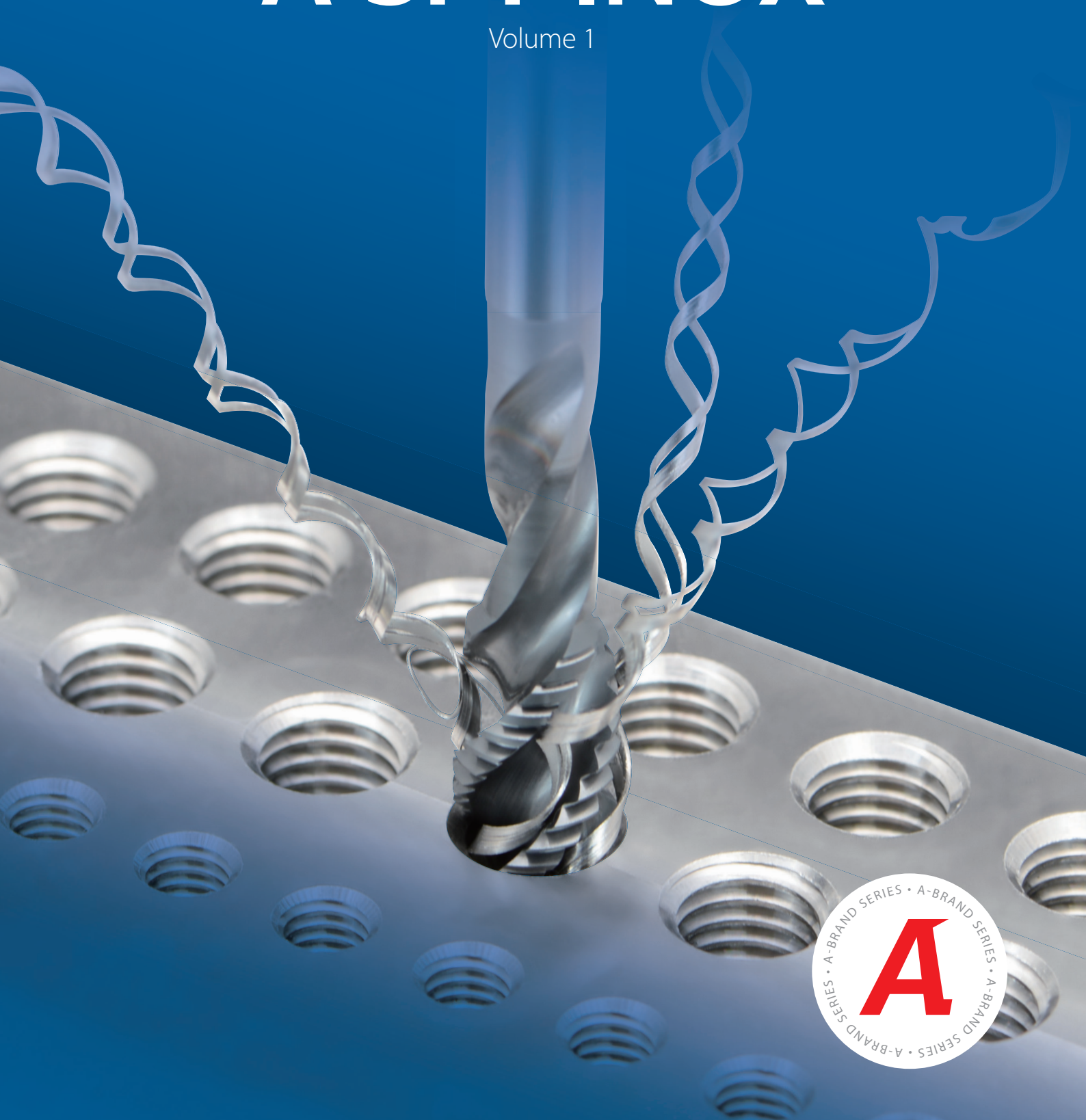




Spiral Flute Tap for Stainless Steel

A-SFT-INOX

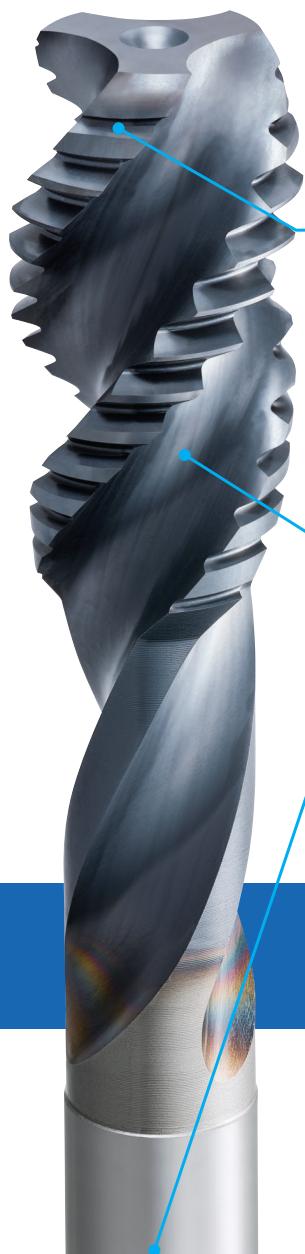
Volume 1



KEY FEATURES: A-SFT-INOX

Are you struggling with chip entanglement when machining tough, ductile stainless steel?

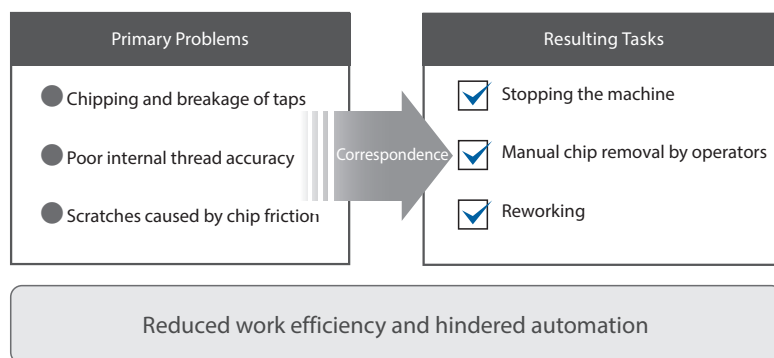
Chip entanglement is the leading cause of reduced tapping efficiency.



