



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

A-TAP SERIES

Volume 7



INDEX

Blind Hole

Metric

A-SFT	PAGE 8
A-OIL-SFT	PAGE 9
A-SFT-6GX	PAGE 10
A-SFT-7GX	PAGE 11
A-SFT FORM E	PAGE 12
A-SFT + 0.1	PAGE 13
A-LT-SFT	PAGE 14
A-SFT-LH	PAGE 15
A-SFT-HB Weldon Shank.....	PAGE 16

Metric Fine

A-SFT	PAGE 17
A-OIL-SFT	PAGE 18
A-SFT-6GX	PAGE 19

UNC

A-SFT	PAGE 20
-------------	---------

UNF

A-SFT	PAGE 21
-------------	---------

G (BSP)

A-SFT	PAGE 22
-------------	---------

BSW

A-SFT	PAGE 23
-------------	---------

BSF

A-SFT	PAGE 24
-------------	---------

BA

A-SFT	PAGE 25
-------------	---------

Rc (BSPT)

A-TPT	PAGE 26
-------------	---------

Through Hole

Metric

A-POT NEW SIZES	PAGE 27
A-OIL-POT	PAGE 28
A-POT-6GX	PAGE 29
A-POT-7GX	PAGE 30
A-POT + 0.1	PAGE 31
A-LT-POT	PAGE 32
A-POT-LH	PAGE 33
A-POT-HB Weldon Shank	PAGE 34

Metric Fine

A-POT	PAGE 35
A-OIL-POT	PAGE 36
A-POT-6GX	PAGE 37

UNC

A-POT	PAGE 38
-------------	---------

UNF

A-POT	PAGE 39
-------------	---------

G (BSP)

A-POT	PAGE 40
-------------	---------

BSW

A-POT	PAGE 41
-------------	---------

BSF

A-POT	PAGE 42
-------------	---------

BA

A-POT	PAGE 43
-------------	---------

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)



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

The answer for your troubles lies here

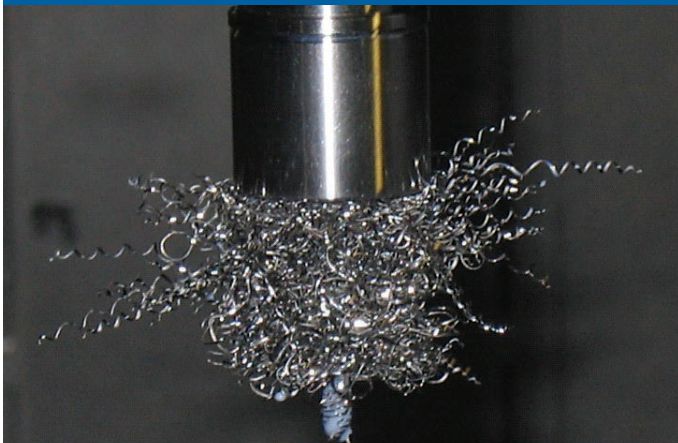
Most of tapping troubles are caused by unstable chip evacuation.

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

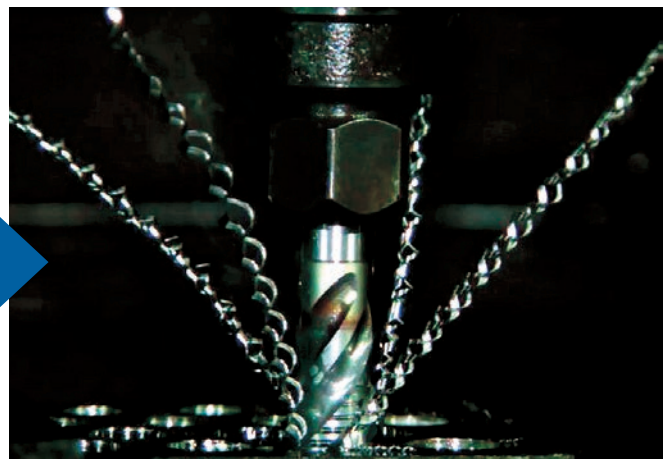


The biggest advantage of A-TAP Series:

