



Forming Taps for Stainless Steel and Aluminium Alloys

# M-NRT

Volume 1



## KEY FEATURES : M-NRT

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**1** Low-torque spec with specially designed threading for Inox and aluminum

**2** TiN coating

**3** High wear resistance.  
Powder Metallurgy HSS.

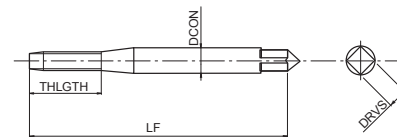
# M-NRT

Threading | Forming taps | Metric

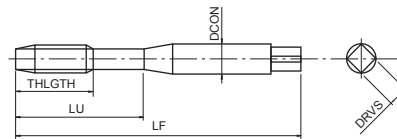


- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum

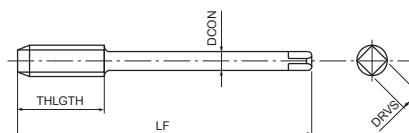
Type 1



Type 2



Type 3



P	P	P	P	M	N	N	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	AC, ADC	m/min
20-30	20-30	15-30	10-20	6-12	10-25	15-40	

M	PM	TiN	ISO 2 6HX	C/2,5			DIN 2174	DIN 2174
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\* Tolerance 4HX

EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0203111*	1	0,25	40	5,5		2,5	2,1	3	0,89	1	DIN2174	
EP0203115*	1,4	0,3	40	7		2,5	2,1	3	1,27	1	DIN2174	
EP0203118	1,6	0,35	40	8		2,5	2,1	3	1,44	1	DIN2174	
EP0203125	2	0,4	45	9		2,8	2,1	3	1,82	1	DIN2174	
EP0203133	2,5	0,45	50	9	14	2,8	2,1	4	2,3	2	DIN2174	
EP0203138	3	0,5	56	10	18	3,5	2,7	4	2,8	2	DIN2174	
EP0203142	3,5	0,6	56	11	20	4	3	4	3,25	2	DIN2174	
EP0203144	4	0,7	63	12	21	4,5	3,4	4	3,7	2	DIN2174	
EP0203147	4,5	0,75	70	14	25	6	4,9	4	4,15	2	DIN2174	
EP0203149	5	0,8	70	14	25	6	4,9	5	4,65	2	DIN2174	
EP0203152	5,5	0,9	80	14	30	6	4,9	5	5,1	2	DIN2174	
EP0203155	6	1	80	16	30	6	4,9	5	5,55	2	DIN2174	
EP0203158	7	1	80	16	30	7	5,5	5	6,55	2	DIN2174	
EP0203161	8	1,25	90	18	35	8	6,2	5	7,45	2	DIN2174	
EP0203165	9	1,25	90	18	35	9	7	5	8,45	2	DIN2174	
EP0203169	10	1,5	100	20	39	10	8	5	9,35	2	DIN2174	
EP0203175	11	1,5	100	22		8	6,2	5	10,35	3	DIN2174	
EP0203179	12	1,75	110	24		9	7	5	11,2	3	DIN2174	
EP0203191	14	2	110	25		11	9	6	13,1	3	DIN2174	
EP0203202	16	2	110	27		12	9	6	15,1	3	DIN2174	
EP0203214	18	2,5	125	32		14	11	7	16,8	3	DIN2174	
EP0203228	20	2,5	140	32		16	12	7	18,8	3	DIN2174	
EP0203238	22	2,5	140	32		18	14,5	7	20,8	3	DIN2174	
EP0203247	24	3	160	36		18	14,5	7	22,6	3	DIN2174	



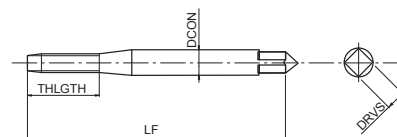
# M-NRT 6GX

Threading | Forming taps | Metric

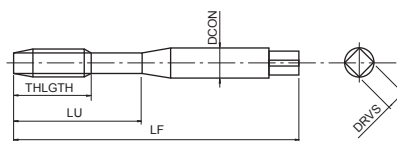


- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- For 6G internal thread tolerance

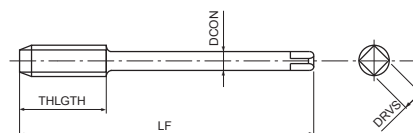
Type 1



Type 2



Type 3



<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>M</b>	<b>N</b>	<b>N</b>	
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	AC,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	m/min

