	70	6,4	25	6	4,9	3	2	DIN371	
48139152	5,5	0,9	80	7,2	30	6	4,9	3	2	DIN371	
48139155	6	1	80	8	30	6	4,9	3	2	DIN371	
48139158	7	1	80	8	30	7	5,5	3	2	DIN371	
48139161	8	1,25	90	10	35	8	6,2	3	2	DIN371	
48139165	9	1,25	90	10	35	9	7	3	2	DIN371	
48139169	10	1,5	100	12	39	10	8	3	2	DIN371	
48139139	3	0,5	56	4	-	2,2	-	3	3	DIN376	
48139185	4	0,7	63	5,6	-	2,8	2,1	3	3	DIN376	
48139150	5	0,8	70	6,4	-	3,5	2,7	3	3	DIN376	
48139187	6	1	80	8	-	4,5	3,4	3	3	DIN376	
48139159	7	1	80	8	-	5,5	4,3	3	3	DIN376	
48139188	8	1,25	90	10	-	6	4,9	3	3	DIN376	
48139166	9	1,25	90	10	-	7	5,5	3	3	DIN376	
48139189	10	1,5	100	12	-	7	5,5	3	3	DIN376	
48139175	11	1,5	100	12	-	8	6,2	3	3	DIN376	
48139179	12	1,75	110	14	-	9	7	3	3	DIN376	
48139191	14	2	110	16	-	11	9	3	3	DIN376	
48139202	16	2	110	16	-	12	9	3	3	DIN376	
48139214	18	2,5	125	25	-	14	11	4	3	DIN376	
48139228	20	2,5	140	25	-	16	12	4	3	DIN376	
48139238	22	2,5	140	25	-	18	14,5	4	3	DIN376	
48139247	24	3	160	30	-	18	14,5	4	3	DIN376	

A-OIL-SFT

Threading | Cutting taps | Metric



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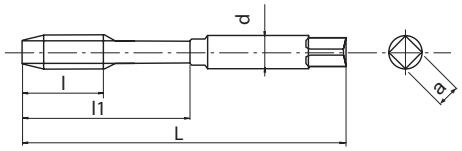

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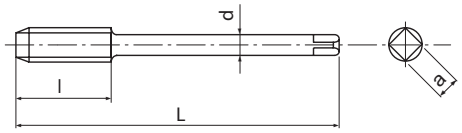

- First choice in quality and performance
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- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Centre through coolant

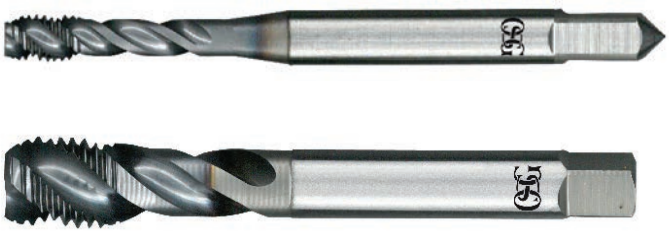
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	ISO 2 6HX	C/2,5			DIN 371	DIN 376

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48140155	6	1	80	8	30	6	4,9	3	1	DIN371	
48140161	8	1,25	90	10	35	8	6,2	3	1	DIN371	
48140169	10	1,5	100	12	39	10	8	3	1	DIN371	
48140179	12	1,75	110	14	-	9	7	3	2	DIN376	
48140191	14	2	110	16	-	11	9	3	2	DIN376	
48140202	16	2	110	16	-	12	9	3	2	DIN376	
48140214	18	2,5	125	25	-	14	11	4	2	DIN376	
48140228	20	2,5	140	25	-	16	12	4	2	DIN376	
48140238	22	2,5	140	25	-	18	14,5	4	2	DIN376	
48140247	24	3	160	30	-	18	14,5	4	2	DIN376	
48140262	27	3	160	36	-	20	16	4	2	DIN376	
48140271	30	3,5	180	42	-	22	18	4	2	DIN376	
48140281	33	3,5	180	42	-	25	20	4	2	DIN376	
48140294	36	4	200	48	-	28	22	4	2	DIN376	
48140304	39	4	200	48	-	32	24	4	2	DIN376	
48140314	42	4,5	200	54	-	32	24	4	2	DIN376	
48140319	45	4,5	220	54	-	36	29	4	2	DIN376	
48140325	48	5	250	60	-	36	29	4	2	DIN376	
48140337	52	5	250	60	-	40	32	4	2	DIN376	
48140347	56	5,5	250	66	-	40	32	4	2	DIN376	

A-SFT 6GX

Threading | Cutting taps | Metric



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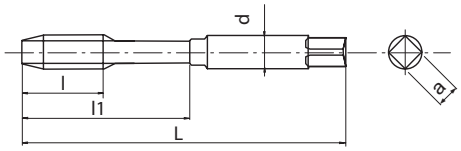

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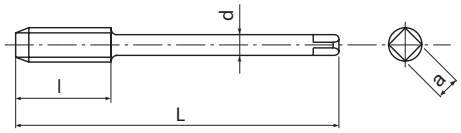

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- High speed tapping in general steels, aluminium, stainless steels
- For 6G internal thread tolerance

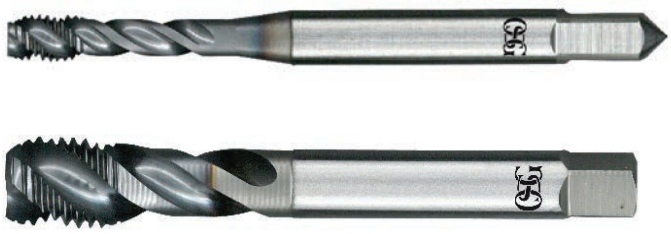
P ◉ C <0,2%	P ◉ 0,25<C<0,4	P ◉ C>0.45%	P ◉ SCM	M ◉ INOX	N ○ Al	N ○ AC,ADC	S ○ Ti	H ○ 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	ISO 3 6GX	C/2,5		DIN 371	DIN 376

EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN	Price
48201125	2	0,4	+0,019	45	3,2	10	2,8	2,1	2	1	DIN371	
48201133	2,5	0,45	+0,020	50	3,6	13	2,8	2,1	2	1	DIN371	
48201138	3	0,5	+0,020	56	4	18	3,5	2,7	3	1	DIN371	
48201144	4	0,7	+0,022	63	5,6	21	4,5	3,4	3	1	DIN371	
48201149	5	0,8	+0,024	70	6,4	25	6	4,9	3	1	DIN371	
48201155	6	1	+0,026	80	8	30	6	4,9	3	1	DIN371	
48201161	8	1,25	+0,028	90	10	35	8	6,2	3	1	DIN371	
48201169	10	1,5	+0,032	100	12	39	10	8	3	1	DIN371	
48201179	12	1,75	+0,034	110	14	-	9	7	3	2	DIN376	
48201202	16	2	+0,038	110	16	-	12	9	3	2	DIN376	

A-SFT 7GX

Threading | Cutting taps | Metric



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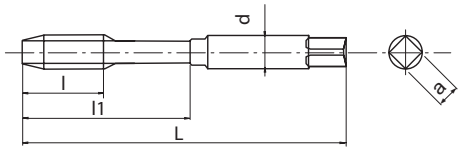

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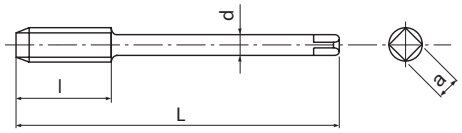

- First choice in quality and performance
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- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 7G internal thread tolerance

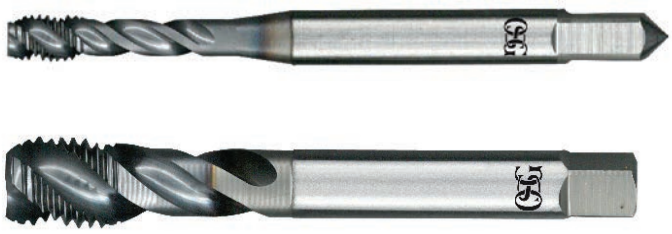
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	7GX	C/2,5		DIN 371	DIN 376

EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN	Price
48202125	2	0,4	+0,038	45	3,2	10	2,8	2,1	2	1	DIN371	
48202133	2,5	0,45	+0,040	50	3,6	13	2,8	2,1	2	1	DIN371	
48202138	3	0,5	+0,040	56	4	18	3,5	2,7	3	1	DIN371	
48202144	4	0,7	+0,044	63	5,6	21	4,5	3,4	3	1	DIN371	
48202149	5	0,8	+0,048	70	6,4	25	6	4,9	3	1	DIN371	
48202155	6	1	+0,052	80	8	30	6	4,9	3	1	DIN371	
48202161	8	1,25	+0,056	90	10	35	8	6,2	3	1	DIN371	
48202169	10	1,5	+0,064	100	12	39	10	8	3	1	DIN371	
48202179	12	1,75	+0,068	110	14	-	9	7	3	2	DIN376	
48202202	16	2	+0,076	110	16	-	12	9	3	2	DIN376	

