

Maschi

ALIX
PRECISION



Taps

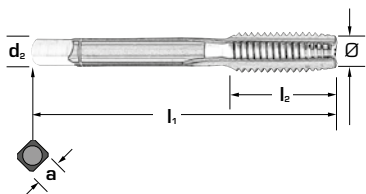


ALIX[®]
PRECISION



Maschi a mano in serie di 3 pezzi composta da sbozzatore, intermedio, finitore per Filettatura Metrica ISO, Passo Grosso DIN 13

Hand taps, serial in set of 3 pieces
for ISO metric coarse thread as per DIN 13



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N	N	N	N	N	N
6 H	6 H	6 H	6 H	6 H	6 H
A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3
HSS	HSS	HSS	HSS	HSS	HSS

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9**	a h12	6615	6615	6615	6618	6618	6618
							P	S	T	P	S	T
							pezzo single tap	serie set			pezzo single tap	serie set
M 1,0	0,25	0,75	32	5,5	2,5	2,1	●	●	-	-	-	-
M 1,1	0,25	0,85	32	5,5	2,5	2,1	●	●	-	-	-	-
M 1,2	0,25	0,95	32	5,5	2,5	2,1	●	●	-	-	-	-
M 1,4	0,30	1,10	32	7,0	2,5	2,1	●	●	-	-	-	-
M 1,6	0,35	1,25	32	8,0	2,5	2,1	●	●	-	-	-	-
M 1,7*	0,35	1,30	32	8,0	2,5	2,1	●	●	-	-	-	-
M 1,8	0,35	1,45	32	8,0	2,5	2,1	●	●	-	-	-	-
M 2,0	0,40	1,60	36	8,0	2,8	2,1	●	●	-	-	-	-
M 2,2	0,45	1,75	36	9,0	2,8	2,1	●	●	-	-	-	-
M 2,3*	0,40	1,90	36	9,0	2,8	2,1	●	●	-	-	-	-
M 2,5	0,45	2,05	40	9,0	2,8	2,1	●	●	-	-	-	-
M 2,6*	0,45	2,10	40	9,0	2,8	2,1	●	●	-	-	-	-
M 3,0	0,50	2,50	40	11,0	3,5	2,7	●	●	●	●	●	●
M 3,0*	0,60	2,40	40	11,0	3,5	2,7	●	●	-	-	-	-
M 3,5	0,60	2,90	45	13,0	4,0	3,0	●	●	●	●	●	●
M 4,0	0,70	3,30	45	13,0	4,5	3,4	●	●	●	●	●	●
M 4*	0,75	3,25	45	13,0	4,5	3,4	●	-	-	-	-	-
M 4,5	0,75	3,70	50	16,0	6,0	4,9	●	●	-	-	-	-
M 5,0	0,80	4,20	50	16,0	6,0	4,9	●	-	●	●	●	●
M 5*	0,90	4,10	50	16,0	6,0	4,9	●	●	-	-	-	-
M 6,0	1,00	5,00	50	19,0	6,0	4,9	●	●	●	●	●	●
M 7,0	1,00	6,00	50	19,0	6,0	4,9	●	●	●	●	●	●
M 8,0	1,25	6,80	56	22,0	6,0	4,9	●	●	●	●	●	●

N: Impiego tradizionale
universal application

* Misura non in standard ISO / These sizes are not ISO standard.
** La tolleranza del gambo per il 1° e 2° maschio è h 12 / Shank tolerance of 1st and 2nd tap h 12

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a mano in serie di 3 pezzi
composta da sbozzatore, intermedio, finitore per
Filettatura Metrica ISO, Passo Grosso DIN 13**

Hand taps, serial in set of 3 pieces
for ISO metric coarse thread as per DIN 13



VA	VA	VA	Ti	Ti	Ti	Tipo / Type		
6 HX	6 HX	6 HX	HX	HX	6 HX	Tolleranza Tolerance		
A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
						Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6614 P	6614 S	6614 T	6625 P	6625 S	6625 T	Ø mm	Passo Pitch	Preforo Tap drill
pezzo single tap	serie set	pezzo single tap	serie set	pezzo single tap	serie set			
-	-	-	-	-	-	M 1,0	0,25	0,75
-	-	-	-	-	-	M 1,1	0,25	0,85
-	-	-	-	-	-	M 1,2	0,25	0,95
-	-	-	-	-	-	M 1,4	0,30	1,10
-	-	-	-	-	-	M 1,6	0,35	1,25
-	-	-	-	-	-	M 1,7*	0,35	1,30
-	-	-	-	-	-	M 1,8	0,35	1,45
●	●	●	●	●	●	M 2,0	0,40	1,60
●	●	●	●	●	●	M 2,2	0,45	1,75
●	●	●	●	●	●	M 2,3*	0,40	1,90
●	●	●	●	●	●	M 2,5	0,45	2,05
●	●	■	●	●	●	M 2,6*	0,45	2,10
●	●	●	●	●	●	M 3,0	0,50	2,50
-	■	●	●	-	-	M 3*	0,60	2,40
●	●	●	●	●	●	M 3,5	0,60	2,90
●	●	●	●	●	●	M 4,0	0,70	3,30
-	-	-	-	-	-	M 4*	0,75	3,25
-	-	-	-	-	-	M 4,5	0,75	3,70
●	●	●	●	●	●	M 5,0	0,80	4,20
■	-	●	●	●	●	M 5*	0,90	4,10
●	●	-	●	●	●	M 6,0	1,00	5,00
●	●	●	●	●	●	M 7,0	1,00	6,00
●	●	●	●	●	●	M 8,0	1,25	6,80

VA: per acciaio inossidabile
for stainless steel

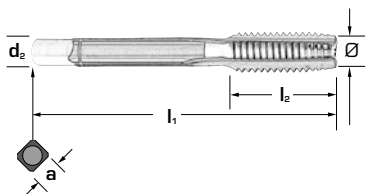
Ti: per leghe di titanio
for titanium alloys

● Utensile disponibile a magazzino / Items available ex stock - ■ Fino ad esaurimento scorte / discontinued items



Maschi a mano in serie di 3 pezzi composta da sbozzatore, intermedio, finitore per Filettatura Metrica ISO, Passo Grosso DIN 13

Hand taps, serial in set of 3 pieces
for ISO metric coarse thread as per DIN 13



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N	N	N	N	N	N
6 H	6 H	6 H	6 H	6 H	6 H
A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3
HSS	HSS	HSS	HSS	HSS	HSS

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9**	a h12	6615	6615	6615	6618	6618	6618
							P	S	T	P	S	T
							pezzo single tap	serie set			pezzo single tap	serie set
M 9	1,25	7,8	63	22	7	5,5	●	●	-	-	-	-
M 10	1,50	8,5	70	24	7	6,2	●	●	●	●	●	●
M 11	1,50	9,5	70	24	8	5,5	●	●	-	-	-	-
M 12	1,75	10,2	75	29	9	7,0	●	●	●	●	●	●
M 14	2,00	12,0	80	30	11	9,0	●	●	●	●	●	●
M 16	2,00	14,0	80	32	12	9,0	●	●	●	●	●	●
M 18	2,50	15,5	95	40	14	11,0	●	●	●	●	●	●
M 20	2,50	17,5	95	40	16	12,0	●	●	●	●	●	●
M 22	2,50	19,5	100	40	18	14,5	●	●	-	-	-	-
M 24	3,00	21,0	110	50	18	14,5	●	●	-	-	-	-
M 27	3,00	24,0	110	50	20	16,0	●	●	-	-	-	-
M 30	3,50	26,5	125	56	22	18,0	●	●	-	-	-	-
M 33	3,50	29,5	125	56	25	20,0	●	●	-	-	-	-
M 36	4,00	32,0	150	63	28	22,0	●	●	-	-	-	-
M 39	4,00	35,0	150	63	32	24,0	●	●	-	-	-	-
M 42	4,50	37,5	150	63	32	24,0	●	●	-	-	-	-
M 45	4,50	40,5	160	70	36	29,0	●	●	-	-	-	-
M 48	5,00	43,0	180	75	36	29,0	●	●	-	-	-	-
M 52	5,00	47,0	180	75	40	32,0	●	●	-	-	-	-
M 56	5,50	50,5	200	85	45	35,0	●	●	-	-	-	-
M 60	5,50	54,5	200	85	45	35,0	●	●	-	-	-	-
M 64	6,00	58,0	220	90	50	39,0	●	●	-	-	-	-
M 68	6,00	62,0	220	90	50	29,0	●	●	-	-	-	-

N: Impiego tradizionale
universal application

** La tolleranza del gambo per il 1° e 2° maschio è h 12 / Shank tolerance of 1st and 2nd tap h 12

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a mano in serie di 3 pezzi
composta da sbozzatore, intermedio, finitore per
Filettatura Metrica ISO, Passo Grosso DIN 13**

Hand taps, serial in set of 3 pieces
for ISO metric coarse thread as per DIN 13



VA	VA	VA	Ti	Ti	Ti	Tipo / Type		
6 HX	6 HX	6 HX	HX	HX	6 HX	Tolleranza Tolerance		
A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
						Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6614 P	6614 S	6614 T	6625 P	6625 S	6625 T	Ø mm	Passo Pitch	Preforo Tap drill
pezzo single tap	serie set	pezzo single tap	serie set	pezzo single tap	serie set			
-	-	-	-	-	-	M 9	1,25	7,8
●	●	●	●	●	●	M 10	1,50	8,5
-	-	-	-	-	-	M 11	1,50	9,5
●	●	●	●	●	●	M 12	1,75	10,2
●	●	●	●	●	●	M 14	2,00	12,0
●	●	●	●	●	●	M 16	2,00	14,0
●	●	●	●	●	●	M 18	2,50	15,5
●	●	●	●	●	●	M 20	2,50	17,5
-	-	-	-	-	-	M 22	2,50	19,5
-	-	-	-	-	-	M 24	3,00	21,0
-	-	-	-	-	-	M 27	3,00	24,0
-	-	-	-	-	-	M 30	3,50	26,5
-	-	-	-	-	-	M 33	3,50	29,5
-	-	-	-	-	-	M 36	4,00	32,0
-	-	-	-	-	-	M 39	4,00	35,0
-	-	-	-	-	-	M 42	4,50	37,5
-	-	-	-	-	-	M 45	4,50	40,5
-	-	-	-	-	-	M 48	5,00	43,0
-	-	-	-	-	-	M 52	5,00	47,0
-	-	-	-	-	-	M 56	5,50	50,5
-	-	-	-	-	-	M 60	5,50	54,5
-	-	-	-	-	-	M 64	6,00	58,0
-	-	-	-	-	-	M 68	6,00	62,0

VA: per acciaio inossidabile
for stainless steel

Ti: per leghe di titanio
for titanium alloys

● Utensile disponibile a magazzino / Items available ex stock

DIN 352



Maschi a mano in serie di 3 pezzi in cassetta metallica per Filettatura Metrica ISO Passo Grosso DIN 13 Metrica

Hand taps, serial, in set of 3 pieces in metal cases for ISO metric coarse thread as per DIN 13



Tipo / Type			-
Tolleranza Tolerance			-
Forma/Filetti d'imbocco Chamfer form / No. of threads			-
Direzione di taglio Cutting direction			-
Materiale/Material			HSS
Ø mm	Passo	Pitch	6608
			Cassetta completa set in metal case
M	3	0,50	●
M	4	0,70	●
M	5	0,80	●
M	6	1,00	●
M	8	1,25	●
M	10	1,50	●
M	12	1,75	●

I maschi a mano contenuti nella cassetta hanno N. cod. 6615 / The metal case contains hand taps Cat.-No. 6615

● Utensile disponibile a magazzino / Items available ex stock



Maschi a mano in serie di 3 pezzi e relative misure di punte (DIN 338) per preforatura in cassetta metallica per Filettatura Metrica ISO Passo Grosso DIN 13

Hand taps, serial, in set of 3 pieces and drills for tap drill hole acc. to DIN 338, in metal cases for ISO metric coarse thread as per DIN 13



Tipo / Type				-
Tolleranza Tolerance				-
Forma/Filetti d'imbocco Chamfer form / No. of threads				-
Direzione di taglio Cutting direction				-
Materiale/Material				HSS
Ø mm	Passo Pitch	Preforo Tap drill		6609
				Cassetta completa set in metal case
M	3	0,50	2,5	✓
M	4	0,70	3,3	✓
M	5	0,80	4,2	✓
M	6	1,00	5,0	✓
M	8	1,25	6,8	✓
M	10	1,50	8,5	✓
M	12	1,75	10,2	✓

I maschi a mano contenuti nella cassetta hanno N. cod. 6615 e le punte hanno N. cod. 6151 DIN 338
The metal case contains hand taps Cat.-No. 6615 and twist drills Cat.-No. 6151 DIN 338

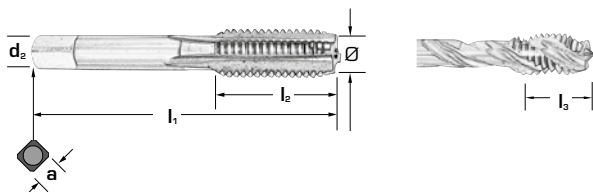
✓ Su richiesta / Upon request



Maschi a macchina corti per Filettatura Metrica ISO Passo Grosso DIN 13

Short machine taps

for ISO metric coarse thread as per DIN 13



per fori passanti / for through holes

Tipo / Type									N	N 15°	N 40°	N 40°	N 40°	Rapid	AZ	AZ
Tolleranza Tolerance									6 H	6 H	6 H	6 H	6 G	6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	E/1,5-2	B/4-5	B/4-5	C/2,5-3
Direzione di taglio Cutting direction																
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6678	6659	6639	6604	6604 6G	6679	6613	6621
M 2,0	0,40	1,60	36	8	-	2,8	2,1	●	-	-	-	-	-	●	-	-
M 2,2	0,45	1,75	36	9	-	2,8	2,1	●	-	-	-	-	-	●	-	-
M 2,3*	0,40	1,90	36	9	-	2,8	2,1	●	-	-	-	-	-	●	-	-
M 2,5	0,45	2,05	40	9	-	2,8	2,1	●	-	-	-	-	-	●	-	-
M 2,6*	0,45	2,10	40	9	-	2,8	2,1	●	-	-	-	-	-	●	-	-
M 3,0	0,50	2,50	40	11	5	3,5	2,7	●	●	●	●	●	●	●	●	●
M 3,5	0,60	2,90	45	13	6	4,0	3,0	●	●	●	-	-	-	●	-	-
M 4,0	0,70	3,30	45	13	7	4,5	3,4	●	●	●	●	●	●	●	●	●
M 5,0	0,80	4,20	50	16	8	6,0	4,9	●	●	●	●	●	●	●	●	●
M 6,0	1,00	5,00	50	19	10	6,0	4,9	●	●	●	●	●	●	●	●	●
M 7,0	1,00	6,00	50	19	10	6,0	4,9	-	●	●	-	-	-	●	-	-
M 8,0	1,25	6,80	56	22	12	6,0	4,9	●	●	●	●	●	●	●	●	●
M 10,0	1,50	8,50	70	24	14	7,0	5,5	●	●	●	●	●	●	●	●	●
M 12,0	1,75	10,20	75	29	16	9,0	7,0	●	●	●	●	●	●	●	●	●
M 14,0	2,00	12,00	80	30	20	11,0	9,0	●	●	●	-	-	-	●	-	-
M 16,0	2,00	14,00	80	32	20	12,0	9,0	●	●	●	●	●	●	●	●	●
M 18,0	2,50	15,50	95	40	25	14,0	11,0	●	●	●	-	-	-	●	-	-
M 20,0	2,50	17,50	95	40	25	16,0	12,0	●	●	●	●	●	●	●	-	-
M 24,0	3,00	21,00	110	38	30	18,0	14,5	-	-	-	●	●	●	-	-	-

N: normale
universal application

N15/40°: 15°/40° normale
15°/40° right hand helix

Rapid: impiego tradizionale
universal application

AZ: con denti alternati
interrupted threads

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina corti per Filettatura Metrica ISO Passo Grosso DIN 13

Short machine taps
for ISO metric coarse thread as per DIN 13



VA 15°	VA 15°	MS				
6 HX	6 HX	6H	Tipo / Type			
C/2,5-3	E/1,5-2	E/1,5-2	Tolleranza Tolerance			
			Forma/Filetti d'imbocco Chamfer form / No. of threads			
HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction			
6648	6612	6624	Materiale/Material			
			Ø mm	Passo Pitch	Preforo Tap drill	
-	-	●	M 2,0	0,40	1,60	
-	-	●	M 2,2	0,45	1,75	
-	-	●	M 2,3*	0,40	1,90	
-	-	●	M 2,5	0,45	2,05	
-	-	●	M 2,6*	0,45	2,10	
●	●	●	M 3,0	0,50	2,50	
●	-	●	M 3,5	0,60	2,90	
●	●	●	M 4,0	0,70	3,30	
●	●	●	M 5,0	0,80	4,20	
●	●	●	M 6,0	1,00	5,00	
-	-	●	M 7,0	1,00	6,00	
●	●	●	M 8,0	1,25	6,80	
●	●	●	M 10,0	1,50	8,50	
●	●	●	M 12,0	1,75	10,20	
●	-	-	M 14,0	2,00	12,00	
●	●	-	M 16,0	2,00	14,00	
-	-	-	M 18,0	2,50	15,50	
-	-	-	M 20,0	2,50	17,50	
-	-	-	M 24,0	3,00	21,00	

VA: per acciaio inossidabile
for stainless steel

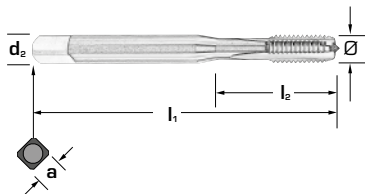
MS: per ottone
for brass

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



									N	N	N	N
									6 H	6 H	6 H	6 H
									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
									HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6706	6706 TN	6706 TC	6712
M 1	0,25	0,75	40	5,5	-	2,5	2,1		●	●	●	-
M 1,1	0,25	0,85	40	5,5	-	2,5	2,1		●	●	●	-
M 1,2	0,25	0,95	40	5,5	-	2,5	2,1		●	●	●	-
M 1,4	0,30	1,10	40	7	-	2,5	2,1		●	●	●	-
M 1,6	0,35	1,25	40	8	-	2,5	2,1		●	●	●	-
M 1,7*	0,35	1,30	40	8	-	2,5	2,1		●	●	●	-
M 1,8	0,35	1,45	40	8	-	2,5	2,1		●	●	●	-
M 2	0,40	1,60	45	8	4	2,8	2,1		●	●	●	-
M 2,2	0,45	1,75	45	9	4	2,8	2,1		●	●	●	-
M 2,3*	0,40	1,90	45	9	4	2,8	2,1		●	●	●	-
M 2,5	0,45	2,05	50	9	4	2,8	2,1		●	●	●	-
M 2,6*	0,45	2,10	50	9	4	2,8	2,1		●	●	●	-
M 3	0,50	2,50	56	11	5	3,5	2,7		●	●	●	●
M 3*	0,60	2,40	56	11	5	3,5	2,7		●	●	●	-
M 3,5	0,60	2,90	56	13	6	4,0	3,0		●	●	●	-
M 4	0,70	3,30	63	13	7	4,5	3,4		●	●	●	●
M 4*	0,75	3,25	63	13	7	4,5	3,4		●	●	●	-
M 5	0,80	4,20	70	16	8	6,0	4,9		●	●	●	●
M 5*	0,90	4,10	70	16	8	6,0	4,9		■	●	●	-
M 6	1,00	5,00	80	19	10	6,0	4,9		●	●	●	●
M 7	1,00	6,00	80	19	10	7,0	5,5		●	●	●	-
M 8	1,25	6,80	90	22	12	8,0	6,2		●	●	●	●
M 9	1,25	7,80	90	22	12	9,0	7,0		●	●	●	-
M 10	1,50	8,50	100	24	14	10,0	8,0		●	●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.									6705	6705TN	6706TC	6715

N: impiego tradizionale
universal application

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued item



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank
for ISO metric coarse thread as per DIN 13



AZ	N 15°	N 15°	N 15°	N 15°	N 15°	HD 15°	HD 15°	Tipo / Type		
6 H	6 H	6 G	6 H	6 H	6 H+0,1	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
								Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6820	6657	6657 6G	6657 TN	6657 TC	6902	6878	6878 HL	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	-	-	-	M 1	0,25	0,75
-	-	-	-	-	-	-	-	M 1,1	0,25	0,85
-	-	-	-	-	-	-	-	M 1,2	0,25	0,95
-	-	-	-	-	-	-	-	M 1,4	0,30	1,10
-	-	-	-	-	-	-	-	M 1,6	0,35	1,25
-	-	-	-	-	-	-	-	M 1,7*	0,35	1,30
-	-	-	-	-	-	-	-	M 1,8	0,35	1,45
●	●	●	●	●	-	-	-	M 2	0,40	1,60
-	●	-	●	●	-	-	-	M 2,2	0,45	1,75
-	●	-	●	●	-	-	-	M 2,3*	0,40	1,90
-	●	●	●	●	-	-	-	M 2,5	0,45	2,05
-	●	-	●	●	-	-	-	M 2,6*	0,45	2,10
●	●	●	●	●	●	●	●	M 3	0,50	2,50
-	-	-	-	-	-	-	-	M 3*	0,60	2,40
-	●	●	●	●	-	-	-	M 3,5	0,60	2,90
●	●	●	●	●	●	●	●	M 4	0,70	3,30
-	-	-	-	-	-	-	-	M 4*	0,75	3,25
●	●	●	●	●	●	●	●	M 5	0,80	4,20
-	-	-	-	-	-	-	-	M 5*	0,90	4,10
●	●	●	●	●	●	●	●	M 6	1,00	5,00
-	-	-	-	-	-	-	-	M 7	1,00	6,00
●	●	●	●	●	●	●	●	M 8	1,25	6,80
-	-	-	-	-	-	-	-	M 9	1,25	7,80
●	●	●	●	●	●	●	●	M 10	1,50	8,50
	6658					6879	6679HL			

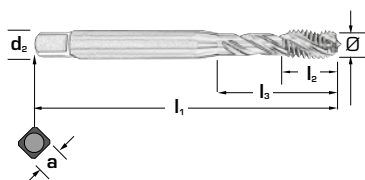
AZ: con denti alternati / interrupted threads HD: per materiali tenaci / for tough materials
N15°: normale a 15° / 15°right hand helix

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



									N 40°	N/VAP 40°	N 40°	N 40°
									6 H	6 H	6 G	6 G*
									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
									HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6644	6644 VP	6644 6G	6644 TN
M 1	0,25	0,75	40	-	5,5	2,5	2,1		-	-	-	-
M 1,1	0,25	0,85	40	-	5,5	2,5	2,1		-	-	-	-
M 1,2	0,25	0,95	40	-	5,5	2,5	2,1		-	-	-	-
M 1,4	0,30	1,10	40	-	7,0	2,5	2,1		-	-	-	-
M 1,6	0,35	1,25	40	-	8,0	2,5	2,1		-	-	-	-
M 1,7*	0,35	1,30	40	-	8,0	2,5	2,1		-	-	-	-
M 1,8	0,35	1,45	40	-	8,0	2,5	2,1		-	-	-	-
M 2	0,40	1,60	45	4	8,0	2,8	2,1		●	●	●	●
M 2,2	0,45	1,75	45	4	9,0	2,8	2,1		●	●	-	-
M 2,3*	0,40	1,90	45	4	9,0	2,8	2,1		●	●	-	-
M 2,5	0,45	2,05	50	4	9,0	2,8	2,1		●	●	●	●
M 2,6*	0,45	2,10	50	4	9,0	2,8	2,1		●	●	-	-
M 3	0,50	2,50	56	5	11,0	3,5	2,7		●	●	●	●
M 3*	0,60	2,40	56	5	11,0	3,5	2,7		-	-	-	-
M 3,5	0,60	2,90	56	6	13,0	4,0	3,0		●	●	●	●
M 4	0,70	3,30	63	7	13,0	4,5	3,4		●	●	●	●
M 4*	0,75	3,25	63	7	13,0	4,5	3,4		-	-	-	-
M 5	0,80	4,20	70	8	16,0	6,0	4,9		●	●	●	●
M 5*	0,90	4,10	70	8	16,0	6,0	4,9		-	-	-	-
M 6	1,00	5,00	80	10	19,0	6,0	4,9		●	●	●	●
M 7	1,00	6,00	80	10	19,0	7,0	5,5		●	●	●	●
M 8	1,25	6,80	90	12	22,0	8,0	6,2		●	●	●	●
M 9	1,25	7,80	90	12	22,0	9,0	7,0		●	●	-	-
M 10	1,50	8,50	100	14	24,0	10,0	8,0		●	●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.									6638	6638VP	66386G	6638TN

N 40°: normale a 40° / 40° right hand helix

VAP: vaporizzato / 40° vaporized

* Misura non in standard ISO / These sizes are not ISO standard. - 6 G* per l'ordine si prega di indicare 6G / when ordering please state 6G

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank
for ISO metric coarse thread as per DIN 13