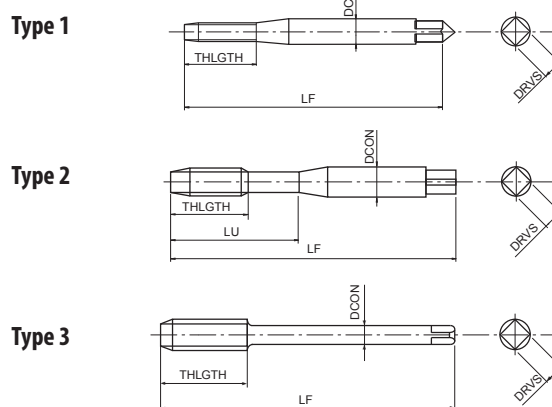
M	PM	TiN	ISO 3 6GX	C/2,5			DIN 2174
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EDP	TD	TP	oversize	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0204125	2	0,4	0,019	45	9		2,8	2,1	3	1,82	1	DIN2174	
EP0204133	2,5	0,45	0,020	50	9	14	2,8	2,1	4	2,3	2	DIN2174	
EP0204138	3	0,5	0,020	56	10	18	3,5	2,7	4	2,8	2	DIN2174	
EP0204142	3,5	0,6	0,021	56	11	20	4	3	4	3,25	2	DIN2174	
EP0204144	4	0,7	0,022	63	12	21	4,5	3,4	4	3,7	2	DIN2174	
EP0204149	5	0,8	0,024	70	14	25	6	4,9	5	4,65	2	DIN2174	
EP0204155	6	1	0,026	80	16	30	6	4,9	5	5,55	2	DIN2174	
EP0204161	8	1,25	0,028	90	18	35	8	6,2	5	7,45	2	DIN2174	
EP0204169	10	1,5	0,032	100	20	39	10	8	5	9,35	2	DIN2174	
EP0204179	12	1,75	0,034	110	24		9	7	5	11,2	3	DIN2174	
EP0204191	14	2	0,038	110	25		11	9	6	13,1	3	DIN2174	
EP0204202	16	2	0,038	110	27		12	9	6	15,1	3	DIN2174	



# M-NRT FORM E

Threading | Forming taps | Metric



- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- Chamfer Form E

Threading | Forming taps

<b>P</b> C < 0,2%	<b>P</b> 0,25 < C < 0,4	<b>P</b> C > 0,45%	<b>P</b> SCM	<b>M</b> INOX	<b>N</b> Al	<b>N</b> AC,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	m/min

<b>M</b>	<b>PM</b>	<b>TiN</b>	<b>ISO 2 6HX</b>	<b>E/1,5</b>	<b>DIN 2174</b>	<b>DIN 2174</b>
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EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0205125	2	0,4	45	9		2,8	2,1	3	1,82	1	DIN2174	
EP0205133	2,5	0,45	50	9	14	2,8	2,1	4	2,3	2	DIN2174	
EP0205138	3	0,5	56	10	18	3,5	2,7	4	2,8	2	DIN2174	
EP0205142	3,5	0,6	56	11	20	4	3	4	3,25	2	DIN2174	
EP0205144	4	0,7	63	12	21	4,5	3,4	4	3,7	2	DIN2174	
EP0205149	5	0,8	70	14	25	6	4,9	5	4,65	2	DIN2174	
EP0205155	6	1	80	16	30	6	4,9	5	5,55	2	DIN2174	
EP0205161	8	1,25	90	18	35	8	6,2	5	7,45	2	DIN2174	
EP0205169	10	1,5	100	20	39	10	8	5	9,35	2	DIN2174	
EP0205179	12	1,75	110	24		9	7	5	11,2	3	DIN2174	
EP0205191	14	2	110	25		11	9	6	13,1	3	DIN2174	
EP0205202	16	2	110	27		12	9	6	15,1	3	DIN2174	

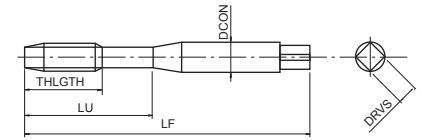
Metric

# M-OIL-NRT FORM E

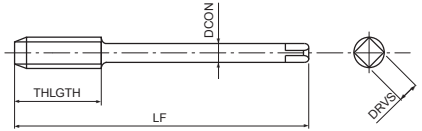
Threading | Forming taps | Metric



Type 1



Type 2



- Powder metal forming tap for blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- Chamfer Form E, center through coolant

C <0,2%	0,25<C<0,4	C>0,45%	SCM	INOX	AI	AC,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	m/min

M	PM	TiN	ISO 2 6HX	E/1,5	CUT	DIN 2174	DIN 2174
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EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0207149	5	0,8	70	14	25	6	4,9	5	4,65	1	DIN2174	
EP0207155	6	1	80	16	30	6	4,9	5	5,55	1	DIN2174	
EP0207161	8	1,25	90	18	35	8	6,2	5	7,45	1	DIN2174	
EP0207169	10	1,5	100	20	39	10	8	5	9,35	1	DIN2174	
EP0207179	12	1,75	110	24	-	9	7	5	11,2	2	DIN2174	
EP0207191	14	2	110	25	-	11	9	6	13,1	2	DIN2174	
EP0207202	16	2	110	27	-	12	9	6	15,1	2	DIN2174	