A-SFT FORM E

Threading | Cutting taps | Metric



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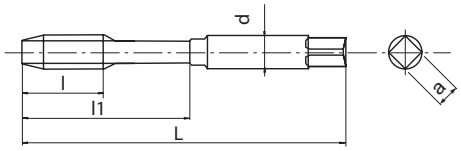
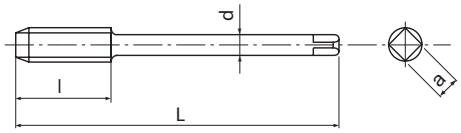


Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Form E chamfer

P ◉ C <0,2%	P ◉ 0,25<C<0,4	P ◉ C>0.45%	P ◉ SCM	M ◉ INOX	N ○ Al	N ○ AC,ADC	S ○ Ti	H ○ 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	ISO 2 6HX	E/1,5		DIN 371	DIN 376

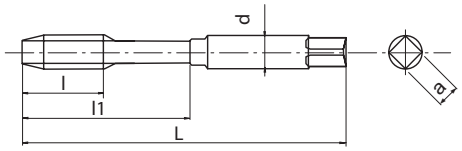
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48203138	3	0,5	56	4	18	3,5	2,7	3	1	DIN371	
48203144	4	0,7	63	5,6	21	4,5	3,4	3	1	DIN371	
48203149	5	0,8	70	6,4	25	6	4,9	3	1	DIN371	
48203155	6	1	80	8	30	6	4,9	3	1	DIN371	
48203161	8	1,25	90	10	35	8	6,2	3	1	DIN371	
48203169	10	1,5	100	12	39	10	8	3	1	DIN371	
48203179	12	1,75	110	14	-	9	7	3	2	DIN376	
48203191	14	2	110	16	-	11	9	3	2	DIN376	
48203202	16	2	110	16	-	12	9	3	2	DIN376	

A-SFT+0.1

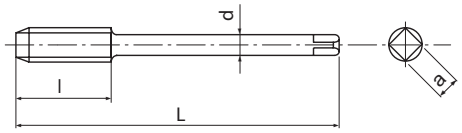
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Oversized tap for 6H +0,1mm thread tolerance

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	6H +0.1	C/2,5		DIN 371	DIN 376

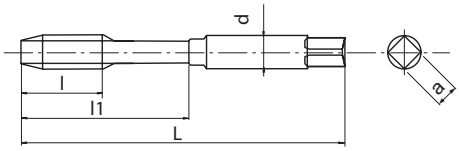
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48204138	3	0,5	56	4	18	3,5	2,7	3	1	DIN371	
48204144	4	0,7	63	5,6	21	4,5	3,4	3	1	DIN371	
48204149	5	0,8	70	6,4	25	6	4,9	3	1	DIN371	
48204155	6	1	80	8	30	6	4,9	3	1	DIN371	
48204161	8	1,25	90	10	35	8	6,2	3	1	DIN371	
48204169	10	1,5	100	12	39	10	8	3	1	DIN371	
48204179	12	1,75	110	14	-	9	7	3	2	DIN376	
48204202	16	2	110	16	-	12	9	3	2	DIN376	

A-LT-SFT

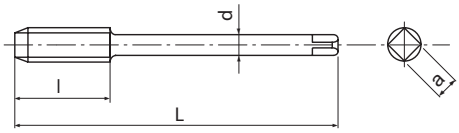
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With long shank for long reach threading

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-25	15-25	10-25	8-20	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	ISO 2 6HX	C/2,5	

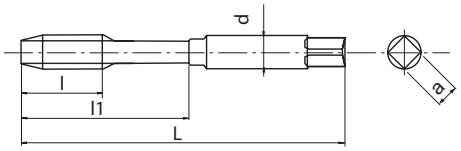
EDP	M	P	L	l	l1	d	a	Z	Type	Price
48208125	2	0,4	80	3,2	10	2,8	2,1	2	1	
48208133	2,5	0,45	100	3,6	13	2,8	2,1	2	1	
48208138	3	0,5	100	4	18	3,5	2,7	3	1	
48208144	4	0,7	125	5,6	21	4,5	3,4	3	1	
48208149	5	0,8	160	6,4	25	6	4,9	3	1	
48208155	6	1	160	8	30	6	4,9	3	1	
48208161	8	1,25	180	10	35	8	6,2	3	1	
48208169	10	1,5	200	12	39	10	8	3	1	
48209155	6	1	160	10	-	4,5	3,4	3	2	
48209161	8	1,25	180	11	-	6	4,9	3	2	
48209169	10	1,5	200	14	-	7	5,5	3	2	
48209179	12	1,75	200	14	-	9	7	3	2	
48209191	14	2	200	16	-	11	9	3	2	
48209202	16	2	200	16	-	12	9	3	2	
48209214	18	2,5	200	25	-	14	11	4	2	
48209228	20	2,5	200	25	-	16	12	4	2	

A-SFT-LH

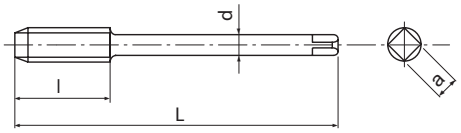
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For left-hand threads

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

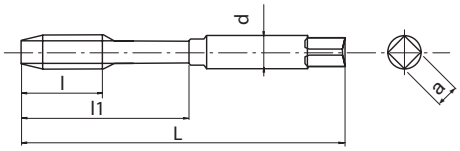
A	M	PM	V	45°	ISO 2 6HX	C/2,5		DIN 371	DIN 376	LH

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48217138	3	0,5	56	4	18	3,5	2,7	3	1	DIN371	
48217144	4	0,7	63	5,6	21	4,5	3,4	3	1	DIN371	
48217149	5	0,8	70	6,4	25	6	4,9	3	1	DIN371	
48217155	6	1	80	8	30	6	4,9	3	1	DIN371	
48217161	8	1,25	90	10	35	8	6,2	3	1	DIN371	
48217169	10	1,5	100	12	39	10	8	3	1	DIN371	
48217179	12	1,75	110	14	-	9	7	3	2	DIN376	
48217191	14	2	110	16	-	11	9	3	2	DIN376	
48217202	16	2	110	16	-	12	9	3	2	DIN376	
48217214	18	2,5	125	25	-	14	11	4	2	DIN376	
48217228	20	2,5	140	25	-	16	12	4	2	DIN376	
48217238	22	2,5	140	25	-	18	14,5	4	2	DIN376	
48217247	24	3	160	30	-	18	14,5	4	2	DIN376	

A-SFT-HB Weldon

Threading | Cutting taps | Metric





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With Weldon shank

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	45°	ISO 2 6HX	C/2,5		DIN 371	DIN 1835	HB

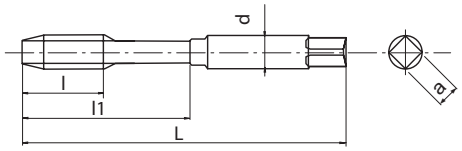
EDP	M	P	L	l	l1	d	a	Z	DIN	Price
48220138	3	0,5	56	4	18	6	4,9	3	DIN371/1835	
48220144	4	0,7	63	5,6	21	6	4,9	3	DIN371/1835	
48220149	5	0,8	70	6,4	25	6	4,9	3	DIN371/1835	
48220155	6	1	80	8	30	6	4,9	3	DIN371/1835	
48220161	8	1,25	90	10	35	8	6,2	3	DIN371/1835	
48220169	10	1,5	100	12	39	10	8	3	DIN371/1835	
48220179	12	1,75	110	14	46	12	9	3	DIN371/1835	
48220191	14	2	110	16	49	14	11	3	DIN371/1835	
48220202	16	2	110	16	56	16	12	3	DIN371/1835	

A-SFT

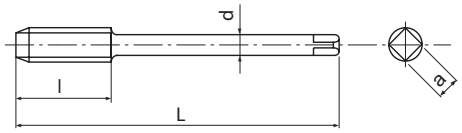
Threading | Cutting taps | Metric Fine



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

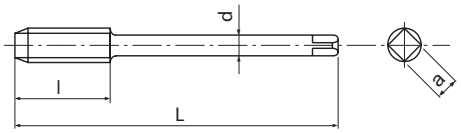
A	MF	PM	V	45°	ISO 2 6HX	C/2,5		DIN 371	DIN 374

