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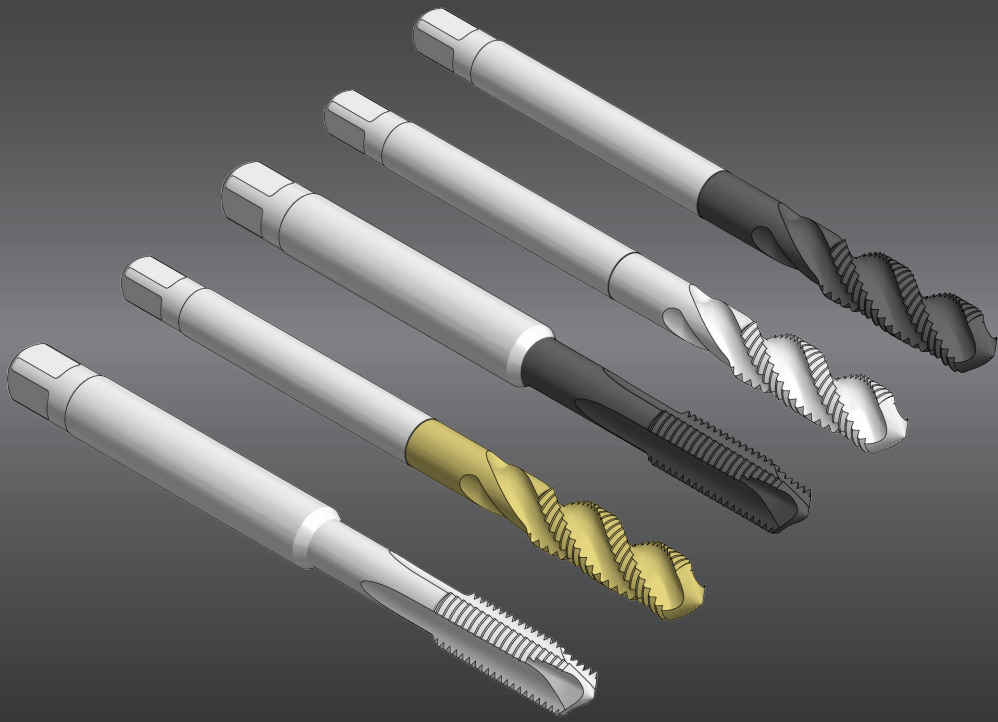
# MASCHI

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# TAPS

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2024



INFORMAZIONI TECNICHE  
TECHINCAL INFORMATION

PAG. 2

MASCHI A MACCHINA AD ALTO RENDIMENTO  
HIGH PERFORMANCE MACHINE TAPS

NOVITÀ  
NEW

TOP TAP

HSSE-PM

H1

DIN371- DIN376

PAG. 3

Gruppo di maschi a macchina destinati alla filettatura ad alte prestazioni in una vasta gamma di materiali come acciaio, acciaio inossidabile, ghisa, metalli non ferrosi, leghe resistenti al calore e leghe di titanio.

Group of machine taps intended for high performance thread cutting in a wide range of material such as steel, stainless steel, cast iron, non-ferrous metals, heat-resistant alloys, and titanium alloys.



FAN

HSSE-PM

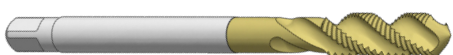
S1

DIN371- DIN376

PAG. 4

Per acciai difficili da lavorare, legati ad alta resistenza, temprati e rinvenuti fino a 38 HRC, 800 MPa  $\leq$  Rm  $\leq$  1200 MPa.

For tool and difficult to process steels with tensile strength of Rm  $\leq$  1200 Mpa and for heat treated steels up to 38 HRC.



800X

HSSE

T2

DIN371- DIN376- DIN374

PAG. 5-6

I maschi 800x sono la soluzione per una vasta gamma di materiali da lavorazione inclusi gli acciai inossidabili.

L'innovativa tecnologia di costruzione garantisce una alta precisione ed efficacia di lavorazione aumentando la vita dell'utensile.

Taps 800X are the best choice for large range of application also for processing of stainless steel.

Innovative production technologies guaranties high precision and machining efficiency plus increased tool life.



800

HSSE

DIN371- DIN376

PAG. 7

Per acciai da costruzione, da cementazione, basso-legato, 600 MPa  $\leq$  Rm  $\leq$  800 MPa.

For structural, free machining and low alloy steels with tensile strength 600 MPa  $\leq$  Rm  $\leq$  800 Mpa.