THE BEST CHIP EVACUATION



Conventional Tap



A-SFT

KEY FEATURES A-TAP SERIES

Applies to a wide variety of work materials

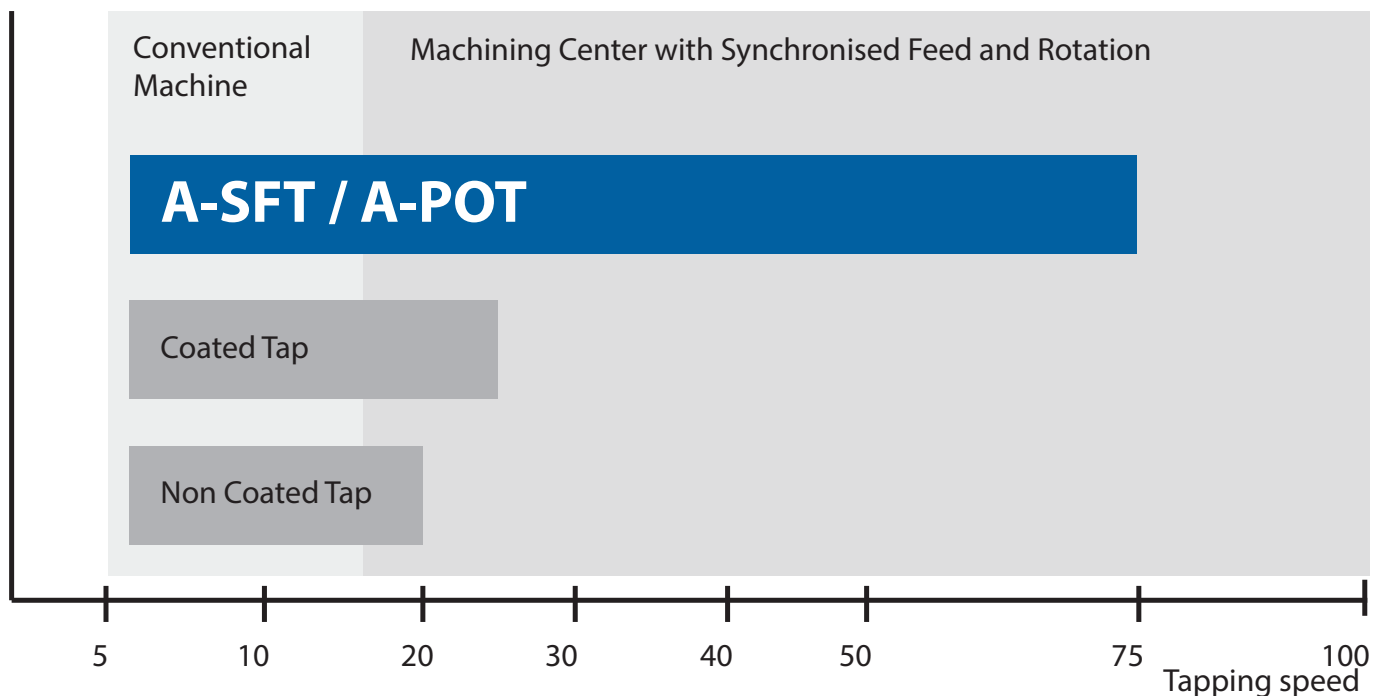
Even to mild steel and stainless steel



High performance in machining center

Applies to a wide cutting range

Long



- 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

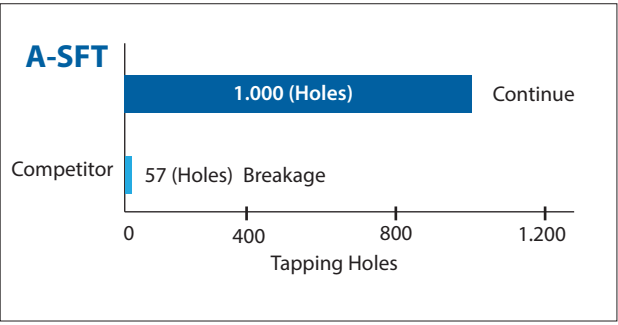
Deep Hole Tapping (2D) in stainless steel

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 Chlorine-Free (10%)
Machine	Vertical Synchronized Machining Center

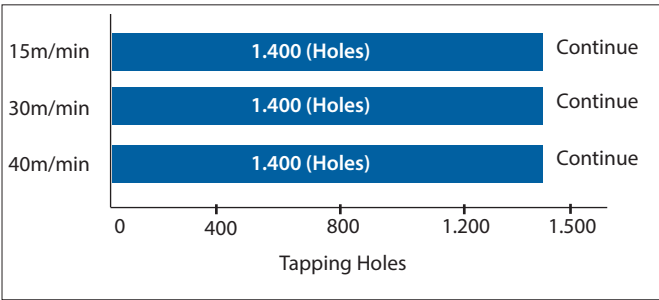


S45C

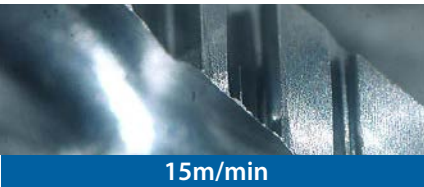
High speed tapping by machining center

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 Chlorine-Free (10%)
Machine	Vertical Synchronized Machining Center



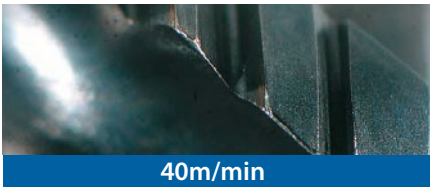
■ Cutting edge after 1.400 holes Tapping