EDP	MF	P	L	l	l1	d	a	Z	Type	DIN	Price
48139135	2,5	0,35	50	3,6	13	2,8	2,1	2	1	DIN371	
48139137	2,6	0,35	50	3,6	13	2,8	2,1	2	1	DIN371	
48139141	3	0,35	56	4	18	3,5	2,7	3	1	DIN371	
48139143	3,5	0,35	56	4,8	20	4	3	3	1	DIN371	
48139145	4	0,5	63	5,6	21	4,5	3,4	3	1	DIN371	
48139146	4	0,35	63	5,6	21	4,5	3,4	3	1	DIN371	
48139148	4,5	0,5	70	6	25	6	4,9	3	1	DIN371	
48139151	5	0,5	70	6,4	25	6	4,9	3	1	DIN371	
48139601	6	0,75	80	8	30	6	4,9	3	1	DIN371	
48139602	6	0,5	80	8	30	6	4,9	3	1	DIN371	
48139160	7	0,75	80	8	30	7	5,5	3	1	DIN371	
48139603	8	1	90	10	35	8	6,2	3	1	DIN371	
48139604	8	0,75	80	10	35	8	6,2	3	1	DIN371	
48139605	9	1	90	10	35	9	7	3	1	DIN371	
48139606	10	1,25	100	12	39	10	8	3	1	DIN371	
48139607	10	1	90	12	35	10	8	3	1	DIN371	
48139608	10	0,75	90	12	35	10	8	3	1	DIN371	
48139156	6	0,75	80	8	-	4,5	3,4	3	2	DIN374	
48139157	6	0,5	80	8	-	4,5	3,4	3	2	DIN374	
48139162	8	1	90	10	-	6	4,9	3	2	DIN374	
48139163	8	0,75	80	8	-	6	4,9	3	2	DIN374	
48139167	9	1	90	10	-	7	5,5	3	2	DIN374	
48139170	10	1,25	100	12	-	7	5,5	3	2	DIN374	
48139171	10	1	90	10	-	7	5,5	3	2	DIN374	
48139172	10	0,75	90	10	-	7	5,5	3	2	DIN374	
48139176	11	1	90	12	-	8	6,2	3	2	DIN374	
48139180	12	1,5	100	14	-	9	7	3	2	DIN374	
48139181	12	1,25	100	12	-	9	7	3	2	DIN374	
48139182	12	1	100	12	-	9	7	3	2	DIN374	
48139192	14	1,5	100	16	-	11	9	3	2	DIN374	
48139193	14	1,25	100	16	-	11	9	3	2	DIN374	
48139194	14	1	100	16	-	11	9	3	2	DIN374	
48139203	16	1,5	100	16	-	12	9	3	2	DIN374	
48139204	16	1	100	16	-	12	9	3	2	DIN374	
48139216	18	1,5	110	16	-	14	11	4	2	DIN374	
48139218	18	1	110	16	-	14	11	4	2	DIN374	
48139220	20	2	140	25	-	16	12	4	2	DIN374	
48139230	20	1,5	125	16	-	16	12	4	2	DIN374	
48139232	20	1	125	16	-	16	12	4	2	DIN374	
48139239	22	2	140	25	-	18	14,5	4	2	DIN374	
48139240	22	1,5	125	16	-	18	14,5	4	2	DIN374	
48139241	22	1	125	16	-	18	14,5	4	2	DIN374	
48139249	24	2	140	30	-	18	14,5	4	2	DIN374	
48139250	24	1,5	140	16	-	18	14,5	4	2	DIN374	
48139251	24	1	140	16	-	18	14,5	4	2	DIN374	

A-OIL-SFT

Threading | Cutting taps | Metric Fine





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Centre through coolant

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

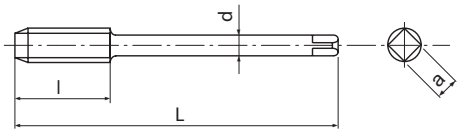
A	MF	PM	V	45°	ISO 2 6HX	C/2,5			DIN 374

EDP	MF	P	L	l	d	a	Z	DIN	Price
48140162	8	1	90	10	6	4,9	3	DIN374	
48140171	10	1	90	10	7	5,5	3	DIN374	
48140170	10	1,25	100	12	7	5,5	3	DIN374	
48140180	12	1,5	100	14	9	7	3	DIN374	
48140192	14	1,5	100	16	11	9	3	DIN374	
48140203	16	1,5	100	16	12	9	3	DIN374	
48140216	18	1,5	110	16	14	11	4	DIN374	
48140230	20	1,5	125	16	16	12	4	DIN374	

A-SFT 6GX

Threading | Cutting taps | Metric Fine





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 6G internal thread tolerance

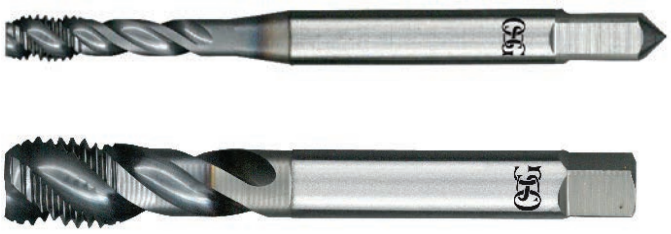
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	MF	PM	V	45°	ISO 3 6GX	C/2,5		DIN 374

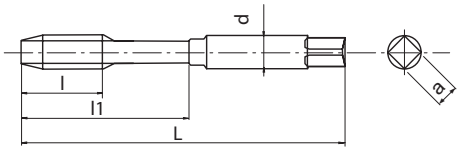
EDP	MF	P	oversize	L	l	d	a	Z	DIN	Price
48201156	6	0,75	+0,022	80	8	4,5	3,4	3	DIN374	
48201162	8	1	+0,026	90	10	6	4,9	3	DIN374	
48201163	8	0,75	+0,022	80	8	6	4,9	3	DIN374	
48201170	10	1,25	+0,028	100	12	7	5,5	3	DIN374	
48201171	10	1	+0,026	90	10	7	5,5	3	DIN374	
48201180	12	1,5	+0,032	100	14	9	7	3	DIN374	
48201181	12	1,25	+0,028	100	12	9	7	3	DIN374	
48201182	12	1	+0,026	100	12	9	7	3	DIN374	
48201192	14	1,5	+0,032	100	16	11	9	3	DIN374	
48201203	16	1,5	+0,032	100	16	12	9	3	DIN374	
48201216	18	1,5	+0,032	110	16	14	11	4	DIN374	
48201230	20	1,5	+0,032	125	16	16	12	4	DIN374	
48201240	22	1,5	+0,032	125	16	18	14,5	4	DIN374	
48201250	24	1,5	+0,032	140	16	18	14,5	4	DIN374	

A-SFT

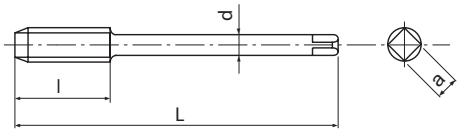
Threading | Cutting taps | UNC



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

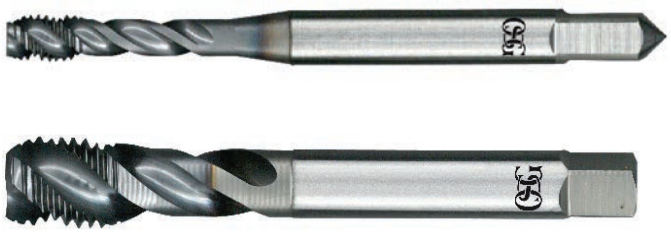
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	UNC	PM	V	45°	ANSI 2BX	C/2,5		DIN 2184-1	DIN 2184-1

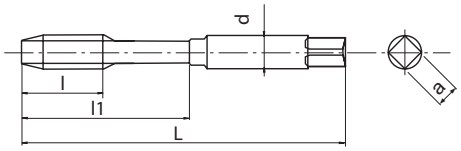
EDP	UNC	P	L	l	l1	d	a	Z	Type	DIN	Price
48139453	2	56	45	3,6	11	2,8	2,1	2	1	DIN2184-1	
48139455	3	48	50	3,6	13	2,8	2,1	2	1	DIN2184-1	
48139457	4	40	56	5,1	18	3,5	2,7	2	1	DIN2184-1	
48139459	5	40	56	5,1	18	3,5	2,7	2	1	DIN2184-1	
48139461	6	32	56	6,4	20	4	3	2	1	DIN2184-1	
48139464	8	32	63	6,4	21	4,5	3,4	2	1	DIN2184-1	
48139466	10	24	70	8,5	25	6	4,9	2	1	DIN2184-1	
48139468	12	24	80	8,5	30	6	4,9	2	1	DIN2184-1	
48139471	1/4	20	80	10,2	30	7	5,5	2	1	DIN2184-1	
48139474	5/16	18	90	11,3	35	8	6,2	3	1	DIN2184-1	
48139479	3/8	16	100	12,7	39	10	8	3	1	DIN2184-1	
48139484	7/16	14	100	14,5	-	8	6,2	3	2	DIN2184-1	
48139489	1/2	13	110	15,6	-	9	7	3	2	DIN2184-1	
48139494	9/16	12	110	16,9	-	11	9	3	2	DIN2184-1	
48139501	5/8	11	110	18,5	-	12	9	3	2	DIN2184-1	
48139515	3/4	10	125	25,4	-	14	11	4	2	DIN2184-1	
48139526	7/8	9	140	28,2	-	18	14,5	4	2	DIN2184-1	
48139538	1	8	160	31,8	-	18	14,5	4	2	DIN2184-1	

A-SFT

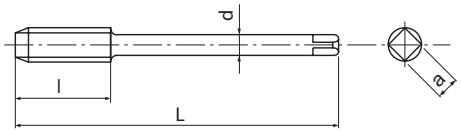
Threading | Cutting taps | UNF



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

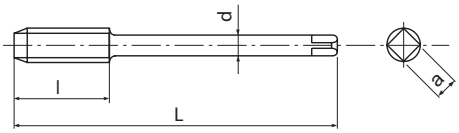
A	UNF	PM	V	45°	ANSI 2BX	C/2,5		DIN 2184-1	DIN 2184-1