INOX

HSSE

DIN371- DIN376

PAG. 8

Per acciai legati, inossidabili e resistenti agli acidi, Rm  $\leq$  1000 MPa.

For high alloy steels, stainless and acid resistant steels with tensile strength of Rm  $\leq$  1000 MPa.

MASCHI A RULLARE  
FORMING TAPS

NOVITÀ  
NEW

WGN

HSSE-PM

T2

C1

DIN371- DIN376

PAG. 9

I maschi a rullare WGN sono progettati per la formatura plastica di filettature in materiali come acciaio e acciaio inossidabile con una resistenza alla trazione fino a 1000 MPa e metalli non ferrosi.

La lavorazione senza trucioli garantisce un'elevata sicurezza di processo.

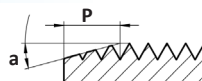
L'utensile è realizzato in acciaio HSSE-PM ottenuto mediante tecnologia di metallurgia delle polveri, che garantisce una struttura uniforme e un'elevata resistenza all'usura.

The WGN forming taps are designed for plastic forming of threads in materials such as steel and stainless steel with a tensile strength of up to 1000 MPa, and non-ferrous metals. The chip-free machining ensures high process safety.

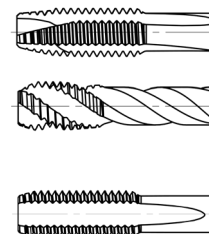
The tool is made of HSSE-PM steel obtained by powder metallurgy technology, which guarantees a uniform structure and high wear resistance.

## INFORMAZIONI TECNICHE

### TECHNICAL INFORMATION



	SCANALATURE / FLUTES	FORMA	a	P	
MASCHI A MACCHINA MACHINE TAPS	Dritte con imbocco corretto Straight with spiral point	B	8°	4-5P	Per fori passanti For open holes
	Elicoidali Spiral	C	17°	2-3P	Per fori ciechi For blind holes
MASCHI A RULLARE FORMING TAPS	Dritte Straight	C	8,5°	2-3P	Per fori passanti e ciechi For open and blind holes
		E	11,5°	1,5-2P	



RIVESTIMENTO / COATING	
T2	TiAlN+TiN
H1	TiAlN+WC/C
S1	TiAlSiN
C1	TiN+TiCN

MATERIALE / MATERIAL	
HSSE	acciaio superrapido al cobalto high speed cobalt steel
HSSE-PM	acciaio da polveri - sinterizzato high speed powder steel

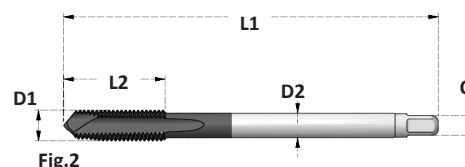
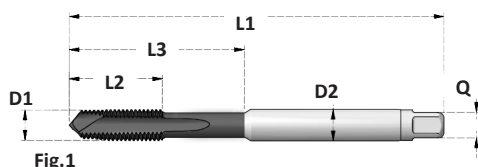
## GRUPPI E CAMPI DI APPLICAZIONE