15m/min

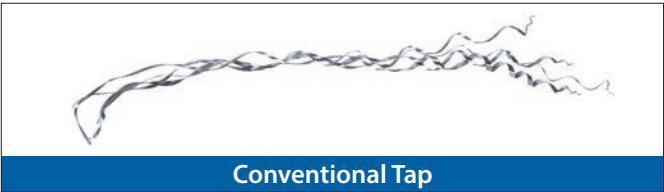


30m/min

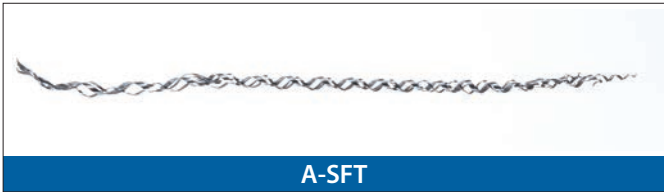


40m/min

■ Chip generated in 40m/min



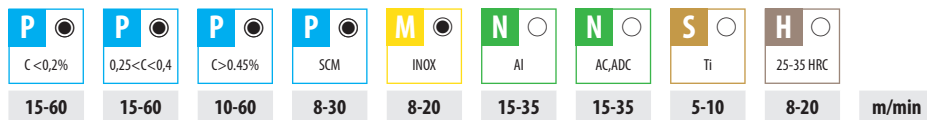
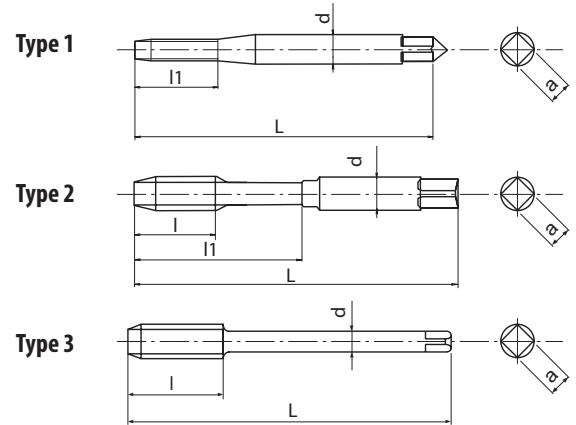
Conventional Tap



A-SFT



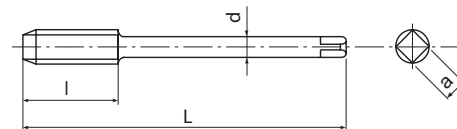
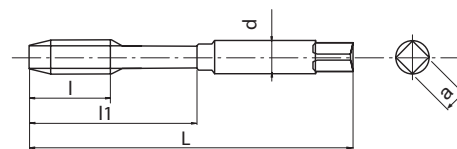
- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels



* Tolerance 5HX

[illegible]

Threading | Cutting taps | Metric

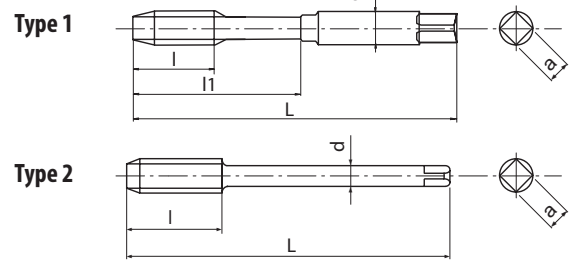


- | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| P  | P  | P  | P  | M  | N  | N  | S  | H  |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | Al | Al, ADC | Ti | 25-35 HRC |
| 15-60 | 15-60 | 10-60 | 8-30 | 8-20 | 15-35 | 15-35 | 5-10 | 8-20 |
| m/min | | | | | | | | |



Metric Threading | Cutting taps

Threading | Cutting taps | Metric



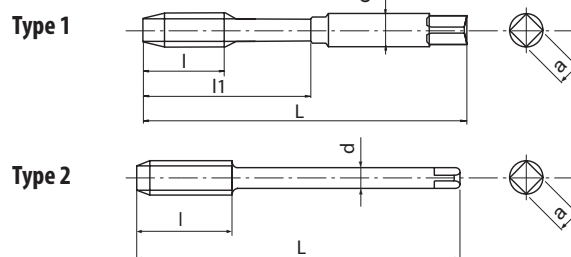
- ## Threading | Cutting taps

Metric

Threading | Cutting taps | Metric



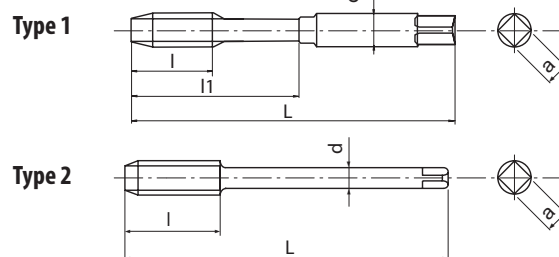
Threading | Cutting taps | Metric



- 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
- Form E chamfer

[illegible]

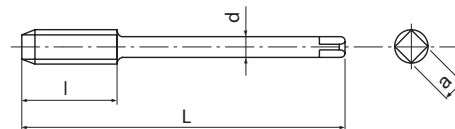
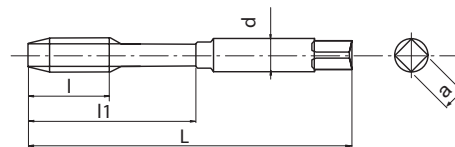
Threading | Cutting taps | Metric



- | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| P  | P  | P  | P  | M  | N  | N  | S  | H  |
| C < 0,2% | 0,25 < C < 0,4 | C > 0.45% | SCM | INOX | Al | Al ₂ O ₃ | Ti | 25-35 HRC |
| 15-60 | 15-60 | 10-60 | 8-30 | 8-20 | 15-35 | 15-35 | 5-10 | 8-20 |
| m/min | | | | | | | | |

[illegible]

Threading | Cutting taps | Metric



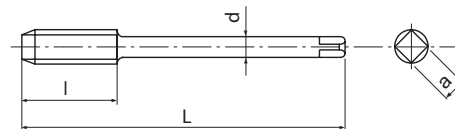
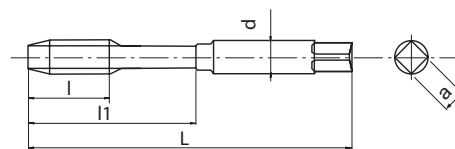
- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With long shank for long reach threading



m/min

[illegible]

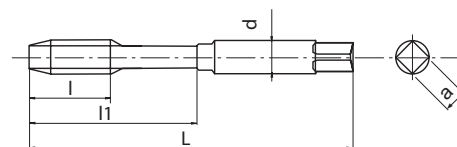
Threading | Cutting taps | Metric



- | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| P  | P  | P  | P  | M  | N  | N  | S  | H  |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | Al | AC/ADC | Ti | 25-35 HRC |
| 15-60 | 15-60 | 10-60 | 8-30 | 8-20 | 15-35 | 15-35 | 5-10 | 8-20 |
- m/min

[illegible]

Threading | Cutting taps | Metric

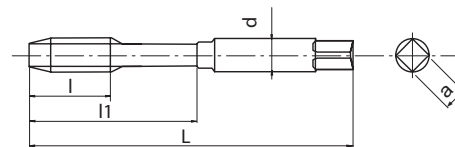


- ## Threading | Cutting taps

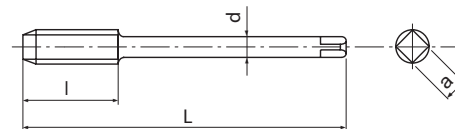
Metric



Type 1



Type 2



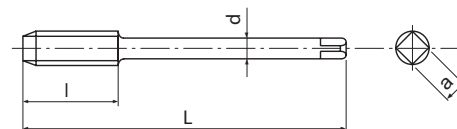
- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P	P	P	P	M	N	N	S	H	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	AC, ADC	Ti	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
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

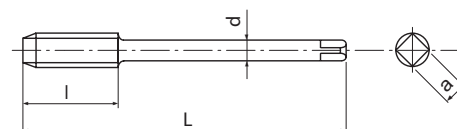
Threading | Cutting taps | Metric Fine



Centre through coolant

[illegible]

Threading | Cutting taps | Metric Fine



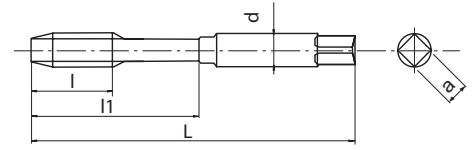
- | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------|
| P  | P  | P  | P  | M  | N  | N  | S  | H  | |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | Al | AC/ADC | Ti | 25-35 HRC | |
| 15-60 | 15-60 | 10-60 | 8-30 | 8-20 | 15-35 | 15-35 | 5-10 | 8-20 | m/min |

[illegible]

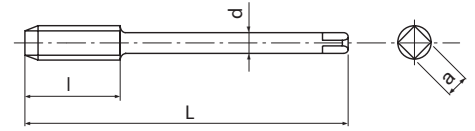
Threading | Cutting taps | UNC



Type 1

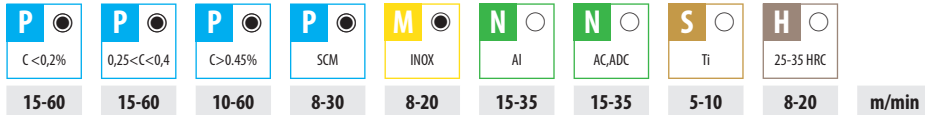


Type 2

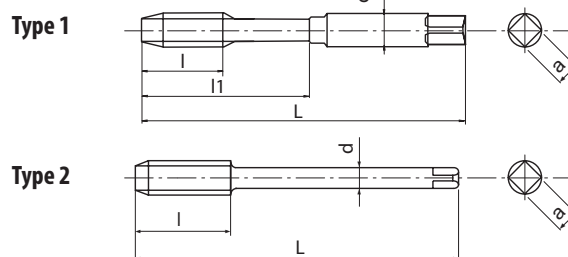
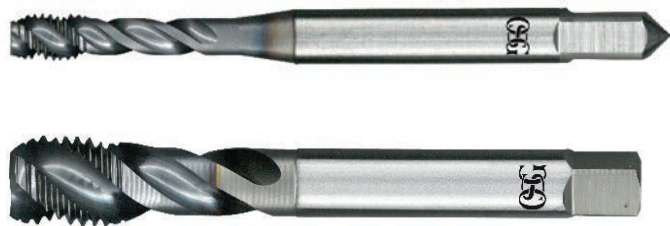


- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

Threading | Cutting taps

[illegible]

Threading | Cutting taps | UNF



- 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 ₄ 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





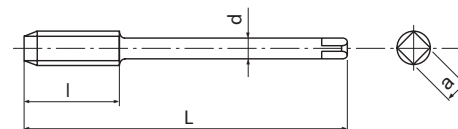






[illegible]

Threading | Cutting taps | G (BSP)



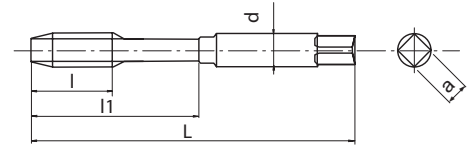
- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

G (BSP)

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

[illegible]

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 	P 	P 	P 	M 	N 	N 	S 	H 
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	ACADC	Ti	25-35 HRC
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20

m/min



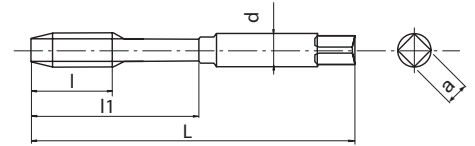






[illegible]

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

Threading | Cutting taps

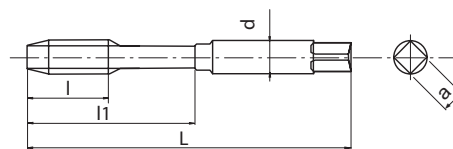
P C <0,2%	P 0,25<C<0,4	P C>0,45%	P SCM	M INOX	N Al	N ACADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min



BSF

[illegible]

Threading | Cutting taps | BA

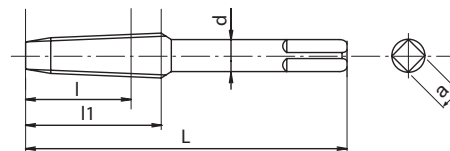


- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

P 	P 	P 	P 	M 	N 	N 	S 	H 	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	Al ₂ ADC	Ti	25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

[illegible]

Threading | Cutting taps | RC (BSPT)



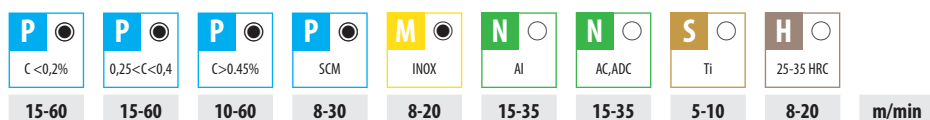
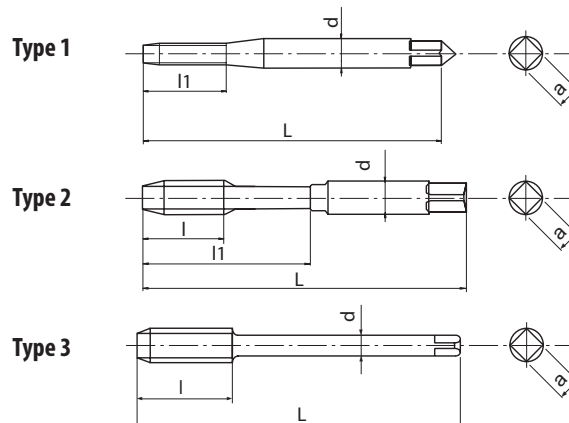
- First choice in quality and performance
- Powder metal straight flute cutting tap for through & blind holes
- Multilayer TiCN coating
- High speed tapping in general steels and aluminium
- RC (BSPT) tapered 1:16

RC (BSPT)





- 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



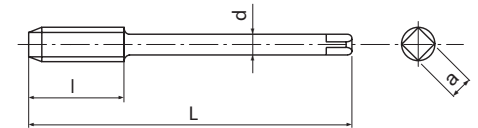
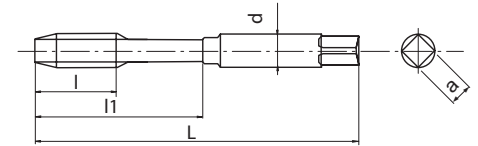
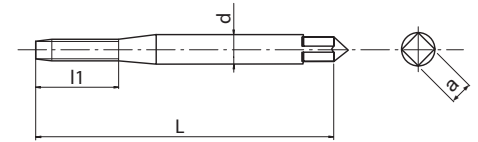
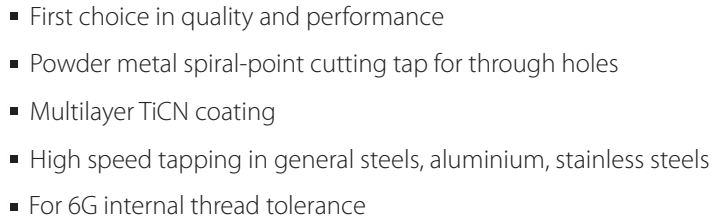
* Tolerance 5HX