EDP	UNF	P	L	l	l1	d	a	Z	Type	DIN	Price
48139454	2	64	45	3,6	11	2,8	2,1	2	1	DIN2184-1	
48139456	3	56	50	3,6	13	2,8	2,1	2	1	DIN2184-1	
48139458	4	48	56	5,1	18	3,5	2,7	2	1	DIN2184-1	
48139460	5	44	56	5,1	18	3,5	2,7	2	1	DIN2184-1	
48139462	6	40	56	6,4	20	4	3	2	1	DIN2184-1	
48139465	8	36	63	6,4	21	4,5	3,4	2	1	DIN2184-1	
48139467	10	32	70	8,5	25	6	4,9	2	1	DIN2184-1	
48139469	12	28	80	8,5	30	6	4,9	2	1	DIN2184-1	
48139472	1/4	28	80	10,2	30	7	5,5	2	1	DIN2184-1	
48139476	5/16	24	90	11,3	35	8	6,2	3	1	DIN2184-1	
48139481	3/8	24	90	12,7	35	10	8	3	1	DIN2184-1	
48139486	7/16	20	100	14,5	-	8	6,2	3	2	DIN2184-1	
48139491	1/2	20	100	15,6	-	9	7	3	2	DIN2184-1	
48139496	9/16	18	100	16,9	-	11	9	3	2	DIN2184-1	
48139504	5/8	18	100	18,5	-	12	9	3	2	DIN2184-1	
48139517	3/4	16	110	25,4	-	14	11	4	2	DIN2184-1	
48139528	7/8	14	125	28,2	-	18	14,5	4	2	DIN2184-1	
48139539	1	12	140	31,8	-	18	14,5	4	2	DIN2184-1	

A-SFT

Threading | Cutting taps | G (BSP)





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

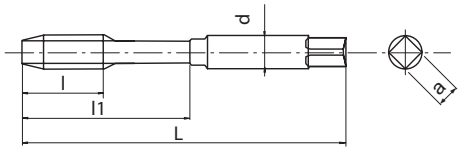
A	G	PM	V	45°	C/2,5		DIN 5156

EDP	G	P	L	l	d	a	Z	DIN	Price
48139900	1/8	28	90	20	7	5,5	3	DIN5156	
48139000	1/4	19	100	22	11	9	3	DIN5156	
48139100	3/8	19	100	22	12	9	4	DIN5156	
48139200	1/2	14	125	25	16	12	4	DIN5156	
48139300	5/8	14	125	25	18	14,5	4	DIN5156	
48139400	3/4	14	140	28	20	16	4	DIN5156	
48139500	7/8	14	150	28	22	18	4	DIN5156	
48139600	1	11	160	30	25	20	4	DIN5156	

A-SFT

Threading | Cutting taps | BSW





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

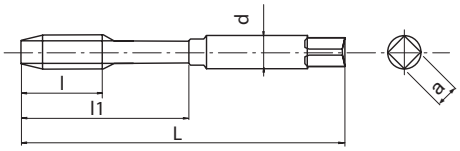
A	BSW	PM	V	MED	C/2,5		DIN 2184-1

EDP	BSW	TPI	L	l	l1	d	a	Z	DIN	Price
48139702	1/8	40	56	7	18	3,5	2,7	2	DIN2184-1	
48139704	3/16	24	70	10	25	6	4,9	2	DIN2184-1	
48139706	1/4	20	80	13	30	7	5,5	2	DIN2184-1	
48139707	5/16	18	90	14	35	8	6,2	3	DIN2184-1	
48139708	3/8	16	100	16	39	10	8	3	DIN2184-1	
48139709	7/16	14	100	22	-	8	6,2	3	DIN2184-1	
48139710	1/2	12	110	25	-	9	7	3	DIN2184-1	
48139712	5/8	11	110	27	-	12	9	3	DIN2184-1	
48139713	3/4	10	125	30	-	14	11	4	DIN2184-1	
48139714	7/8	9	140	32	-	18	14,5	4	DIN2184-1	
48139715	1	8	160	36	-	18	14,5	4	DIN2184-1	

A-SFT

Threading | Cutting taps | BSF





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

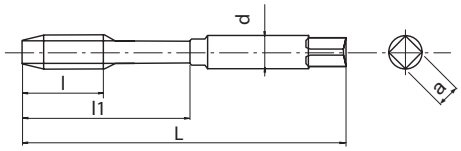
A	BSF	PM	V	MED	C/2,5		DIN 2184-1

EDP	BSF	TPI	L	l	l1	d	a	Z	DIN	Price
48139731	1/4	26	80	17	30	7	5,5	3	DIN2184-1	
48139732	5/16	22	90	17	35	8	6,2	3	DIN2184-1	
48139733	3/8	20	100	18	39	10	8	3	DIN2184-1	
48139734	7/16	18	100	22	-	8	6,2	3	DIN2184-1	
48139735	1/2	16	100	22	-	9	7	3	DIN2184-1	
48139737	5/8	14	110	27	-	12	9	3	DIN2184-1	
48139739	3/4	12	125	27	-	14	11	3	DIN2184-1	
48139742	1	10	160	36	-	18	14,5	3	DIN2184-1	

A-SFT

Threading | Cutting taps | BA





- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

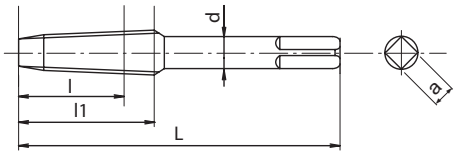
A	BA (BS93)	PM	V	C/2,5	

EDP	BA	L	l	l1	d	a	Z	Price
48139910	0	66	19	30	6,3	5	3	
48139911	1	62	17	26	5,6	4,5	3	
48139912	2	58	16	25	5	4	3	
48139913	3	53	13	21	4,5	3,55	2	
48139914	4	50	13	20	3,55	2,8	2	
48139915	5	48	11	18	3,15	2,5	2	
48139916	6	44,5	9,5	-	2,8	2,24	2	
48139917	7	44,5	9,5	-	2,8	2,24	2	
48139918	8	44,5	9,5	-	2,8	2,24	2	
48139919	9	41	8	-	2,5	2	2	
48139920	10	41	8	-	2,5	2	2	
48139921	11	41	8	-	2,5	2	2	
48139922	12	40	7	-	2,5	2	2	

A-TPT

Threading | Cutting taps | RC (BSPT)





- First choice in quality and performance
- Powder metal straight flute cutting tap for through & blind holes
- Multilayer TiCN coating
- High speed tapping in general steels and aluminium
- RC (BSPT) tapered 1:16

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	N Al	N AC,ADC	
5-10	5-10	5-10	5-10	5-10	10-15	m/min

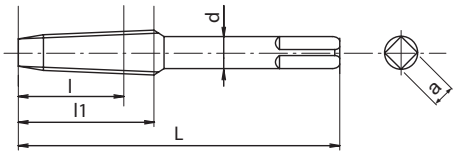
A	Rc (PT)	PM	V	C/2,5			DIN 5156

EDP	RC	P	L	l1	d	a	Z	DIN	Price
48212384	1/8	28	90	15	7	5,5	4	DIN5156	
48212394	1/4	19	100	19	11	9	4	DIN5156	
48212404	3/8	19	110	21	12	9	4	DIN5156	
48212414	1/2	14	125	26	16	12	4	DIN5156	
48212434	3/4	14	140	28	20	16	4	DIN5156	
48212454	1	11	160	33	25	20	4	DIN5156	

A-SFT Rc

Threading | Cutting taps | Rc (BSPT)





- First choice in quality and performance
- Powder metal spiral flute cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels and aluminium
- RC (BSPT) tapered 1:16

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	N Al	N AC,ADC	
5-10	5-10	5-10	5-10	5-10	10-15	m/min

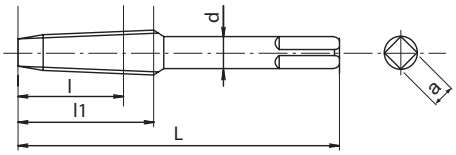
A	Rc (BSPT)	PM	V	45°	C/2,5		DIN 5156

EDP	RC	P	L	l	d	a	l1	Z	DIN	Price
48302374	1/16	28	90	10,1	6	4,9	14	3	DIN5156	
48302384	1/8	28	90	10,1	7	5,5	15	3	DIN5156	
48302394	1/4	19	100	15	11	9	19	3	DIN5156	
48302404	3/8	19	100	15,4	12	9	21	4	DIN5156	
48302414	1/2	14	125	20,5	16	12	26	4	DIN5156	
48302434	3/4	14	140	21,8	20	16	28	4	DIN5156	
48302454	1	11	160	26	25	23	33	4	DIN5156	

A-SFT NPT NEW

Threading | Cutting taps | NPT





- First choice in quality and performance
- Powder metal spiral flute cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels and aluminium
- NPT tapered 1:16

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	N Al	N AC,ADC	
5-10	5-10	5-10	5-10	5-10	10-15	m/min