### GROUPS AND RANGE OF APPLICATION

ACCIAIO / STEEL					Rm	HRC
P	Acciaio al carbonio Carbon steel	P1	Acciaio dolce / magnetico	Free cutting steel	750	-
		P2	Acciaio non legato - Da costruzione, da cementazione	Non-alloyed steel C ≤ 0,55 %	650	-
		P3	Acciaio non legato - al carbonio	Non-alloyed steel C > 0,55 %	650	-
		P4	Acciaio non legato - bonificato	Non-alloyed steel C ≤ 0,55 %	700	-
		P5	Acciaio non legato - bonificato	Non-alloyed steel C ≤ 0,55 %	1000	32
	Acciaio basso-legato Low-alloyed steel	P6	Acciaio basso-legato	Low-alloyed steel	600	-
		P7	Acciaio basso-legato bonificato	Low-alloyed steel	1000	32
		P8	Acciaio basso-legato bonificato	Low-alloyed steel	1200	41
		P9	Acciaio basso-legato bonificato	Low-alloyed steel	1400	45
	Acciaio legato High-alloyed steel	P10	Acciaio legato / per utensili	High-alloyed steel and high-alloyed tool steel	700	-
		P11	Acciaio legato / per utensili	High-alloyed steel and high-alloyed tool steel	1000	32
	Acciaio inossidabile Stainless steel	P12	Acciaio legato / per utensili	High-alloyed steel and high-alloyed tool steel	1400	45
		P13	Inossidabile ferritico, martensitico	Stainless steel ferritic/martensitic	700	-
		P14	Inossidabile martensitico	Stainless steel martensitic	1100	34
ACCIAIO INOSSIDABILE / STAINLESS STEEL					Rm	HRC
M	Acciaio inossidabile Stainless steel	M1	Austenitico	Austenitic	700	-
		M2	Austenitico	Austenitic	1000	32
		M3	Ferritico+austenitico (Duplex)	Duplex	800	23
GHISA / CAST IRON					Rm	HRC
K	Ghisa Cast iron	K1	Ghisa grigia (GJL)	Grey cast iron (GJL)	400	-
		K2	Ghisa con grafite vermiculare (GJV) CGI	Cast iron with vermicular graphite	550	-
		K3	Ghisa malleabile (GJMW / GJMB)	Malleable cast iron	500	-
		K4	Ghisa malleabile (GJMB)	Malleable cast iron	800	-
		K5	Ghisa con grafite sferoidale (GJS)	Cast iron with spheroidal graphite	700	-
			Ghisa con grafite sferoidale (GJS) ADI	Cast iron with spheroidal graphite	1400	45
METALLI NON FERROSI / NON-FERROUS METALS					Rm	HRC
N	Metalli non-ferrosi Non-ferrous Metals	N3	Leghe di alluminio da getto e deformazione plastica con Si < 12%	Cast aluminium alloys	250	-
		N4	Leghe di alluminio da getto e deformazione plastica con Si < 12%	Cast aluminium alloys	300	-
		N5	Leghe di alluminio da getto e deformazione plastica con Si > 12%	Cast aluminium alloys	450	-
		N6	Magnesio e leghe di magnesio	Magnesium alloys	250	-
		N7	Rame / leghe di rame	Copper and copper alloys	350	-
		N8	Rame / leghe di rame truciolo lungo	Copper and copper alloys, long-chipping	600	-
		N9	Rame / leghe di rame truciolo corto	Copper and copper alloys, short-chipping	400	-
		N10	Rame / leghe di rame	Copper and copper alloys	1000	32

MASCHI TOP TAP- RIVESTITI

TOP TAP - COATED



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
600 PMH1 0030	M 3	0,50	56	5	18	3,5	2,7	2,50	1
600 PMH1 0040	M 4	0,70	63	7	21	4,5	3,4	3,30	1
600 PMH1 0050	M 5	0,80	70	8	25	6,0	4,9	4,20	1
600 PMH1 0060	M 6	1,00	80	10	30	6,0	4,9	5,00	1
600 PMH1 0080	M 8	1,25	90	13	35	8,0	6,2	6,80	1
600 PMH1 0100	M 10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM B

ISO	Vc (m/min)
P	5-40
M	5-15
K	10-30
N	10-30

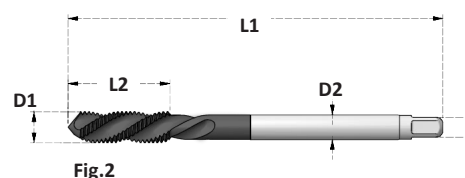
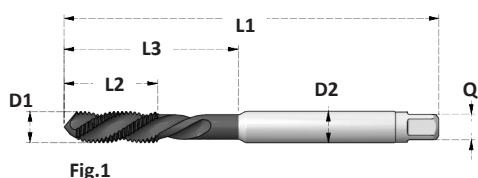
FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
601 PMH1 0080	M8	1,25	90	15		6,0	4,90	6,80	2
601 PMH1 0100	M10	1,50	100	17		7,0	5,50	8,50	2
601 PMH1 0120	M 12	1,75	110	18		9,0	7,0	10,20	2
601 PMH1 0140	M 14	2,00	110	20		11,0	9,0	12,00	2
601 PMH1 0160	M 16	2,00	110	20		12,0	9,0	14,00	2
601 PMH1 0180	M 18	2,50	125	25		14,0	11,0	15,50	2
601 PMH1 0200	M 20	2,50	140	25		16,0	12,0	17,50	2