N 40°	N 40°	N 40°	N 40°	N 5x 40°	Tipo / Type		
7 G	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
					Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6644 7G	6644 TN	6644 TC	6867	6861	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	M 1	0,25	0,75
-	-	-	-	-	M 1,1	0,25	0,85
-	-	-	-	-	M 1,2	0,25	0,95
-	-	-	-	-	M 1,4	0,30	1,10
-	-	-	-	-	M 1,6	0,35	1,25
-	-	-	-	-	M 1,7*	0,35	1,30
-	-	-	-	-	M 1,8	0,35	1,45
●	●	●	-	-	M 2	0,40	1,60
-	-	-	-	-	M 2,2	0,45	1,75
-	-	-	-	-	M 2,3*	0,40	1,90
●	●	●	-	-	M 2,5	0,45	2,05
-	-	-	-	-	M 2,6*	0,45	2,10
●	●	●	●	●	M 3	0,50	2,50
-	-	-	-	-	M 3*	0,60	2,40
-	●	●	-	-	M 3,5	0,60	2,90
●	●	●	●	●	M 4	0,70	3,30
-	-	-	-	-	M 4*	0,75	3,25
●	●	●	●	●	M 5	0,80	4,20
-	-	-	-	-	M 5*	0,90	4,10
●	●	●	●	●	M 6	1,00	5,00
-	●	-	-	-	M 7	1,00	6,00
●	●	●	●	●	M 8	1,25	6,80
-	-	-	-	-	M 9	1,25	7,80
●	●	●	●	●	M 10	1,50	8,50
66387G	6638TN	6638TC	6868	6862			

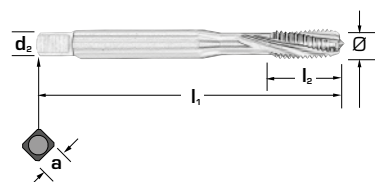
N 40°: normale a 40° / 40° right hand helix

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12	VA 15°	VAP 15°	VA 15°	VA 15°	VA i 15°
								6654	6654 VP	6654 XP	6620	6620 XP
M 2	0,40	1,60	45	8	4	2,8	2,1	●	●	●	-	-
M 2,2	0,45	1,75	45	9	4	2,8	2,1	●	●	●	-	-
M 2,3*	0,40	1,90	45	9	4	2,8	2,1	●	●	●	-	-
M 2,5	0,45	2,05	50	9	4	2,8	2,1	●	●	●	-	-
M 2,6*	0,45	2,10	50	9	4	2,8	2,1	●	●	●	-	-
M 3	0,50	2,50	56	11	5	3,5	2,7	●	●	●	-	-
M 3,5	0,60	2,90	56	13	6	4,0	3,0	●	●	●	-	-
M 4	0,70	3,30	63	13	7	4,5	3,4	●	●	●	-	-
M 5	0,80	4,20	70	16	8	6,0	4,9	●	●	●	-	-
M 6	1,00	5,00	80	19	10	6,0	4,9	●	●	●	●	●
M 7	1,00	6,00	80	19	10	7,0	5,5	●	●	●	-	-
M 8	1,25	6,80	90	22	12	8,0	6,2	●	●	●	●	●
M 10	1,50	8,50	100	24	14	10,0	8,0	●	●	●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								6634	6634VP	6634XP	6605	6605XP

VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato / 40° vaporized

VA i: Per acciaio inossidabile, con fori di lubrificazione
for stainless steel, with internal cooling

* Misura non in standard ISO / These sizes are not ISO standard.
I maschi 6661 sono rastremati a partire dal Ø3 mm, ad eccezione del Ø7 mm / Cat.-No. 6661 with back tapered from M 3 onwards, except M 7

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



VR 35°	VRP 35°	VR 35°	VR 35°	VR 35°	VR 35°	VRP 50°	VR 50°	Tipo / Type		
6 HX	6 HX	6 G	6 HX	6 HX	6 HX	6 HX	6 HX	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
								Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6661	6661 VP	6661 6G	6661 TN	6661 TX	6661 XP	6850 VP	6850 TN	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	●	●	●	●	M 2	0,40	1,60
●	●	●	●	●	●	-	-	M 2,2	0,45	1,75
●	●	-	●	●	●	-	-	M 2,3*	0,40	1,90
●	●	●	●	●	●	-	-	M 2,5	0,45	2,05
●	●	-	●	●	●	-	-	M 2,6*	0,45	2,10
●	●	●	●	●	●	●	●	M 3	0,50	2,50
●	●	-	●	●	●	-	-	M 3,5	0,60	2,90
●	●	●	●	●	●	●	●	M 4	0,70	3,30
●	●	●	●	●	●	●	●	M 5	0,80	4,20
●	●	●	●	●	●	●	●	M 6	1,00	5,00
●	●	-	●	●	●	-	-	M 7	1,00	6,00
●	●	●	●	●	●	●	●	M 8	1,25	6,80
●	●	●	●	●	●	●	●	M 10	1,50	8,50
6662	6662VP	66626G	6662	6662TX	6662XB	6851VP	6851TN			

VR: per acciaio inox con rastremazione
for stainless steel, back tapered

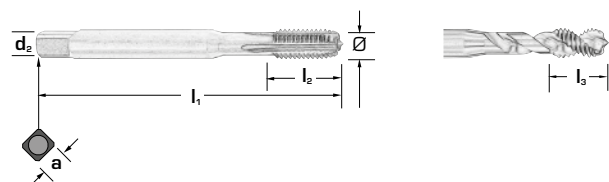
VRP: per acciaio inox con rastremazione più vaporizzazione
for stainless steel, back tapered and vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



									GG	GG	Multi GG i	Multi GG i	Alu 45°	BAK	
Tipo / Type									6 HX	6 HX	6 HX	6 HX	6 H	6 HX	
Tolleranza Tolerance									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	
Forma/Filetti d'imbocco Chamfer form / No. of threads															
Direzione di taglio Cutting direction									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	
Materiale/Material									6631	6631 TF	6629	6629 TC	6643	6670	
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12								
M 2	0,40	1,60	45	8	4	2,8	2,1	-	-	-	-	●	●		
M 2,2	0,45	1,75	45	9	4	2,8	2,1	-	-	-	-	●	-		
M 2,3*	0,40	1,90	45	9	4	2,8	2,1	-	-	-	-	●	■		
M 2,5	0,45	2,05	50	9	4	2,8	2,1	-	-	-	-	●	●		
M 2,6*	0,45	2,10	50	9	4	2,8	2,1	-	-	-	-	●	-		
M 3	0,50	2,50	56	11	5	3,5	2,7	●	●	-	-	●	●		
M 3,5	0,60	2,90	56	13	6	4,0	3,0	●	●	-	-	●	●		
M 4	0,70	3,30	63	13	7	4,5	3,4	●	●	-	-	●	●		
M 5	0,80	4,20	70	16	8	6,0	4,9	●	●	●	●	●	●		
M 6	1,00	5,00	80	19	10	6,0	4,9	●	●	●	●	●	●		
M 7	1,00	6,00	80	19	10	7,0	5,5	●	●	-	-	●	■		
M 8	1,25	6,80	90	22	12	8,0	6,2	●	●	●	●	●	●		
M 10	1,50	8,50	100	24	14	10,0	8,0	●	●	●	●	●	●		
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.									6632	6632TF	6637	6637TC	6651	-	

Alu: per alluminio for Aluminium
GG: per ghisa for cast iron
BAK: per bakelite for bakelite

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



HD 40°	HD 40°	HD 40°	HD 40°	HD 40°	HR 40°	HR 40°	Tipo / Type		
6 H	6 G	4 H	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6666	6666 6G	6666 4H	6666 TN	6666 TF	6681	6681 TF	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	-	-	M 2	0,40	1,60
-	-	-	-	-	-	-	M 2,2	0,45	1,75
-	-	-	-	-	-	-	M 2,3*	0,40	1,90
-	-	-	-	-	-	-	M 2,5	0,45	2,05
-	-	-	-	-	-	-	M 2,6*	0,45	2,10
●	●	●	●	●	●	●	M 3	0,50	2,50
●	●	●	●	●	-	-	M 3,5	0,60	2,90
●	●	●	●	●	●	●	M 4	0,70	3,30
●	●	●	●	●	●	●	M 5	0,80	4,20
●	●	●	●	●	●	●	M 6	1,00	5,00
●	●	●	●	●	-	-	M 7	1,00	6,00
●	●	●	●	●	●	●	M 8	1,25	6,80
●	●	●	●	●	●	●	M 10	1,50	8,50
6667	-	-	6667TN	6667TF	6689	6689TF			

HD: per materiali tenaci
for tough materials

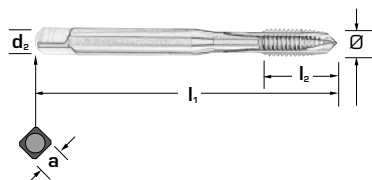
HR: per materiali tenaci con rastremazione
for tough materials, back tapered

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



Tipo / Type								Rapid	VAP Rapid	Rapid	Rapid	Rapid	Rapid
Tolleranza / Tolerance								6 H	6 H	6 G	6 G*	4 H	7 G
Forma/Filetti d'imbocco / Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio / Cutting direction													
Materiale / Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6707	6707 VP	6707 6G	6707 TN	6707 4H	6707 7G	
M 2	0,40	1,60	45	8	2,8	2,1	●	●	●	●	●	●	
M 2,2	0,45	1,75	45	9	2,8	2,1	●	●	●	●	●	●	
M 2,3*	0,40	1,90	45	9	2,8	2,1	●	●	-	-	-	-	
M 2,5	0,45	2,05	50	9	2,8	2,1	●	●	●	●	●	●	
M 2,6*	0,45	2,10	50	9	2,8	2,1	●	●	-	-	-	-	
M 3	0,50	2,50	56	11	3,5	2,7	●	●	●	●	●	●	
M 3*	0,60	2,40	56	11	3,5	2,7	■	-	■	-	-	-	
M 3,5	0,60	2,90	56	13	4,0	3,0	●	●	●	●	●	-	
M 4	0,70	3,30	63	13	4,5	3,4	●	●	●	●	●	●	
M 4*	0,75	3,25	63	13	4,5	3,4	■	-	-	-	-	-	
M 5	0,80	4,20	70	16	6,0	4,9	●	●	●	●	●	●	
M 6	1,00	5,00	80	19	6,0	4,9	●	●	●	●	●	●	
M 7	1,00	6,00	80	19	7,0	5,5	●	●	●	●	●	-	
M 8	1,25	6,80	90	22	8,0	6,2	●	●	●	●	●	●	
M 9	1,25	7,80	90	22	9,0	7,0	●	●	-	-	-	-	
M 10	1,50	8,50	100	24	10,0	8,0	●	●	●	●	●	●	
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								6711	6711VP	67116G	6711TN	-	67117G

Rapid: Impiego tradizionale

universal application

VAP: vaporizzato

vaporized

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items - 6 G* per l'ordine si prega di indicare 6G / when ordering please state 6G



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank
for ISO metric coarse thread as per DIN 13



Rapid	Rapid	N sx	Rapid 2	Rapid 2			
6 H	6 H	6 H	6 H	6 G	Tipo / Type		
B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	Tolleranza Tolerance		
					Forma/Filetti d'imbocco Chamfer form / No. of threads		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction		
					Materiale/Material		
6707 TN	6707 TC	6859	6640	6640 6G	Ø mm	Passo Pitch	Preforo Tap drill
●	●	-	●	●	M 2	0,40	1,60
-	-	-	●	●	M 2,2	0,45	1,75
-	-	-	●	-	M 2,3*	0,40	1,90
●	●	-	●	●	M 2,5	0,45	2,05
-	-	-	●	-	M 2,6*	0,45	2,10
●	●	●	●	●	M 3	0,50	2,50
-	-	-	-	-	M 3*	0,60	2,40
●	●	-	●	●	M 3,5	0,60	2,90
●	●	●	●	●	M 4	0,70	3,30
-	-	-	-	-	M 4*	0,75	3,25
●	●	●	●	●	M 5	0,80	4,20
●	●	●	●	●	M 6	1,00	5,00
●	-	-	●	●	M 7	1,00	6,00
●	●	●	●	●	M 8	1,25	6,80
-	-	-	-	-	M 9	1,25	7,80
●	●	●	●	●	M 10	1,50	8,50
6711TN	6711TC	6860	-	-			

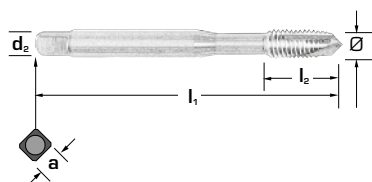
Rapid 2: Impiego tradizionale (2 scanalature)
universal application (2 flutes)

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



								Ultra	Ultra	Ultra-S
Tolleranza Tolerance								6 HX	6 GX	6 HX
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction										
Materiale/Material								HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6606	6606 6G	6649
M 1	0,25	0,75	40	5,5	2,5	2,1		●	-	-
M 1,2	0,25	0,95	40	5,5	2,5	2,1		●	-	-
M 1,4	0,30	1,10	40	7,0	2,5	2,1		●	-	-
M 1,6	0,35	1,25	40	8,0	2,5	2,1		●	-	-
M 1,7*	0,35	1,30	40	8,0	2,5	2,1		●	-	-
M 1,8	0,35	1,45	40	8,0	2,5	2,1		●	-	-
M 2	0,40	1,60	45	8,0	2,8	2,1		●	●	●
M 2,2	0,45	1,75	45	9,0	2,8	2,1		●	●	●
M 2,3*	0,40	1,90	45	9,0	2,8	2,1		●	-	●
M 2,5	0,45	2,05	50	9,0	2,8	2,1		●	●	●
M 2,6*	0,45	2,10	50	9,0	2,8	2,1		●	-	●
M 3	0,50	2,50	56	11,0	3,5	2,7		●	●	●
M 3,5	0,60	2,90	56	13,0	4,0	3,0		●	●	●
M 4	0,70	3,30	63	13,0	4,5	3,4		●	●	●
M 4*	0,75	3,25	63	13,0	4,5	3,4		■	-	-
M 5	0,80	4,20	70	16,0	6,0	4,9		●	●	●
M 6	1,00	5,00	80	19,0	6,0	4,9		●	●	●
M 7	1,00	6,00	80	19,0	7,0	5,5		●	●	●
M 8	1,25	6,80	90	22,0	8,0	6,2		●	●	●
M 9	1,25	7,80	90	22,0	9,0	7,0		●	-	●
M 10	1,50	8,50	100	24,0	10,0	8,0		●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								-	-	-

Ultra: per lamiera
for sheet metals

Ultra-s: per lamiera con canalino
with coolant grooves for sheet metals

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank
for ISO metric coarse thread as per DIN 13



Ultra-S	Ultra-S	AZ	NL15°	Tipo / Type		
6 GX	6 HX	6 H	6 H	Tolleranza Tolerance		
B/4-5	B/4-5	B/4-5	D/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
				Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6649 6G	6649 TN	6616	6727	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	M 1	0,25	0,75
-	-	-	-	M 1,2	0,25	0,95
-	-	-	-	M 1,4	0,30	1,10
-	-	-	-	M 1,6	0,35	1,25
-	-	-	-	M 1,7*	0,35	1,30
-	-	-	-	M 1,8	0,35	1,45
-	●	●	-	M 2	0,40	1,60
●	-	●	-	M 2,2	0,45	1,75
-	-	●	-	M 2,3*	0,40	1,90
●	-	●	-	M 2,5	0,45	2,05
-	-	●	-	M 2,6*	0,45	2,10
●	●	●	●	M 3	0,50	2,50
●	-	●	●	M 3,5	0,60	2,90
●	●	●	●	M 4	0,70	3,30
-	-	-	-	M 4*	0,75	3,25
●	●	●	●	M 5	0,80	4,20
●	●	●	●	M 6	1,00	5,00
■	●	●	-	M 7	1,00	6,00
●	-	●	●	M 8	1,25	6,80
-	-	-	-	M 9	1,25	7,80
●	-	●	●	M 10	1,50	8,50
-	-	6617	6740			

Ultra-s: per lamiera con canalino
with coolant grooves for sheet metals

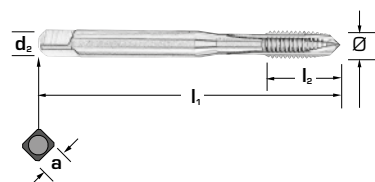
AZ: con denti alternati
interrupted threads

NL15°: elica sinistra a 15°
15° left hand helix



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank for ISO metric coarse thread as per DIN 13



NEW



Tipo / Type								VA	VA	VAP	VA	VA	VA
Tolleranza Tolerance								6 HX	6 HX	6 HX	6 HX	6 HX	6 GX
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction													
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6646	6646 XP	6646 VP	6646 TN	6646 TX	6646 6G
M 1	1	0,25	0,75	40	5,5	2,5	2,1	-	-	-	-	-	-
M 1,2	1,2	0,25	0,95	40	5,5	2,5	2,1	-	-	-	-	-	-
M 1,4	1,4	0,30	1,10	40	7,0	2,5	2,1	-	-	-	-	-	-
M 1,6	1,6	0,35	1,25	40	8,0	2,5	2,1	-	-	-	-	-	-
M 1,7*	1,7*	0,35	1,30	40	8,0	2,5	2,1	-	-	-	-	-	-
M 1,8	1,8	0,35	1,45	40	8,0	2,5	2,1	-	-	-	-	-	-
M 2	2	0,40	1,60	45	8,0	2,8	2,1	●	●	●	●	●	●
M 2,2	2,2	0,45	1,75	45	9,0	2,8	2,1	●	●	●	●	●	●
M 2,3*	2,3*	0,40	1,90	45	9,0	2,8	2,1	●	-	●	●	●	-
M 2,5	2,5	0,45	2,05	50	9,0	2,8	2,1	●	●	●	●	●	●
M 2,6*	2,6*	0,45	2,10	50	9,0	2,8	2,1	●	-	●	●	●	-
M 3	3	0,50	2,50	56	11,0	3,5	2,7	●	●	●	●	●	●
M 3,5	3,5	0,60	2,90	56	13,0	4,0	3,0	●	-	●	●	●	-
M 4	4	0,70	3,30	63	13,0	4,5	3,4	●	●	●	●	●	●
M 4*	4*	0,75	3,25	63	13,0	4,5	3,4	-	-	-	-	-	-
M 5	5	0,80	4,20	70	16,0	6,0	4,9	●	●	●	●	●	●
M 6	6	1,00	5,00	80	19,0	6,0	4,9	●	●	●	●	●	●
M 7	7	1,00	6,00	80	19,0	7,0	5,5	●	-	●	●	●	-
M 8	8	1,25	6,80	90	22,0	8,0	6,2	●	●	●	●	●	●
M 9	9	1,25	7,80	90	22,0	9,0	7,0	-	-	-	-	-	-
M 10	10	1,50	8,50	100	24,0	10,0	8,0	●	●	●	●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								6647	6647XP	6647VP	-	6647XP	66476G

VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato
vaporized

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reinforced shank
for ISO metric coarse thread as per DIN 13



Alu	HD	HD	HD	Tipo / Type		
6 H	6 H	6 H	6 H	Tolleranza Tolerance		
B/4-5	B/4-5	B/4-5	B/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
				Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6641	6870	6870 TN	6870 TF	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	M 1	0,25	0,75
-	-	-	-	M 1,2	0,25	0,95
-	-	-	-	M 1,4	0,30	1,10
-	-	-	-	M 1,6	0,35	1,25
-	-	-	-	M 1,7*	0,35	1,30
-	-	-	-	M 1,8	0,35	1,45
●	●	●	●	M 2	0,40	1,60
●	●	●	●	M 2,2	0,45	1,75
●	-	-	-	M 2,3*	0,40	1,90
●	●	●	●	M 2,5	0,45	2,05
●	-	-	-	M 2,6*	0,45	2,10
●	●	●	●	M 3	0,50	2,50
●	-	-	-	M 3,5	0,60	2,90
●	●	●	●	M 4	0,70	3,30
-	-	-	-	M 4*	0,75	3,25
●	●	●	●	M 5	0,80	4,20
●	●	●	●	M 6	1,00	5,00
●	●	●	●	M 7	1,00	6,00
●	●	●	●	M 8	1,25	6,80
-	-	-	-	M 9	1,25	7,80
●	●	●	●	M 10	1,50	8,50
6642	6871	6871TN	6871TF			

HD: per materiali tenaci
for tough materials

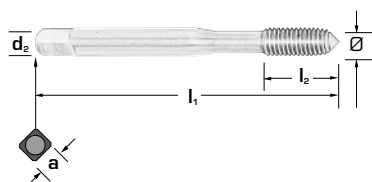
Alu: per alluminio
for Aluminium



Maschi a macchina a rullare con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reinforced shank for ISO metric coarse thread as per DIN 13

Ref. **6722 - 6622** con canali di lubrificazione / with coolant grooves



Tipo / Type								Former	Former	Former	Former
Tolleranza / Tolerance								6 HX	6 GX	6 HX	6 GX
Forma/Filetti d'imbocco / Chamfer form / No. of threads								C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio / Cutting direction											
Materiale / Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo / Pitch	Preforo / Tap drill	l ₁ mm	l ₂ mm	d ₂ mm / h9	a / h12	6722	6622	6722 BL	6622 BL	
M 1**	0,25	0,88	40	5,5	2,5	2,1	●	-	●	-	
M 1,1**	0,25	0,98	40	5,5	2,5	2,1	●	-	●	-	
M 1,2**	0,25	1,08	40	5,5	2,5	2,1	●	-	●	-	
M 1,4**	0,30	1,25	40	7,0	2,5	2,1	●	-	●	-	
M 1,6	0,35	1,45	40	8,0	2,5	2,1	●	-	●	-	
M 1,7*	0,35	1,55	40	8,0	2,5	2,1	●	-	●	-	
M 1,8	0,35	1,65	40	8,0	2,5	2,1	●	-	●	-	
M 2	0,40	1,80	45	8,0	2,8	2,1	●	●	●	●	
M 2,2	0,45	2,00	45	9,0	2,8	2,1	●	-	●	-	
M 2,3*	0,40	2,10	45	9,0	2,8	2,1	●	-	●	-	
M 2,5	0,45	2,30	50	9,0	2,8	2,1	●	●	●	●	
M 2,6*	0,45	2,40	50	9,0	2,8	2,1	●	-	●	-	
M 3	0,50	2,75	56	11,0	3,5	2,7	●	●	●	●	
M 3,5	0,60	3,20	56	13,0	4,0	3,0	●	●	●	●	
M 4	0,70	3,65	63	13,0	4,5	3,4	●	●	●	●	
M 5	0,80	4,60	70	16,0	6,0	4,9	●	●	●	●	
M 6	1,00	5,50	80	19,0	6,0	4,9	●	●	●	●	
M 7	1,00	6,50	80	19,0	7,0	5,5	●	-	●	-	
M 8	1,25	7,40	90	22,0	8,0	6,2	●	●	●	●	
M 10	1,50	9,30	100	24,0	10,0	8,0	●	●	●	●	
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								6723	6623	6723	6623

* Misura non in standard ISO / These sizes are not ISO standard.
 ** Tolleranza 5H / Tolerance 5H

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reinforced shank for ISO metric coarse thread as per DIN 13

Ref. **6722 – 6622** con canalini di lubrificazione / with coolant grooves



Former	Former	Former	Former	Former	Former	Tipo / Type		
6 HX	6 GX	6 HX	6 GX	6 HX	6 GX	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
						Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6722 TN	6622 TN	6722 TF	6622 TF	6722 TX	6622 TX	Ø mm	Passo Pitch	Preforo Tap drill
●	-	●	-	●	-	M 1**	0,25	0,88
●	-	●	-	●	-	M 1,1**	0,25	0,98
●	-	●	-	●	-	M 1,2**	0,25	1,08
●	-	●	-	●	-	M 1,4**	0,30	1,25
●	-	●	-	●	-	M 1,6	0,35	1,45
●	-	●	-	●	-	M 1,7*	0,35	1,55
●	-	●	-	●	-	M 1,8	0,35	1,65
●	●	●	●	●	●	M 2	0,40	1,80
●	-	●	-	●	-	M 2,2	0,45	2,00
●	-	●	-	●	-	M 2,3*	0,40	2,10
●	●	●	●	●	●	M 2,5	0,45	2,30
●	-	●	-	●	-	M 2,6*	0,45	2,40
●	●	●	●	●	●	M 3	0,50	2,75
●	●	●	●	●	●	M 3,5	0,60	3,20
●	●	●	●	●	●	M 4	0,70	3,65
●	●	●	●	●	●	M 5	0,80	4,60
●	●	●	●	●	●	M 6	1,00	5,50
●	-	●	-	●	-	M 7	1,00	6,50
●	●	●	●	●	●	M 8	1,25	7,40
●	●	●	●	●	●	M 10	1,50	9,30
6723TN	6623TN	6723TF	6623TF	6723TX	6623TX			

* Misura non in standard ISO / These sizes are not ISO standard.
 ** Tolleranza 5H / Tolerance 5H

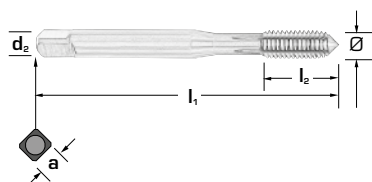
● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reinforced shank for ISO metric coarse thread as per DIN 13