Threading | Forming taps



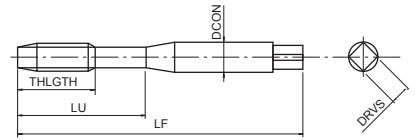
Metric

# M-NRT

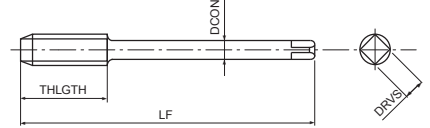
Threading | Forming taps | Metric Fine



Type 1



Type 2



- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum

Threading | Forming taps

Material selection icons: P (C < 0,2%), P (0,25 < C < 0,4), P (C > 0,45%), P (SCM), M (INOX), N (Al), N (AC, ADC), speed m/min, and coating/finish options: MF, PM, TiN, ISO 2 6HX, C/2,5, and DIN 2174.

Metric Fine

EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0203145	4	0,5	63	8	21	4,5	3,4	4	3,8	1	DIN2174	
EP0203151	5	0,5	70	9	25	6	4,9	5	4,8	1	DIN2174	
EP0203157	6	0,5	80	10	30	6	4,9	5	5,8	1	DIN2174	
EP0203156	6	0,75	80	14	30	6	4,9	5	5,65	1	DIN2174	
EP0203160	7	0,75	80	14	30	7	5,5	5	6,65	1	DIN2174	
EP0203164	8	0,5	80	10	35	8	6,2	5	7,775	1	DIN2174	
EP0203163	8	0,75	80	14	35	8	6,2	5	7,65	1	DIN2174	
EP0203162	8	1	90	18	35	8	6,2	5	7,55	1	DIN2174	
EP0203171	10	1	90	18	39	10	8	5	9,55	1	DIN2174	
EP0203170	10	1,25	100	20	39	10	8	5	9,45	1	DIN2174	
EP0203182	12	1	100	22		9	7	5	11,55	2	DIN2174	
EP0203181	12	1,25	100	22		9	7	5	11,45	2	DIN2174	
EP0203180	12	1,5	100	22		9	7	5	11,35	2	DIN2174	
EP0203194	14	1	100	22		11	9	6	13,55	2	DIN2174	
EP0203193	14	1,25	100	22		11	9	6	13,45	2	DIN2174	
EP0203192	14	1,5	100	22		11	9	6	13,35	2	DIN2174	
EP0203204	16	1	100	20		12	9	6	15,55	2	DIN2174	
EP0203203	16	1,5	100	20		12	9	6	15,35	2	DIN2174	
EP0203218	18	1	110	25		14	11	7	17,55	2	DIN2174	
EP0203216	18	1,5	110	25		14	11	7	17,35	2	DIN2174	
EP0203232	20	1	125	25		16	12	7	19,55	2	DIN2174	
EP0203230	20	1,5	125	25		16	12	7	19,35	2	DIN2174	
EP0203240	22	1,5	125	25		18	14,5	7	21,35	2	DIN2174	
EP0203250	24	1,5	140	28		18	14,5	7	23,35	2	DIN2174	





## SWEDEN

Branch office of OSG SCANDINAVIA  
Abrahams Gränd 8  
295 35 Bromölla  
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  
Fax: +31 348 44 2144  
info@osg-nl.com

## OSG UK

Shelton house, 5 Bentalls  
Pipps Hill Ind Est, Basildon Essex SS14 3BY  
United Kingdom  
Tel: +44 1268 567660  
Fax: +44 1268 567661  
sales@osg-uk.com