[illegible]

Threading | Cutting taps | Metric



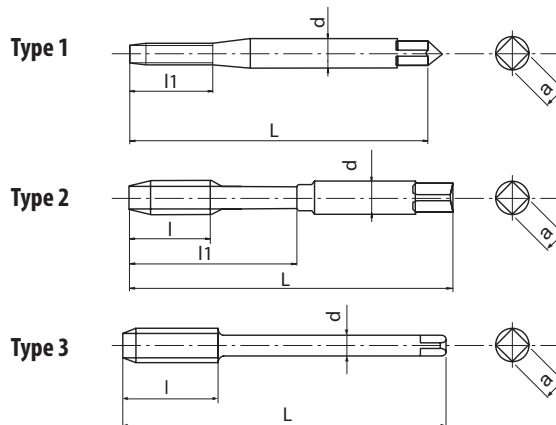
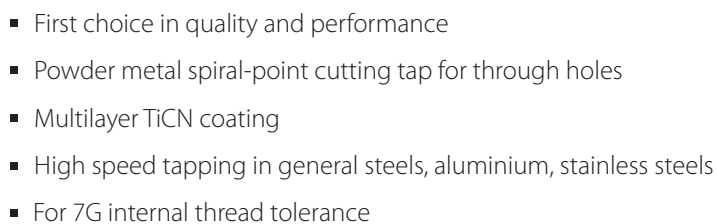
Threading | Cutting taps | Metric



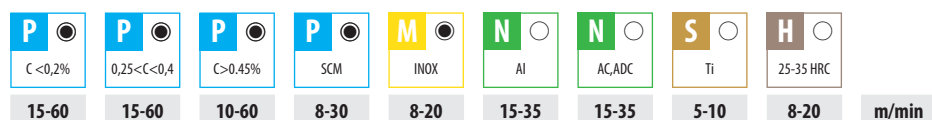
- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- For 6G internal thread tolerance

[illegible]

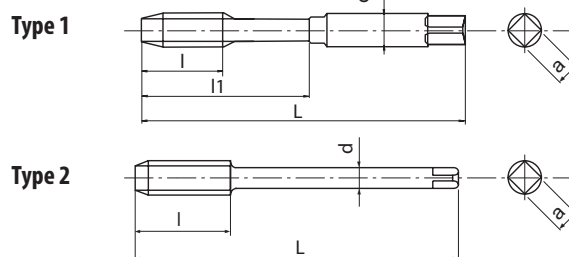
Threading | Cutting taps | Metric



- 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
- For 7G internal thread tolerance

[illegible]

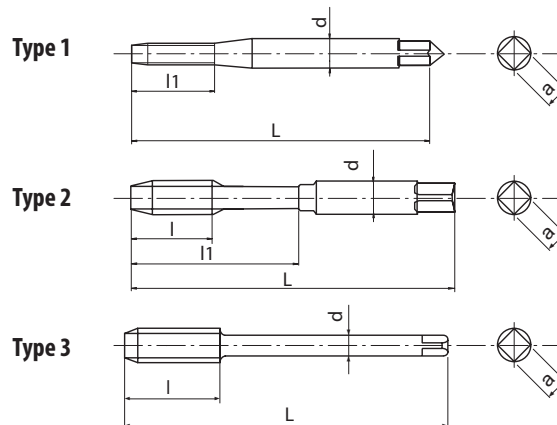
Threading | Cutting taps | Metric



- | | | | | | | | | | |
|--|--|---|---|--|--|--|--|---|--------------|
| 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 |

[illegible]

Threading | Cutting taps | Metric



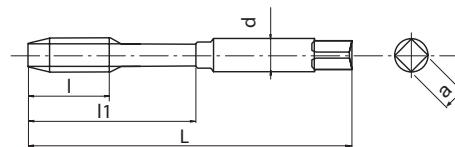
- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels
- With long shank for long reach threading

[illegible]

Threading | Cutting taps | Metric



Threading | Cutting taps | Metric



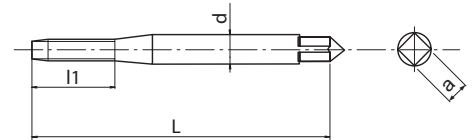
- ## Threading | Cutting taps

Metric[illegible]