Ref. **6709 – 6819** con canalini di lubrificazione / with coolant grooves



								Former s	Former s	Former s	Former s
								6 HX	6 GX	6 HX	6 GX
								C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6709	6808	6709 BL	6808 BL
M 3,0	0,50	2,75	56	11	3,5	2,7		●	●	●	●
M 3,5	0,60	3,20	56	13	4,0	3,0		●	●	●	●
M 4,0	0,70	3,65	63	13	4,5	3,4		●	●	●	●
M 5,0	0,80	4,60	70	16	6,0	4,9		●	●	●	●
M 6,0	1,00	5,50	80	19	6,0	4,9		●	●	●	●
M 7,0	1,00	6,50	80	19	7,0	5,5		●	-	●	-
M 8,0	1,25	7,40	90	22	8,0	6,2		●	●	●	●
M 10,0	1,50	9,30	100	24	10,0	8,0		●	●	●	●
Per misure con gambo passante superiori a M 10 vedi N. cod. / above M 10 refer to Cat.-No.								6725	6809	6725	6809

Former s: rullare con canalini
with coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo rinforzato per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reinforced shank for ISO metric coarse thread as per DIN 13

Ref. **6709 – 6819** con canalini di lubrificazione / with coolant grooves



Former s							Tipo / Type		
6 HX	6 GX	6 HX	6 GX	6 HX	6 GX	7 GX	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6709 TN	6808 TN	6709 TF	6808 TF	6709 TX	6808 TX	6819	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	●	●	-	M 3,0	0,50	2,75
●	●	●	●	●	●	-	M 3,5	0,60	3,20
●	●	●	●	●	●	-	M 4,0	0,70	3,65
●	●	●	●	●	●	-	M 5,0	0,80	4,60
●	●	●	●	●	●	●	M 6,0	1,00	5,50
●	-	●	-	●	-	-	M 7,0	1,00	6,50
●	●	●	●	●	●	●	M 8,0	1,25	7,40
●	●	●	●	●	●	●	M 10,0	1,50	9,30
6725TN	6809TN	6725TF	6809TF	6725TX	6809TX	-			

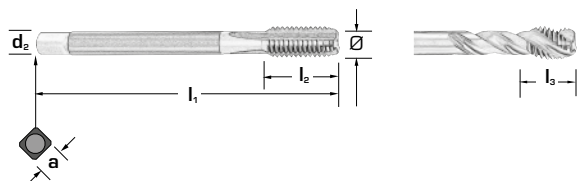
Former s: rullare con canalini
with coolant grooves

DIN 376



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank for ISO-metric coarse thread as per DIN 13



Tipo / Type									N	N	N	N	AZ	N 15°	N 15°	N 15°	N 15°
Tolleranza Tolerance									6 H	6 H	6 H	6 H	6 H	6 H	6 H	6 H	6 H+0,1
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction																	
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6705	6705 TN	6705 TC	6715	6821	6658	6658 TN	6658 TC	6903
M 2	0,40	1,60	45	8	-	1,4	-	●	●	●	-	-	-	-	-	-	-
M 2,2	0,45	1,75	45	9	-	1,6	-	■	-	-	-	-	-	-	-	-	-
M 2,3*	0,40	1,90	45	9	-	1,6	-	●	●	●	-	-	-	-	-	-	-
M 2,5	0,45	2,05	50	9	-	1,8	-	●	●	●	-	-	-	-	-	-	-
M 2,6*	0,45	2,10	50	9	4	1,8	-	●	●	●	-	-	-	-	-	-	-
M 3	0,50	2,50	56	11	5	2,2	-	●	●	●	-	-	-	-	-	-	-
M 3,5	0,60	2,90	56	13	6	2,5	2,1	●	●	●	-	-	-	-	-	-	-
M 4	0,70	3,30	63	13	7	2,8	2,1	●	●	●	-	-	-	-	-	-	-
M 5	0,80	4,20	70	16	8	3,5	2,7	●	●	●	-	-	-	-	-	-	-
M 6	1,00	5,00	80	19	10	4,5	3,4	●	●	●	-	●	-	-	-	-	-
M 7	1,00	6,00	80	19	10	5,5	4,3	●	●	●	-	-	-	-	-	-	-
M 8	1,25	6,80	90	22	12	6,0	4,9	●	●	●	-	●	●	●	●	●	-
M 9	1,25	7,80	90	22	19	7,0	5,5	●	●	●	-	-	-	-	-	-	-
M 10	1,50	8,50	100	24	14	7,0	5,5	●	●	●	-	●	●	●	●	●	-
M 12	1,75	10,20	110	29	16	9,0	7,0	●	●	●	●	●	●	●	●	●	●
M 14	2,00	12,00	110	30	20	11,0	9,0	●	●	●	●	-	●	●	●	●	●
M 16	2,00	14,00	110	32	20	12,0	9,0	●	●	●	●	●	●	●	●	●	●
M 18	2,50	15,50	125	34	24	14,0	11,0	●	●	●	●	●	●	●	●	●	-
M 20	2,50	17,50	140	34	25	16,0	12,0	●	●	●	●	●	●	●	●	●	●
M 22	2,50	19,50	140	34	25	18,0	14,5	●	●	●	●	-	●	●	●	●	-
M 24	3,00	21,00	160	38	30	18,0	14,5	●	●	●	●	●	●	●	●	●	-
M 27	3,00	24,00	160	38	30	20,0	16,0	●	●	●	-	-	●	●	●	●	-
M 30	3,50	26,50	180	45	35	22,0	18,0	●	●	●	-	-	●	●	●	●	-
M 33	3,50	29,50	180	50	-	25,0	20,0	●	●	●	-	-	-	-	-	-	-
M 36	4,00	32,00	200	56	-	28,0	22,0	●	●	●	-	-	-	-	-	-	-
M 39	4,00	35,00	200	60	-	32,0	24,0	●	●	●	-	-	-	-	-	-	-
M 42	4,50	37,50	200	60	-	32,0	24,0	●	●	●	-	-	-	-	-	-	-
M 45	4,50	40,50	220	65	-	36,0	29,0	●	●	●	-	-	-	-	-	-	-
M 48	5,00	43,00	250	70	-	36,0	29,0	●	●	●	-	-	-	-	-	-	-
M 52	5,00	47,00	250	70	-	40,0	32,0	●	●	●	-	-	-	-	-	-	-

N: Impiego tradizionale
universal application

N 15°: normale a 15°
15° right hand helix

AZ: con denti alternati
interrupted threads

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank
for ISO-metric coarse thread as per DIN 13



N 40°	N VAP 40°	N 40°	N 40°	N 40°	N 40°	N 40°	N Sx 40°	Tipo / Type		
6 H	6 H	6 G	7 G	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
								Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6638	6638 VP	6638 6G	6638 7G	6638 TN	6638 TC	6868	6862	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	-	-	-	M 2	0,40	1,60
-	-	-	-	-	-	-	-	M 2,2	0,45	1,75
-	-	-	-	-	-	-	-	M 2,3*	0,40	1,90
-	-	-	-	-	-	-	-	M 2,5	0,45	2,05
-	-	-	-	-	-	-	-	M 2,6*	0,45	2,10
●	●	●	-	-	-	-	-	M 3	0,50	2,50
●	●	●	-	-	-	-	-	M 3,5	0,60	2,90
●	●	●	-	-	-	-	-	M 4	0,70	3,30
●	●	●	-	-	-	-	-	M 5	0,80	4,20
●	●	●	-	-	-	-	-	M 6	1,00	5,00
●	●	-	-	-	-	-	-	M 7	1,00	6,00
●	●	●	●	-	-	-	-	M 8	1,25	6,80
●	●	-	-	-	-	-	-	M 9	1,25	7,80
●	●	●	●	-	-	-	-	M 10	1,50	8,50
●	●	●	●	●	●	●	●	M 12	1,75	10,20
●	●	●	-	●	●	●	●	M 14	2,00	12,00
●	●	●	●	●	●	●	●	M 16	2,00	14,00
●	●	●	-	●	●	●	●	M 18	2,50	15,50
●	●	●	●	●	●	●	●	M 20	2,50	17,50
●	●	●	-	-	-	-	-	M 22	2,50	19,50
●	●	●	●	-	-	-	-	M 24	3,00	21,00
●	●	-	-	-	-	-	-	M 27	3,00	24,00
●	●	●	-	-	-	-	-	M 30	3,50	26,50
●	●	-	-	-	-	-	-	M 33	3,50	29,50
●	●	-	-	-	-	-	-	M 36	4,00	32,00
-	-	-	-	-	-	-	-	M 39	4,00	35,00
-	-	-	-	-	-	-	-	M 42	4,50	37,50
-	-	-	-	-	-	-	-	M 45	4,50	40,50
-	-	-	-	-	-	-	-	M 48	5,00	43,00
-	-	-	-	-	-	-	-	M 52	5,00	47,00

N 40°: normale a 40°
40° right hand helix

VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock

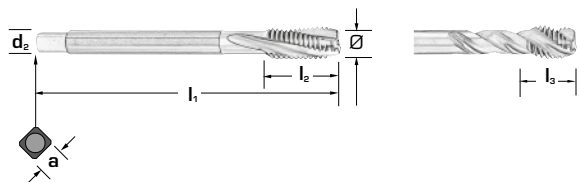


Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

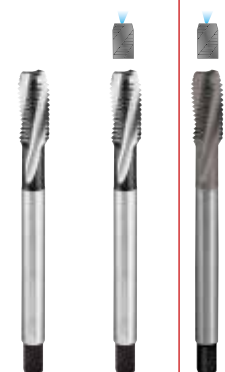
Machine taps with reduced shank for ISO-metric coarse thread as per DIN 13



Lubrificazione assiale
Axial internal cooling



NEW



Tipo / Type									VA 15°	VA i 15°	VA i 15°
Tolleranza Tolerance									6 HX	6 HX	6 HX
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction											
Materiale/Material									HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6634	6605	6605 XP
M 12	1,75	10,2	110	29	16	9	7,0		●	●	●
M 14	2,00	12,0	110	30	20	11	9,0		●	-	-
M 16	2,00	14,0	110	32	20	12	9,0		●	●	●
M 18	2,50	15,5	125	34	24	14	11,0		●	-	-
M 20	2,50	17,5	140	34	25	16	12,0		●	●	●
M 22	2,50	19,5	140	34	25	18	14,5		●	-	-
M 24	3,00	21,0	160	38	30	18	14,5		●	-	-

VA: Per acciaio inossidabile
for stainless steel

VA i: Per acciaio inox con fori di lubrificazione
for stainless steel, with internal cooling

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank
for ISO-metric coarse thread as per DIN 13



VR 35°	VRP 35°	VR 35°	VR 35°	VR 35°	VRP 50°	VR 50°	Tipo / Type		
6 HX	6 HX	6 HX	6 HX	6 GX	6 HX	6 HX	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6662	6662 VP	6662 TX	6662 XP	6662 6G	6851 VP	6851 TN	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	●	●	●	M 12	1,75	10,2
●	●	●	●	●	●	●	M 14	2,00	12,0
●	●	●	●	●	●	●	M 16	2,00	14,0
●	●	●	●	-	●	●	M 18	2,50	15,5
●	●	●	●	-	●	●	M 20	2,50	17,5
●	●	●	●	-	-	-	M 22	2,50	19,5
●	●	●	●	-	●	●	M 24	3,00	21,0

VR: Per acciaio inox con rastremazione
for stainless steel, back tapered

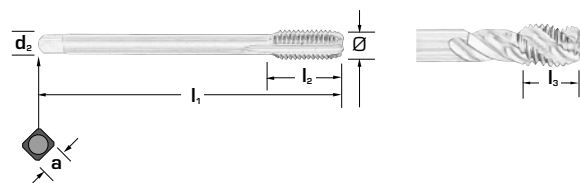
VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank for ISO-metric coarse thread as per DIN 13



Tipo / Type									GG	GG	Multi GGi	Multi GGi	Alu 45°
Tolleranza Tolerance									6 HX	6 HX	6 HX	6 HX	6 HX
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction													
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6632	6632 TF	6637	6637 TC	6651
M 3	0,50	2,5	56	11	5	2,2	-		-	-	-	-	-
M 3,5	0,60	2,9	56	13	6	2,5	2,1		-	-	-	-	-
M 4	0,70	3,3	63	13	7	2,8	2,1		-	-	-	-	-
M 5	0,80	4,2	70	16	8	3,5	2,7		-	-	-	-	-
M 6	1,00	5,0	80	19	10	4,5	3,4		●	●	-	-	-
M 7	1,00	6,0	80	19	10	5,5	4,3		●	●	-	-	-
M 8	1,25	6,8	90	22	12	6,0	4,9		●	●	-	-	-
M 10	1,50	8,5	100	24	14	7,0	5,5		●	●	-	-	-
M 12	1,75	10,2	110	29	16	9,0	7,0		●	●	●	●	●
M 14	2,00	12,0	110	30	20	11,0	9,0		●	●	-	-	●
M 16	2,00	14,0	110	32	20	12,0	9,0		●	●	●	●	●
M 18	2,50	15,5	125	34	24	14,0	11,0		●	●	●	●	●
M 20	2,50	17,5	140	34	25	16,0	12,0		●	●	●	●	●
M 22	2,50	19,5	140	34	25	18,0	14,5		●	●	-	-	-
M 24	3,00	21,0	160	38	30	18,0	14,5		●	●	-	-	-
M 27	3,00	24,0	160	38	30	20,0	16,0		●	●	-	-	-
M 30	3,50	26,5	180	45	35	22,0	18,0		●	●	-	-	-

GG: per ghisa
for cast iron
Alu: per alluminio
for Aluminium

MULTI GG i: Ad alta prestazione per ghisa con fori di lubrificazione
High performance taps with internal cooling for cast iron

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank
for ISO-metric coarse thread as per DIN 13



HD 15°	HD 15°	HD 40°	HD 40°	HD 40°	HR 40°	HR 40°	Tipo / Type		
6 H	6 H	6 H	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6879	6879 HL	6667	6667 TN	6667 TF	6689	6689 TF	Ø mm	Passo Pitch	Preforo Tap drill
-	-	●	●	●	-	-	M 3	0,50	2,5
-	-	●	●	●	-	-	M 3,5	0,60	2,9
-	-	●	●	●	-	-	M 4	0,70	3,3
-	-	●	●	●	-	-	M 5	0,80	4,2
-	-	●	●	●	-	-	M 6	1,00	5,0
-	-	●	●	●	-	-	M 7	1,00	6,0
-	-	●	●	●	-	-	M 8	1,25	6,8
-	-	●	●	●	-	-	M 10	1,50	8,5
●	●	●	●	●	●	●	M 12	1,75	10,2
●	●	●	●	●	●	●	M 14	2,00	12,0
●	●	●	●	●	●	●	M 16	2,00	14,0
●	●	●	●	●	●	●	M 18	2,50	15,5
●	●	●	●	●	●	●	M 20	2,50	17,5
●	●	-	-	-	-	-	M 22	2,50	19,5
●	●	-	-	-	-	-	M 24	3,00	21,0
●	●	-	-	-	-	-	M 27	3,00	24,0
●	●	-	-	-	-	-	M 30	3,50	26,5
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			

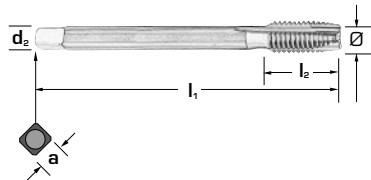
HD: per materiali tenaci
for tough materials
HR: per materiali tenaci rastremato
for tough materials, back tapered

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank for ISO metric coarse thread as per DIN 13



Tipo / Type								Rapid	Rapid VAP	Rapid	Rapid	Rapid
Tolleranza Tolerance								6 H	6 H	6 G	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction												
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6711	6711 VP	6711 6G	6711 TN	6711 TC
M 2	0,40	1,60	45	8	1,4	-		●	●	●	-	-
M 2,2	0,45	1,75	45	9	1,6	-		●	●	-	-	-
M 2,3*	0,40	1,90	45	9	1,6	-		●	●	-	-	-
M 2,5	0,45	2,05	50	9	1,8	-		●	●	●	-	-
M 2,6*	0,45	2,10	50	9	1,8	-		●	●	-	-	-
M 3	0,50	2,50	56	11	2,2	-		●	●	●	-	-
M 3,5	0,60	2,90	56	13	2,5	2,1		●	●	●	-	-
M 4	0,70	3,30	63	13	2,8	2,1		●	●	●	-	-
M 5	0,80	4,20	70	16	3,5	2,7		●	●	●	-	-
M 6	1,00	5,00	80	19	4,5	3,4		●	●	●	-	-
M 7	1,00	6,00	80	19	5,5	4,3		●	●	-	-	-
M 8	1,25	6,80	90	22	6,0	4,9		●	●	●	-	-
M 9	1,25	7,80	90	22	7,0	5,5		●	●	-	-	-
M 10	1,50	8,50	100	24	7,0	5,5		●	●	●	-	-
M 12	1,75	10,20	110	29	9,0	7,0		●	●	●	●	●
M 14	2,00	12,00	110	30	11,0	9,0		●	●	●	●	●
M 16	2,00	14,00	110	32	12,0	9,0		●	●	●	●	●
M 18	2,50	15,50	125	34	14,0	11,0		●	●	●	●	●
M 20	2,50	17,50	140	34	16,0	12,0		●	●	●	●	●
M 22	2,50	19,50	140	34	18,0	14,5		●	●	●	-	-
M 24	3,00	21,00	160	38	18,0	14,5		●	●	●	-	-
M 27	3,00	24,00	160	38	20,0	16,0		●	●	●	-	-
M 30	3,50	26,50	180	45	22,0	18,0		●	●	-	-	-
M 33	3,50	29,50	180	50	25,0	20,0		●	●	●	-	-
M 36	4,00	32,00	200	56	28,0	22,0		●	●	●	-	-
M 39	4,00	35,00	200	60	32,0	24,0		●	●	●	-	-
M 42	4,50	37,50	200	60	32,0	24,0		●	●	●	-	-
M 45	4,50	40,50	220	65	36,0	29,0		●	●	-	-	-
M 48	5,00	43,00	250	70	36,0	29,0		●	●	●	-	-
M 52	5,00	47,00	250	70	40,0	32,0		●	●	-	-	-

Rapid: Impiego tradizionale
universal application

VAP: vaporizzato
vaporized

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank
for ISO metric coarse thread as per DIN 13



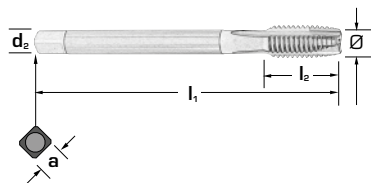
Rapid	N Sx	Tipo / Type		
7 G	6 H	Tolleranza Tolerance		
B/4-5	B/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
		Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	Materiale/Material		
6711 7G	6860	Ø mm	Passo Pitch	Preforo Tap drill
-	-	M 2	0,40	1,60
-	-	M 2,2	0,45	1,75
-	-	M 2,3*	0,40	1,90
-	-	M 2,5	0,45	2,05
-	-	M 2,6*	0,45	2,10
-	-	M 3	0,50	2,50
-	-	M 3,5	0,60	2,90
-	-	M 4	0,70	3,30
-	-	M 5	0,80	4,20
-	-	M 6	1,00	5,00
-	-	M 7	1,00	6,00
●	-	M 8	1,25	6,80
-	-	M 9	1,25	7,80
●	-	M 10	1,50	8,50
●	●	M 12	1,75	10,20
-	●	M 14	2,00	12,00
●	●	M 16	2,00	14,00
-	●	M 18	2,50	15,50
●	●	M 20	2,50	17,50
-	-	M 22	2,50	19,50
●	-	M 24	3,00	21,00
-	-	M 27	3,00	24,00
-	-	M 30	3,50	26,50
-	-	M 33	3,50	29,50
-	-	M 36	4,00	32,00
-	-	M 39	4,00	35,00
-	-	M 42	4,50	37,50
-	-	M 45	4,50	40,50
-	-	M 48	5,00	43,00
-	-	M 52	5,00	47,00

Rapid: Impiego tradizionale
universal application



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank for ISO metric coarse thread as per DIN 13



Tipo / Type								AZ	NL 15°	VA	VAP	VA	VA
Tolleranza Tolerance								6 H	6 H	6 HX	6 HX	6 HX	6 GX
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction													
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6617	6740	6647	6647 VP	6647 XP	6647 6G
M 2	0,40	1,60	45	8	1,4	-		-	-	-	-	-	-
M 2,2	0,45	1,75	45	9	1,6	-		-	-	-	-	-	-
M 2,3*	0,40	1,90	45	9	1,6	-		-	-	-	-	-	-
M 2,5	0,45	2,05	50	9	1,8	-		-	-	-	-	-	-
M 2,6*	0,45	2,10	50	9	1,8	-		-	-	-	-	-	-
M 3	0,50	2,50	56	11	2,2	-		-	-	-	-	-	-
M 3,5	0,60	2,90	56	13	2,5	2,1		-	-	-	-	-	-
M 4	0,70	3,30	63	13	2,8	2,1		-	-	-	-	-	-
M 5	0,80	4,20	70	16	3,5	2,7		-	-	-	-	-	-
M 6	1,00	5,00	80	19	4,5	3,4		-	-	-	-	-	-
M 7	1,00	6,00	80	19	5,5	4,3		-	-	-	-	-	-
M 8	1,25	6,80	90	22	6,0	4,9		-	-	-	-	-	-
M 9	1,25	7,80	90	22	7,0	5,5		-	-	-	-	-	-
M 10	1,50	8,50	100	24	7,0	5,5		-	-	-	-	-	-
M 12	1,75	10,20	110	29	9,0	7,0		●	●	●	●	●	●
M 14	2,00	12,00	110	30	11,0	9,0		●	●	●	●	●	●
M 16	2,00	14,00	110	32	12,0	9,0		●	●	●	●	●	●
M 18	2,50	15,50	125	34	14,0	11,0		●	●	●	●	●	-
M 20	2,50	17,50	140	34	16,0	12,0		●	●	●	●	●	-
M 22	2,50	19,50	140	34	18,0	14,5		-	-	●	●	●	-
M 24	3,00	21,00	160	38	18,0	14,5		-	-	●	●	●	-
M 27	3,00	24,00	160	38	20,0	16,0		-	-	-	-	-	-
M 30	3,50	26,50	180	45	22,0	18,0		-	-	-	-	-	-

AZ: con denti alternati interrupted threads
NL15°: elica sinistra a 15° left hand helix
VAP: vaporizzato vaporized

* Misura non in standard ISO / These sizes are not ISO standard.
 ● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with reduced shank
for ISO metric coarse thread as per DIN 13



HD	HD	HD	Alu			
6 H	6 H	6 H	6 H	Tipo / Type		
B/4-5	B/4-5	B/4-5	B/4-5	Tolleranza Tolerance		
				Forma/Filetti d'imbocco Chamfer form / No. of threads		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction		
6871	6871 TN	6871 TF	6642	Materiale/Material		
				Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	M 2	0,40	1,60
-	-	-	-	M 2,2	0,45	1,75
-	-	-	-	M 2,3*	0,40	1,90
-	-	-	-	M 2,5	0,45	2,05
-	-	-	-	M 2,6*	0,45	2,10
-	-	-	-	M 3	0,50	2,50
-	-	-	-	M 3,5	0,60	2,90
-	-	-	-	M 4	0,70	3,30
-	-	-	-	M 5	0,80	4,20
-	-	-	-	M 6	1,00	5,00
-	-	-	-	M 7	1,00	6,00
-	-	-	-	M 8	1,25	6,80
-	-	-	-	M 9	1,25	7,80
-	-	-	-	M 10	1,50	8,50
●	●	●	●	M 12	1,75	10,20
●	●	●	●	M 14	2,00	12,00
●	●	●	●	M 16	2,00	14,00
●	●	●	●	M 18	2,50	15,50
●	●	●	●	M 20	2,50	17,50
-	-	-	-	M 22	2,50	19,50
●	●	●	-	M 24	3,00	21,00
●	●	●	-	M 27	3,00	24,00
●	●	●	-	M 30	3,50	26,50

HD : per materiali tenaci
for tough materials

Alu : per alluminio
for Aluminium

● Utensile disponibile a magazzino / Items available ex stock

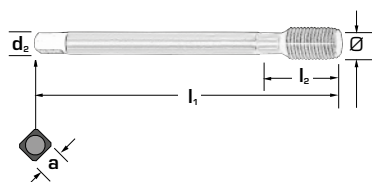
DIN 376



Maschi a macchina a rullare con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reduced shank for ISO metric coarse thread as per DIN

Ref. **6723 – 6623** senza canali di lubrificazione / without coolant grooves



Tipo / Type								Former	Former	Former	Former
Tolleranza Tolerance								6 HX	6 GX	6 HX	6 GX
Forma/Filetti d'imbocco Chamfer form / No. of threads								C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction											
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6723	6623	6723 BL	6623 BL
M 12	1,75	11,2	110	29	9	7		●	●	●	●
M 14	2,00	13,0	110	30	11	9		●	●	●	●
M 16	2,00	15,0	110	32	12	9		●	●	●	●

Former: **senza canali di lubrificazione**
without coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reduced shank for ISO metric coarse thread as per DIN

Ref. **6723 – 6623** senza canalini di lubrificazione / without coolant grooves



Former	Former	Former	Former	Former	Former	Tipo / Type		
6 HX	6 GX	6 HX	6 GX	6 HX	6 GX	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
						Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6723 TN	6623 TN	6723 TF	6623 TF	6723 TX	6623 TX	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	●	●	M 12	1,75	11,2
●	●	●	●	●	●	M 14	2,00	13,0
●	●	●	●	●	●	M 16	2,00	15,0