DIN 376

FORM B



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI CIECHI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
645 PMH1 0030	M 3	0,50	56	5	18	3,5	2,7	2,50	1
645 PMH1 0040	M 4	0,70	63	7	21	4,5	3,4	3,30	1
645 PMH1 0050	M 5	0,80	70	8	25	6,0	4,9	4,20	1
645 PMH1 0060	M 6	1,00	80	10	30	6,0	4,9	5,00	1
645 PMH1 0080	M 8	1,25	90	13	35	8,0	6,2	6,80	1
645 PMH1 0100	M 10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM C-R45

ISO	Vc (m/min)
P	5-40
M	5-15
K	10-30
N	10-30

FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI CIECHI

ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES

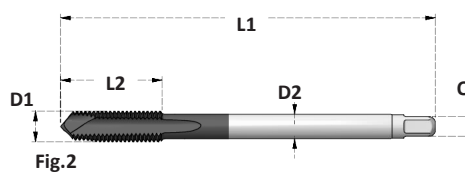
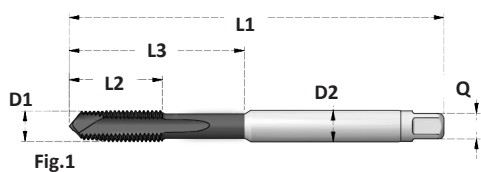
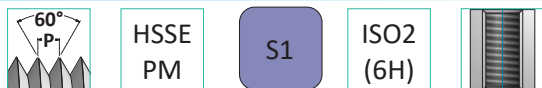
Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
646 PMH1 0080	M8	1,25	90	15		6,0	4,90	6,80	2
646 PMH1 0100	M10	1,50	100	17		7,0	5,50	8,50	2
646 PMH1 0120	M 12	1,75	110	18		9,0	7,0	10,20	2
646 PMH1 0140	M 14	2,00	110	20		11,0	9,0	12,00	2
646 PMH1 0160	M 16	2,00	110	20		12,0	9,0	14,00	2
646 PMH1 0180	M 18	2,50	125	25		14,0	11,0	15,50	2
646 PMH1 0200	M 20	2,50	140	25		16,0	12,0	17,50	2

DIN 376

FORM C-R45

**MASCHI FAN1200- RIVESTITI**

*TAPS FAN1200 - COATED*



**FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI**

*WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN HOLES*

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
300 1041 0040	M 4	0,70	63	12	21	4,5	3,4	3,30	1
300 1041 0050	M 5	0,80	70	14	25	6,0	4,9	4,20	1
300 1041 0060	M 6	1,00	80	18	30	6,0	4,9	5,00	1
300 1041 0080	M 8	1,25	90	20	35	8,0	6,2	6,80	1
300 1041 0100	M 10	1,50	100	20	39	10,0	8,0	8,50	1

DIN 371

FORM B

ISO	Vc (m/min)
P	5-35
M	5-15
K	5-25
N	10-30

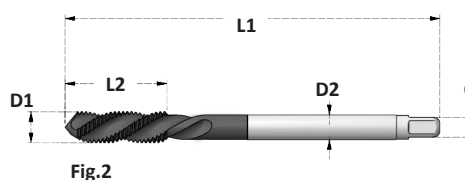
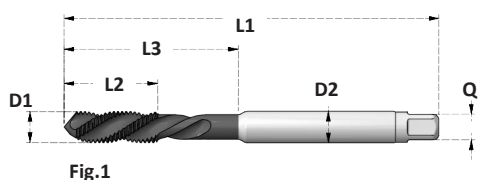
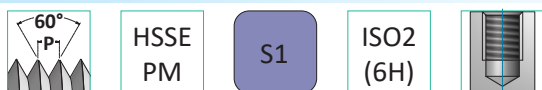
**FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI**

*WITH ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES*

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
301 1041 0120	M 12	1,75	110	24		9,0	7,0	10,20	2
301 1041 0160	M 16	2,00	110	32		12,0	9,0	14,00	2
301 1041 0200	M 20	2,50	140	32		16,0	12,0	17,50	2

DIN 376

FORM B



**FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI CIECHI**

*WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR BLIND HOLES*

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
340 1041 0040	M 4	0,70	63	7	21	4,5	3,4	3,30	1
340 1041 0050	M 5	0,80	70	8	25	6,0	4,9	4,20	1
340 1041 0060	M 6	1,00	80	10	30	6,0	4,9	5,00	1
340 1041 0080	M 8	1,25	90	13	35	8,0	6,2	6,80	1
340 1041 0100	M 10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM C-R40