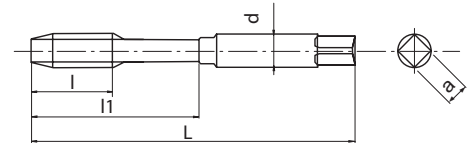


- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

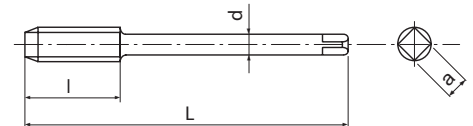
Type 1



Type 2



Type 3

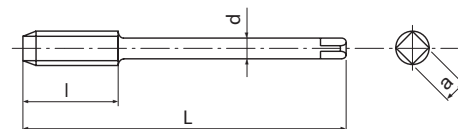


P	P	P	P	M	N	N	S	H	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	AC, ADC	Ti	25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

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

EDP	MF	P	L	I	l1	d	a	Z	Type	DIN
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

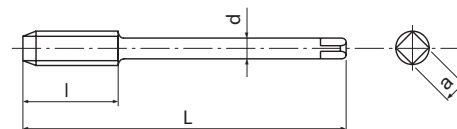
Threading | Cutting taps | Metric Fine



- 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

[illegible]

Threading | Cutting taps | Metric Fine

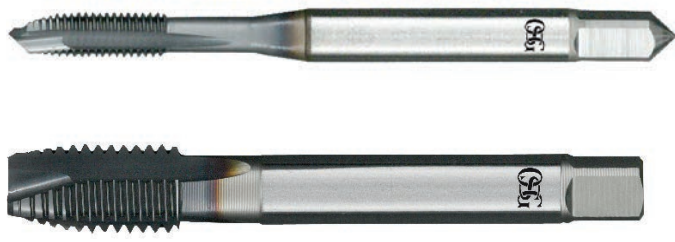


- | | | | | | | | | | |
|--|--|---|---|--|--|--|--|---|-------|
| P 
C < 0,2% | P 
0,25 < C < 0,4 | P 
C > 0,45% | P 
SCM | M 
INOX | N 
Al | N 
AC,ADC | S 
Ti | H 
25-35 HRC | |
| 15-60 | 15-60 | 10-60 | 8-30 | 8-20 | 15-35 | 15-35 | 5-10 | 8-20 | m/min |

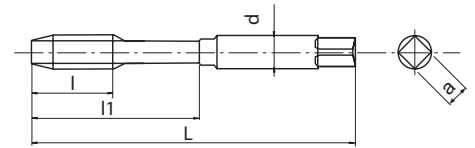


Metric Fine

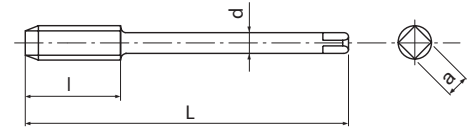
Threading | Cutting taps | UNC



Type 1



Type 2

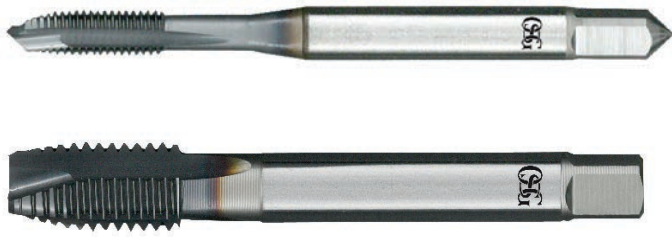


- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

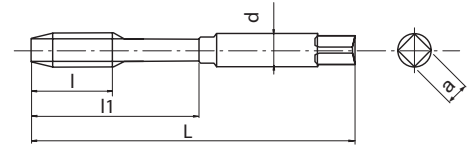
P C <0,2%	P 0,25<C<0,4	P C>0.45%	P SCM	M INOX	N Al	N ACADC	S Ti	H 25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

[illegible]

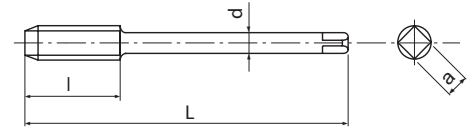
Threading | Cutting taps | UNF



Type 1



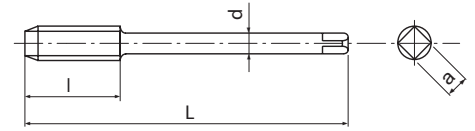
Type 2



- 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

P 	P 	P 	P 	M 	N 	N 	S 	H 	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	ACADC	Ti	25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

[illegible]



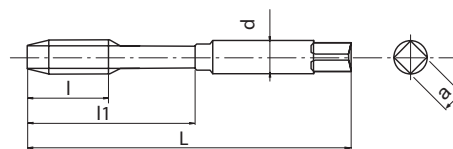
- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

Threading | Cutting taps

P 	P 	P 	P 	M 	N 	N 	S 	H 	
C <0,2%	0,25<C<0,4	C>0,45%	SCM	INOX	Al	ACADC	Ti	25-35 HRC	
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20	m/min

[illegible]

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



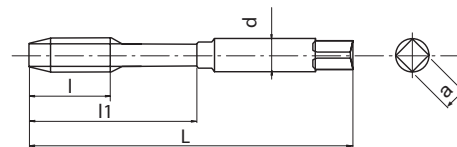






[illegible]