Former: **senza canalini di lubrificazione**
without coolant grooves

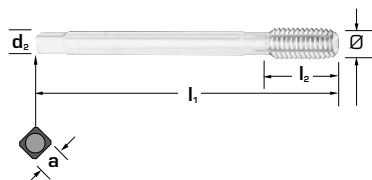
● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reduced shank for ISO metric coarse thread as per DIN

Ref. **6725 – 6809** con canalini di lubrificazione / with coolant grooves



								Former-S	Former-S	Former-S	Former-S
								6 HX	6 GX	6 HX	6 GX
								C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6725	6809	6725 BL	6809 BL
M 12	1,75	11,2	110	29	9	7		●	●	●	●
M 14	2,00	13,0	110	30	11	9		●	●	●	●
M 16	2,00	15,0	110	32	12	9		●	●	●	●

Former S: rullare con canalini with coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina a rullare con gambo passante per Filettatura Metrica ISO Passo Grosso DIN 13

Cold forming taps with reduced shank for ISO metric coarse thread as per DIN

Ref. **6725 – 6809** con canalini di lubrificazione / with coolant grooves



Former-S						Tolo / Type		
6 HX						Tolleranza Tolerance		
6 GX						Forma/Filetti d'imbocco Chamfer form / No. of threads		
C/2,5-3						Direzione di taglio Cutting direction		
HSS-Co						Materiale/Material		
6725 TN	6809 TN	6725 TF	6809 TF	6725 TX	6809 TX	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	●	●	M 12	1,75	11,2
●	●	●	●	●	●	M 14	2,00	13,0
●	●	●	●	●	●	M 16	2,00	15,0

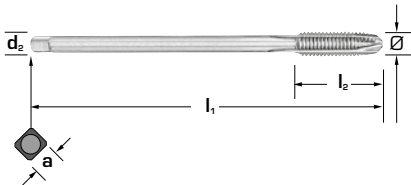
Former S: rullare con canalini
with coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo lungo per Filettatura Metrica ISO Passo Grosso DIN 13

Machine taps with long shank for ISO metric coarse thread as per DIN 13



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

6 H

B/4-5



HSS-Co

6672

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
M 3	0,50	2,5	70	18	2,2	-	●
M 4	0,70	3,3	90	22	2,8	2,1	●
M 5	0,80	4,2	100	24	3,5	2,7	●
M 6	1,00	5,0	110	25	4,5	3,4	●
M 7	1,00	6,0	110	25	5,5	4,3	●
M 8	1,25	6,8	125	28	6,0	4,9	●
M 10	1,50	8,5	140	30	7,0	5,5	●
M 12	1,75	10,2	180	35	9,0	7,0	●
M 14	2,00	12,0	200	35	11,0	9,0	●

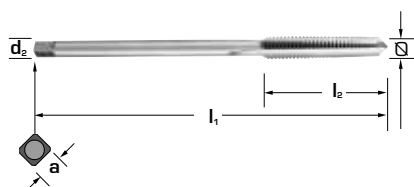
N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina per dadi con gambo diritto e imbocco extra lungo per Filettatura Metrica ISO Passo Grosso DIN 13

Machine nut taps with extra long lead, straight shank for ISO metric coarse thread as per DIN 13



Tipo / Type								N
Tolleranza Tolerance								6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								A/6-8
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6660	
M 3	0,50	2,5	70	22	2,2	-	●	
M 3,5	0,60	2,9	80	25	2,5	2,1	●	
M 4	0,70	3,3	90	25	2,8	2,1	●	
M 5	0,80	4,2	100	28	3,5	2,7	●	
M 6	1,00	5,0	110	32	4,5	3,4	●	
M 7	1,00	6,0	110	36	5,5	4,3	●	
M 8	1,25	6,8	125	40	6,0	4,9	●	
M 10	1,50	8,5	140	45	7,0	5,5	●	
M 12	1,75	10,2	180	50	9,0	7,0	●	
M 14	2,00	12,0	200	56	11,0	9,0	●	
M 16	2,00	14,0	200	63	12,0	9,0	●	
M 18	2,50	15,5	220	63	14,0	11,0	●	
M 20	2,50	17,5	250	70	16,0	12,0	●	
M 22	2,50	19,5	280	80	18,0	14,5	●	
M 24	3,00	21,0	280	80	18,0	14,5	●	
M 27	3,00	24,0	315	90	20,0	16,0	●	
M 30	3,50	26,5	315	100	22,0	18,0	●	

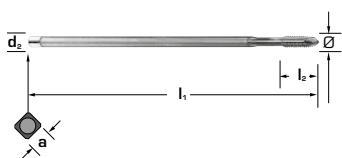
N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a macchina con gambo prolungato
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni simile doppio al DIN 371**

Machine taps with extra long shank
for ISO metric coarse thread as per DIN 13
approx. double length of DIN 371



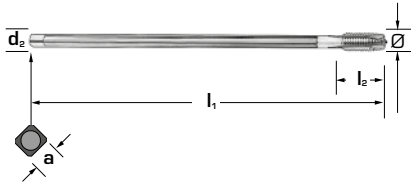
Tipo / Type								N
Tolleranza Tolerance								6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6692	
M 3	0,5	2,5	100	11	3,5	2,7	●	
M 4	0,7	3,3	120	13	4,5	3,4	●	
M 5	0,8	4,2	140	15	6,0	4,9	●	
M 6	1,0	5,0	160	17	6,0	4,9	●	

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a macchina con gambo prolungato
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni similare doppio al DIN 376**

Machine taps with extra long shank
for ISO metric coarse thread as per DIN 13
approx. double length of DIN 3716



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

6 H

B/4-5



HSS-Co

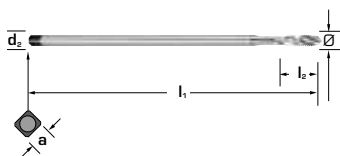
6695

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
M 8	1,25	6,8	180	20	6,0	4,9	●
M 10	1,50	8,5	200	22	7,0	5,5	●
M 12	1,75	10,2	224	24	9,0	7,0	●
M 14	2,00	12,0	224	26	11,0	9,0	●
M 16	2,00	14,0	224	27	12,0	9,0	●
M 18	2,50	15,5	250	30	14,0	11,0	●
M 20	2,50	17,5	280	32	16,0	12,0	●



**Maschi a macchina extra lunghi a 40°
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni similare doppio al DIN 371**

Machine taps, extra long, 40° right hand helix
for ISO metric coarse thread as per DIN 13
approx. double length of DIN 371



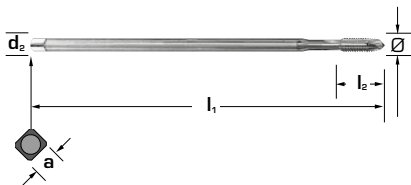
Tipo / Type								N 40°
Tolleranza Tolerance								6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								C/2,5-3
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l₁ mm	l₂ mm	d₂mm h9	a h12		6840
M 3	0,5	2,5	100	11	3,5	2,7		●
M 4	0,7	3,3	120	13	4,5	3,4		●
M 5	0,8	4,2	140	15	6,0	4,9		●
M 6	1,0	5,0	160	17	6,0	4,9		●

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina extra lunghi
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni similare doppio al DIN 371

Machine taps, extra long
 for ISO metric coarse thread as per DIN 13
 approx. double total length of DIN 371



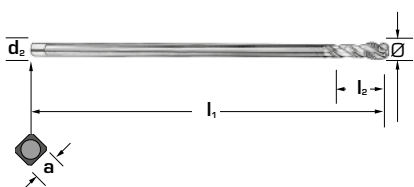
								N
Tipo / Type								6 H
Tolleranza Tolerance								B/4-5
Forma/Filetti d'imbocco Chamfer form / No. of threads								
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6842	
M 3	0,5	2,5	100	11	3,5	2,7	●	
M 4	0,7	3,3	120	13	4,5	3,4	●	
M 5	0,8	4,2	140	15	6,0	4,9	●	
M 6	1,0	5,0	160	17	6,0	4,9	●	

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a macchina extra lunghi a 40°
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni similare doppio al DIN 376**

Machine taps, extra long, 40° right hand helix
for ISO metric coarse thread as per DIN 13
approx. double length of DIN 376



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 40°

6 H

C/2,5-3



HSS-Co

6841

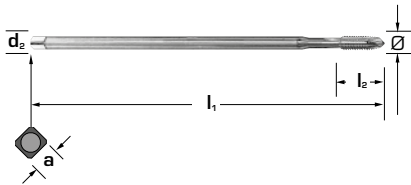
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
M 8	1,25	6,8	180	20	6	4,9	●
M 10	1,50	8,5	200	22	7	4,9	●
M 12	1,75	10,2	224	24	9	7,0	●
M 14	2,00	12,0	224	26	11	9,0	●
M 16	2,00	14,0	224	27	12	9,0	●
M 18	2,50	15,5	250	30	14	11,0	●
M 20	2,50	17,5	280	32	16	12,0	●

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a macchina extra lunghi
per Filettatura Metrica ISO Passo Grosso DIN 13
in generale dimensioni similare doppio al DIN 376**

Machine taps, extra long
for ISO metric coarse thread as per DIN 13
approx. double total length of DIN 376



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

6 H

B/4-5



HSS-Co

6843

Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
M 8	1,25	6,8	180	20	6	4,9	●
M 10	1,50	8,5	200	22	7	4,9	●
M 12	1,75	10,2	224	24	9	7,0	●
M 14	2,00	12,0	224	26	11	9,0	●
M 16	2,00	14,0	224	27	12	9,0	●
M 18	2,50	15,5	250	30	14	11,0	●
M 20	2,50	17,5	280	32	16	12,0	●

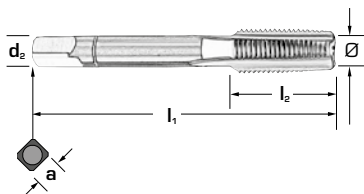
● Utensile disponibile a magazzino / Items available ex stock



Maschi a mano in serie di 2 pezzi composta da sbizzatore e finitore per Filettatura Metrica ISO Passo Fine DIN 13

Hand taps, serial, in set of 2 pieces for ISO metric fine threads as per DIN 13

MF SERIE 6633



								N	N
Tolleranza								6 H	6 H
Forma/Filetti d'imbocco								A/5-6	C/2,5-3
Direzione di taglio									
Materiale/Material								HSS	HSS
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6633 P	6633 T	
MF 2	0,25	1,8	36	8	2,8	2,1	●	●	
MF 2,2	0,25	2,0	36	9	2,8	2,1	●	●	
MF 2,3	0,25*	2,1	36	9	2,8	2,1	●	●	
MF 2,5	0,35	2,2	40	9	2,8	2,1	●	●	
MF 2,6	0,35	2,3	40	9	2,8	2,1	●	●	
MF 3	0,35	2,7	40	9	3,5	2,7	●	●	
MF 3,5	0,35	3,2	45	10	4,0	3,0	●	●	
MF 4	0,50	3,5	45	10	4,5	3,4	●	●	
MF 5	0,50	4,5	50	12	6,0	4,9	●	●	
MF 6	0,50	5,5	50	14	6,0	4,9	●	●	
MF 6	0,75	5,2	50	14	6,0	4,9	●	●	
MF 7	0,75	6,2	50	14	6,0	4,9	●	●	
MF 8	0,50	7,5	50	19	6,0	4,9	●	●	
MF 8	0,75	7,2	50	19	6,0	4,9	●	●	
MF 8	1,00	7,0	56	22	6,0	4,9	●	●	
MF 9	1,00	8,0	63	22	7,0	5,5	●	●	
MF 10	0,75	9,2	63	20	7,0	5,5	●	●	
MF 10	1,00	9,0	63	20	7,0	5,5	●	●	
MF 10	1,25	8,8	70	24	7,0	5,5	●	●	
MF 11	1,00	10,0	63	20	8,0	6,2	●	●	
MF 12	1,00	11,0	70	22	9,0	7,0	●	●	
MF 12	1,25	10,8	70	22	9,0	7,0	●	●	
MF 12	1,50	10,5	70	22	9,0	7,0	●	●	
MF 14	1,00	13,0	70	22	11,0	9,0	●	●	
MF 14	1,25*	12,8	70	22	11,0	9,0	●	●	
MF 14	1,50	12,5	70	22	11,0	9,0	●	●	
MF 15	1,00	14,0	70	22	12,0	9,0	●	●	
MF 15	1,50	13,5	70	22	12,0	9,0	●	●	
MF 16	1,00	15,0	70	22	12,0	9,0	●	●	
MF 16	1,50	14,5	70	22	12,0	9,0	●	●	
MF 18	1,00	17,0	80	22	14,0	11,0	●	●	
MF 18	1,50	16,5	80	22	14,0	11,0	●	●	

N: Impiego tradizionale
universal application

* Misura non in standard ISO / These sizes are not ISO standard. - Il maschio sbizzatore è disponibile a richiesta / Only available as set. Only taper Tap (No. 1) upon request.

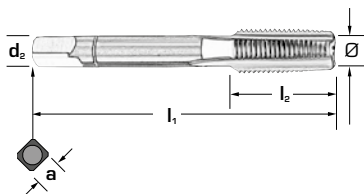
● Utensile disponibile a magazzino / Items available ex stock



Maschi a mano in serie di 2 pezzi composta da sbizzatore e finitore per Filettatura Metrica ISO Passo Fine DIN 13

Hand taps, serial, in set of 2 pieces for ISO metric fine threads as per DIN 13

MF SERIE 6633



							N	N
Tolleranza							6 H	6 H
Forma/Filetti d'imbocco							A/5-6	A/5-6
Direzione di taglio								
Materiale/Material							HSS	HSS
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6633 P	6633 T
MF 18	2,0	16,00	80	22	14	11,0	●	●
MF 20	1,0	19,00	80	22	16	12,0	●	●
MF 20	1,5	18,50	80	22	16	12,0	●	●
MF 20	2,0	18,00	80	22	16	12,0	●	●
MF 22	1,0	21,00	80	22	18	14,5	●	●
MF 22	1,5	20,50	80	22	18	14,5	●	●
MF 22	2,0	20,00	80	22	18	14,5	●	●
MF 24	1,0	23,00	90	22	18	14,5	●	●
MF 24	1,5	22,50	90	22	18	14,5	●	●
MF 24	2,0	22,00	90	22	18	14,5	●	●
MF 26	1,5	24,50	90	22	18	14,5	●	●
MF 27	1,5	25,50	90	22	20	16,0	●	●
MF 27	2,0	25,00	90	22	20	16,0	●	●
MF 28	1,5	26,50	90	22	20	16,0	●	●
MF 30	1,0	29,00	90	22	22	18,0	●	●
MF 30	1,5	28,50	90	22	22	18,0	●	●
MF 30	2,0	28,00	90	22	22	18,0	●	●
MF 32	1,5	30,50	90	22	22	18,0	●	●
MF 33	1,5	31,50	100	25	25	20,0	●	●
MF 34	1,5	32,50	100	25	28	22,0	●	●
MF 35	1,5	33,50	100	25	25	20,0	●	●
MF 36	1,5	34,50	100	25	28	22,0	●	●
MF 36	3,0	33,00	125	40	28	22,0	●	●
MF 38	1,5	36,50	100	25	28	22,0	●	●
MF 40	1,5	38,50	110	25	32	24,0	●	●
MF 42	1,5	40,50	110	25	32	24,0	●	●
MF 45	1,5	43,50	110	25	36	29,0	●	●
MF 48	1,5	46,50	140	40	36	29,0	●	●
MF 48	2,0	46,00	140	40	36	29,0	●	●
MF 48	3,0	45,00	140	40	36	29,0	●	●
MF 50	1,5	48,50	140	40	36	29,0	●	●
MF 52	1,5	50,50	140	40	40	32,0	●	●

N: Impiego tradizionale
universal application

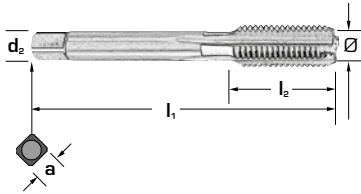
* Misura non in standard ISO / These sizes are not ISO standard. - Il maschio sbizzatore è disponibile a richiesta / Only available as set. Only taper Tap (No. 1) upon request.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina corti per Filettatura Metrica ISO Passo Fine DIN 13

Short machine taps
for ISO metric fine thread as per DIN 13



Tipo / Type								N	N 15°	MS
Tolleranza Tolerance								6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction										
Materiale/Material								HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6899	6656	6724	
MF 4	0,50	3,5	45	10	4,5	3,4	-	●	●	
MF 5	0,50	4,5	50	12	6,0	4,9	-	●	●	
MF 6	0,50	5,5	50	14	6,0	4,9	●	●	●	
MF 6	0,75	5,2	50	14	6,0	4,9	●	-	●	
MF 7	0,75	6,2	50	14	6,0	4,9	-	-	●	
MF 8	0,50	7,5	50	19	6,0	4,9	●	●	●	
MF 8	0,75	7,2	50	19	6,0	4,9	●	●	●	
MF 8	1,00	7,0	56	22	6,0	4,9	●	-	●	
MF 9	1,00	8,0	63	22	7,0	5,5	●	-	●	
MF 10	0,75	9,2	63	20	7,0	5,5	●	-	●	
MF 10	1,00	9,0	63	20	7,0	5,5	●	●	●	
MF 10	1,25	8,8	70	24	7,0	5,5	●	-	●	
MF 11	1,00	10,0	63	20	8,0	6,2	-	-	●	
MF 12	1,00	11,0	70	22	9,0	7,0	●	●	●	
MF 12	1,25	10,8	70	22	9,0	7,0	●	-	●	
MF 12	1,50	10,5	70	22	9,0	7,0	●	●	●	
MF 14	1,00	10,5	70	22	9,0	7,0	●	-	-	
MF 14	1,25	10,5	70	22	9,0	7,0	●	-	-	
MF 14	1,50	12,5	70	22	11,0	9,0	●	●	-	
MF 16	1,00	12,5	70	22	11,0	9,0	●	-	-	
MF 16	1,50	14,5	70	22	12,0	9,0	●	●	-	
MF 18	1,00	14,5	70	22	12,0	9,0	●	-	-	
MF 18	1,50	16,5	80	22	14,0	11,0	●	●	-	
MF 18	2,00	16,5	80	22	14,0	11,0	●	-	-	
MF 20	1,00	16,5	80	22	14,0	11,0	●	-	-	
MF 20	1,50	18,5	80	22	16,0	12,0	●	●	-	
MF 20	2,00	18,5	80	22	16,0	12,0	●	-	-	
MF 22	1,50	20,5	80	22	18,0	14,5	-	●	-	
MF 24	1,50	22,5	90	22	18,0	14,5	-	●	-	

N: Impiego tradizionale
universal application

N 15°: normale a 15°
right hand helix

MS: per ottone
for brass

● Utensile disponibile a magazzino / Items available ex stock



Angelo Ghezzi & C SpA

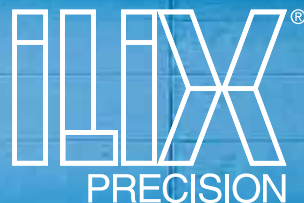


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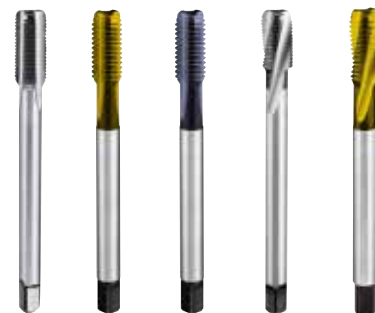
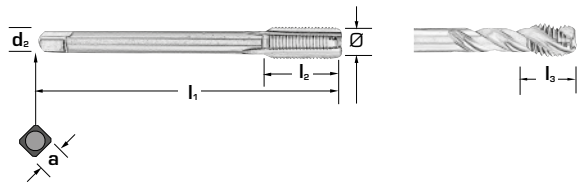


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Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type									N	N	N	N 15°	N 15°
Tolleranza Tolerance									6 H	6 H	6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction													
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ MAX mm	l ₃ mm	d ₂ mm h9	a h12		6726	6726 TN	6726 TC	6664	6664 TN
MF 3	0,35	2,65	56	9	5	2,2	-		●	●	●	-	-
MF 3,5	0,35	3,15	56	10	6	2,5	2,1		●	●	●	-	-
MF 4	0,50	3,50	63	10	7	2,8	2,1		●	●	●	-	-
MF 5	0,50	4,50	70	12	8	3,5	2,7		●	●	●	-	-
MF 6	0,50	5,50	80	14	10	4,5	3,4		●	●	●	-	-
MF 6	0,75	5,20	80	14	10	4,5	3,4		●	●	●	-	-
MF 7	0,75	6,20	80	14	10	5,5	4,3		●	●	●	-	-
MF 8	0,50	7,50	80	19	12	6,0	4,9		●	●	●	-	-
MF 8	0,75	7,20	80	19	12	6,0	4,9		●	●	●	●	●
MF 8	1,00	7,00	90	22	12	6,0	4,9		●	●	●	●	●
MF 9	1,00	8,00	90	22	12	7,0	5,5		●	●	●	-	-
MF 10	0,75	9,20	90	20	14	7,0	5,5		●	●	●	-	-
MF 10	1,00	9,00	90	20	14	7,0	5,5		●	●	●	●	●
MF 10	1,25	8,80	100	24	14	7,0	5,5		●	●	●	●	●
MF 11	1,00	10,00	90	20	14	8,0	6,2		●	●	●	-	-
MF 12	1,00	11,00	100	22	16	9,0	7,0		●	●	●	●	●
MF 12	1,25	10,80	100	22	16	9,0	7,0		●	●	●	-	-
MF 12	1,50	10,50	100	22	16	9,0	7,0		●	●	●	●	●
MF 14	1,00	13,00	100	22	20	11,0	9,0		●	●	●	-	-
MF 14	1,25*	12,80	100	22	20	11,0	9,0		●	●	●	-	-
MF 14	1,50	12,50	100	22	20	11,0	9,0		●	●	●	●	●
MF 15	1,00	14,00	100	22	20	12,0	9,0		●	●	●	-	-
MF 15	1,50	13,50	100	22	20	12,0	9,0		●	●	●	-	-
MF 16	1,00	15,00	100	22	20	12,0	9,0		●	●	●	-	-
MF 16	1,50	14,50	100	22	20	12,0	9,0		●	●	●	●	●
MF 18	1,00	17,00	110	25	25	14,0	11,0		●	●	●	-	-
MF 18	1,50	16,50	110	25	25	14,0	11,0		●	●	●	●	●
MF 18	2,00	16,00	125	34	25	14,0	11,0		●	●	●	-	-
MF 20	1,00	19,00	125	25	25	16,0	12,0		●	●	●	-	-
MF 20	1,50	18,50	125	25	25	16,0	12,0		●	●	●	●	●
MF 20	2,00	18,00	140	34	25	16,0	12,0		●	●	●	-	-
MF 22	1,00	21,00	125	25	25	18,0	14,5		●	●	●	-	-

N: Impiego tradizionale
universal application

N 15°: normale a 15°
right hand helix

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



N 15°	N 15°	N Sx 40°	N 40°	VAP 40°	N 40°	N 40°	N 40°	Tipo / Type		
6 H	6 H+0,1	6 H	6 H	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	E/1-2	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1-2	Forma/Filetti d'imbocco Chamfer form / No. of threads		
								Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6664 TC	6904	6864	6652	6652 VP	6652 TN	6652 TC	6877	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	●	●	●	●	-	MF 3	0,35	2,65
-	-	-	●	●	●	●	-	MF 3,5	0,35	3,15
-	-	-	●	●	●	●	-	MF 4	0,50	3,50
-	-	-	●	●	●	●	-	MF 5	0,50	4,50
-	-	-	●	●	●	●	●	MF 6	0,50	5,50
-	-	-	●	●	●	●	●	MF 6	0,75	5,20
-	-	-	-	-	-	-	-	MF 7	0,75	6,20
-	-	-	-	-	-	-	-	MF 8	0,50	7,50
●	-	-	●	●	●	●	●	MF 8	0,75	7,20
●	-	●	●	●	●	●	●	MF 8	1,00	7,00
-	-	-	-	-	-	-	-	MF 9	1,00	8,00
-	-	-	-	-	-	-	-	MF 10	0,75	9,20
●	-	●	●	●	●	●	●	MF 10	1,00	9,00
●	-	-	●	●	●	●	●	MF 10	1,25	8,80
-	-	-	-	-	-	-	-	MF 11	1,00	10,00
●	-	●	●	●	●	●	●	MF 12	1,00	11,00
-	-	-	-	-	-	-	●	MF 12	1,25	10,80
●	-	●	●	●	●	●	●	MF 12	1,50	10,50
-	-	-	-	-	-	-	-	MF 14	1,00	13,00
-	-	-	-	-	-	-	-	MF 14	1,25*	12,80
●	-	●	●	●	●	●	●	MF 14	1,50	12,50
-	-	-	-	-	-	-	-	MF 15	1,00	14,00
-	-	-	-	-	-	-	-	MF 15	1,50	13,50
-	●	-	-	-	-	-	-	MF 16	1,00	15,00
●	-	●	●	●	●	●	●	MF 16	1,50	14,50
-	●	-	-	-	-	-	-	MF 18	1,00	17,00
●	-	●	●	●	●	●	●	MF 18	1,50	16,50
-	-	-	-	-	-	-	-	MF 18	2,00	16,00
-	●	-	-	-	-	-	-	MF 20	1,00	19,00
●	-	●	●	●	●	●	●	MF 20	1,50	18,50
-	-	-	-	-	-	-	-	MF 20	2,00	18,00
-	●	-	-	-	-	-	-	MF 22	1,00	21,00