Flute design optimized for stainless steel machining

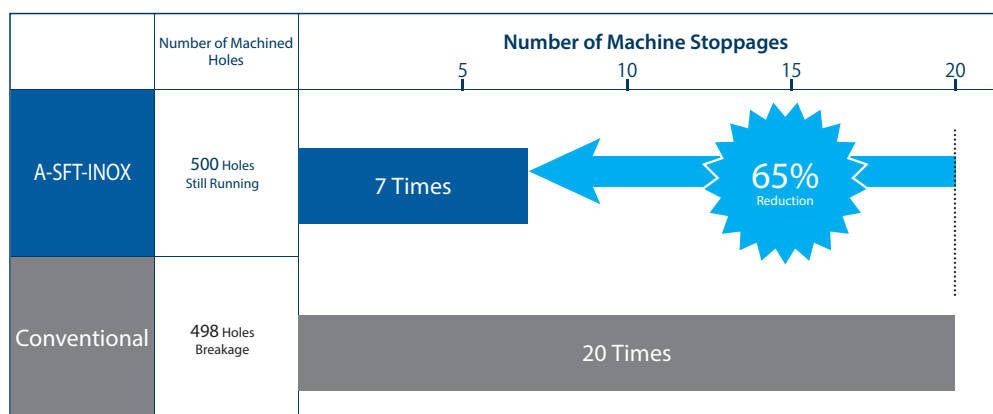
High-performance VI coating developed specifically for taps

Optimal shank length that minimizes chip entanglement



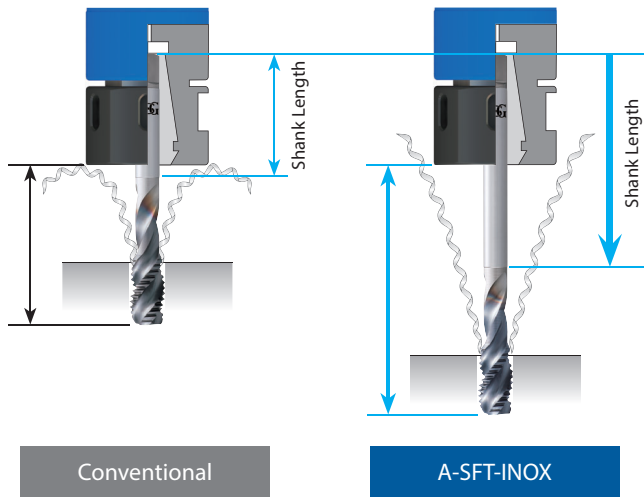
Reduces machine downtime and improves overall productivity