ISO	Vc (m/min)
P	5-35
M	5-10
K	5-25
N	10-30

**FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI CIECHI**

*ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES*

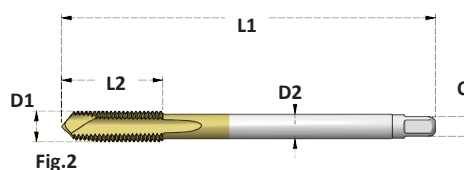
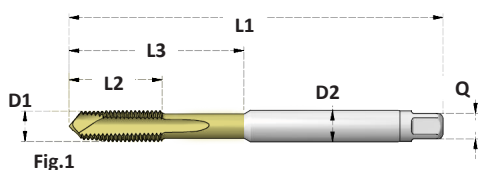
Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
341 1041 0120	M 12	1,75	110	18		9,0	7,0	10,20	2
341 1041 0160	M 16	2,00	110	20		12,0	9,0	14,00	2
341 1041 0200	M 20	2,50	140	25		16,0	12,0	17,50	2

DIN 376

FORM C-R40

MASCHI 800X - RIVESTITI

TAPS 800X - COATED



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
800X TN2 0030	M3	0,50	56	10	18	3,5	2,7	2,50	1
800X TN2 0040	M4	0,70	63	12	21	4,5	3,4	3,30	1
800X TN2 0050	M5	0,80	70	14	25	6,0	4,9	4,20	1
800X TN2 0060	M6	1,00	80	18	30	6,0	4,9	5,00	1
800X TN2 0080	M8	1,25	90	20	35	8,0	6,2	6,80	1
800X TN2 0100	M10	1,50	100	20	39	10,0	8,0	8,50	1

DIN 371

FORM B

ISO	Vc (m/min)
P	5-35
M	5-15
K	5-25
N	10-30

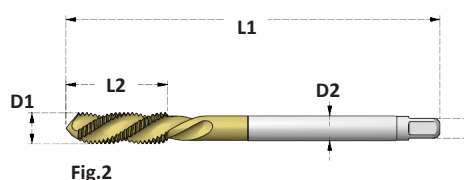
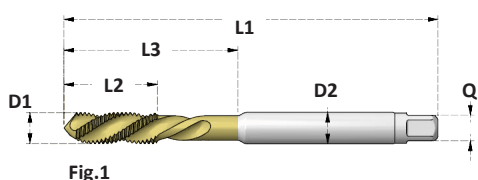
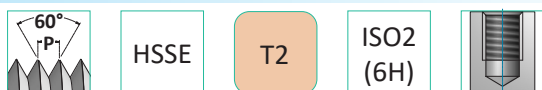
FILETTATURA METRICA A PASSO FINE - CODOLO PASSANTE - PER FORI PASSANTI

ISO METRIC FINE THREAD DIN13- REDUCED SHANK - FOR OPEN HOLES

Articolo	D1 MF	P	L1	L2	D2	Q	∅ preforo	Fig
800X TN2 0083	M8x1	1,00	90	20	6,0	4,9	7,00	2
800X TN2 0103	M10x1	1,00	90	20	7,0	5,5	9,00	2
800X TN2 0104	M10x1,25	1,25	100	20	7,0	5,5	8,80	2

DIN 374

FORM B



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI CIECHI

ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
835X TN2 0030	M3	0,50	56	5	18	3,5	2,7	2,50	1
835X TN2 0040	M4	0,70	63	7	21	4,5	3,4	3,30	1
835X TN2 0050	M5	0,80	70	8	25	6,0	4,9	4,20	1
835X TN2 0060	M6	1,00	80	10	30	6,0	4,9	5,00	1
835X TN2 0080	M8	1,25	90	13	35	8,0	6,2	6,80	1
835X TN2 0100	M10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM C-R40

ISO	Vc (m/min)
P	5-35
M	5-15
K	5-25
N	10-30

FILETTATURA METRICA A PASSO FINE - CODOLO PASSANTE - PER FORI CIECHI

ISO METRIC FINE THREAD DIN13- REDUCED SHANK - FOR BLIND HOLES

Articolo	D1 MF	P	L1	L2	D2	Q	∅ preforo	Fig
835X TN2 0083	M8x1	1,00	90	13	6,0	4,9	7,00	2
835X TN2 0103	M10x1	1,00	90	13	7,0	5,5	9,00	2
835X TN2 0104	M10x1,25	1,25	100	15	7,0	5,5	8,80	2