N 15°: normale a 15°
right hand helix

N 40°: normale a 40°
right hand helix

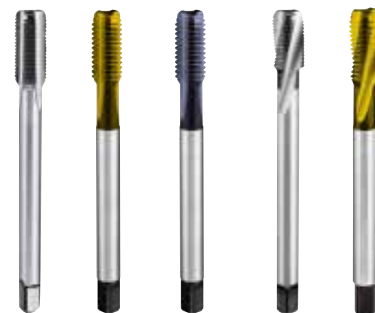
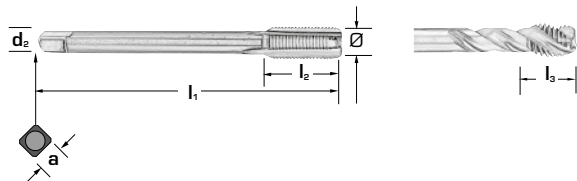
VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type									N	N	N	N 15°	N 15°
Tolleranza Tolerance									6 H	6 H	6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction													
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ MAX mm	l ₃ mm	d ₂ mm h9	a h12		6726	6726 TN	6726 TC	6664	6664 TN
MF 22	1,50	20,50	125	25	25	18,0	14,5		●	●	●	●	●
MF 22	2,00	20,00	140	34	25	18,0	14,5		●	●	●	-	-
MF 24	1,00	23,00	140	28	28	18,0	14,5		●	●	●	-	-
MF 24	1,50	22,50	140	28	28	18,0	14,5		●	●	●	●	●
MF 24	2,00	22,00	140	28	28	18,0	14,5		●	●	●	-	-
MF 26	1,50	24,50	140	28	28	18,0	14,5		●	●	●	●	●
MF 27	1,50	25,50	140	28	28	20,0	16,0		●	●	●	●	●
MF 27	2,00	25,00	140	28	28	20,0	16,0		●	●	●	●	●
MF 28	1,50	26,50	140	28	28	20,0	16,0		●	●	●	●	●
MF 30	1,00	29,00	150	28	28	22,0	18,0		●	●	●	-	-
MF 30	1,50	28,50	150	28	28	22,0	18,0		●	●	●	●	●
MF 30	2,00	28,00	150	28	28	22,0	18,0		●	●	●	●	●
MF 32	1,50	30,50	150	28	-	22,0	18,0		●	●	●	-	-
MF 33	1,50	31,50	160	30	-	25,0	20,0		●	●	●	-	-
MF 34	1,50	32,50	170	30	-	28,0	22,0		●	●	●	-	-
MF 35	1,50	33,50	170	30	-	28,0	22,0		●	●	●	-	-
MF 36	1,50	34,50	170	30	-	28,0	22,0		●	●	●	-	-
MF 38	1,50	36,50	170	30	-	28,0	22,0		●	●	●	-	-
MF 40	1,50	38,50	170	30	-	32,0	24,0		●	●	●	-	-
MF 42	1,50	40,50	170	30	-	32,0	24,0		●	●	●	-	-
MF 45	1,50	43,50	180	32	-	36,0	29,0		●	●	●	-	-
MF 48	1,50	46,50	190	32	-	36,0	29,0		●	●	●	-	-
MF 50	1,50	48,50	190	32	-	36,0	29,0		●	●	●	-	-
MF 52	1,50	50,50	190	32	-	40,0	32,0		●	●	●	-	-

N: Impiego tradizionale
universal application

N 15°: normale a 15°
right hand helix

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante
per Filettatura Metrica ISO Passo Fine DIN 13
Machine taps with reduced shank
for ISO metric fine thread as per DIN 13



N 15°	N 15°	N Sx 40°	N 40°	VAP 40°	N 40°	N 40°	N 40°	Tipo / Type		
6 H	6 H+0,1	6 H	6 H	6 H	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	E/1-2	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1-2	Forma/Filetti d'imbocco Chamfer form / No. of threads		
								Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6664 TC	6904	6864	6652	6652 VP	6652 TN	6652 TC	6877	Ø mm	Passo Pitch	Preforo Tap drill
●	-	-	●	●	●	●	-	MF 22	1,50	20,50
-	-	-	-	-	-	-	-	MF 22	2,00	20,00
-	●	-	-	-	-	-	-	MF 24	1,00	23,00
●	-	-	●	●	●	●	-	MF 24	1,50	22,50
●	-	-	-	-	-	-	-	MF 24	2,00	22,00
●	-	-	●	●	●	●	-	MF 26	1,50	24,50
●	-	-	●	●	●	●	-	MF 27	1,50	25,50
●	-	-	●	●	●	●	-	MF 27	2,00	25,00
●	-	-	●	●	●	●	-	MF 28	1,50	26,50
●	-	-	-	-	-	-	-	MF 30	1,00	29,00
-	-	-	●	●	●	●	-	MF 30	1,50	28,50
-	-	-	●	●	●	●	-	MF 30	2,00	28,00
-	-	-	-	-	-	-	-	MF 32	1,50	30,50
-	-	-	-	-	-	-	-	MF 33	1,50	31,50
-	-	-	-	-	-	-	-	MF 34	1,50	32,50
-	-	-	-	-	-	-	-	MF 35	1,50	33,50
-	-	-	-	-	-	-	-	MF 36	1,50	34,50
-	-	-	-	-	-	-	-	MF 38	1,50	36,50
-	-	-	-	-	-	-	-	MF 40	1,50	38,50
-	-	-	-	-	-	-	-	MF 42	1,50	40,50
-	-	-	-	-	-	-	-	MF 45	1,50	43,50
-	-	-	-	-	-	-	-	MF 48	1,50	46,50
-	-	-	-	-	-	-	-	MF 50	1,50	48,50
-	-	-	-	-	-	-	-	MF 52	1,50	50,50

N 15°: normale a 15°
right hand helix

N 40°: normale a 40°
right hand helix

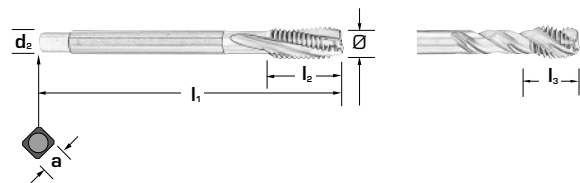
VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type									VA 15°	VA i 15°	VA i 15°	VA 35°	VAP 35°	VA 35°	VA 35°
Tolleranza Tolerance									6 HX	6 HX	6 HX	6 HX	6 HX	6 HX	6 GX
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction															
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6671	6626	6626 XP	6655	6655 VP	6655 XP	6655 6G
MF 3	0,35	2,65	56	9	5	2,2	-		-	-	-	-	-	-	-
MF 3,5	0,35	3,15	56	10	6	2,5	2,1		-	-	-	-	-	-	-
MF 4	0,50	3,50	63	10	7	2,8	2,1		-	-	-	-	-	-	-
MF 5	0,50	4,50	70	12	8	3,5	2,7		-	-	-	-	-	-	-
MF 6	0,50	5,50	80	14	10	4,5	3,4		-	-	-	-	-	-	-
MF 6	0,75	5,20	80	14	10	4,5	3,4		-	-	-	-	-	-	-
MF 7	0,75	6,20	80	14	10	5,5	4,3		-	-	-	-	-	-	-
MF 8	0,50	7,50	80	19	12	6,0	4,9		-	-	-	-	-	-	-
MF 8	0,75	7,20	80	19	12	6,0	4,9		-	-	-	-	-	-	-
MF 8	1,00	7,00	90	22	12	6,0	4,9		●	●	●	●	●	●	●
MF 9	1,00	8,00	90	22	12	7,0	5,5		-	-	-	-	-	-	-
MF 10	0,75	9,20	90	20	14	7,0	5,5		-	-	-	-	-	-	-
MF 10	1,00	9,00	90	20	14	7,0	5,5		●	●	●	●	●	●	●
MF 10	1,25	8,80	100	24	14	7,0	5,5		●	●	●	●	●	●	-
MF 11	1,00	10,00	90	20	14	8,0	6,2		-	-	-	-	-	-	-
MF 12	1,00	11,00	100	22	16	9,0	7,0		●	●	●	●	●	●	●
MF 12	1,25	10,80	100	22	16	9,0	7,0		-	●	●	-	-	-	-
MF 12	1,50	10,50	100	22	16	9,0	7,0		●	●	●	●	●	●	●
MF 14	1,00	13,00	100	22	20	11,0	9,0		-	-	-	-	-	-	-
MF 14	1,25*	12,80	100	22	20	11,0	9,0		-	-	-	-	-	-	-
MF 14	1,50	12,50	100	22	20	11,0	9,0		●	●	●	●	●	●	●
MF 15	1,00	14,00	100	22	20	12,0	9,0		-	-	-	-	-	-	-
MF 15	1,50	13,50	100	22	20	12,0	9,0		-	-	-	-	-	-	-
MF 16	1,00	15,00	100	22	20	12,0	9,0		-	-	-	-	-	-	-
MF 16	1,50	14,50	100	22	20	12,0	9,0		●	●	●	●	●	●	●
MF 18	1,00	17,00	110	25	25	14,0	11,0		-	-	-	-	-	-	-
MF 18	1,50	16,50	110	25	25	14,0	11,0		●	●	●	●	●	●	●

VA: Per acciaio inossidabile for stainless steel

VA i: Per acciaio inox con fori di lubrificazione for stainless steel, with internal cooling

VAP: vaporizzato vaporized

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank
for ISO metric fine thread as per DIN 13



GG	HD 15°	HD 15°	Alu 45°	Tipo / Type		
6 HX	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
				Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6653	6880	6880 HL	6731	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	MF 3	0,35	2,65
-	-	-	-	MF 3,5	0,35	3,15
-	-	-	-	MF 4	0,50	3,50
-	-	-	-	MF 5	0,50	4,50
-	-	-	-	MF 6	0,50	5,50
-	●	●	-	MF 6	0,75	5,20
-	-	-	-	MF 7	0,75	6,20
-	-	-	-	MF 8	0,50	7,50
-	●	●	-	MF 8	0,75	7,20
●	●	●	●	MF 8	1,00	7,00
●	-	-	-	MF 9	1,00	8,00
-	-	-	-	MF 10	0,75	9,20
●	●	●	●	MF 10	1,00	9,00
●	-	-	●	MF 10	1,25	8,80
-	-	-	-	MF 11	1,00	10,00
-	●	●	●	MF 12	1,00	11,00
-	-	-	-	MF 12	1,25	10,80
●	●	●	●	MF 12	1,50	10,50
-	-	-	-	MF 14	1,00	13,00
-	-	-	-	MF 14	1,25*	12,80
●	●	●	●	MF 14	1,50	12,50
-	-	-	-	MF 15	1,00	14,00
-	-	-	-	MF 15	1,50	13,50
-	-	-	-	MF 16	1,00	15,00
●	●	●	●	MF 16	1,50	14,50
-	-	-	-	MF 18	1,00	17,00
●	●	●	●	MF 18	1,50	16,50

HD : per materiali tenaci
for tough materials
GG: per ghisa
for cast iron

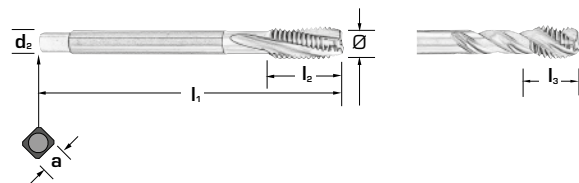
Alu: per alluminio
for Aluminium

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type									VA 15°	VA i 15°	VA i 15°	VA 35°	VAP 35°	VA 35°	VA 35°
Tolleranza Tolerance									6 HX	6 HX	6 HX	6 HX	6 HX	6 HX	6 GX
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction															
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6671	6626	6626 XP	6655	6655 VP	6655 XP	6655 6G
MF 20	1,50	18,50	125	25	25	16,0	12,0		●	●	●	●	●	●	●
MF 20	2,00	18,00	140	34	25	16,0	12,0		-	-	-	-	-	-	-
MF 22	1,00	21,00	125	25	25	18,0	14,5		-	-	-	-	-	-	-
MF 22	1,50	20,50	125	25	25	18,0	14,5		●	-	-	●	●	●	-
MF 22	2,00	20,00	140	34	25	18,0	14,5		-	-	-	-	-	-	-
MF 24	1,00	23,00	140	28	28	18,0	14,5		-	-	-	-	-	-	-
MF 24	1,50	22,50	140	28	28	18,0	14,5		●	-	-	●	●	●	●
MF 24	2,00	22,00	140	28	28	18,0	14,5		-	-	-	-	-	-	-
MF 26	1,50	24,50	140	28	28	18,0	14,5		●	-	-	●	●	●	-
MF 27	1,50	25,50	140	28	28	20,0	16,0		●	-	-	●	●	●	-
MF 27	2,00	25,00	140	28	28	20,0	16,0		●	-	-	●	●	●	-
MF 28	1,50	26,50	140	28	28	20,0	16,0		●	-	-	●	●	●	-
MF 30	1,00	29,00	150	28	28	22,0	18,0		-	-	-	-	-	-	-
MF 30	1,50	28,50	150	28	28	22,0	18,0		●	-	-	●	●	●	-
MF 30	2,00	28,00	150	28	28	22,0	18,0		●	-	-	●	●	●	-

VA: Per acciaio inossidabile
for stainless steel

VA i: Per acciaio inox con fori di lubrificazione
for stainless steel, with internal cooling

VAP: vaporizzato
vaporized

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



GG	HD 15°	HD 15°	Alu 45°	Tipo / Type		
6 HX	6 H	6 H	6 H	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
				Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6653	6880	6880 HL	6731	Ø mm	Passo Pitch	Preforo Tap drill
●	●	●	●	MF 20	1,50	18,50
-	-	-	-	MF 20	2,00	18,00
-	-	-	-	MF 22	1,00	21,00
●	●	●	-	MF 22	1,50	20,50
-	-	-	-	MF 22	2,00	20,00
-	-	-	-	MF 24	1,00	23,00
●	●	●	-	MF 24	1,50	22,50
-	-	-	-	MF 24	2,00	22,00
-	-	-	-	MF 26	1,50	24,50
-	-	-	-	MF 27	1,50	25,50
-	-	-	-	MF 27	2,00	25,00
-	-	-	-	MF 28	1,50	26,50
-	-	-	-	MF 30	1,00	29,00
●	-	-	-	MF 30	1,50	28,50
-	-	-	-	MF 30	2,00	28,00
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			
-	-	-	-			

HD : per materiali tenaci
for tough materials
GG: per ghisa
for cast iron

Alu: per alluminio
for Aluminium

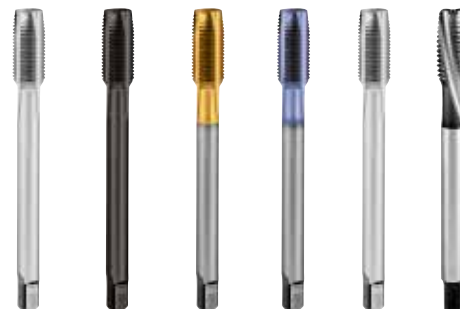
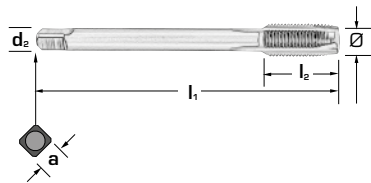
MULTI HD: Ad alta prestazione per materiali tenaci
High performance taps for tough materials

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type								Rapid	Rapid VAP	Rapid	Rapid	N Sx	NL 15°
Tolleranza Tolerance								6 H	6 H	6 H	6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction													
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6730	6730 VP	6730 TN	6730 TC	6863	6741
MF 3	0,35	2,65	56	9	2,2	-		●	●	●	●	-	-
MF 3,5	0,35	3,15	56	10	2,5	2,1		●	●	●	●	-	-
MF 4	0,50	3,50	63	10	2,8	2,1		●	●	●	●	-	-
MF 5	0,50	4,50	70	12	3,5	2,7		●	●	●	●	-	-
MF 6	0,50	5,50	80	14	4,5	3,4		●	●	●	●	-	-
MF 6	0,75	5,20	80	14	4,5	3,4		●	●	●	●	-	-
MF 7	0,75	6,20	80	14	5,5	4,3		●	●	●	●	-	-
MF 8	0,50	7,50	80	19	6,0	4,9		●	●	●	●	-	-
MF 8	0,75	7,20	80	19	6,0	4,9		●	●	●	●	-	●
MF 8	1,00	7,00	90	22	6,0	4,9		●	●	●	●	●	●
MF 9	1,00	8,00	90	22	7,0	5,5		●	●	●	●	-	-
MF 10	0,75	9,20	90	20	7,0	5,5		●	●	●	●	-	-
MF 10	1,00	9,00	90	20	7,0	5,5		●	●	●	●	●	●
MF 10	1,25	8,80	100	24	7,0	5,5		●	●	●	●	-	-
MF 11	1,00	10,00	90	20	8,0	6,2		●	●	●	●	-	-
MF 12	1,00	11,00	100	22	9,0	7,0		●	●	●	●	●	●
MF 12	1,25	10,80	100	22	9,0	7,0		●	●	●	●	-	-
MF 12	1,50	10,50	100	22	9,0	7,0		●	●	●	●	●	●
MF 14	1,00	13,00	100	22	11,0	9,0		●	●	●	●	-	-
MF 14	1,25*	12,80	100	22	11,0	9,0		●	●	●	●	-	-
MF 14	1,50	12,50	100	22	11,0	9,0		●	●	●	●	●	●
MF 15	1,00	14,00	100	22	12,0	9,0		●	●	●	●	-	-
MF 15	1,50	13,50	100	22	12,0	9,0		●	●	●	●	-	-
MF 16	1,00	15,00	100	22	12,0	9,0		●	●	●	●	-	-
MF 16	1,50	14,50	100	22	12,0	9,0		●	●	●	●	●	●
MF 18	1,00	16,50	110	25	14,0	11,0		●	●	●	●	-	-
MF 18	1,50	16,50	110	25	14,0	11,0		●	●	●	●	●	●
MF 18	2,00	16,00	125	34	14,0	11,0		●	●	●	●	-	-

Rapid: Impiego tradizionale
universal application

VAP: vaporizzato
vaporized

NL15°: elica sinistra a 15°
left hand helix

N: Impiego tradizionale
universal application

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13

NEW



VA	VAP	VA	VA	VA	HD	HD	Tipo / Type		
6 HX	6 HX	6 GX	6 HX	6 HX	6 H	6 H	Tolleranza Tolerance		
B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6663	6663 VP	6663 6G	6663 TN	6663 XP	6872	6872 TN	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	-	-	MF 3	0,35	2,65
-	-	-	-	-	-	-	MF 3,5	0,35	3,15
-	-	-	-	-	-	-	MF 4	0,50	3,50
-	-	-	-	-	-	-	MF 5	0,50	4,50
-	-	-	-	-	-	-	MF 6	0,50	5,50
-	-	-	-	-	●	●	MF 6	0,75	5,20
-	-	-	-	-	-	-	MF 7	0,75	6,20
-	-	-	-	-	-	-	MF 8	0,50	7,50
-	-	-	-	-	●	●	MF 8	0,75	7,20
●	●	●	●	●	●	●	MF 8	1,00	7,00
-	-	-	-	-	-	-	MF 9	1,00	8,00
-	-	-	-	-	-	-	MF 10	0,75	9,20
●	●	●	●	●	●	●	MF 10	1,00	9,00
●	●	-	●	●	-	-	MF 10	1,25	8,80
-	-	-	-	-	-	-	MF 11	1,00	10,00
●	●	●	●	●	●	●	MF 12	1,00	11,00
-	-	-	-	-	-	-	MF 12	1,25	10,80
●	●	●	●	●	●	●	MF 12	1,50	10,50
-	-	-	-	-	-	-	MF 14	1,00	13,00
-	-	-	-	-	-	-	MF 14	1,25*	12,80
●	●	●	●	●	●	●	MF 14	1,50	12,50
-	-	-	-	-	-	-	MF 15	1,00	14,00
-	-	-	-	-	-	-	MF 15	1,50	13,50
-	-	-	-	-	-	-	MF 16	1,00	15,00
●	●	●	●	●	●	●	MF 16	1,50	14,50
-	-	-	-	-	-	-	MF 18	1,00	16,50
●	●	●	●	●	●	●	MF 18	1,50	16,50
-	-	-	-	-	-	-	MF 18	2,00	16,00

VA: Per acciaio inossidabile
for stainless steel

HD: per materiali tenaci
for tough materials

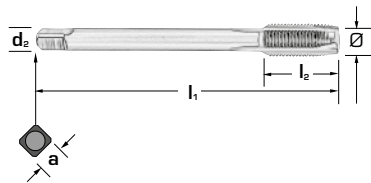
VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank for ISO metric fine thread as per DIN 13



Tipo / Type								Rapid	Rapid VAP	Rapid	Rapid	N Sx	NL 15°
Tolleranza Tolerance								6 H	6 H	6 H	6 H	6 H	6 H
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction													
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6730	6730 VP	6730 TN	6730 TC	6863	6741
MF 20	1,00	19,00	125	25	16,0	12,0		●	●	●	●	-	-
MF 20	1,50	18,50	125	25	16,0	12,0		●	●	●	●	●	●
MF 20	2,00	18,00	140	34	16,0	12,0		●	●	●	●	-	-
MF 22	1,00	21,00	125	25	18,0	14,5		●	●	●	●	-	-
MF 22	1,50	20,50	125	25	18,0	14,5		●	●	●	●	-	-
MF 22	2,00	20,00	140	34	18,0	14,5		●	●	●	●	-	-
MF 24	1,00	23,00	140	28	18,0	14,5		●	●	●	●	-	-
MF 24	1,50	22,50	140	28	18,0	14,5		●	●	●	●	-	-
MF 24	2,00	22,00	140	28	18,0	14,5		●	●	●	●	-	-
MF 26	1,50	24,50	140	28	18,0	14,5		●	●	●	●	-	-
MF 27	1,50	25,50	140	28	20,0	16,0		●	●	●	●	-	-
MF 27	2,00	25,00	140	28	20,0	16,0		●	●	●	●	-	-
MF 28	1,50	26,50	140	28	20,0	16,0		●	●	●	●	-	-
MF 30	1,00	29,00	150	28	22,0	18,0		●	●	●	●	-	-
MF 30	1,50	28,50	150	28	22,0	18,0		●	●	●	●	-	-
MF 30	2,00	28,00	150	28	22,0	18,0		●	●	●	●	-	-
MF 32	1,50	30,50	150	28	22,0	18,0		●	●	●	●	-	-
MF 33	1,50	31,50	160	30	25,0	20,0		●	●	●	●	-	-
MF 34	1,50	32,50	170	30	28,0	22,0		●	●	●	●	-	-
MF 35	1,50	33,50	170	30	28,0	22,0		●	●	●	●	-	-
MF 36	1,50	34,50	170	30	28,0	22,0		●	●	●	●	-	-
MF 38	1,50	36,50	170	30	28,0	22,0		●	●	●	●	-	-
MF 40	1,50	38,50	170	30	32,0	24,0		●	●	●	●	-	-
MF 42	1,50	40,50	170	30	32,0	24,0		●	●	●	●	-	-
MF 45	1,50	43,50	180	32	36,0	29,0		●	●	●	●	-	-
MF 48	1,50	46,50	190	32	36,0	29,0		●	●	●	●	-	-
MF 50	1,50	48,50	190	32	36,0	29,0		●	●	●	●	-	-
MF 52	1,50	50,50	190	32	40,0	32,0		●	●	●	●	-	-

Rapid: Impiego tradizionale
universal application

VAP: vaporizzato
vaporized

NL15°: elica sinistra a 15°
left hand helix

N: Impiego tradizionale
universal application

* Misura non in standard ISO / These sizes are not ISO standard.