Work Material: SUS316 Tool: M8 X 1,25 2,5P Cutting speed: 7,5m/min.
Tapping length: 16mm (2D)



Smooth chip evacuation for better operational efficiency

Optimal shank length that suppresses chip entanglement

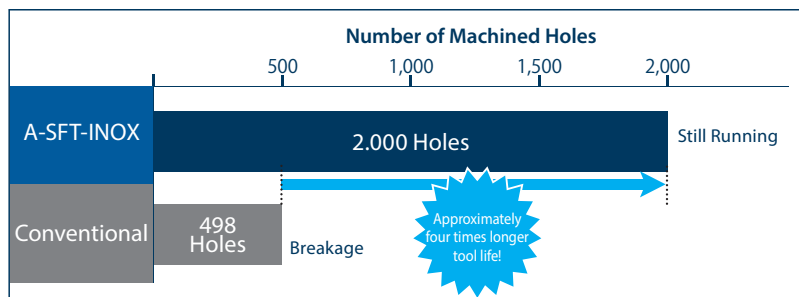


Work Material: SUS304
Tool: M10 X 1,5 2,5P
Cutting speed: 7,5m/min.
Tapping length: 20mm (2D)

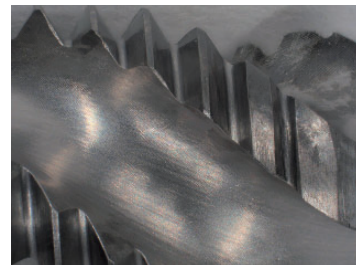


High durability that helps minimize tool-change frequency

Work Material: SUS316 Tool: M8 X 1,25 2,5P Cutting speed: 7,5m/min.
Tapping length: 16mm (2D)



Cutting edge after tapping 2,000 holes



Environmental Considerations

Reducing machine stoppages improves productivity and promotes labor savings

In stainless-steel machining, unstable chip evacuation remains a major challenge. The A-SFT-INOX addresses this issue by reducing machine stoppages caused by chip-related problems, improving productivity and enabling labor savings.

Higher productivity also contributes to reduced power consumption.

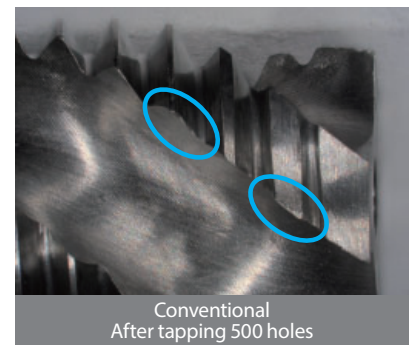
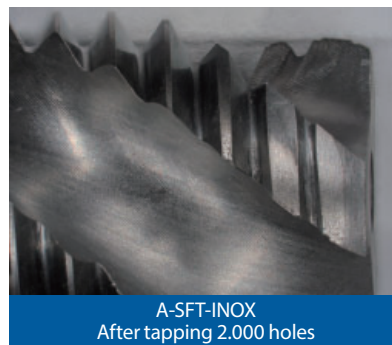
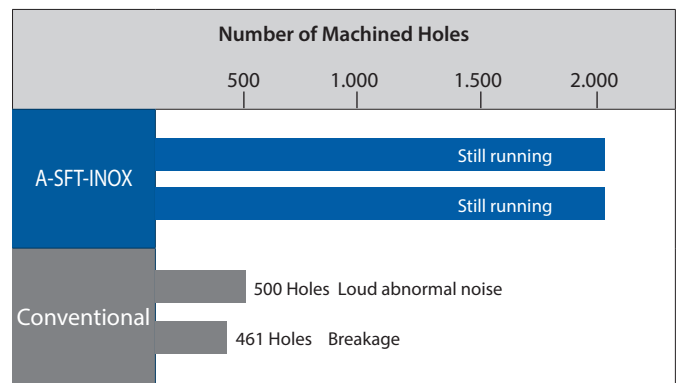


CUTTING DATA

Machining SUS304

Tool	A-SFT-INOX M10 x 1,5 2,5P
Work Material	SUS304
Drill Hole Size	Ø8,5 x 25mm (Through)
Tapping length	20 mm (2D)
Cutting Speed	7,5m/min (239min ⁻¹)
Coolant	Water Soluble Chlorine-Free (5%)
Machine	Vertical Machining Center (BT40)