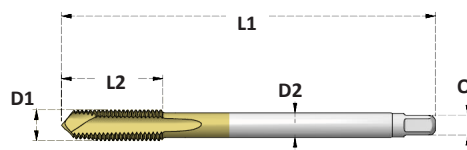
DIN 374

FORM C-R40

**MASCHI 800X - RIVESTITI***TAPS 800X - COATED*

HSSE

T2

ISO2  
(6H)**FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI***WITH ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES*

Articolo	D1	P	L1	L2	D2	Q	∅ preforo
<b>801X TN2 0120</b>	M12	1,75	110	24	9,0	7,0	10,20
<b>801X TN2 0140</b>	M14	2,00	110	25	11,0	9,0	12,00
<b>801X TN2 0160</b>	M16	2,00	110	32	12,0	9,0	14,00
<b>801X TN2 0180</b>	M18	2,50	125	32	14,0	11,0	15,50
<b>801X TN2 0200</b>	M20	2,50	140	32	16,0	12,0	17,50

DIN  
376FORM  
B

ISO	Vc (m/min)
<b>P</b>	5-35
<b>M</b>	5-15
<b>K</b>	5-25
<b>N</b>	10-30

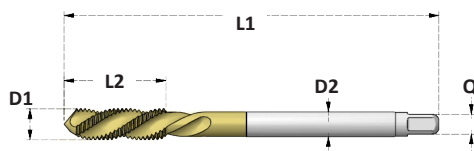
**FILETTATURA METRICA A PASSO FINE - CODOLO PASSANTE - PER FORI PASSANTI***ISO METRIC FINE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES*

Articolo	D1 MF	P	L1	L2	D2	Q	∅ preforo
<b>801X TN2 0125</b>	M12x1,5	1,50	100	20	9,0	7,0	10,50
<b>801X TN2 0145</b>	M14x1,5	1,50	100	20	11,0	9,0	12,50
<b>801X TN2 0165</b>	M16x1,5	1,50	100	20	12,0	9,0	14,50

DIN  
374FORM  
B

HSSE

T2

ISO2  
(6H)**FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI CIECHI***ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES*

Articolo	D1	P	L1	L2	D2	Q	∅ preforo
<b>836X TN2 0120</b>	M12	1,75	110	18	9,0	7,0	10,20
<b>836X TN2 0140</b>	M14	2,00	110	20	11,0	9,0	12,00
<b>836X TN2 0160</b>	M16	2,00	110	20	12,0	9,0	14,00
<b>836X TN2 0180</b>	M18	2,50	125	25	14,0	11,0	15,50
<b>836X TN2 0200</b>	M20	2,50	140	25	16,0	12,0	17,50

DIN  
376FORM  
C-R40

ISO	Vc (m/min)
<b>P</b>	5-35
<b>M</b>	5-15
<b>K</b>	5-25
<b>N</b>	10-30

**FILETTATURA METRICA A PASSO FINE - CODOLO PASSANTE - PER FORI CIECHI***ISO METRIC FINE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES*

Articolo	D1 MF	P	L1	L2	D2	Q	∅ preforo
<b>836X TN2 0125</b>	M12x1,5	1,50	100	15	9,0	7,0	10,50
<b>836X TN2 0145</b>	M14x1,5	1,50	100	15	11,0	9,0	12,50
<b>836X TN2 0165</b>	M16x1,5	1,50	100	15	12,0	9,0	14,50

DIN  
374FORM  
C-R40

MASCHI 800

TAPS 800



HSSE

ISO2 (6H)

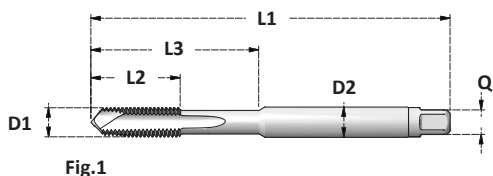


Fig.1

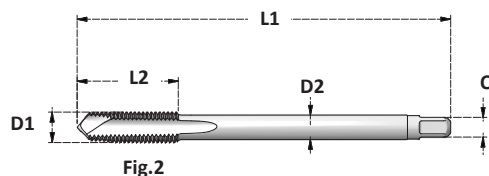


Fig.2

FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
800 101 0030	M 3	0,50	56	10	18	3,5	2,7	2,50	1
800 101 0040	M 4	0,70	63	12	21	4,5	3,4	3,30	1
800 101 0050	M 5	0,80	70	14	25	6,0	4,9	4,20	1
800 101 0060	M 6	1,00	80	18	30	6,0	4,9	5,00	1
800 101 0080	M 8	1,25	90	20	35	8,0	6,2	6,80	1
800 101 0100	M 10	1,50	100	20	39	10,0	8,0	8,50	1