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Machine taps with reduced shank
for ISO metric fine thread as per DIN 13



VA	VAP	VA	VA	VA	HD	HD	Tipo / Type		
6 HX	6 HX	6 GX	6 HX	6 HX	6 H	6 H	Tolleranza Tolerance		
B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
							Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6663	6663 VP	6663 6G	6663 TN	6663 XP	6872	6872 TN	Ø mm	Passo Pitch	Preforo Tap drill
-	-	-	-	-	-	-	MF 20	1,00	19,00
●	●	●	●	●	●	●	MF 20	1,50	18,50
●	●	-	●	-	-	-	MF 20	2,00	18,00
-	-	-	-	-	-	-	MF 22	1,00	21,00
●	●	-	●	-	●	●	MF 22	1,50	20,50
●	●	-	●	-	-	-	MF 22	2,00	20,00
-	-	-	-	-	-	-	MF 24	1,00	23,00
●	●	●	●	●	●	●	MF 24	1,50	22,50
●	●	-	●	-	-	-	MF 24	2,00	22,00
●	●	-	●	-	-	-	MF 26	1,50	24,50
●	●	-	●	-	-	-	MF 27	1,50	25,50
●	●	-	●	-	-	-	MF 27	2,00	25,00
-	-	-	-	-	-	-	MF 28	1,50	26,50
-	-	-	-	-	-	-	MF 30	1,00	29,00
●	●	-	●	-	-	-	MF 30	1,50	28,50
●	●	-	●	-	-	-	MF 30	2,00	28,00
-	-	-	-	-	-	-	MF 32	1,50	30,50
-	-	-	-	-	-	-	MF 33	1,50	31,50
-	-	-	-	-	-	-	MF 34	1,50	32,50
-	-	-	-	-	-	-	MF 35	1,50	33,50
-	-	-	-	-	-	-	MF 36	1,50	34,50
-	-	-	-	-	-	-	MF 38	1,50	36,50
-	-	-	-	-	-	-	MF 40	1,50	38,50
-	-	-	-	-	-	-	MF 42	1,50	40,50
-	-	-	-	-	-	-	MF 45	1,50	43,50
-	-	-	-	-	-	-	MF 48	1,50	46,50
-	-	-	-	-	-	-	MF 50	1,50	48,50
-	-	-	-	-	-	-	MF 52	1,50	50,50

VA: Per acciaio inossidabile
for stainless steel

HD: per materiali tenaci
for tough materials

VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock

DIN 374

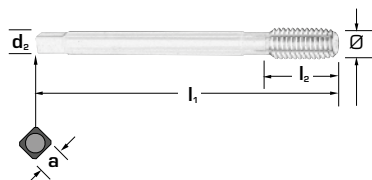


Maschi a macchina a rullare con gambo passante per Filettatura Metrica ISO Passo Fine DIN 13

Cold forming taps with reduced shank for ISO metric fine thread as per DIN 13

Ref. **6721** senza canalini / without coolant grooves

Ref. **6720** con canalini di lubrificazione / with coolant grooves



								Former	Former	Former-S	Former-S
Tipo / Type								6 HX	6 GX	6 HX	6 GX
Tolleranza / Tolerance											
Forma/Filetti d'imbocco / Chamfer form / No. of threads								C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio / Cutting direction											
Materiale / Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Passo / Pitch	Preforo / Tap drill	l ₁ mm	l ₂ mm	d ₂ mm / h9	a / h12	6721	6721 6G	6720	6720 6G	
M 8	1,00	7,50	90	22	6	4,9	●	●	●	●	
M 10	1,00	9,50	90	20	7	5,5	●	●	●	●	
M 10	1,25	9,40	100	24	7	5,5	●	●	●	●	
M 12	1,00	11,50	100	22	9	7,0	●	●	●	●	
M 12	1,50	11,30	100	22	9	7,0	●	●	●	●	
M 14	1,50	13,30	100	22	11	9,0	●	●	●	●	
M 16	1,00	15,50	100	22	12	9,0	●	●	●	●	
M 16	1,50	15,30	100	22	12	9,0	●	●	●	●	

Former S: rullare con canalini / with coolant grooves **Former :** rullare senza canalini / without coolant grooves

● Utensile disponibile a magazzino / Items available ex stock

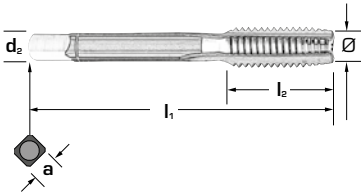
ILIX NORM - UNC



**Maschi a mano in serie di 3 pezzi
composta da sbobizzatore intermedio e finitore
per Filettatura UNC Passo Grosso in generale
dimensioni come DIN 352**

Hand taps, serial, in set of 3 pieces
for unified coarse thread UNC
dimensions generally as per DIN 352

UNC



								N	N	N
								2 B	2 B	2 B
								A/5-6	D/3-4	C/2,5-3
								HSS	HSS	HSS
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9*	a h12	6775 P	6775 S	6775 T	
								pezzo single tap	serie set	
UNC nr.	1 - 64	1,55	36	8	2,8	2,1	●	●	●	
UNC nr.	2 - 56	1,85	36	9	2,8	2,1	●	●	●	
UNC nr.	3 - 48	2,10	40	9	2,8	2,1	●	●	●	
UNC nr.	4 - 40	2,35	40	11	3,5	2,7	●	●	●	
UNC nr.	5 - 40	2,65	40	11	3,5	2,7	●	●	●	
UNC nr.	6 - 32	2,85	45	13	4,0	3,0	●	●	●	
UNC nr.	8 - 32	3,50	45	13	4,5	3,4	●	●	●	
UNC nr.	10 - 24	3,90	50	16	6,0	4,9	●	●	●	
UNC nr.	12 - 24	4,50	50	17	6,0	4,9	●	●	●	
UNC	1/4 - 20	5,10	50	19	6,0	4,9	●	●	●	
UNC	5/16 - 18	6,60	56	22	6,0	4,9	●	●	●	
UNC	3/8 - 16	8,00	63	22	7,0	5,5	●	●	●	
UNC	7/16 - 14	9,40	70	24	8,0	6,2	●	●	●	
UNC	1/2 - 13	10,80	75	29	9,0	7,0	●	●	●	
UNC	9/16 - 12	12,20	80	30	11,0	9,0	●	●	●	
UNC	5/8 - 11	13,50	80	32	12,0	9,0	●	●	●	
UNC	3/4 - 10	16,50	95	40	14,0	11,0	●	●	●	
UNC	7/8 - 9	19,50	100	40	18,0	14,5	●	●	●	
UNC	1 - 8	22,25	110	50	18,0	14,5	●	●	●	
UNC	1/8 - 7	25,00	125	56	22,0	18,0	●	●	●	
UNC	1/4 - 7	28,00	125	56	22,0	18,0	●	●	●	
UNC	3/8 - 6	30,75	150	63	28,0	22,0	●	●	●	
UNC	1/2 - 6	34,00	150	63	32,0	24,0	●	●	●	
UNC	3/4 - 5	39,50	160	70	36,0	29,0	●	●	●	
UNC nr.	2 - 4 1/2	45,00	180	75	40,0	32,0	●	●	●	

N: Impiego tradizionale
universal application

** La tolleranza del gambo per il 1° e 2° maschio è h 12 / Shank tolerance of 1st and 2nd tap h 12

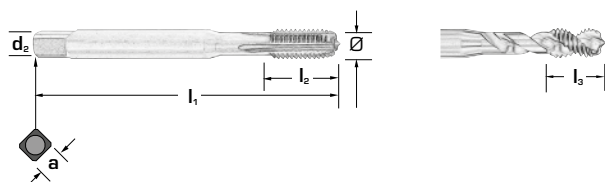
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



Maschi a macchina con gambo rinforzato per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 371



										N	N 15°	N 40°	N 40°	N 40°
Tipo / Type														
Tolleranza Tolerance										2 B	2 B	2 B	3 B	2 B
Forma/Filetti d'imbocco Chamfer form / No. of threads										C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction														
Materiale/Material										HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h ₉	a h ₁₂							
								6823	6696	6691	6691 3B	6691 TN		
UNC	nr.	2 - 56	1,85	45	9	4	2,8	2,1	-	-	●	●	●	
UNC	nr.	3 - 48	2,10	50	9	4	2,8	2,1	●	●	●	●	●	
UNC	nr.	4 - 40	2,35	56	11	5	3,5	2,7	●	●	●	●	●	
UNC	nr.	5 - 40	2,65	56	11	5	3,5	2,7	●	●	●	●	●	
UNC	nr.	6 - 32	2,85	56	13	6	4,0	3,0	●	●	●	●	●	
UNC	nr.	8 - 32	3,50	63	13	7	4,5	3,4	●	●	●	●	●	
UNC	nr.	10 - 24	3,90	70	16	8	6,0	4,9	●	●	●	●	●	
UNC	nr.	12 - 24	4,50	80	17	10	6,0	4,9	●	●	●	●	●	
UNC		1/4 - 20	5,10	80	17	10	7,0	5,5	●	●	●	●	●	
UNC		5/16 - 18	6,60	90	20	12	8,0	6,2	●	●	●	●	●	
UNC		3/8 - 16	8,00	90	20	12	10,0	8,0	●	●	●	●	●	
Per misure con gambo passante superiori a M 3/8 vedi N. cod. / above M 3/8 refer to Cat.-No.										6824	6728	66942B	66943B	-

N 15°/40°: normale a 15°/40°
15°/40° right hand helix

N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



Maschi a macchina con gambo rinforzato per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 371



VA 35°	VAP 35°	VA 35°	VRP 50°	Alu 45°	HD 15°	Tipo / Type		
2 BX	2 BX	2 BX	2 BX	2 B	2 B	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
						Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6735	6735 VP	6735 XP	6852 VP	6732	6865	Ø mm	Filetti/1" Tpi	Preforo Tap drill
-	-	-	-	-	-	UNC nr.	2 - 56	1,85
-	-	-	-	-	●	UNC nr.	3 - 48	2,10
-	-	-	-	●	●	UNC nr.	4 - 40	2,35
-	-	-	-	●	●	UNC nr.	5 - 40	2,65
●	●	●	●	●	●	UNC nr.	6 - 32	2,85
●	●	●	●	●	●	UNC nr.	8 - 32	3,50
●	●	●	●	●	●	UNC nr.	10 - 24	3,90
●	●	●	●	●	●	UNC nr.	12 - 24	4,50
●	●	●	●	●	●	UNC	1/4 - 20	5,10
●	●	●	●	●	●	UNC	5/16 - 18	6,60
●	●	●	●	●	●	UNC	3/8 - 16	8,00
6754	6754VP	-	6853VP	6733	6866			

VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato
vaporized

VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

Alu: per alluminio
for Aluminium

HD: per materiali tenaci
for tough materials

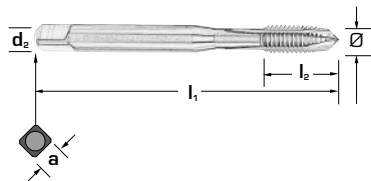
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



Maschi a macchina con gambo rinforzato per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 371



								HD	Rapid	Rapid	Rapid	Ultra
Tolleranza / Tolerance								2 B	2 B	3 B	2 B	2 B
Forma/Filetti d'imbocco / Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
Direzione di taglio / Cutting direction												
Materiale / Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6873	6690	6690 3B	6690 TN	6737
UNC nr.	1 - 64	1,55	45	8	2,8	2,1		-	●	-	●	●
UNC nr.	2 - 56	1,85	45	9	2,8	2,1		●	●	-	●	●
UNC nr.	3 - 48	2,10	50	9	2,8	2,1		●	●	-	●	●
UNC nr.	4 - 40	2,35	56	11	3,5	2,7		●	●	●	●	●
UNC nr.	5 - 40	2,65	56	11	3,5	2,7		●	●	-	●	●
UNC nr.	6 - 32	2,85	56	13	4,0	3,0		●	●	●	●	●
UNC nr.	8 - 32	3,50	63	13	4,5	3,4		●	●	●	●	●
UNC nr.	10 - 24	3,90	70	16	6,0	4,9		●	●	●	●	●
UNC nr.	12 - 24	4,50	80	17	6,0	4,9		●	●	-	●	●
UNC	1/4 - 20	5,10	80	17	7,0	5,5		●	●	●	●	●
UNC	5/16 - 18	6,60	90	20	8,0	6,2		●	●	-	●	●
UNC	3/8 - 16	8,00	90	20	10,0	8,0		●	●	●	●	●
Per misure con gambo passante superiori a M 3/8 vedi N. cod. / above M 3/8 refer to Cat.-No.								6874	66932B	66933B	-	-

HD: per materiali tenaci / for tough materials

Rapid: Impiego tradizionale / universal application

Ultra: per lamiera / for sheet metals

● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



Maschi a macchina con gambo rinforzato per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 371



VA	VA VAP	VA	Tipo / Type		
2 BX	2 BX	2 BX	Tolleranza Tolerance		
B/4-5	B/4-5	B/4-5	Forma/Filetti d'imbocco Chamfer form / No. of threads		
			Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6739	6739 VP	6739 XP	Ø mm	Filetti/1" Tpi	Preforo Tap drill
-	-	-	UNC nr.	1 - 64	1,55
●	●	●	UNC nr.	2 - 56	1,85
●	●	●	UNC nr.	3 - 48	2,10
●	●	●	UNC nr.	4 - 40	2,35
●	●	●	UNC nr.	5 - 40	2,65
●	●	●	UNC nr.	6 - 32	2,85
●	●	●	UNC nr.	8 - 32	3,50
●	●	●	UNC nr.	10 - 24	3,90
●	●	●	UNC nr.	12 - 24	4,50
●	●	●	UNC	1/4 - 20	5,10
●	●	●	UNC	5/16 - 18	6,60
●	●	●	UNC	3/8 - 16	8,00
6749	6749VP	-			

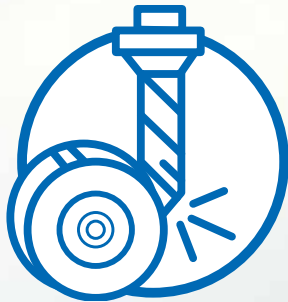
VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



Angelo Ghezzi & C SpA

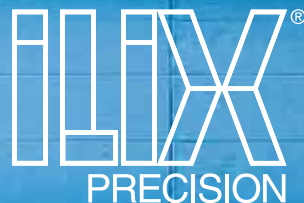


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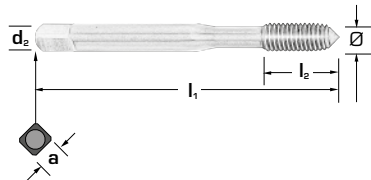
DIN 2184/1 - UNC



Maschi a macchina a rullare con gambo rinforzato per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni similare doppio al DIN 371

Cold forming taps with reinforced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 371

Ref. **6738** senza canalini / without coolant grooves
 Ref. **6802** con canalini di lubrificazione / with coolant grooves



								Former	Former S
Tipo / Type									
Tolleranza / Tolerance								2 BX	2 BX
Forma/Filetti d'imbocco / Chamfer form / No. of threads								C/2,5-3	C/2,5-3
Direzione di taglio / Cutting direction									
Materiale / Material								HSS-Co	HSS-Co
Ø mm	Filetti/1" / Tpi	Preforo / Tap drill	l ₁ mm	l ₂ mm	d ₂ mm / h9	a / h12	6738	6802	
UNC nr.	2 - 56	1,95	45	9	2,8	2,1	●	-	
UNC nr.	3 - 48	2,30	50	9	2,8	2,1	●	-	
UNC nr.	4 - 40	2,55	56	11	3,5	2,7	●	-	
UNC nr.	5 - 40	2,85	56	11	3,5	2,7	●	●	
UNC nr.	6 - 32	3,10	63	13	4,0	3,0	●	●	
UNC nr.	8 - 32	3,80	70	13	4,5	3,4	●	●	
UNC nr.	10 - 24	4,30	70	16	6,0	4,9	●	●	
UNC nr.	12 - 24	5,00	80	19	6,0	4,9	●	●	
UNC	1/4 - 20	5,75	80	19	7,0	5,5	●	●	
UNC	5/16 - 18	7,25	90	22	8,0	6,2	●	●	
UNC	3/8 - 16	8,70	90	22	10,0	8,0	●	●	
Per misure con gambo passante superiori a M 3/8 vedi N. cod. / above M 3/8 refer to Cat.-No.								-	6811

Former S: rullare con canalini / with coolant grooves **Former :** rullare senza canalini / without coolant grooves

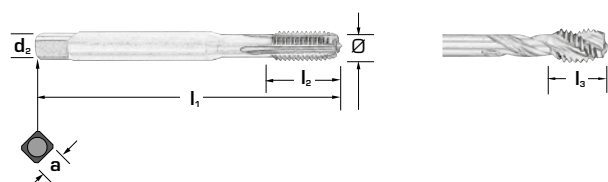
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



**Maschi a macchina con gambo passante
per Filettatura UNC Passo Grosso ASME - B 1.1
in generale dimensioni come DIN 376**

Machine taps with reduced shank
for unified coarse thread UNC - ASME - B 1.1
dimensions generally as per DIN 376



										N	N 15°	N 40°	N 40°
Tipo / Type										2 B	2 B	2 B	3 B
Tolleranza Tolerance										C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Forma/Filetti d'imbocco Chamfer form / No. of threads													
Direzione di taglio Cutting direction										HSS-Co	HSS-Co	HSS-Co	HSS-Co
Materiale/Material										6824	6728	6694	6694 3B
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12						
UNC	7/16 - 14	9,40	100	14	24	8	6,2	●	●	●	●		
UNC	1/2 - 13	10,80	110	16	29	9	7,0	●	●	●	●		
UNC	9/16 - 12	12,20	110	20	30	11	9,0	-	-	●	●		
UNC	5/8 - 11	13,50	110	20	32	12	9,0	●	●	●	●		
UNC	3/4 - 10	16,50	125	25	34	14	11,0	●	●	●	●		
UNC	7/8 - 9	19,50	140	25	34	18	14,5	●	●	●	●		
UNC	1 - 8	22,25	160	30	38	18	14,5	●	●	●	●		

N 15°/40°: normale a 15°/40°
15°/40°right hand helix

N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 376

Machine taps with reduced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 376



VA 35°	VAP 35°	VRP 50°	HD 15°	Alu 45°			
2 BX	2 BX	2 BX	2 B	2 B	Tipo / Type		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Tolleranza Tolerance		
					Forma/Filetti d'imbocco Chamfer form / No. of threads		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction		
6754	6754 VP	6853 VP	6866	6733	Materiale/Material		
					∅ mm	Filetti/1" Tpi	Preforo Tap drill
-	-	-	●	-	UNC	7/16 - 14	1,55
●	●	●	●	●	UNC	1/2 - 13	1,85
-	-	-	-	-	UNC	9/16 - 12	2,10
●	●	●	●	-	UNC	5/8 - 11	2,35
●	●	●	●	-	UNC	3/4 - 10	2,65
-	-	-	●	-	UNC	7/8 - 9	2,85
●	●	●	●	-	UNC	1 - 8	3,50
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			

VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato
vaporized

VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

Alu: per alluminio
for Aluminium

HD: per materiali tenaci
for tough materials

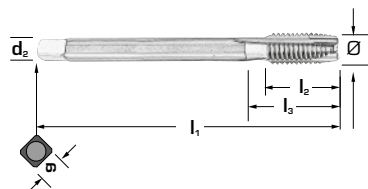
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNC



Maschi a macchina con gambo passante per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni come DIN 376

Machine taps with reduced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 376



										HD	Rapid	Rapid	VA	VA
										2 B	2 B	3 B	2 BX	2 BX
										B 4/5	B 4/5	B 4/5	B 4/5	B 4/5
										HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12							
								6874	6693	6693 3B	6749	6749 VP		
UNC	7/16 - 14	9,40	100	14	24	8	6,2	●	●	●	-	-		
UNC	1/2 - 13	10,80	110	16	29	9	7,0	●	●	●	●	●		
UNC	9/16 - 12	12,20	110	20	30	11	9,0	●	●	●	-	-		
UNC	5/8 - 11	13,50	110	20	32	12	9,0	●	●	●	●	●		
UNC	3/4 - 10	16,50	125	25	34	14	11,0	●	●	●	●	●		
UNC	7/8 - 9	19,50	140	25	34	18	14,5	●	●	●	●	●		
UNC	1 - 8	22,25	160	30	38	18	14,5	●	●	●	●	●		
UNC	1 1/8 - 7	25,00	180	-	45	22	18,0	-	●	●	-	-		
UNC	1 1/4 - 7	28,00	180	-	50	22	18,0	-	●	●	-	-		
UNC	1 3/8 - 6	30,75	200	-	56	28	22,0	-	●	●	-	-		
UNC	1 1/2 - 6	34,00	200	-	60	32	24,0	-	●	●	-	-		
UNC	1 3/4 - 5	39,50	220	-	65	36	29,0	-	●	●	-	-		
UNC	2 - 4 1/2	45,00	250	-	70	40	32,0	-	●	●	-	-		

Rapid: Impiego tradizionale universal application
VA: Per acciaio inossidabile for stainless steel

HD: per materiali tenaci for tough materials

● Utensile disponibile a magazzino / Items available ex stock

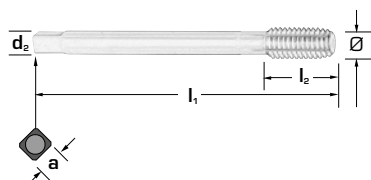
DIN 2184/1 - UNC



Maschi a macchina a rullare con gambo passante per Filettatura UNC Passo Grosso ASME - B 1.1 in generale dimensioni similare doppio al DIN 376

Cold forming taps with reduced shank for unified coarse thread UNC - ASME - B 1.1 dimensions generally as per DIN 376

con canalini di lubrificazione / with coolant grooves



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

Former S

2 BX

C/2,5-3



HSS-Co

6811

Ø mm	Filetti/1"	Preforo	l ₁	l ₂	d ₂ mm	a	
	Tpi	Tap drill	mm	mm	h9	h12	
UNC 7/16	- 14	10,2	100	22	8	6,2	●
UNC 1/2	- 13	11,7	110	25	9	7,0	●

Former S: rullare con canalini
with coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



Angelo Ghezzi & C SpA



The screenshot shows the website's layout with a top navigation bar, a main content area with product and sales information, and a footer with copyright and navigation links.

Angelo Ghezzi & C SpA

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CERCA (brand/codice articolo)

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Angelo Ghezzi Spa propone la più ampia gamma di utensili di precisione selezionati tra i principali produttori mondiali.