Enables stable machining of SUS304, one of the most common stainless steels

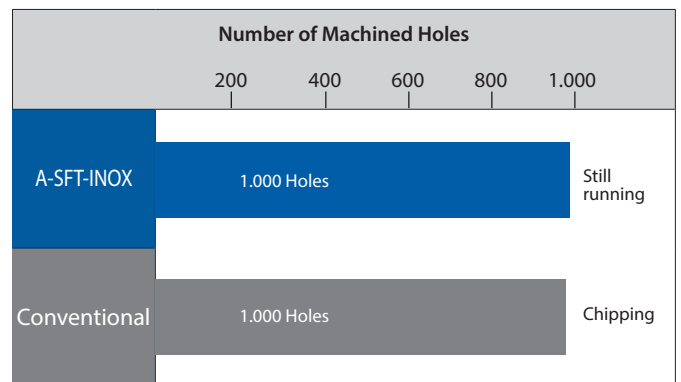


Threading | Cutting taps

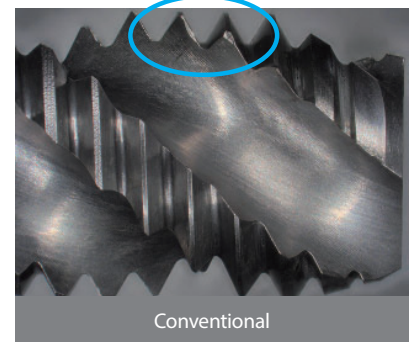
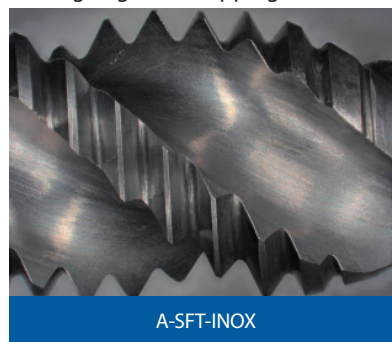
Machining SUS304 on a horizontal machining center

Tool	A-SFT-INOX M8 x 1,25 2,5P
Work Material	SUS304
Drill Hole Size	Ø6,8 x 20mm (Through)
Tapping length	16 mm (2D)
Cutting Speed	7,5m/min (300min ⁻¹)
Coolant	Water Soluble Chlorine-Free (5%)
Machine	Horizontal Machining Center (BT40)

Chip entanglement is suppressed even on a horizontal machining center, enabling stable machining



Cutting edge after tapping 1.000 holes

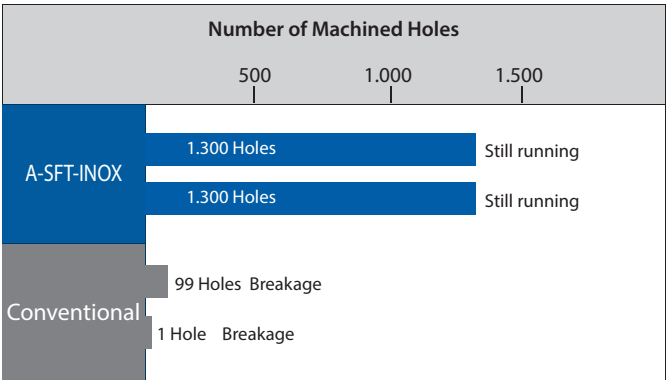


Metric

Machining SUS316

Tool	A-SFT-INOX M4 x 0,7 2,5P
Work Material	SUS316
Drill Hole Size	Ø3,3 x 12mm (Through)
Tapping length	6 mm (1,5D)
Cutting Speed	7,5m/min (597min ⁻¹)
Coolant	Water Soluble Chlorine-Free (5%)
Machine	Vertical Machining Center (BT30)

High durability also achieved in SUS316!