A	NPT	PM	V	45°	C/2,5		DIN 5156

EDP	NPT	P	L	l	d	a	l1	Z	DIN	Price
48331500	1/16	27	90	12	6	4,9	18	3	DIN5156	
48331600	1/8	27	90	12,05	7	5,5	19	3	DIN5156	
48331700	1/4	18	100	17,45	11	9	28	3	DIN5156	
48331800	3/8	18	110	17,65	12	9	28	4	DIN5156	
48331900	1/2	14	125	22,85	16	12	35	4	DIN5156	
48331000	3/4	14	140	22,95	20	16	35	4	DIN5156	
48331100	1	11 1/2	160	27,4	25	20	45	4	DIN5156	



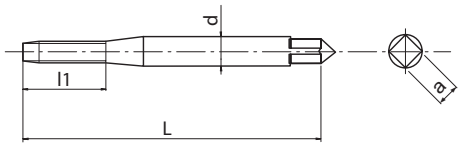
A-POT

Threading | Cutting taps | Metric

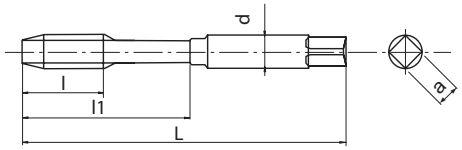


- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

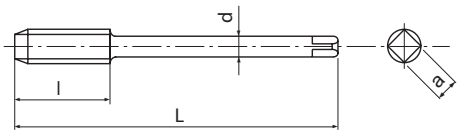
Type 1



Type 2



Type 3



P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	ISO 2 6HX	B/4		DIN 371	DIN 376

* Tolerance 5HX

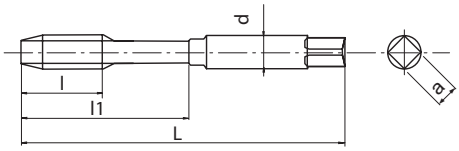
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
*48145111	1	0,25	40	-	5	2,5	2,1	2	1	DIN371	
*48145112	1,1	0,25	40	-	5	2,5	2,1	2	1	DIN371	
*48145113	1,2	0,25	40	-	5	2,5	2,1	2	1	DIN371	
*48145115	1,4	0,3	40	-	7	2,5	2,1	2	1	DIN371	
48145118	1,6	0,35	40	-	8	2,5	2,1	2	1	DIN371	
48145119	1,7	0,35	40	-	8	2,5	2,1	2	1	DIN371	
48145120	1,8	0,35	40	-	8	2,5	2,1	2	1	DIN371	
48145125	2	0,4	45	-	8	2,8	2,1	2	1	DIN371	
48145127	2,2	0,45	45	-	9	2,8	2,1	2	1	DIN371	
48145128	2,3	0,4	45	-	9	2,8	2,1	2	1	DIN371	
48145133	2,5	0,45	50	-	9	2,8	2,1	2	1	DIN371	
48145136	2,6	0,45	50	-	9	2,8	2,1	2	1	DIN371	
48145138	3	0,5	56	11	18	3,5	2,7	3	2	DIN371	
48145142	3,5	0,6	56	12	20	4	3	3	2	DIN371	
48145144	4	0,7	63	13	21	4,5	3,4	3	2	DIN371	
48145147	4,5	0,75	70	16	25	6	4,9	3	2	DIN371	
48145149	5	0,8	70	16	25	6	4,9	3	2	DIN371	
48145152	5,5	0,9	80	17	30	6	4,9	3	2	DIN371	
48145155	6	1	80	19	30	6	4,9	3	2	DIN371	
48145158	7	1	80	19	30	7	5,5	3	2	DIN371	
48145161	8	1,25	90	22	35	8	6,2	3	2	DIN371	
48145165	9	1,25	90	22	35	9	7	3	2	DIN371	
48145169	10	1,5	100	24	39	10	8	3	2	DIN371	
48145139	3	0,5	56	11	-	2,2	-	3	3	DIN376	
48145185	4	0,7	63	13	-	2,8	2,1	3	3	DIN376	
48145150	5	0,8	70	16	-	3,5	2,7	3	3	DIN376	
48145187	6	1	80	19	-	4,5	3,4	3	3	DIN376	
48145159	7	1	80	19	-	5,5	4,3	3	3	DIN376	
48145188	8	1,25	90	22	-	6	4,9	3	3	DIN376	
48145166	9	1,25	90	22	-	7	5,5	3	3	DIN376	
48145189	10	1,5	100	24	-	7	5,5	3	3	DIN376	
48145175	11	1,5	100	24	-	8	6,2	3	3	DIN376	
48145179	12	1,75	110	28	-	9	7	3	3	DIN376	
48145191	14	2	110	30	-	11	9	3	3	DIN376	
48145202	16	2	110	32	-	12	9	3	3	DIN376	
48145214	18	2,5	125	34	-	14	11	3	3	DIN376	
48145228	20	2,5	140	34	-	16	12	3	3	DIN376	
48145238	22	2,5	140	34	-	18	14,5	3	3	DIN376	
48145247	24	3	160	38	-	18	14,5	3	3	DIN376	

A-OIL-POT

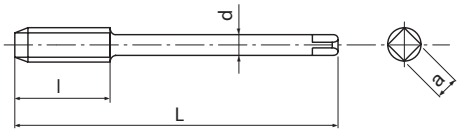
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Side through coolant

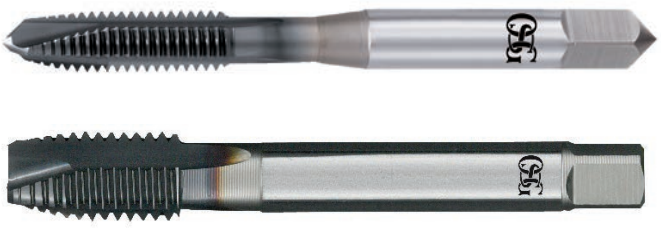
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	ISO 2 6HX	B/4			DIN 371	DIN 376

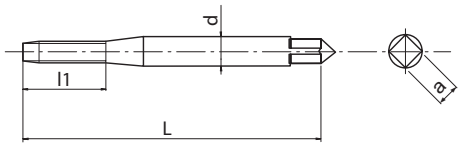
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48214155	6	1	80	19	30	6	4,9	3	1	DIN371	
48214161	8	1,25	90	22	35	8	6,2	3	1	DIN371	
48214169	10	1,5	100	24	39	10	8	3	1	DIN371	
48214179	12	1,75	110	28	-	9	7	3	2	DIN376	
48214191	14	2	110	30	-	11	9	3	2	DIN376	
48214202	16	2	110	32	-	12	9	3	2	DIN376	
48214214	18	2,5	125	34	-	14	11	3	2	DIN376	
48214228	20	2,5	140	34	-	16	12	3	2	DIN376	
48214238	22	2,5	140	34	-	18	14,5	3	2	DIN376	
48214247	24	3	160	38	-	18	14,5	3	2	DIN376	

A-POT 6GX

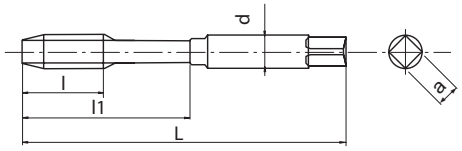
Threading | Cutting taps | Metric



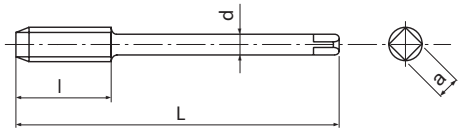
Type 1



Type 2



Type 3



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 6G internal thread tolerance

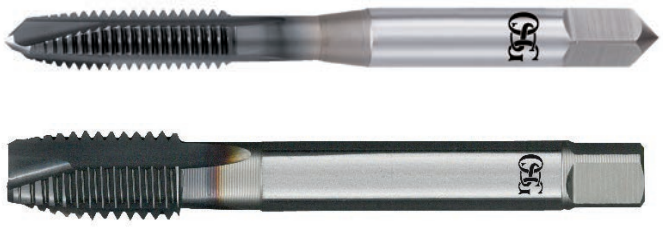
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	ISO 3 6GX	B/4		DIN 371	DIN 376

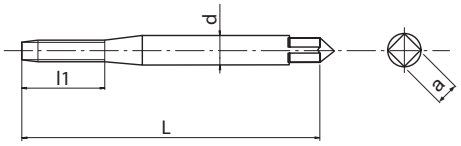
EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN	Price
48205125	2	0,4	+0,019	45	-	8	2,8	2,1	2	1	DIN371	
48205133	2,5	0,45	+0,020	50	-	9	2,8	2,1	2	1	DIN371	
48205138	3	0,5	+0,020	56	11	18	3,5	2,7	3	2	DIN371	
48205144	4	0,7	+0,022	63	13	21	4,5	3,4	3	2	DIN371	
48205149	5	0,8	+0,024	70	16	25	6	4,9	3	2	DIN371	
48205155	6	1	+0,026	80	19	30	6	4,9	3	2	DIN371	
48205161	8	1,25	+0,028	90	22	35	8	6,2	3	2	DIN371	
48205169	10	1,5	+0,032	100	24	39	10	8	3	2	DIN371	
48205179	12	1,75	+0,034	110	28	-	9	7	3	3	DIN376	
48205202	16	2	+0,038	110	32	-	12	9	3	3	DIN376	