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Sales Leader

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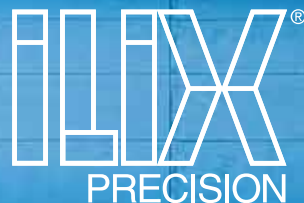
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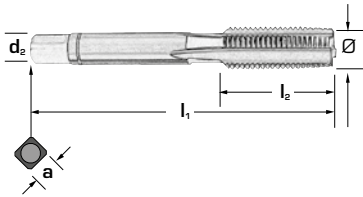
DIN 2184/1 - UNF



Maschi a mano in serie di 2 pezzi composta da sbobatore e finitore per Filettatura UNF Passo Fine ASME - B 1.1 in generale dimensioni similare doppio al DIN 2181

Hand taps, serial, in sets of 2 pieces for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 2181

UNF



								N	N
								2 B	2 B
								A/5-6	C/2,5-3
								HSS	HSS
Ø mm	Filetti/1"	Preforo	l ₁	l ₂	d ₂ mm	a		6776 P	6776 T
	Tpi	Tap drill	mm	mm	h9*	h12			
UNF nr. 1	-	72	1,55	45	8	-	2,1	●	●
UNF nr. 2	-	72	1,90	45	9	-	2,1	●	●
UNF nr. 3	-	56	2,15	40	9	2,8	2,1	●	●
UNF nr. 4	-	48	2,40	40	11	3,5	2,7	●	●
UNF nr. 5	-	44	2,70	40	11	3,5	2,7	●	●
UNF nr. 6	-	40	2,95	45	13	4,0	3,0	●	●
UNF nr. 8	-	36	3,50	45	13	4,5	3,4	●	●
UNF nr. 10	-	32	4,10	50	12	6,0	4,9	●	●
UNF nr. 12	-	28	4,70	50	17	6,0	4,9	●	●
UNF 1/4	-	28	5,50	50	14	6,0	4,9	●	●
UNF 5/16	-	24	6,90	56	22	6,0	4,9	●	●
UNF 3/8	-	24	8,50	63	22	7,0	5,5	●	●
UNF 7/16	-	20	9,90	63	20	8,0	6,2	●	●
UNF 1/2	-	20	11,50	70	22	9,0	7,0	●	●
UNF 9/16	-	18	12,90	70	22	11,0	9,0	●	●
UNF 5/8	-	18	14,50	70	22	12,0	9,0	●	●
UNF 3/4	-	16	17,50	80	22	14,0	11,0	●	●
UNF 7/8	-	14	20,40	80	22	18,0	14,5	●	●
UNF 1	-	12	23,25	90	22	18,0	14,5	●	●
UNF 1 1/8	-	12	26,50	90	22	22,0	18,0	●	●
UNF 1 1/4	-	12	29,50	90	22	22,0	18,0	●	●
UNF 1 3/8	-	12	32,75	125	40	28,0	22,0	●	●
UNF 1 1/2	-	12	36,00	125	40	32,0	24,0	●	●

N: Impiego tradizionale
universal application

* La tolleranza del 1° maschio è h 12 / shank tolerance of 1st Tap: h12

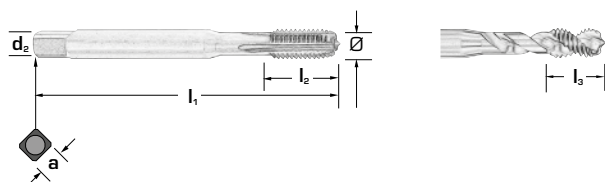
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified fine thread UNF – ASME – B 1.1 dimensions generally as per DIN 371



										N	N 15°	N 40°	N 40°	N 40°
Tipo / Type														
Tolleranza Tolerance										2 B	2 B	2 B	3 B	2 B
Forma/Filetti d'imbocco Chamfer form / No. of threads										C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction														
Materiale/Material										HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12			6838	6719	6680	6680 3B	6680 TN
UNF nr. 1	- 72	1,55	45	8	-	2,8	2,1			●	-	-	-	-
UNF nr. 2	- 64	1,90	45	9	-	2,8	2,1			●	-	-	-	-
UNF nr. 3	- 56	2,15	50	9	-	2,8	2,1			●	-	-	-	-
UNF nr. 4	- 48	2,40	56	11	-	3,5	2,7			●	-	-	-	-
UNF nr. 5	- 44	2,70	56	11	5	3,5	-			●	●	●	●	●
UNF nr. 6	- 40	2,95	56	13	6	4,0	2,1			●	●	●	●	●
UNF nr. 8	- 36	3,50	63	13	7	4,5	2,1			●	●	●	●	●
UNF nr. 10	- 32	4,10	70	12	8	6,0	2,7			●	●	●	●	●
UNF nr. 12	- 28	4,70	80	17	10	6,0	3,0			●	●	●	●	●
UNF 1/4	- 28	5,50	80	14	10	7,0	3,4			●	●	●	●	●
UNF 5/16	- 24	6,90	90	22	12	8,0	4,9			●	●	●	●	●
UNF 3/8	- 24	8,50	90	22	12	10,0	7,0			●	●	●	●	●
Per misure con gambo passante superiori a 3/8 vedi N. cod. / above 3/8 refer to Cat.-No.										6839	6729	66882B	66883B	-

N 15°/40°: normale a 15°/40°
15°/40°right hand helix

N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 371



VA 35°	VAP 35°	VRP 50°	HD 15°	Alu 45°	Tipo / Type		
2 BX	2 BX	2 BX	2 B	2 B	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
					Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Materiale/Material		
6794	6794 VP	6854 VP	6848	6628	Ø mm	Filetti/1" Tpi	Preforo Tap drill
-	-	-	-	-	UNF nr. 1	- 72	1,55
-	-	-	-	-	UNF nr. 2	- 64	1,90
-	-	-	-	-	UNF nr. 3	- 56	2,15
-	-	-	-	-	UNF nr. 4	- 48	2,40
-	-	-	●	-	UNF nr. 5	- 44	2,70
-	-	-	●	-	UNF nr. 6	- 40	2,95
-	-	-	●	-	UNF nr. 8	- 36	3,50
●	●	●	●	●	UNF nr. 10	- 32	4,10
-	-	-	●	-	UNF nr. 12	- 28	4,70
●	●	●	●	●	UNF 1/4	- 28	5,50
●	●	●	●	●	UNF 5/16	- 24	6,90
●	●	●	●	●	UNF 3/8	- 24	8,50
6796	6796VP	6855VP	6849	6734			

VA: Per acciaio inossidabile
for stainless steel

VAP: vaporizzato
vaporized

VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

Alu: per alluminio
for Aluminium

HD: per materiali tenaci
for tough materials

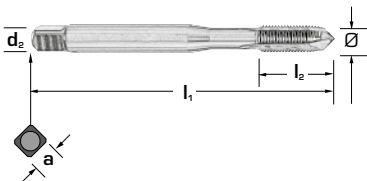
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 371



								Rapid	Rapid	Rapid
Tolleranza Tolerance								2 B	3 B	2 B
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5	B/4-5	B/4-5
Direzione di taglio Cutting direction										
Materiale/Material								HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6607	6607 3B	6607 TN
UNF nr. 1 -	72	1,55	45	8	2,8	2,1		●	●	●
UNF nr. 2 -	64	1,90	45	9	2,8	2,1		●	●	●
UNF nr. 3 -	56	2,15	50	9	2,8	2,1		●	●	●
UNF nr. 4 -	48	2,40	56	11	3,5	2,7		●	●	●
UNF nr. 5 -	44	2,70	56	11	3,5	2,7		●	●	●
UNF nr. 6 -	40	2,95	56	13	4,0	3,0		●	●	●
UNF nr. 8 -	36	3,50	63	13	4,5	3,4		●	●	●
UNF nr. 10 -	32	4,10	70	12	6,0	4,9		●	●	●
UNF nr. 12 -	28	4,70	80	17	6,0	4,9		●	●	●
UNF 1/4 -	28	5,50	80	14	7,0	5,5		●	●	●
UNF 5/16 -	24	6,90	90	22	8,0	6,2		●	●	●
UNF 3/8 -	24	8,50	90	22	10,0	7,0		●	●	●
Per misure con gambo passante superiori a 3/8 vedi N. cod. / above 3/8 refer to Cat.-No.								66872B	66873B	-

Rapid: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni come DIN 371

Machine taps with reinforced shank
for unified fine thread UNF - ASME - B 1.1
dimensions generally as per DIN 371



VA	VAP	HD				Tipo / Type
2 BX	2 BX	2 BX				Tolleranza Tolerance
B/4-5	B/4-5	B/4-5				Forma/Filetti d'imbocco Chamfer form / No. of threads
						Direzione di taglio Cutting direction
HSS-Co	HSS-Co	HSS-Co				Materiale/Material
6718	6718 VP	6875		Ø mm	Filetti/1" Tpi	Preforo Tap drill
-	-	-		UNF	nr. 1 - 72	1,55
●	●	●		UNF	nr. 2 - 64	1,90
●	●	●		UNF	nr. 3 - 56	2,15
●	●	●		UNF	nr. 4 - 48	2,40
●	●	●		UNF	nr. 5 - 44	2,70
●	●	●		UNF	nr. 6 - 40	2,95
●	●	●		UNF	nr. 8 - 36	3,50
●	●	●		UNF	nr. 10 - 32	4,10
●	●	●		UNF	nr. 12 - 28	4,70
●	●	●		UNF	1/4 - 28	5,50
●	●	●		UNF	5/16 - 24	6,90
●	●	●		UNF	3/8 - 24	8,50
6797	-	6876				

VA: Per acciaio inossidabile
for stainless steel

HD: per materiali tenaci
for tough materials

VAP: vaporizzato
vaporized



Angelo Ghezzi & C SpA

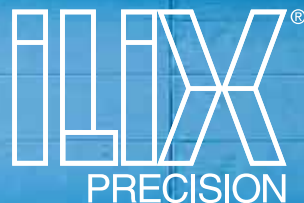


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DIN 2184/1 - UNF

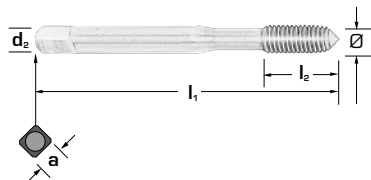


Maschi a macchina a rullare con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni similare doppio al DIN 371

Cold forming taps with reinforced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 371

Ref. **6747** senza canalini / without coolant grooves

Ref. **6815** con canalini di lubrificazione / with coolant grooves



								Former	Former S
Tipo / Type									
Tolleranza / Tolerance								2 BX	2 BX
Forma/Filetti d'imbocco / Chamfer form / No. of threads								C/2,5-3	C/2,5-3
Direzione di taglio / Cutting direction									
Materiale / Material								HSS-Co	HSS-Co
Ø mm	Filetti/1"	Preforo	l ₁	l ₂	d ₂ mm	a		6747	6815
	Tpi	Tap drill	mm	mm	h9	h12			
UNF	nr. 4 - 48	2,60	56	11	3,5	2,7		●	●
UNF	nr. 5 - 44	2,90	56	11	3,5	2,7		●	●
UNF	nr. 6 - 40	3,20	56	13	4,0	2,1		-	●
UNF	nr. 8 - 36	3,80	63	13	4,5	3,4		●	●
UNF	nr. 10 - 32	4,45	70	16	6,0	4,9		●	●
UNF	nr. 12 - 28	5,05	80	19	6,0	4,9		●	●
UNF	1/4 - 28	5,90	80	19	7,0	5,5		●	●
UNF	5/16 - 24	7,40	90	22	8,0	6,2		●	●
UNF	3/8 - 24	9,00	90	22	10,0	7,0		●	●
Per misure con gambo passante superiori a M 3/8 vedi N. cod. / above M 3/8 refer to Cat.-No.								-	6816

Former S: rullare con canalini
with coolant grooves

Former : rullare senza canalini
without coolant grooves

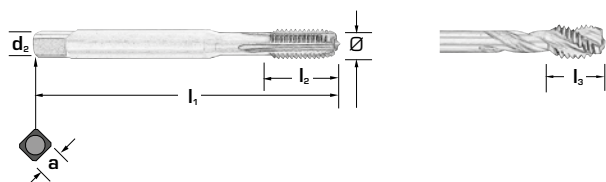
● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo passante per Filettatura UNF Passo Fine in generale dimensioni come DIN 374

Machine taps with reduced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 374



										N	N 15°	N 40°	N 40°
										2 B	2 B	2 B	3 B
										C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
										HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12						
								6839	6729	6688	6688 3B		
UNF	7/16	-	20	9,90	90	20	14	8	6,2	●	●	●	●
UNF	1/2	-	20	11,50	100	22	16	9	7,0	●	●	●	●
UNF	9/16	-	18	12,90	100	22	20	11	9,0	●	●	●	●
UNF	5/8	-	18	14,50	100	22	20	12	9,0	●	●	●	●
UNF	3/4	-	16	17,50	110	25	25	14	11,0	●	●	●	●
UNF	7/8	-	14	20,40	125	25	25	18	14,5	●	●	●	●
UNF	1	-	12	23,25	140	28	25	18	14,5	●	●	●	●
UNF	1 1/8	-	12	26,50	150	28	26	22	15,0	●	-	-	-
UNF	1 1/4	-	12	29,50	150	28	27	22	15,5	●	-	-	-
UNF	1 3/8	-	12	32,75	170	30	27	28	16,0	●	-	-	-
UNF	1 1/2	-	12	30,60	170	30	28	28	16,5	●	-	-	-

N 15°/40°: normale a 15°/40°
15°/40°right hand helix

N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock

DIN 2184/1 - UNF



Maschi a macchina con gambo rinforzato per Filettatura UNF Passo Fine in generale dimensioni come DIN 371

Machine taps with reinforced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 371



VA 35°	VRP 50°	HD 15°	ALU 45°			
2 B	2 BX	2 B	2 B	Tipo / Type		
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	Tolleranza Tolerance		
				Forma/Filetti d'imbocco Chamfer form / No. of threads		
HSS-Co	HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction		
6796	6855 VP	6849	6734	Materiale/Material		
				Ø mm	Filetti/1" Tpi	Preforo Tap drill
●	●	●	-	UNF 7/16	- 20	9,90
●	●	●	●	UNF 1/2	- 20	11,50
●	●	●	-	UNF 9/16	- 18	12,90
●	●	●	-	UNF 5/8	- 18	14,50
●	●	●	-	UNF 3/4	- 16	17,50
-	-	●	-	UNF 7/8	- 14	20,40
-	-	●	-	UNF 1	- 12	23,25
-	-	-	-	UNF 1 1/8	- 12	26,50
-	-	-	-	UNF 1 1/4	- 12	29,50
-	-	-	-	UNF 1 3/8	- 12	32,75
-	-	-	-	UNF 1 1/2	- 12	30,60

VA: Per acciaio inossidabile
for stainless steel

VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

HD: per materiali tenaci
for tough materials

Alu: per alluminio
for Aluminium

● Utensile disponibile a magazzino / Items available ex stock

DIN 376 UN-8

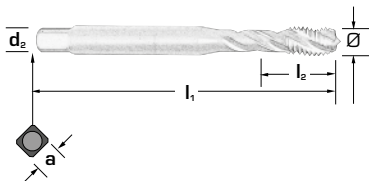


Maschi a macchina con gambo passante per Filettatura UN-8 in generale dimensioni come DIN 376

Machine taps with reduced shank for unified fine thread UN-8 dimensions generally as per DIN 376



NEW



Tipo / Type

VA 35°

Tolleranza
Tolerance

2 BX

Forma/Filetti d'imbocco
Chamfer form / No. of threads

C/2,5-3

Direzione di taglio
Cutting direction



Materiale/Material

HSS-Co

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6945 VP
UN-8 1 1/8	- 8	9,90	180	28	22	18	●
UN-8 1 1/4	- 8	11,50	180	40	22	18	●
UN-8 1 3/8	- 8	12,90	200	32	28	22	●
UN-8 1 1/2	- 8	14,50	200	32	28	22	●

VA: Per acciaio inossidabile for stainless steel

● Utensile disponibile a magazzino / Items available ex stock



Angelo Ghezzi & C SpA

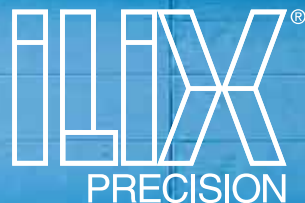


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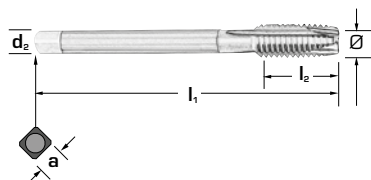
www.angeloghezzi.it

DIN 2184/1 - UNF



Maschi a macchina con gambo passante per Filettatura UNF Passo Fine in generale dimensioni come DIN 374

Machine taps with reduced shank for unified fine thread UNF - ASME - B 1.1 dimensions generally as per DIN 374



								Rapid	Rapid	VA	HD
Tipo / Type								2 B	3 B	2 BX	2 B
Tolleranza Tolerance								B/4-5	B/4-5	B/4-5	B/4-5
Forma/Filetti d'imbocco Chamfer form / No. of threads											
Direzione di taglio Cutting direction											
Materiale/Material								HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l₁ mm	l₂ mm	d₂mm h9	a h12	6687	6687 3B	6797	6876	
UNF	7/16	- 20	9,90	90	20	8	6,2	●	●	●	●
UNF	1/2	- 20	11,50	100	22	9	7,0	●	●	●	●
UNF	9/16	- 18	12,90	100	22	11	9,0	●	●	-	●
UNF	5/8	- 18	14,50	100	22	12	9,0	●	●	●	●
UNF	3/4	- 16	17,50	110	25	14	11,0	●	●	●	●
UNF	7/8	- 14	20,40	125	25	18	14,5	●	●	-	●
UNF	1	- 12	23,25	140	28	18	14,5	●	●	-	●
UNF	1 1/8	- 12	26,50	150	28	22	18,0	●	●	-	
UNF	1 1/4	- 12	29,50	150	28	22	18,0	●	●	-	
UNF	1 3/8	- 12	32,75	170	30	28	22,0	●	●	-	
UNF	1 1/2	- 12	36,00	170	30	32	24,0	●	●	-	

Rapid: Impiego tradizionale universal application
VA: Per acciaio inossidabile for stainless steel

HD: per materiali tenaci for tough materials

● Utensile disponibile a magazzino / Items available ex stock

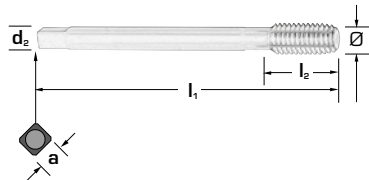
DIN 2184/1 - UNF



Maschi a rullare con gambo passante per Filettatura UNF Passo Fine in generale dimensioni come DIN 374

Cold forming taps with reduced shank
for unified fine thread UNF - ASME - B 1.1
dimensions generally as per DIN 374

con canali di lubrificazione / with coolant grooves



Tipo / Type

Former S

Tolleranza
Tolerance

2 BX

Forma/Filetti d'imbocco
Chamfer form / No. of threads

C/2,5-3

Direzione di taglio
Cutting direction



Materiale/Material

HSS-Co

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6816
UNF 7/16	- 20	10,5	90	20	8	6,2	●
UNF 1/2	- 20	12,1	100	22	9	7,0	●
UNF 5/8	- 18	15,2	100	22	12	9,0	●

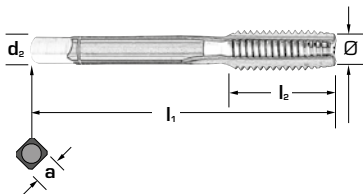
Former S: rullare con canali
with coolant grooves

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a mano in serie di 3 pezzi
composta da sbozzatore, intermedio, finitore
per Filettatura Whitworth Standard Inglese DIN 11
in generale dimensioni come DIN 351**

Hand taps, serial, in sets of 3 pieces
for British standard Whitworth thread BSW
dimensions generally as per DIN 352



								N	N	N
								-	-	-
								A/5-6	D/3-4	C/2,5-3
								HSS	HSS	HSS
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9*	a h12	6603 P	6603 S	6603 T	
							pezzo single tap	serie set		
W 1/16	60	1,20	32	8	2,5	2,1	●	●	●	
W 3/32	48	1,90	40	9	2,8	2,1	●	●	●	
W 1/8	40	2,50	40	11	3,5	2,7	●	●	●	
W 5/32	32	3,20	45	13	4,5	3,4	●	●	●	
W 3/16	24	3,60	50	16	6,0	4,9	●	●	●	
W 7/32	24	4,50	50	17	6,0	4,9	●	●	●	
W 1/4	20	5,10	50	19	6,0	4,9	●	●	●	
W 5/16	18	6,50	56	22	6,0	4,9	●	●	●	
W 3/8	16	7,90	63	22	7,0	5,5	●	●	●	
W 7/16	14	9,30	70	24	8,0	6,2	●	●	●	
W 1/2	12	10,50	75	29	9,0	7,0	●	●	●	
W 9/16	12	12,00	80	30	11,0	9,0	●	●	●	
W 5/8	11	13,50	80	32	12,0	9,0	●	●	●	
W 3/4	10	16,50	95	40	14,0	11,0	●	●	●	
W 7/8	9	19,25	100	40	18,0	14,5	●	●	●	
W 1	8	22,00	110	50	18,0	14,5	●	●	●	
W 1 1/8	7	24,75	125	56	22,0	18,0	●	●	●	
W 1 1/4	7	28,00	125	56	22,0	18,0	●	●	●	
W 1 3/8	6	30,50	150	63	28,0	22,0	●	●	●	
W 1 1/2	6	33,50	150	63	32,0	24,0	●	●	●	
W 1 5/8	5	35,50	150	63	32,0	24,0	●	●	●	
W 1 3/4	5	39,00	160	70	36,0	29,0	●	●	●	
W 2	4,5	44,50	180	75	40,0	32,0	●	●	●	

N: Impiego tradizionale
universal application

* La tolleranza del gambo per il 1° maschio è h 12 / Shank tolerance of 1st tap: h 12

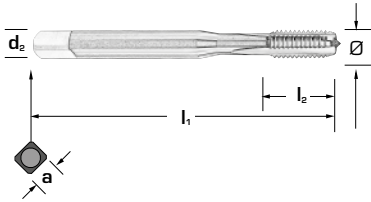
● Utensile disponibile a magazzino / Items available ex stock

ILIX NORM - BSW



Maschi a macchina con gambo rinforzato per Filettatura Whitworth Standard Inglese DIN 11 in generale dimensioni come DIN 371

Machine taps with reinforced shank for British standard Whitworth thread BSW dimensions generally as per DIN 371



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material



N	N 40°	Rapid
-	-	-
C/2,5-3	C/2,5-3	B/4-5
HSS-Co	HSS-Co	HSS-Co

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6699	6836	6697
W 1/8	40	2,5	56	11	3,5	2,7	●	●	●
W 5/32	32	3,2	63	13	4,5	3,4	●	●	●
W 3/16	24	3,6	70	16	6,0	4,9	●	●	●
W 1/4	20	5,1	80	17	7,0	5,5	●	●	●
W 5/16	18	6,5	90	20	8,0	6,2	●	●	●
W 3/8	16	7,9	90	20	9,0	7,0	●	●	●

N: Impiego tradizionale universal application
N 40°: normale a 40° 40° right hand helix
Rapid: Impiego tradizionale universal application

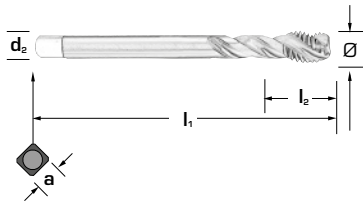
● Utensile disponibile a magazzino / Items available ex stock

ILIX NORM - BSW



Maschi a macchina con gambo passante per Filettatura Whitworth Standard Inglese DIN 11 in generale dimensioni come DIN 376

Machine taps with reduced shank for British standard Whitworth thread BSW dimensions generally as per DIN 376



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 40°

Rapid

-

-

C/2,5-3

B/4-5



HSS-Co

HSS-Co

6837

6636

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6837	6636
W 7/16	14	9,30	100	24	8	6,2	●	●
W 1/2	12	10,50	110	29	9	7,0	●	●
W 9/16	12	12,00	110	30	11	9,0	●	●
W 5/8	11	13,50	110	32	12	9,0	●	●
W 3/4	10	16,50	125	34	14	11,0	●	●
W 7/8	9	19,25	140	34	18	14,5	●	●
W 1	8	22,00	160	38	18	14,5	●	●

N 40°: normale a 40°
40° right hand helix
Rapid: Impiego tradizionale
universal application

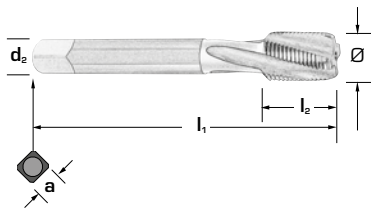
● Utensile disponibile a magazzino / Items available ex stock

DIN 5156 - (Rp)



Maschi a macchina con gambo passante per Filettatura Cilindrica Internazionale Whitworth per tubi secondo DIN 2999

Machine taps with reduced shank
for cylindrical Whitworth-Pipe internal thread
as per DIN 2999



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material



N 15°	GG	Rapid
-	-	-
C/2,5-3	C/2,5-3	B/4-5
HSS-Co	HSS-Co	HSS-Co

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6675	6674	6673
Rp 1/16	28	6,60	90	22	6	4,9	-	-	●
Rp 1/8	28	8,60	90	20	7	5,5	●	●	●
Rp 1/4	19	11,50	100	22	11	9,0	●	●	●
Rp 3/8	19	15,00	100	22	12	9,0	●	●	●
Rp 1/2	14	18,75	125	25	16	12,0	●	●	●
Rp 3/4	14	24,25	140	28	20	16,0	●	●	●
Rp 1	11	30,25	160	30	25	20,0	●	●	●
Rp 1 1/4	11	39,00	170	30	32	24,0	-	●	●
Rp 1 1/2	11	45,00	190	32	36	29,0	-	●	●
Rp 2	11	56,50	190	32	45	35,0	-	●	●

GG: per ghisa
for cast iron
N 15°: normale a 15°
15° right hand helix

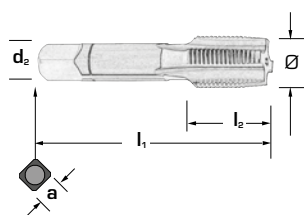
Rapid: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock



Maschi a mano in serie di 2 pezzi composta da sbizzatore e finitore per Filettatura Gas Cilindrica BSP secondo DIN 259 e DIN-ISO 228

Hand taps, serial, in set of 2 pieces for British standard Pipe thread as per DIN 259 and DIN-ISO 228



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N	N
-	-
A/5-6	C/2,5-3
HSS	HSS

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9*	a h12	6627	
							P	T
							pezzo single tap	serie set
G 1/16	28	6,80	56	22	6	4,9	●	●
G 1/8	28	8,80	63	20	7	5,5	●	●
G 1/4	19	11,80	70	22	11	9,0	●	●
G 3/8	19	15,25	70	22	12	9,0	●	●
G 1/2	14	19,00	80	22	16	12,0	●	●
G 5/8	14	21,00	80	22	18	14,5	●	●
G 3/4	14	24,50	90	22	20	16,0	●	●
G 7/8	14	28,25	90	22	22	18,0	●	●
G 1	11	30,75	100	25	25	20,0	●	●
G 1 1/8	11	35,50	125	40	28	22,0	●	●
G 1 1/4	11	39,50	125	40	32	24,0	●	●
G 1 3/8	11	42,00	125	40	36	29,0	●	●
G 1 1/2	11	45,00	140	40	36	29,0	●	●
G 1 3/4	11	51,00	140	40	40	32,0	●	●
G 2	11	57,00	160	40	45	35,0	●	●

N: Impiego tradizionale
universal application

* La tolleranza del gambo per il 1° maschio è h 12 / Shank tolerance of 1st tap: h 12

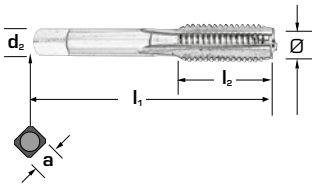
● Utensile disponibile a magazzino / Items available ex stock

DIN 5157 - BSP



Maschi a macchina corti con gambo passante per Filettatura Gas Cilindrica BSP secondo DIN 259 e DIN-ISO 228

Short machine taps with reduced shank for British standard Pipe thread
as per DIN 259 and DIN-ISO 228



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N	N 15°	MS	VA 15°
-	ISO 228 +0,1	-	-
C/2,5-3	E/1-2	E/1,5-2	E/1-2
HSS-Co	HSS-Co	HSS-Co	HSS-Co