Threading | Cutting taps | BSF



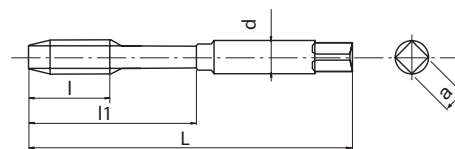
- First choice in quality and performance
- Powder metal spiral-point cutting tap for through holes
- Multilayer TiCN coating
- High speed tapping in general steels, aluminium, stainless steels

BSF

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

42

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 	P 	P 	P 	M 	N 	N 	S 	H 
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	Al, ADC	Ti	25-35 HRC
15-60	15-60	10-60	8-30	8-20	15-35	15-35	5-10	8-20

m/min

[illegible]



shaping your dreams

OSG EUROPE LOGISTICS

Avenue Lavoisier 1
B-1300 Z.I. Wavre - Nord - Belgium
Tel: +32 10 23 05 07
Fax: +32 10 23 05 51
info@osgeurope.com

OSG BELUX

Avenue Lavoisier 1
B-1300 Z.I. Wavre - Nord - Belgium
Tel: +32 10 23 05 11
Fax: +32 10 23 05 31
info@osg-belgium.com

OSG FRANCE

Parc Icade, Paris Nord 2
Immeuble "Le Rimbaud"
22 Avenue des Nations
CS66191 - 93420 Villepinte - France
Tel: +33 1 49 90 10 10
Fax: +33 1 49 90 10 15
sales@osg-france.com

OSG NETHERLANDS

Bedrijfsweg 5 - 3481 MG Harmelen
Tel: +31 348 44 2764
Fax: +31 348 44 2144
info@osg-nl.com

OSG UK

Shelton house, 5 Bentalls
Pipps Hill Ind Est, Basildon Essex SS14 3BY
Tel: +44 845 305 1066
Fax: +44 845 305 1067
sales@osg-uk.com

SLOVAKIA

Branch office of OSG Europe Logistics s.a.
Tel (SK) +421 2 4329 1295
Tel (BE) +32 10 23 05 07
Fax (BE) +32 10 23 05 51
sales-osgsvk@osgeurope.com

OSG POLAND Sp. z o.o.

ul. Spółdzielcza 57
05-074 Halinów - Poland
Tel: +22 760 82 71
Fax: +22 760 82 71
osg@osg-poland.com

OSG GERMANY

Karl-Ehmann-Str. 25
D - 73037 Göppingen - Germany
Tel: +49 7161 6064 - 0
Fax: +49 7161 6064 - 444
info@osg-germany.de

OSG SCANDINAVIA

(For Scandinavian countries)
Langebjergvaenget 16
4000 Roskilde - Denmark
Tel: +45 46 75 65 55
Fax: +45 46 75 67 00
osg@osg-scandinavia.com

SWEDEN

Branch office of OSG SCANDINAVIA
Abrahams Gränd 8
295 35 Bromölla - Sweden
Tel: +46 40 41 22 55
Fax: +46 40 41 32 55
osg@osg-scandinavia.com

OSG COMAHER

Bekolarra 4
E - 01010 Vitoria-Gasteiz - Spain
Tel: +34 945 242 400
Fax: +34 945 228 883
osg-comaher@osg-comaher.com

RUSSIA

Butlerova street, 17B, office 5069
117342 Moscow - Russia
Tel: +7 (495) 150 41 54
info@osg-russia.com

OSG TURKEY

Rami Kışla Cad.No:56 Eyüp
Istanbul 34056 - Turkey
Tel: +90 212 565 24 00
Fax: +90 212 565 44 00
info@osg-turkey.com

ROMSAN INTERNATIONAL CO. SRL

Reprezentant Exclusiv OSG
23-25, Nerva Traian Street
031044 Bucuresti - România
Tel: +40 021 322 07 47
Fax: +40 021 321 56 00
romsan.int@romsan.ro

AUSTRIA

Branch office of OSG GERMANY
Messestraße 11
A-6850 Dornbirn
Tel: +49 7161 6064-0
Fax: +49 7161 6064-444
info@osg-germany.de

OSG ITALIA

Via Cirenaiica n. 52 int. 61/63
I - 10142 Torino - Italy
Tel: +39 0117705211
Fax: +39 0117071402
info@osg-italia.it

WEXO PRÄZISIONSWERKZEUGE GmbH

Siemensstraße 13
D-61352 Bad Homburg
Tel: (06172) 10 62 06
Fax: (06172) 10 62 13
verkauf@wexo.com

OSG EUROPE LOGISTICS S.A.

08/2017 - All rights reserved. © OSG Europe 2017.

The contents of this catalogue are provided to you for viewing only. They are not intended for reproduction either in part or in whole in this or other medium. They cannot be copied, used to create derivation work or used for any reason, by means without the express, written permission of the copyright owner. If prices are stated, they are netto unit-prices and any eventual tax(es) have to be added. The company is not responsible for any printing error in technical, price and/or any other data.

Tool specifications subject to change without notice.

www.osgeurope.com