A-POT 7GX

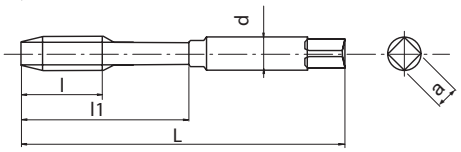
Threading | Cutting taps | Metric



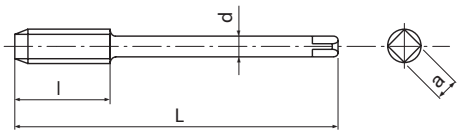
Type 1



Type 2



Type 3



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 7G internal thread tolerance

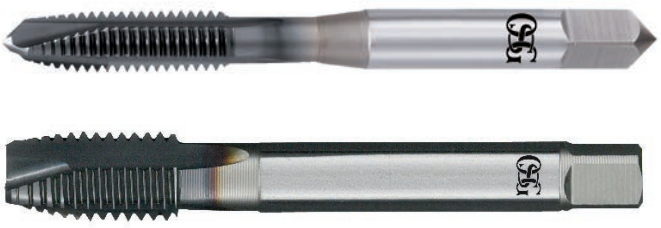
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	7GX	B/4		DIN 371	DIN 376

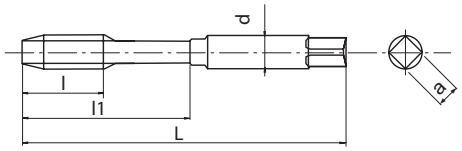
EDP	M	P	oversize	L	l	l1	d	a	Z	Type	DIN	Price
48206125	2	0,4	+0,038	45	-	8	2,8	2,1	2	1	DIN371	
48206133	2,5	0,45	+0,040	50	-	9	2,8	2,1	2	1	DIN371	
48206138	3	0,5	+0,040	56	11	18	3,5	2,7	3	2	DIN371	
48206144	4	0,7	+0,044	63	13	21	4,5	3,4	3	2	DIN371	
48206149	5	0,8	+0,048	70	16	25	6	4,9	3	2	DIN371	
48206155	6	1	+0,052	80	19	30	6	4,9	3	2	DIN371	
48206161	8	1,25	+0,056	90	22	35	8	6,2	3	2	DIN371	
48206169	10	1,5	+0,064	100	24	39	10	8	3	2	DIN371	
48206179	12	1,75	+0,068	110	14	-	28	7	3	3	DIN376	
48206202	16	2	+0,076	110	16	-	32	9	3	3	DIN376	

A-POT+0.1

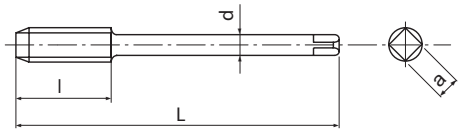
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Oversized tap for 6H +0,1mm thread tolerance

P ◉ C <0,2%	P ◉ 0,25<C<0,4	P ◉ C>0.45%	P ◉ SCM	M ◉ INOX	N ○ Al	N ○ AC,ADC	S ○ Ti	H ○ 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	6H +0.1	B/4		DIN 371	DIN 376

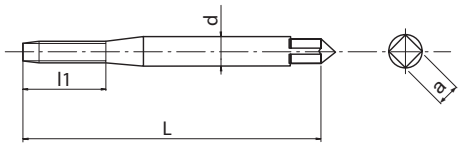
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48259138	3	0,5	56	11	18	3,5	2,7	3	1	DIN371	
48259144	4	0,7	63	13	21	4,5	3,4	3	1	DIN371	
48259149	5	0,8	70	16	25	6	4,9	3	1	DIN371	
48259155	6	1	80	19	30	6	4,9	3	1	DIN371	
48259161	8	1,25	90	22	35	8	6,2	3	1	DIN371	
48259169	10	1,5	100	24	39	10	8	3	1	DIN371	
48259179	12	1,75	110	28	-	9	7	3	2	DIN376	
48259202	16	2	110	32	-	12	9	3	2	DIN376	

A-LT-POT

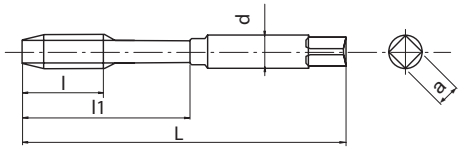
Threading | Cutting taps | Metric



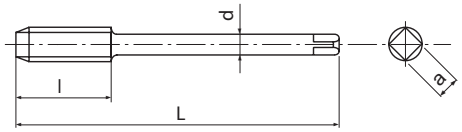
Type 1



Type 2



Type 3



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With long shank for long reach threading

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	ISO 2 6HX	B/4		DIN 371	DIN 376

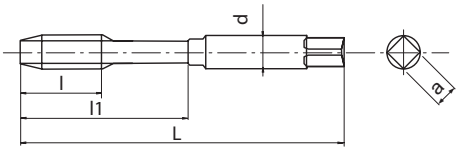
EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48210125	2	0,4	80	8	-	2,8	2,1	2	1	DIN371	
48210133	2,5	0,45	100	9	-	2,8	2,1	2	1	DIN371	
48210138	3	0,5	100	11	18	3,5	2,7	3	2	DIN371	
48210144	4	0,7	125	13	21	4,5	3,4	3	2	DIN371	
48210149	5	0,8	160	16	25	6	4,9	3	2	DIN371	
48210155	6	1	160	19	30	6	4,9	3	2	DIN371	
48210161	8	1,25	180	22	35	8	6,2	3	2	DIN371	
48210169	10	1,5	200	24	39	10	8	3	2	DIN371	
48211155	6	1	160	19	-	4,5	3,4	3	3	DIN376	
48211161	8	1,25	180	22	-	6	4,9	3	3	DIN376	
48211169	10	1,5	200	24	-	7	5,5	3	3	DIN376	
48211179	12	1,75	200	28	-	9	7	3	3	DIN376	
48211191	14	2	200	30	-	11	9	3	3	DIN376	
48211202	16	2	200	32	-	12	9	3	3	DIN376	
48211214	18	2,5	200	34	-	14	11	3	3	DIN376	
48211228	20	2,5	200	34	-	16	12	3	3	DIN376	

A-POT-LH

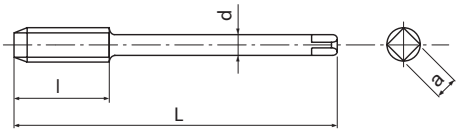
Threading | Cutting taps | Metric



Type 1



Type 2



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For left-hand threads

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

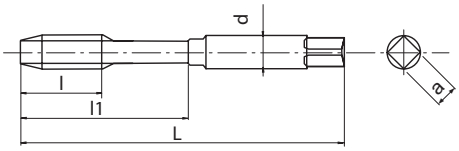
A	M	PM	V	ISO 2 6HX	B/4		DIN 371	DIN 376	LH

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48218138	3	0,5	56	11	18	3,5	2,7	3	1	DIN371	
48218144	4	0,7	63	13	21	4,5	3,4	3	1	DIN371	
48218149	5	0,8	70	16	25	6	4,9	3	1	DIN371	
48218155	6	1	80	19	30	6	4,9	3	1	DIN371	
48218161	8	1,25	90	22	35	8	6,2	3	1	DIN371	
48218169	10	1,5	100	24	39	10	8	3	1	DIN371	
48218179	12	1,75	110	28	-	9	7	3	2	DIN376	
48218191	14	2	110	30	-	11	9	3	2	DIN376	
48218202	16	2	110	32	-	12	9	3	2	DIN376	
48218214	18	2,5	125	34	-	14	11	3	2	DIN376	
48218228	20	2,5	140	34	-	16	12	3	2	DIN376	
48218238	22	2,5	140	34	-	18	14,5	3	2	DIN376	
48218247	24	3	160	38	-	18	14,5	3	2	DIN376	

A-POT-HB Weldon

Threading | Cutting taps | Metric





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With Weldon shank

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	M	PM	V	ISO 2 6HX	B/4		DIN 371	DIN 376	DIN 1835	HB

EDP	M	P	L	l	l1	d	a	Z	DIN	Price
48221138	3	0,5	56	11	18	6	4,9	3	DIN371/1835	
48221144	4	0,7	63	13	21	6	4,9	3	DIN371/1835	
48221149	5	0,8	70	16	25	6	4,9	3	DIN371/1835	
48221155	6	1	80	19	30	6	4,9	3	DIN371/1835	
48221161	8	1,25	90	22	35	8	6,2	3	DIN371/1835	
48221169	10	1,5	100	24	39	10	8	3	DIN371/1835	
48221179	12	1,75	110	28	46	12	9	3	DIN376/1835	
48221191	14	2	110	30	49	14	11	3	DIN376/1835	
48221202	16	2	110	32	56	16	12	3	DIN376/1835	