DIN 371

FORM B

ISO	Vc (m/min)
P	5-20

FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
801 101 0120	M 12	1,75	110	24		9,0	7,0	10,20	2
801 101 0140	M 14	2,00	110	25		11,0	9,0	12,00	2
801 101 0160	M 16	2,00	110	32		12,0	9,0	14,00	2
801 101 0180	M 18	2,50	125	32		14,0	11,0	15,50	2
801 101 0200	M 20	2,50	140	32		16,0	12,0	17,50	2

DIN 376

FORM B



HSSE

ISO2 (6H)

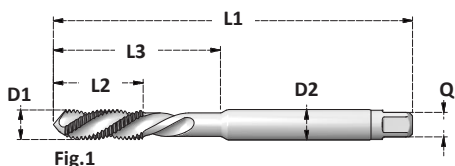


Fig.1

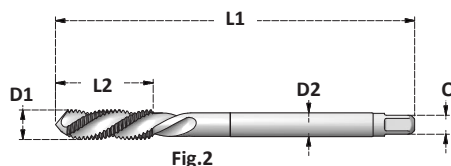


Fig.2

FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI CIECHI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
835 101 0030	M 3	0,50	56	5	18	3,5	2,7	2,50	1
835 101 0040	M 4	0,70	63	7	21	4,5	3,4	3,30	1
835 101 0050	M 5	0,80	70	8	25	6,0	4,9	4,20	1
835 101 0060	M 6	1,00	80	10	30	6,0	4,9	5,00	1
835 101 0080	M 8	1,25	90	13	35	8,0	6,2	6,80	1
835 101 0100	M 10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM C-R40

ISO	Vc (m/min)
P	5-20

FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI CIECHI

ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
836 101 0120	M 12	1,75	110	18		9,0	7,0	10,20	2
836 101 0140	M 14	2,00	110	20		11,0	9,0	12,00	2
836 101 0160	M 16	2,00	110	20		12,0	9,0	14,00	2
836 101 0180	M 18	2,50	125	25		14,0	11,0	15,50	2
836 101 0200	M 20	2,50	140	25		16,0	12,0	17,50	2

DIN 376

FORM C-R40



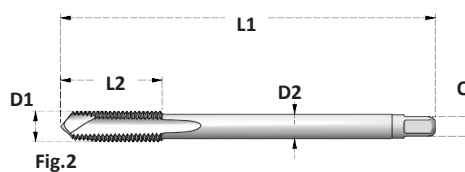
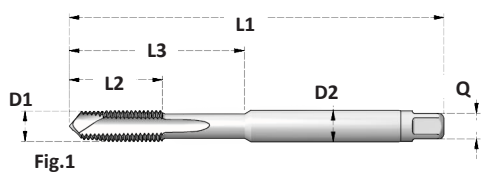
MASCHI INOX

TAPS INOX



HSSE

ISO2 (6H)



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
200 1011 0030	M 3	0,50	56	10	18	3,5	2,7	2,50	1
200 1011 0040	M 4	0,70	63	12	21	4,5	3,4	3,30	1
200 1011 0050	M 5	0,80	70	14	25	6,0	4,9	4,20	1
200 1011 0060	M 6	1,00	80	18	30	6,0	4,9	5,00	1
200 1011 0080	M 8	1,25	90	20	35	8,0	6,2	6,80	1
200 1011 0100	M 10	1,50	100	20	39	10,0	8,0	8,50	1

DIN 371

FORM B

ISO	Vc (m/min)
M	5-15

FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI

WITH ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
201 1011 0120	M 12	1,75	110	24		9,0	7,0	10,20	2
201 1011 0140	M 14	2,00	110	25		11,0	9,0	12,00	2
201 1011 0160	M 16	2,00	110	32		12,0	9,0	14,00	2
201 1011 0180	M 18	2,50	125	32		14,0	11,0	15,50	2
201 1011 0200	M 20	2,50	140	32		16,0	12,0	17,50	2

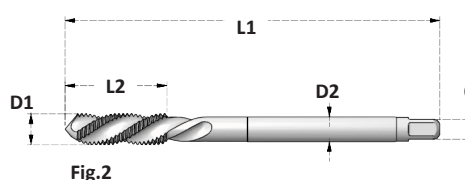
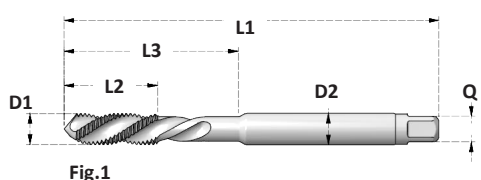
DIN 376