## 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 IBÉRICA

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

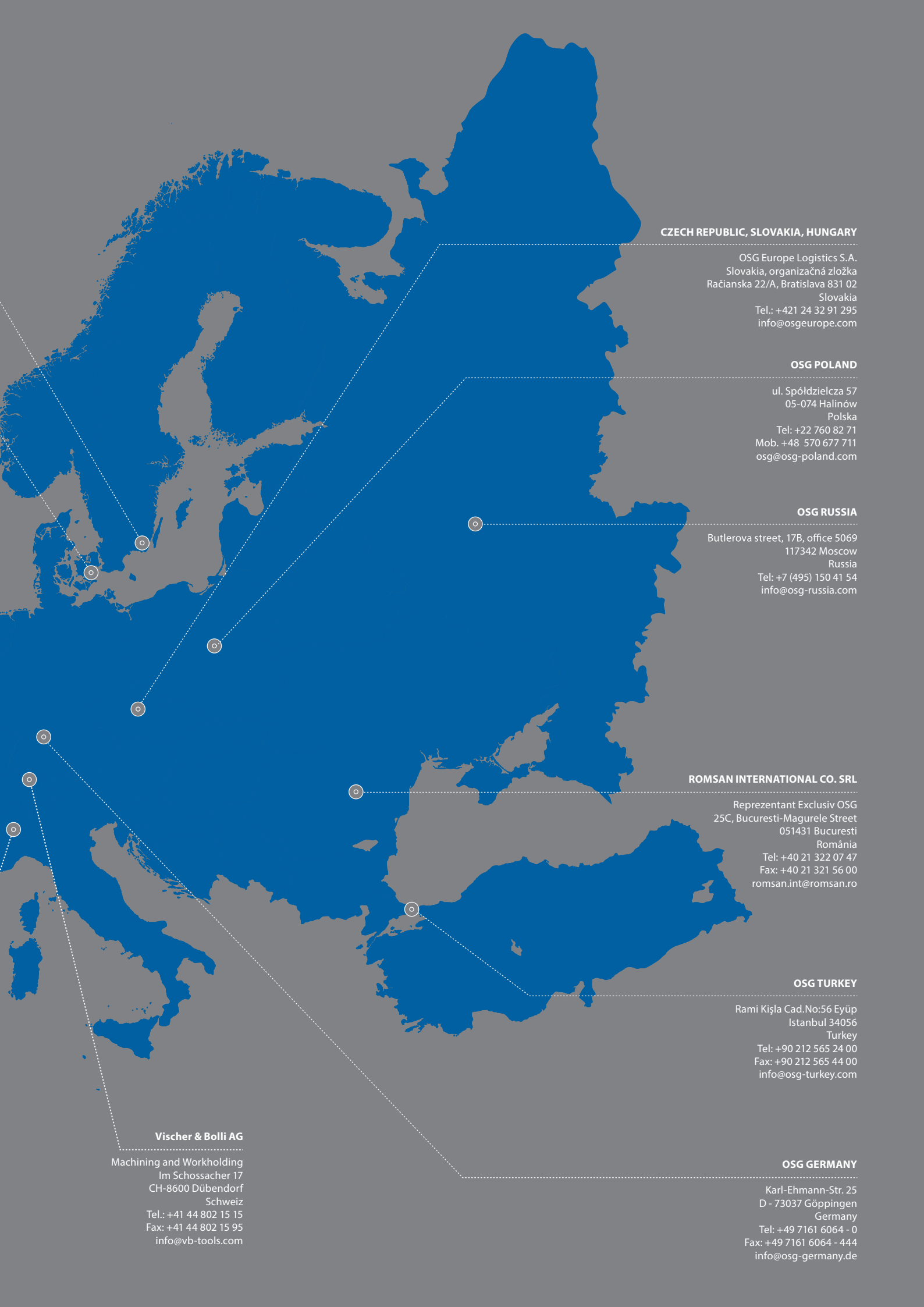
## OSG FRANCE

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

## OSG ITALY

Via Ferrero, 65 A/B  
I - 10098 Rivoli  
Italian  
Tel: +39 0117705211  
Fax: +39 0117705215  
info@osg-italia.it





**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 RUSSIA**

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

**ROMSAN INTERNATIONAL CO. SRL**

Reprezentant Exclusiv OSG  
25C, Bucuresti-Magurele Street  
051431 Bucuresti  
România  
Tel: +40 21 322 07 47  
Fax: +40 21 321 56 00  
romsan.int@romsan.ro

**OSG TURKEY**

Rami Kişla Cad.No:56 Eyüp  
Istanbul 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  
Schweiz  
Tel.: +41 44 802 15 15  
Fax: +41 44 802 15 95  
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  
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 1268 567 660  
Fax: +44 1268 567 661  
sales@osg-uk.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 POLAND Sp. z.o.o.**

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 IBERICA**

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

#### **RUSSIA**

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

#### **OSG TURKEY**

Rami Kişla 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  
25C, Bucuresti-Magurele Street  
051431 Bucuresti - România  
Tel: +40 21 322 07 47  
Fax: +40 21 321 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 Ferrero, 65 A/B  
I - 10098 Rivoli - Italy  
Tel: +39 0117705211  
Fax: +39 0117705215  
info@osg-italia.it

#### **Vischer & Bolli AG**

Machining and Workholding  
Im Schossacher 17  
CH-8600 Dübendorf  
T +41 44 802 15 15  
F +41 44 802 15 95  
info@vb-tools.com

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