Cutting edge after tapping 1.000 holes

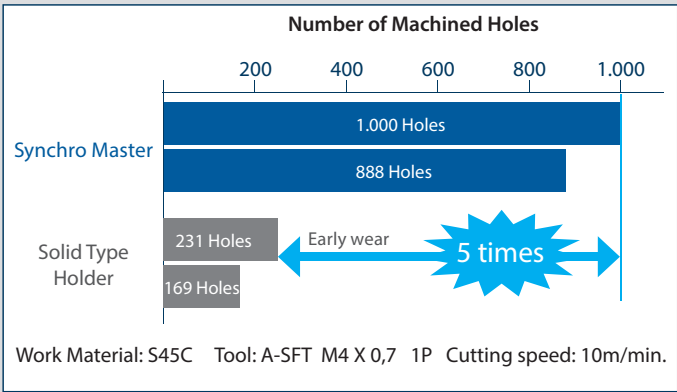


Threading | Cutting taps



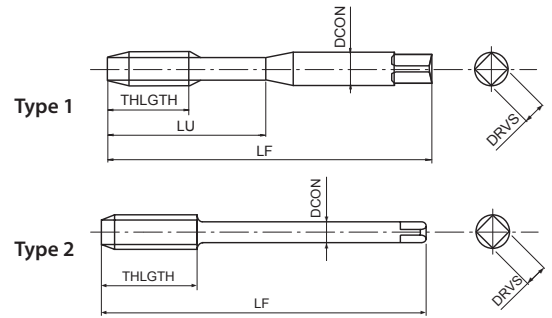
SynchroMaster

Tool damage is reduced and durability is improved through a load-absorbing mechanism



Stable machining even with a one-thread chamfer, which is prone to instability

Threading | Cutting taps | Metric

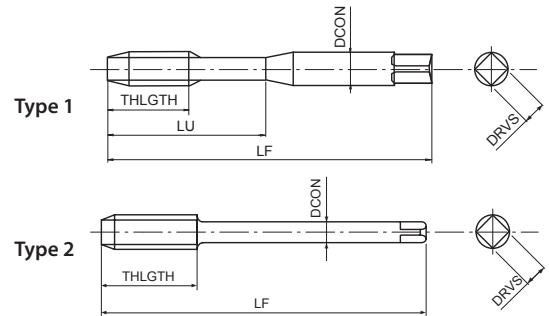


- ## Threading | Cutting taps

Metric

A-SFT-INOX

Threading | Cutting taps | Metric Fine



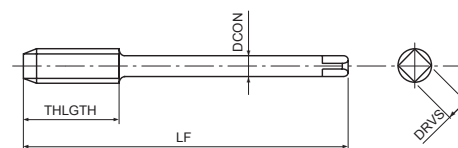
- First choice in quality and performance
- Powder metal spiral-fluted cutting tap for blind holes
- Multilayer VI coating
- Eliminates chip entanglement issues in stainless steel

P ○ C < 0,2%	P ○ 0,25 < C < 0,4	P ○ C ≥ 0,45%	P ○ SCM	M ● INOX	N ○ AC, ADC	
5-20	5-50	5-50	5-30	5-15	5-50	m/min

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

EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	Type	DIN
48455135	2,5	0,35	50	3,6	13	2,8	2,1	2	1	371
48455137	2,6	0,35	50	3,6	13	2,8	2,1	2	1	371
48455141	3	0,35	56	4	18	3,5	2,7	3	1	371
48455143	3,5	0,35	56	4,8	20	4	3	3	1	371
48455146	4	0,35	63	5,6	21	4,5	3,4	3	1	371
48455145	4	0,5	63	5,6	21	4,5	3,4	3	1	371
48455148	4,5	0,5	70	6	25	6	4,9	3	1	371
48455151	5	0,5	70	6,4	25	6	4,9	3	1	371
48455602	6	0,5	80	8	30	6	4,9	3	1	371
48455601	6	0,75	80	8	30	6	4,9	3	1	371
48455160	7	0,75	80	8	30	7	5,5	3	1	371
48455604	8	0,75	80	10	35	8	6,2	3	1	371
48455603	8	1	90	10	35	8	6,2	3	1	371
48455605	9	1	90	10	35	9	7	3	1	371
48455608	10	0,75	90	12	35	10	8	3	1	371
48455607	10	1	90	12	35	10	8	3	1	371
48455606	10	1,25	100	12	39	10	8	3	1	371
48455157	6	0,5	80	8	-	4,5	3,4	3	2	374
48455156	6	0,75	80	8	-	4,5	3,4	3	2	374
48455163	8	0,75	80	8	-	6	4,9	3	2	374
48455162	8	1	90	10	-	6	4,9	3	2	374
48455167	9	1	90	10	-	7	5,5	3	2	374
48455172	10	0,75	90	10	-	7	5,5	3	2	374
48455171	10	1	90	10	-	7	5,5	3	2	374
48455170	10	1,25	100	12	-	7	5,5	3	2	374
48455176	11	1	90	12	-	8	6,2	3	2	374
48455182	12	1	100	12	-	9	7	3	2	374
48455181	12	1,25	100	12	-	9	7	3	2	374
48455180	12	1,5	100	14	-	9	7	3	2	374
48455194	14	1	100	16	-	11	9	3	2	374
48455193	14	1,25	100	16	-	11	9	3	2	374
48455192	14	1,5	100	16	-	11	9	3	2	374
48455204	16	1	100	16	-	12	9	3	2	374
48455203	16	1,5	100	16	-	12	9	3	2	374
48455218	18	1	110	16	-	14	11	4	2	374
48455216	18	1,5	110	16	-	14	11	4	2	374
48455232	20	1	125	16	-	16	12	4	2	374
48455230	20	1,5	125	16	-	16	12	4	2	374
48455220	20	2	140	25	-	16	12	4	2	374
48455241	22	1	125	16	-	18	14,5	4	2	374
48455240	22	1,5	125	16	-	18	14,5	4	2	374
48455239	22	2	140	25	-	18	14,5	4	2	374
48455251	24	1	140	16	-	18	14,5	4	2	374
48455250	24	1,5	140	16	-	18	14,5	4	2	374
48455249	24	2	140	30	-	18	14,5	4	2	374