FORM B



HSSE

ISO2 (6H)



FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI CIECHI

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
235 1011 0030	M 3	0,50	56	5	18	3,5	2,7	2,50	1
235 1011 0040	M 4	0,70	63	7	21	4,5	3,4	3,30	1
235 1011 0050	M 5	0,80	70	8	25	6,0	4,9	4,20	1
235 1011 0060	M 6	1,00	80	10	30	6,0	4,9	5,00	1
235 1011 0080	M 8	1,25	90	13	35	8,0	6,2	6,80	1
235 1011 0100	M 10	1,50	100	15	39	10,0	8,0	8,50	1

DIN 371

FORM C-R40

ISO	Vc (m/min)
M	5-15

FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI CIECHI

ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
236 1011 0120	M 12	1,75	110	18		9,0	7,0	10,20	2
236 1011 0140	M 14	2,00	110	20		11,0	9,0	12,00	2
236 1011 0160	M 16	2,00	110	20		12,0	9,0	14,00	2
236 1011 0180	M 18	2,50	125	25		14,0	11,0	15,50	2
236 1011 0200	M 20	2,50	140	25		16,0	12,0	17,50	2

DIN 376

FORM C-R40

**MASCHI A RULLARE - RIVESTITI**

FORMING TAPS - COATED

HSSE  
PM

T2

6HX

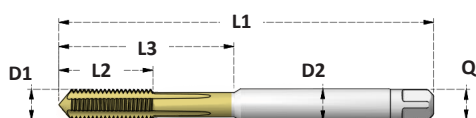


Fig.1

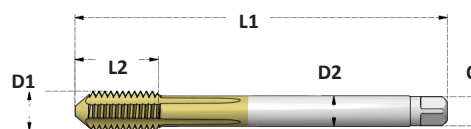


Fig.2

**FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI E CIECHI**

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN AND BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
923 5 0030	M 3	0,50	56	10	18	3,5	2,7	2,80	1
923 5 0040	M 4	0,70	63	7	21	4,5	3,4	3,70	1
923 5 0050	M 5	0,80	70	8	25	6	4,9	4,65	1
923 5 0060	M 6	1,00	80	10	30	6	4,9	5,60	1
923 5 0080	M 8	1,25	90	13	35	8	6,2	7,45	1
923 5 0100	M 10	1,50	100	15	39	10	8	9,35	1

DIN  
371FORM  
C

ISO	Vc (m/min)
P	10-30
M	10-25
N	20-40

**FILETTATURA METRICA A PASSO GROSSO - CODOLO PASSANTE - PER FORI PASSANTI E CIECHI**

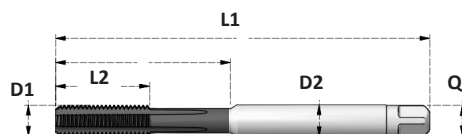
ISO METRIC COARSE THREAD DIN13 - REDUCED SHANK - FOR OPEN AND BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo	Fig
923 5 0120	M 12	1,75	110	18		9	7	11,25	2
923 5 0160	M 16	2,00	110	20		12	9	15,10	2
923 5 0200	M 20	2,50	140	25		16	12	18,85	2

DIN  
376FORM  
CHSSE  
PM

C1

6HX

**FILETTATURA METRICA A PASSO GROSSO - CODOLO RINFORZATO - PER FORI PASSANTI E CIECHI**

WITH ISO METRIC COARSE THREAD DIN13 - REINFORCED SHANK - FOR OPEN AND BLIND HOLES

Articolo	D1	P	L1	L2	L3	D2	Q	∅ preforo
945 5 0030	M 3	0,50	56	10	18	3,5	2,7	2,80
945 5 0040	M 4	0,70	63	7	21	4,5	3,4	3,70
945 5 0050	M 5	0,80	70	8	25	6	4,9	4,65
945 5 0060	M 6	1,00	80	10	30	6	4,9	5,60
945 5 0080	M 8	1,25	90	13	35	8	6,2	7,45
945 5 0100	M 10	1,50	100	15	39	10	8	9,35

DIN  
371FORM  
E

ISO	Vc (m/min)
P	10-30
M	10-25
N	20-60

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