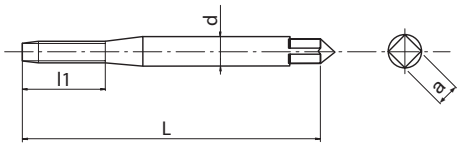
A-POT

Threading | Cutting taps | Metric Fine

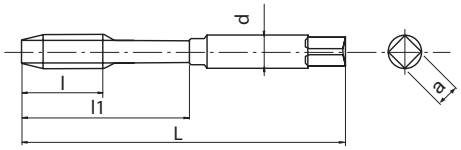


- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

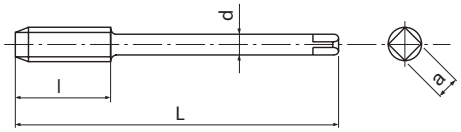
Type 1



Type 2



Type 3



P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

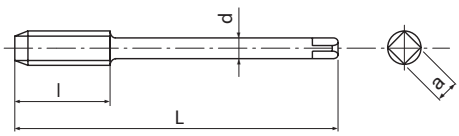
A	MF	PM	V	ISO 2 6HX	B/4		DIN 371	DIN 374

EDP	MF	P	L	l	l1	d	a	Z	Type	DIN	Price
48145135	2,5	0,35	50	-	9	2,8	2,1	2	1	DIN371	
48145137	2,6	0,35	50	-	9	2,8	2,1	2	1	DIN371	
48145141	3	0,35	56	8	18	3,5	2,7	3	2	DIN371	
48145143	3,5	0,35	56	9	20	4	3	3	2	DIN371	
48145145	4	0,5	63	10	21	4,5	3,4	3	2	DIN371	
48145146	4	0,35	63	10	21	4,5	3,4	3	2	DIN371	
48145148	4,5	0,5	70	12	25	6	4,9	3	2	DIN371	
48145151	5	0,5	70	12	25	6	4,9	3	2	DIN371	
48145601	6	0,75	80	14	30	6	4,9	3	2	DIN371	
48145602	6	0,5	80	14	30	6	4,9	3	2	DIN371	
48145160	7	0,75	80	14	30	7	5,5	3	2	DIN371	
48145603	8	1	90	22	35	8	6,2	3	2	DIN371	
48145604	8	0,75	80	18	30	8	6,2	3	2	DIN371	
48145605	9	1	90	22	35	9	7	3	2	DIN371	
48145606	10	1,25	100	24	39	10	8	3	2	DIN371	
48145607	10	1	90	20	35	10	8	3	2	DIN371	
48145608	10	0,75	90	20	35	10	8	3	2	DIN371	
48145156	6	0,75	80	14	-	4,5	3,4	3	3	DIN374	
48145157	6	0,5	80	14	-	4,5	3,4	3	3	DIN374	
48145162	8	1	90	22	-	6	4,9	3	3	DIN374	
48145163	8	0,75	80	18	-	6	4,9	3	3	DIN374	
48145167	9	1	90	22	-	7	5,5	3	3	DIN374	
48145170	10	1,25	100	24	-	7	5,5	3	3	DIN374	
48145171	10	1	90	20	-	7	5,5	3	3	DIN374	
48145172	10	0,75	90	20	-	7	5,5	3	3	DIN374	
48145176	11	1	90	20	-	8	6,2	3	3	DIN374	
48145180	12	1,5	100	22	-	9	7	3	3	DIN374	
48145181	12	1,25	100	22	-	9	7	3	3	DIN374	
48145182	12	1	100	22	-	9	7	3	3	DIN374	
48145192	14	1,5	100	22	-	11	9	4	3	DIN374	
48145193	14	1,25	100	22	-	11	9	4	3	DIN374	
48145194	14	1	100	22	-	11	9	4	3	DIN374	
48145203	16	1,5	100	22	-	12	9	4	3	DIN374	
48145204	16	1	100	22	-	12	9	4	3	DIN374	
48145216	18	1,5	110	25	-	14	11	4	3	DIN374	
48145218	18	1	110	25	-	14	11	4	3	DIN374	
48145220	20	2	140	34	-	16	12	4	3	DIN374	
48145230	20	1,5	125	25	-	16	12	4	3	DIN374	
48145232	20	1	125	25	-	16	12	4	3	DIN374	
48145239	22	2	140	34	-	18	14,5	4	3	DIN374	
48145240	22	1,5	125	25	-	18	14,5	4	3	DIN374	
48145241	22	1	125	25	-	18	14,5	4	3	DIN374	
48145249	24	2	140	28	-	18	14,5	4	3	DIN374	
48145250	24	1,5	140	28	-	18	14,5	4	3	DIN374	
48145251	24	1	140	28	-	18	14,5	4	3	DIN374	

A-OIL-POT

Threading | Cutting taps | Metric Fine





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- Side through coolant

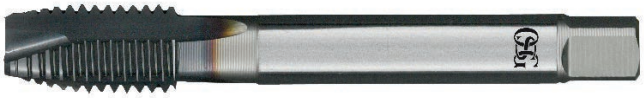
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

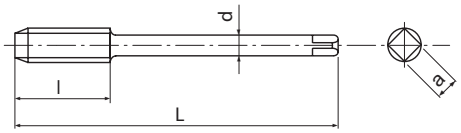
A	MF	PM	V	ISO 2 6HX	B/4			DIN 374

EDP	MF	P	L	l	d	a	Z	DIN	Price
48214162	8	1	90	22	6	4,9	3	DIN374	
48214171	10	1	90	20	7	5,5	3	DIN374	
48214170	10	1,25	100	24	7	5,5	3	DIN374	
48214180	12	1,5	100	22	9	7	3	DIN374	
48214192	14	1,5	100	22	11	9	4	DIN374	
48214203	16	1,5	100	22	12	9	4	DIN374	
48214216	18	1,5	110	25	14	11	4	DIN374	
48214230	20	1,5	125	25	16	12	4	DIN374	

A-POT 6GX

Threading | Cutting taps | Metric Fine





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 6G internal thread tolerance

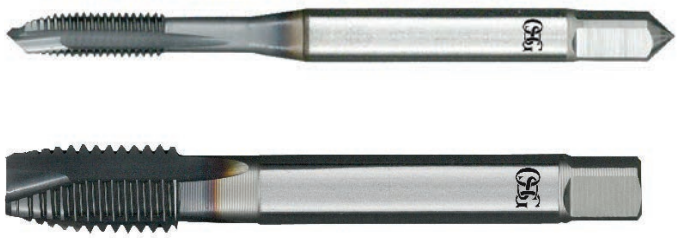
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	MF	PM	V	ISO 3 6GX	B/4		DIN 374

EDP	MF	P	oversize	L	l	d	a	Z	DIN	Price
48205156	6	0,75	+0,022	80	14	4,5	3,4	3	DIN374	
48205162	8	1	+0,026	80	22	6	4,9	3	DIN374	
48205163	8	0,75	+0,022	80	18	6	4,9	3	DIN374	
48205170	10	1,25	+0,028	90	24	7	5,5	3	DIN374	
48205171	10	1	+0,026	90	20	7	5,5	3	DIN374	
48205180	12	1,5	+0,032	90	22	9	7	3	DIN374	
48205181	12	1,25	+0,028	90	22	9	7	3	DIN374	
48205182	12	1	+0,026	90	22	9	7	3	DIN374	
48205192	14	1,5	+0,032	90	22	11	9	4	DIN374	
48205203	16	1,5	+0,032	100	22	12	9	4	DIN374	
48205216	18	1,5	+0,032	100	25	14	11	4	DIN374	
48205230	20	1,5	+0,032	140	25	16	12	4	DIN374	
48205240	22	1,5	+0,032	140	25	18	14,5	4	DIN374	
48205250	24	1,5	+0,032	140	28	18	14,5	4	DIN374	

A-POT

Threading | Cutting taps | UNC



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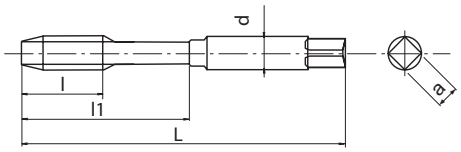
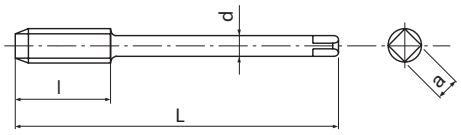


Type 2



- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

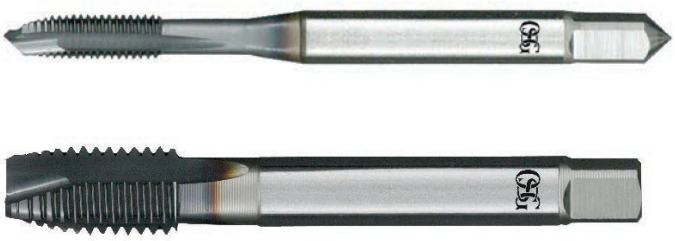
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	UNC	PM	V	ANSI 2BX	B/4		DIN 2184-1	DIN 2184-1