Threading | Cutting taps | G (BSP)



- ## Threading | Cutting taps

G (BSP)

8

www.osgeurope.com



SWEDEN

Branch office of OSG SCANDINAVIA
Singelgatan 7
212 28 Malmö
Sweden
Tel: +46 40 41 22 55
osg@osg-scandinavia.com

OSG SCANDINAVIA

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

OSG NETHERLANDS

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

OSG UK

Kelsey Close, Attleborough Fields Ind Est,
CV11 6RS, Nuneaton
United Kingdom
Tel: +44 (0) 1827 720 013
uk_sales@osg-uk.com

OSG EUROPE LOGISTICS

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

OSG BELUX

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

OSG IBÉRICA

Bekolarra 4
E - 01010 Vitoria-Gasteiz
Spain
Tel: +34 945 242 400
osg.iberica@osg-ib.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
sales@osg-france.com

OSG ITALY

Via Ferrero, 65 A/B
I - 10098 Rivoli
Italy
Tel: +39 0117705211
info@osg-italia.it



OSG IN EUROPE

CZECH REPUBLIC, SLOVAKIA, HUNGARY

OSG Europe Logistics S.A.
Slovakia, organizačná zložka
Račianska 22/A, Bratislava 831 02
Slovakia
Tel.: +421 24 32 91 295
info@osgeurope.com

OSG POLAND

ul. Spółdzielcza 57
05-074 Halinów
Polska
Tel: +22 760 82 71
Mob. +48 570 677 711
osg@osg-poland.com

OSG ROMANIA SRL

25C, Bucuresti-Magurele Street (Sector 5)
051431 Bucuresti
România
Tel: +40 21 322 07 47
info@osgromania.ro

OSG TURKEY

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

Vischer & Bolli AG

Machining and Workholding
Im Schossacher 17
CH-8600 Dübendorf
Switzerland
Tel.: +41 44 802 15 15
info@vb-tools.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



shaping your dreams

OSG EUROPE LOGISTICS

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

OSG POLAND Sp. z o.o.

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

OSG ROMANIA SRL

25C, Bucuresti-Magurele Street (Sector 5)
051431 Bucuresti - România
Tel: +40 21 322 07 47
info@osgromania.ro

OSG BELUX

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

AUSTRIA

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

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
sales@osg-france.com

OSG SCANDINAVIA

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

OSG ITALIA

Via Ferrero, 65 A/B3
I - 10098 Rivoli - Italy
Tel: +39 0117705211
info@osg-italia.it

OSG NETHERLANDS

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

SWEDEN

Branch office of OSG SCANDINAVIA
Singelgatan 7
212 28 Malmö - Sweden
Tel: +46 40 41 22 55
osg@osg-scandinavia.com

Vischer & Bolli AG

Machining and Workholding
Im Schossacher 17
CH-8600 Dübendorf
T +41 44 802 15 15
info@vb-tools.com

OSG UK

Kelsey Close, Attleborough Fields Ind Est,
CV11 6RS, Nuneaton, United Kingdom.
Tel: +44 1827 720 013
uk_sales@osg-uk.com

OSG IBERICA

Bekolarra 4
E - 01010 Vitoria-Gasteiz - Spain
Tel: +34 945 242 400
osg.iberica@osg-ib.com

CZECH, SLOVAKIA, HUNGARY

OSG Europe Logistics S.A.
Slovakia organizacna zlozka
Racianská 22/A, SK-83102 Bratislava
Slovakia
Tel. +421 24 32 91 295
Orders-osgsvk@osgeurope.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

OSG EUROPE LOGISTICS S.A.

08/2026 - All rights reserved. © OSG Europe 2026

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