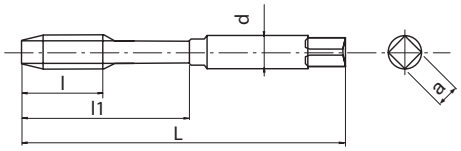
EDP	UNC	P	L	l	l1	d	a	Z	Type	DIN	Price
48145453	2	56	45	-	9	2,8	2,1	2	1	DIN2184-1	
48145455	3	48	50	-	9	2,8	2,1	2	1	DIN2184-1	
48145457	4	40	56	11	18	3,5	2,7	2	1	DIN2184-1	
48145459	5	40	56	11	18	3,5	2,7	3	1	DIN2184-1	
48145461	6	32	56	12	20	4	3	3	1	DIN2184-1	
48145464	8	32	63	13	21	4,5	3,4	3	1	DIN2184-1	
48145466	10	24	70	16	25	6	4,9	3	1	DIN2184-1	
48145468	12	24	80	17	30	6	4,9	3	1	DIN2184-1	
48145471	1/4	20	80	19	30	7	5,5	3	1	DIN2184-1	
48145474	5/16	18	90	22	35	8	6,2	3	1	DIN2184-1	
48145479	3/8	16	100	24	39	10	8	3	1	DIN2184-1	
48145484	7/16	14	100	24	-	8	6,2	3	2	DIN2184-1	
48145489	1/2	13	110	28	-	9	7	3	2	DIN2184-1	
48145494	9/16	12	110	30	-	11	9	3	2	DIN2184-1	
48145501	5/8	11	110	32	-	12	9	3	2	DIN2184-1	
48145515	3/4	10	125	34	-	14	11	3	2	DIN2184-1	
48145526	7/8	9	140	34	-	18	14,5	3	2	DIN2184-1	
48145538	1	8	160	38	-	18	14,5	3	2	DIN2184-1	

A-POT

Threading | Cutting taps | UNF



Type 1



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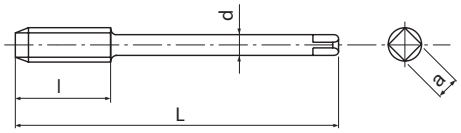


- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

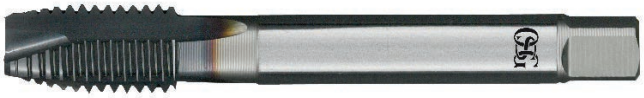
P ◉ C <0,2%	P ◉ 0,25<C<0,4	P ◉ C>0.45%	P ◉ SCM	M ◉ INOX	N ○ Al	N ○ AC,ADC	S ○ Ti	H ○ 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

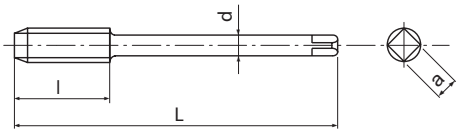
A	UNF	PM	V	ANSI 2BX	B/4		DIN 2184-1	DIN 2184-1

EDP	UNF	P	L	l	l1	d	a	Z	Type	DIN	Price
48145454	2	64	45	-	9	2,8	2,1	2	1	DIN2184-1	
48145456	3	56	50	-	9	2,8	2,1	2	1	DIN2184-1	
48145458	4	48	56	11	18	3,5	2,7	2	1	DIN2184-1	
48145460	5	44	56	11	18	3,5	2,7	3	1	DIN2184-1	
48145462	6	40	56	12	20	4	3	3	1	DIN2184-1	
48145465	8	36	63	13	21	4,5	3,4	3	1	DIN2184-1	
48145467	10	32	70	16	25	6	4,9	3	1	DIN2184-1	
48145469	12	28	80	17	30	6	4,9	3	1	DIN2184-1	
48145472	1/4	28	80	19	30	7	5,5	3	1	DIN2184-1	
48145476	5/16	24	90	22	35	8	6,2	3	1	DIN2184-1	
48145481	3/8	24	90	20	35	10	8	3	1	DIN2184-1	
48145486	7/16	20	100	24	-	8	6,2	3	2	DIN2184-1	
48145491	1/2	20	100	22	-	9	7	3	2	DIN2184-1	
48145496	9/16	18	100	22	-	11	9	3	2	DIN2184-1	
48145504	5/8	18	100	22	-	12	9	3	2	DIN2184-1	
48145517	3/4	16	110	25	-	14	11	3	2	DIN2184-1	
48145528	7/8	14	125	25	-	18	14,5	3	2	DIN2184-1	
48145539	1	12	140	28	-	18	14,5	3	2	DIN2184-1	

A-POT

Threading | Cutting taps | G (BSP)





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

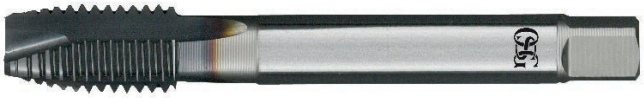
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

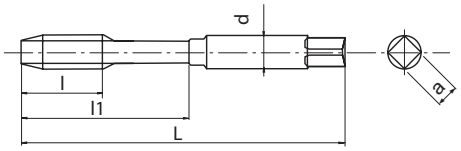
A	G	PM	V	B/4		DIN 5156

EDP	G	P	L	l	d	a	Z	DIN	Price
48145900	1/8	28	90	20	7	5,5	3	DIN5156	
48145000	1/4	19	100	22	11	9	3	DIN5156	
48145100	3/8	19	100	22	12	9	3	DIN5156	
48145200	1/2	14	125	25	16	12	3	DIN5156	
48145300	5/8	14	125	25	18	14,5	4	DIN5156	
48145400	3/4	14	140	28	20	16	4	DIN5156	
48145500	7/8	14	150	28	22	18	4	DIN5156	
48145600	1	11	160	30	25	20	4	DIN5156	

A-POT

Threading | Cutting taps | BSW





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

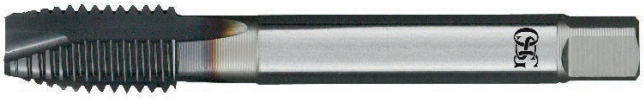
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

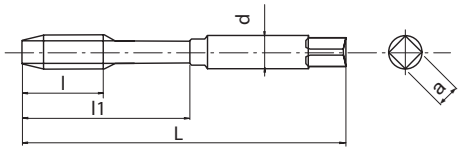
A	BSW	PM	V	MED	B/4		DIN 2184-1

EDP	BSW	TPI	L	l	l1	d	a	Z	DIN	Price
48205702	1/8	40	56	11	18	3,5	2,7	3	DIN2184-1	
48205704	3/16	24	70	16	25	6	4,9	3	DIN2184-1	
48205706	1/4	20	80	19	30	7	5,5	3	DIN2184-1	
48205707	5/16	18	90	22	35	8	6,2	3	DIN2184-1	
48205708	3/8	16	100	24	39	10	8	3	DIN2184-1	
48205709	7/16	14	100	24	-	8	6,2	3	DIN2184-1	
48205710	1/2	12	110	28	-	9	7	3	DIN2184-1	
48205712	5/8	11	110	32	-	12	9	3	DIN2184-1	
48205713	3/4	10	125	34	-	14	11	3	DIN2184-1	
48205714	7/8	9	140	34	-	18	14,5	3	DIN2184-1	
48205715	1	8	160	38	-	18	14,5	3	DIN2184-1	

A-POT

Threading | Cutting taps | BSF





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

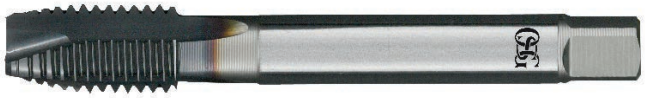
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

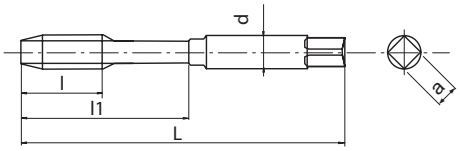
A	BSF	PM	V	MED	B/4		DIN 2184-1

EDP	BSF	TPI	L	l	l1	d	a	Z	DIN	Price
48205731	1/4	26	80	19	30	7	5,5	3	DIN2184-1	
48205732	5/16	22	90	22	35	8	6,2	3	DIN2184-1	
48205733	3/8	20	100	24	39	10	8	3	DIN2184-1	
48205734	7/16	18	100	24	-	8	6,2	3	DIN2184-1	
48205735	1/2	16	100	22	-	9	7	3	DIN2184-1	
48205737	5/8	14	110	32	-	12	9	3	DIN2184-1	
48205739	3/4	12	125	34	-	14	11	3	DIN2184-1	
48205742	1	10	160	38	-	18	14,5	3	DIN2184-1	

A-POT

Threading | Cutting taps | BA





- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N AC,ADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

A	BA (BS93)	PM	V	B/4	

EDP	BA	L	l	l1	d	a	Z	Price
48205910	0	66	19	30	6,3	5	3	
48205911	1	62	17	26	5,6	4,5	3	
48205912	2	58	16	25	5	4	3	
48205913	3	53	13	21	4,5	3,55	3	
48205914	4	50	13	20	3,55	2,8	3	
48205915	5	48	11	18	3,15	2,5	3	
48205916	6	44,5	9,5	-	2,8	2,24	2	
48205917	7	44,5	9,5	-	2,8	2,24	2	
48205918	8	44,5	9,5	-	2,8	2,24	2	
48205919	9	41	8	-	2,5	2	2	
48205920	10	41	8	-	2,5	2	2	
48205921	11	41	8	-	2,5	2	2	
48205922	12	40	7	-	2,5	2	2	



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