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6858	6905	6913	6951
G 1/16	28	6,80	56	22	6	4,9	●	-	●	●
G 1/8	28	8,80	63	20	7	5,5	●	●	●	●
G 1/4	19	11,80	70	22	11	9,0	●	●	●	●
G 3/8	19	15,25	70	22	12	9,0	●	●	●	●
G 1/2	14	19,00	80	22	16	12,0	●	●	●	●
G 5/8	14	21,00	80	22	18	14,5	●	-	●	●
G 3/4	14	24,50	90	22	20	16,0	●	●	●	●
G 7/8	14	28,25	90	22	22	18,0	●	-	●	●
G 1	11	30,75	100	25	25	20,0	●	-	●	●
G 1 1/8	11	35,50	125	40	28	22,0	●	-	●	-
G 1 1/4	11	39,50	125	40	32	24,0	●	-	●	-
G 1 3/8	11	42,00	125	40	36	29,0	●	-	●	-
G 1 1/2	11	45,00	140	40	36	29,0	●	-	●	-

N 15°: normale a 15°
15° right hand helix
N: Impiego tradizionale
universal application

MS: per ottone
for brass
VA: Per acciaio inossidabile
for stainless steel

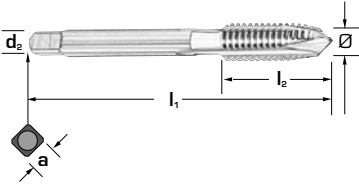
● Utensile disponibile a magazzino / Items available ex stock

DIN 5157 - BSP



Maschi a macchina corti con gambo passante per Filettatura Gas Cilindrica BSP secondo DIN 259 e DIN-ISO 228

Short machine taps with reduced shank for British standard Pipe thread as per DIN 259 and DIN-ISO 228



Tipo / Type								VA
Tolleranza Tolerance								-
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6857	
G 1/16	28	6,80	56	22	6	4,9	●	
G 1/8	28	8,80	63	20	7	5,5	●	
G 1/4	19	11,80	70	22	11	9,0	●	
G 3/8	19	15,25	70	22	12	9,0	●	
G 1/2	14	19,00	80	22	16	12,0	●	
G 5/8	14	21,00	80	22	18	14,5	●	
G 3/4	14	24,50	90	22	20	16,0	●	
G 7/8	14	28,25	90	22	22	18,0	●	
G 1	11	30,75	100	25	25	20,0	●	
G 1 1/8	11	35,50	125	40	28	22,0	●	
G 1 1/4	11	39,50	125	40	32	24,0	●	
G 1 3/8	11	42,00	125	40	36	29,0	●	
G 1 1/2	11	45,00	140	40	36	29,0	●	

VA: Per acciaio inossidabile
for stainless steel

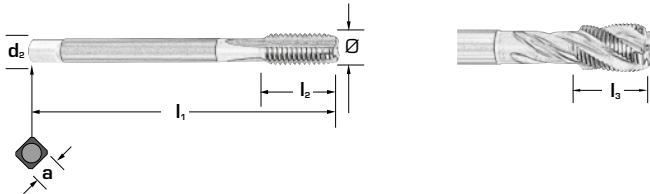
● Utensile disponibile a magazzino / Items available ex stock

DIN 5156 - BSP



**Maschi a macchina con gambo passante
per Filettatura GAS Cilindrica BSP forma secondo
DIN 259 e DIN-ISO 228**

Machine taps with reduced shank for British standard Pipe thread as per
DIN 259 and DIN-ISO 228



									HD	HD	N 15°	N 40°	N VAP 40°	N 40°
Tipo / Type									-	-	-	-	-	-
Tolleranza Tolerance									-	-	-	-	-	-
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction														
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm h9	a h12		6912	6912 TN	6665	6703	6703 VP	6703 TN
G 1/16	28	6,80	90	22	12	6	4,9		●	●	●	●	●	●
G 1/8	28	8,80	90	20	14	7	5,5		●	●	●	●	●	●
G 1/4	19	11,80	100	22	20	11	9,0		●	●	●	●	●	●
G 3/8	19	15,25	100	22	20	12	9,0		●	●	●	●	●	●
G 1/2	14	19,00	125	25	25	16	12,0		●	●	●	●	●	●
G 5/8	14	21,00	125	25	25	18	14,5		●	●	●	●	●	●
G 3/4	14	24,50	140	28	28	20	16,0		●	●	●	●	●	●
G 7/8	14	28,25	150	28	28	22	18,0		●	●	●	●	●	●
G 1	11	30,75	160	30	30	25	20,0		●	●	●	●	●	●
G 1 1/8	11	35,50	170	30	-	28	22,0		●	●	-	-	-	-
G 1 1/4	11	39,50	170	30	-	32	24,0		●	●	-	-	-	-
G 1 3/8	11	42,00	180	32	-	36	29,0		●	●	-	-	-	-
G 1 1/2	11	45,00	190	32	-	36	29,0		●	●	-	-	-	-
G 1 3/4	11	51,00	190	32	-	40	32,0		●	●	-	-	-	-
G 2	11	57,00	220	40	-	45	35,0		●	●	-	-	-	-

HD : per materiali tenaci
for tough materials

N 15°/40°: normale a 15°/40°
15°/40°right hand helix

VAP: vaporizzato
vaporized

N: Impiego tradizionale
universal application

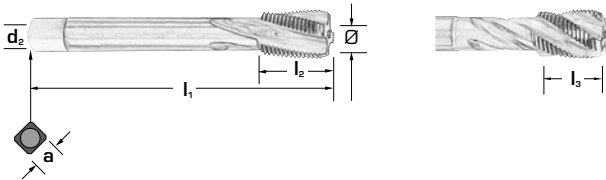
● Utensile disponibile a magazzino / Items available ex stock

DIN 5156 - BSP



Maschi a macchina con gambo passante
per Filettatura GAS Cilindrica BSP
forma secondo DIN 259 e DIN-ISO 228

Machine taps with reduced shank
for British standard Pipe thread
as per DIN 259 and DIN-ISO 228



									VA 15°	VA 35°	VAP 35°	VA 35°	VRP 50°
Tipo / Type													
Tolleranza Tolerance									-	-	-	-	-
Forma/Filetti d'imbocco Chamfer form / No. of threads									C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
Direzione di taglio Cutting direction													
Materiale/Material									HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1"	Preforo	l ₁	l ₂	l ₃	d ₂ mm	a		6716	6701	6701 VP	6701 XP	6856 VP
	Tpi	Tap drill	mm	mm	mm	h9	h12						
G 1/16	28	6,80	90	22	12	6	4,9		●	●	●	●	●
G 1/8	28	8,80	90	20	14	7	5,5		●	●	●	●	●
G 1/4	19	11,80	100	22	20	11	9,0		●	●	●	●	●
G 3/8	19	15,25	100	22	20	12	9,0		●	●	●	●	●
G 1/2	14	19,00	125	25	25	16	12,0		●	●	●	●	●
G 5/8	14	21,00	125	25	25	18	14,5		●	●	●	●	●
G 3/4	14	24,50	140	28	28	20	16,0		●	●	●	●	●
G 7/8	14	28,25	150	28	28	22	18,0		●	●	●	●	●
G 1	11	30,75	160	30	30	25	20,0		●	●	●	●	●
G 1 1/8	11	35,50	170	30	-	28	22,0		-	-	-	-	-
G 1 1/4	11	39,50	170	30	-	32	24,0		-	-	-	-	-
G 1 3/8	11	42,00	180	32	-	36	29,0		-	-	-	-	-
G 1 1/2	11	45,00	190	32	-	36	29,0		-	-	-	-	-
G 1 3/4	11	51,00	190	32	-	40	32,0		-	-	-	-	-
G 2	11	57,00	220	40	-	45	35,0		-	-	-	-	-

VA: Per acciaio inossidabile
for stainless steel

VRP: Per acciaio inox con rastremazione e vaporizzato
for stainless steel, back tapered and vaporized

VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



**Maschi a macchina con gambo passante
per Filettatura GAS Cilindrica BSP
forma secondo DIN 259 e DIN-ISO 228**

Machine taps with reduced shank
for British standard Pipe thread
as per DIN 259 and DIN-ISO 228



GG	GG	Tipo / Type		
-	-	Tolleranza Tolerance		
C/2,5-3	C/2,5-3	Forma/Filetti d'imbocco Chamfer form / No. of threads		
		Direzione di taglio Cutting direction		
HSS-Co	HSS-Co	Materiale/Material		
6708	6708 TF	Ø mm	Filetti/1" Tpi	Preforo Tap drill
●	●	G	1/16 28	6,80
●	●	G	1/8 28	8,80
●	●	G	1/4 19	11,80
●	●	G	3/8 19	15,25
●	●	G	1/2 14	19,00
●	●	G	5/8 14	21,00
●	●	G	3/4 14	24,50
●	●	G	7/8 14	28,25
●	●	G	1 11	30,75
●	●	G 1	1/8 11	35,50
●	●	G 1	1/4 11	39,50
●	●	G 1	3/8 11	42,00
●	●	G 1	1/2 11	45,00
●	●	G 1	3/4 11	51,00
●	●	G	2 11	57,00

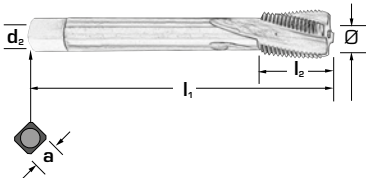
GG: per ghisa
for cast iron

DIN 5156 - BSP



Maschi a macchina con gambo passante per Filettatura GAS Cilindrica BSP forma secondo DIN 259 e DIN-ISO 228

Machine taps with reduced shank for British standard Pipe thread as per DIN 259 and DIN-ISO 228



									Rapid	VAP Rapid	Rapid
									-	-	-
									B/4-5	B/4-5	B/4-5
									HSS-Co	HSS-Co	HSS-Co
Ø mm	Filetti/1" Tpi	Preforo Tap drill	Preforo Former	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6704	6704 VP	6704 TN
G 1/16	28	6,80	7,3	90	22	6	4,9		●	●	●
G 1/8	28	8,80	9,3	90	20	7	5,5		●	●	●
G 1/4	19	11,80	12,5	100	22	11	9,0		●	●	●
G 3/8	19	15,25	16,0	100	22	12	9,0		●	●	●
G 1/2	14	20,10	20,1	125	25	16	12,0		●	●	●
G 5/8	14	21,00	-	125	25	18	14,5		●	●	●
G 3/4	14	24,50	-	140	28	20	16,0		●	●	●
G 7/8	14	28,25	-	150	28	22	18,0		●	●	●
G 1	11	30,75	-	160	30	25	20,0		●	●	●
G 1 1/8	11	35,50	-	170	30	28	22,0		●	●	●
G 1 1/4	11	39,50	-	170	30	32	24,0		●	●	●
G 1 1/2	11	45,00	-	190	32	36	29,0		●	●	●
G 1 3/4	11	51,00	-	190	32	40	32,0		●	●	●
G 2	11	57,00	-	220	40	45	35,0		●	●	●

Rapid: Impiego tradizionale
universal application
VAP: vaporizzato
vaporized

● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina con gambo passante per Filettatura GAS Cilindrica BSP forma secondo DIN 259 e DIN-ISO 228

Machine taps with reduced shank for British standard Pipe thread as per DIN 259 and DIN-ISO 228



VA	VAP	VA	Former	Former S					
-	-	-	-	-	Tipo / Type				
B/4-5	B/4-5	B/4-5	B/4-5	C/2,5-3	Tolleranza Tolerance				
					Forma/Filetti d'imbocco Chamfer form / No. of threads				
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	Direzione di taglio Cutting direction				
					Materiale/Material				
6700	6700 VP	6700 XP	6702	6818	Ø mm	Filetti/1" Tpi	Filetti/1" Tpi	Preforo Tap drill	
●	●	●	●	●	G	1/16	28	6,80	7,3
●	●	●	●	●	G	1/8	28	8,80	9,3
●	●	●	●	●	G	1/4	19	11,80	12,5
●	●	●	●	●	G	3/8	19	15,25	16,0
●	●	●	●	●	G	1/2	14	20,10	20,1
●	●	●	-	-	G	5/8	14	21,00	-
●	●	●	-	-	G	3/4	14	24,50	-
●	●	●	-	-	G	7/8	14	28,25	-
●	●	●	-	-	G	1	11	30,75	-
-	-	-	-	-	G 1	1/8	11	35,50	-
-	-	-	-	-	G 1	1/4	11	39,50	-
-	-	-	-	-	G 1	1/2	11	45,00	-
-	-	-	-	-	G 1	3/4	11	51,00	-
-	-	-	-	-	G	2	11	57,00	-

VAP: vaporizzato
vaporized
VA: Per acciaio inossidabile
for stainless steel

Former S: rullare con canalini
with coolant grooves

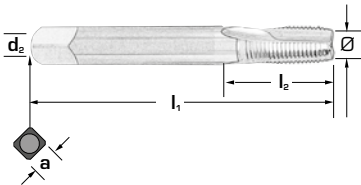
● Utensile disponibile a magazzino / Items available ex stock

DIN 5156 - BSPT (Rc)



Maschi a macchina con gambo passante per filettatura Gas Conico inglese BSPT (Rc) Conicità 1:16

Machine taps with reduced shank for British standard Pipe thread BSPT (Rc), taper 1:16



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 0°

-

C/2,5-3



HSS-Co

6790

Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
RC 1/8	28	8,2	90	13	10	8,0	●
RC 1/4	19	11,0	100	20	14	11,0	●
RC 3/8	19	14,0	110	20	14	11,0	●
RC 1/2	14	18,0	140	25	16	12,0	●
RC 3/4	14	23,5	150	26	20	16,0	●
RC 1	11	29,5	170	32	25	20,0	●

N: Impiego tradizionale
universal application

● Utensile disponibile a magazzino / Items available ex stock

ILIX NORM - NPT, NPTF



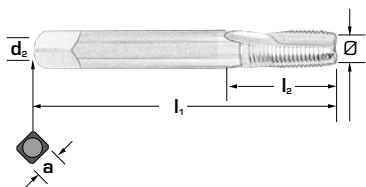
NPT (Norme Standard Americane National Pipe Taper)
NPTF (Norme Americane Dryseal National Pipe Taper)
 per Filettatura Gas Conica - conicità 1:16 angolo di filettatura 60°
 in generale dimensioni come DIN 371

NPT thread (National Pipe Taper USA, standard range)

NPTF thread (Dryseal National Pipe Taper USA)

tapered pipe thread 1 : 16 – included angle 60°

dimensions generally as per DIN 371



								N	N	VA/AZ
								NPT	NPTF	NPT
								-	-	-
								C/2,5-3	C/2,5-3	C/2,5-3
								HSS-Co	HSS-Co	HSS-Co
								6610	6611	6916
misura in pollice del tubo Size of pipe in inch	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12				
NPT/NPTF 1/16	27	6,30	56	14	7	5,5	●	●	●	
NPT/NPTF 1/8	27	8,50	63	15	8	6,2	●	●	●	
NPT/NPTF 1/4	18	11,10	70	21	11	9,0	●	●	●	
NPT/NPTF 3/8	18	14,50	70	21	12	9,0	●	●	●	
NPT/NPTF 1/2	14	17,75	80	27	16	12,0	●	●	●	
NPT/NPTF 3/4	14	23,00	100	27	20	16,0	●	●	●	
NPT/NPTF 1	11,5	29,00	125	32	25	20,0	●	●	●	
NPT/NPTF 1 1/4	11,5	38,00	125	33	32	24,0	●	●	●	
NPT/NPTF 1 1/2	11,5	44,00	140	33	36	29,0	●	●	●	
NPT/NPTF 2	11,5	56,00	140	44	36	29,0	●	-	●	

NPT: per filettature con guarnizione
for threads with dryseal

NPTF: per filettature senza guarnizione
for threads without dryseal

Alasatore conico per preforo NPT/NPTF vedi pag. 699
Taper pin reamer for NPT/NPTF thread on the page 699

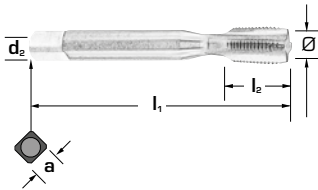
● Utensile disponibile a magazzino / Items available ex stock

ILIX NORM - NPT, NPTF



NPT (Norme Standard Americane National Pipe Taper)
NPTF (Norme Americane Dryseal National Pipe Taper)
 per Filettatura Gas Conica - conicità 1:16 angolo di filettatura 60°
 in generale dimensioni come DIN 371

NPT thread (National Pipe Taper USA, standard range)
 NPTF thread (Dryseal National Pipe Taper USA)
 tapered pipe thread 1 : 16 – included angle 60°
 dimensions generally as per DIN 371



Tipo / Type		<table border="1"> <tr> <th>HD</th> <th>HD</th> <th>HD</th> <th>VA/AZ</th> <th>VA/AZ</th> <th>VA/AZ</th> <th>VA</th> </tr> <tr> <td>NPT 0°</td> <td>NPT 0°</td> <td>NPTF 0°</td> <td>NPT 0°</td> <td>NPT 35°</td> <td>NPT 35°</td> <td>NPTF 35°</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C/2,5-3</td> <td>C/2,5-3</td> <td>C/2,5-3</td> <td>C/2,5-3</td> <td>C/2,5-3</td> <td>C/2,5-3</td> <td>C/2,5-3</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>HSS-Co</td> <td>HSS-Co</td> <td>HSS-Co</td> <td>HSS-Co</td> <td>HSS-Co</td> <td>HSS-Co</td> <td>HSS-Co</td> </tr> </table>							HD	HD	HD	VA/AZ	VA/AZ	VA/AZ	VA	NPT 0°	NPT 0°	NPTF 0°	NPT 0°	NPT 35°	NPT 35°	NPTF 35°	-	-	-	-	-	-	-	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3								HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
HD	HD	HD	VA/AZ	VA/AZ	VA/AZ	VA																																												
NPT 0°	NPT 0°	NPTF 0°	NPT 0°	NPT 35°	NPT 35°	NPTF 35°																																												
-	-	-	-	-	-	-																																												
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3																																												
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co																																												
Tolleranza Tolerance		-																																																
Forma/Filetti d'imbocco Chamfer form / No. of threads		C/2,5-3																																																
Direzione di taglio Cutting direction																																																		
Materiale/Material		HSS-Co																																																
misura in pollice del tubo Size of pipe in inch	Filetti/1" Tpi	Preforo Tap drill	l_1 mm	l_2 mm	d_2 mm h9	a h12	6917	6917 TN	6923	6919	6921	6921 TN	6925																																					
NPT/NPTF 1/16	27	6,3	90	13	8	6,2	●	●	●	●	●	●	●																																					
NPT/NPTF 1/8	27	8,5	90	13	10	8,0	●	●	●	●	●	●	●																																					
NPT/NPTF 1/4	18	11,1	100	20	14	11,0	●	●	●	●	●	●	●																																					

NPT: per filettature con guarnizione / for threads with dryseal
NPTF: per filettature senza guarnizione / for threads without dryseal

Alatore conico per preforo NPT/NPTF vedi pag. 699
 Taper pin reamer for NPT/NPTF thread on the page 699
 ● Utensile disponibile a magazzino / Items available ex stock

ILIX NORM - NPT, NPTF



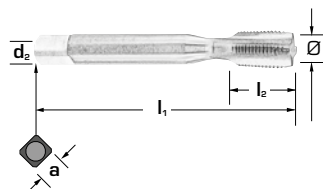
NPT (Norme Standard Americane National Pipe Taper)
NPTF (Norme Americane Dryseal National Pipe Taper)
 per Filettatura Gas Conica - conicità 1:16 angolo di filettatura 60°
 in generale dimensioni come DIN 371

NPT thread (National Pipe Taper USA, standard range)

NPTF thread (Dryseal National Pipe Taper USA)

tapered pipe thread 1 : 16 – included angle 60°

dimensions generally as per DIN 371



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

misura in pollice del tubo Size of pipe in inch		Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	6918	6924	6920	6922	6926
NPT/NPTF	3/8	18,0	14,50	110	20	14	11,0	●	●	●	●	●
NPT/NPTF	1/2	14,0	17,75	140	25	16	12,0	●	●	●	●	●
NPT/NPTF	3/4	14,0	23,00	150	26	20	16,0	●	●	●	●	●
NPT/NPTF	1	11,5	29,00	170	32	25	20,0	●	●	●	●	●
NPT/NPTF	1 1/4	11,5	38,00	190	34	32	24,0	●	●	●	●	●
NPT/NPTF	1 1/2	11,5	44,00	200	34	36	29,0	●	●	●	●	●



HD NPT 0°	HD NPTF 0°	VA/AZ NPT 0°	VA/AZ NPT 35°	VA NPTF 35°
-	-	-	-	-
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co

NPT: per filettature con guarnizione
for threads with dryseal

NPTF: per filettature senza guarnizione
for threads without dryseal

Alساتore conico per preforo NPT/NPTF vedi pag. 699
Taper pin reamer for NPT/NPTF thread on the page 699

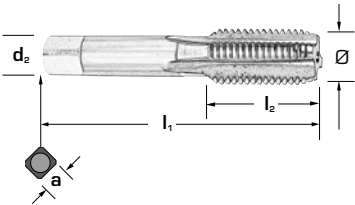
● Utensile disponibile a magazzino / Items available ex stock

DIN 40432 - (Pg)



Maschi per tubi di protezione di conduttori elettrici DIN 40430 angolo di filettatura 80° su macchine e utensili elettrici

Machine taps for steel conduit pipe thread as per DIN 40430
included angle 80° - on machine and power tools



									N	N
									Pg	Pg
									-	-
									C/2,5-3	B/4-5
									HSS-Co	HSS-Co
misura Size	Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12		6915	6710
PG 7,0	12,5	20	11,50	70	22	9	7,0		●	●
PG 9,0	15,2	18	14,00	70	22	12	9,0		●	●
PG 11,0	18,6	18	17,25	80	22	14	11,0		●	●
PG 13,5	20,4	18	19,00	80	22	16	12,0		●	●
PG 16,0	22,5	18	21,25	80	22	18	14,5		●	●
PG 21,0	28,3	16	27,00	90	22	22	18,0		●	●
PG 29,0	37,0	16	35,50	100	25	28	22,0		●	●
PG 36,0	47,0	16	45,50	140	40	36	29,0		●	●
PG 42,0	54,0	16	52,50	140	40	40	32,0		●	●
PG 48,0	59,3	16	58,00	160	40	45	35,0		●	●

● Utensile disponibile a magazzino / Items available ex stock

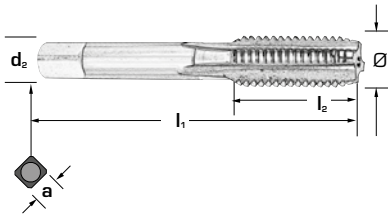
DIN 40433 - (Pg)



Maschi per tubi di protezione di conduttori elettrici DIN 40430 angolo di filettatura 80° su macchine e utensili elettrici

Machine taps for steel conduit pipe thread as per DIN 40430
included angle 80° - on machine and power tools

PG



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

Pg

-

D/4-5



HSS-Co

6914

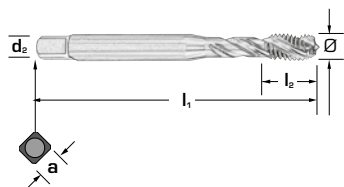
misura Size	Ø mm	Filetti/1" Tpi	Preforo Tap drill	l ₁ mm	l ₂ mm	d _{2mm} h9	a h12	
PG 7,0	12,5	20	11,50	100	20	9	7,0	●
PG 9,0	15,2	18	14,00	100	20	12	9,0	●
PG 11,0	18,6	18	17,25	110	22	14	11,0	●
PG 13,5	20,4	18	19,00	125	22	16	12,0	●
PG 16,0	22,5	18	21,25	125	25	18	14,5	●
PG 21,0	28,3	16	27,00	150	28	22	18,0	●
PG 29,0	37,0	16	35,50	170	28	28	22,0	●
PG 36,0	47,0	16	45,50	190	32	36	29,0	●

● Utensile disponibile a magazzino / Items available ex stock



Maschi per Helicoolant
Per filettatura ISO Metrica Grossa
Similare DIN 371 parte 2 per filetti riportati

Machine taps for wire thread inserts
for metric ISO thread



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 40°

6 H Mod

C/2,5-3



HSS-Co

6910

	misura Size	Passo Pitch	Preforo Tap drill	l₁ mm	l₂ mm	d₂mm h9	a h12	
	EG M 3	0,50	3,2	63	5	4,5	3,4	●
	EG M 4	0,70	4,2	70	7	6,0	4,9	●
	EG M 5	0,80	5,2	80	8	6,0	4,9	●
	EG M 6	1,00	6,3	90	10	8,0	6,2	●
	EG M 8	1,25	8,4	100	12	10,0	8,0	●

DIN 8140 - EGM

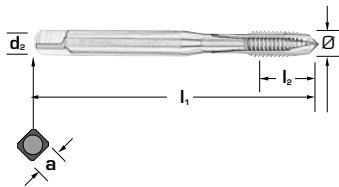


Maschi per Helicoolant Per filettatura

ISO Metrica Grossa

Similare DIN 371 parte 2 per filetti riportati

Machine taps for wire thread inserts
for metric ISO thread



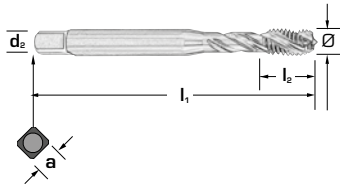
Tipo / Type								N
Tolleranza Tolerance								6 H Mod
Forma/Filetti d'imbocco Chamfer form / No. of threads								B/4-5
Direzione di taglio Cutting direction								
Materiale/Material								HSS-Co
misura Size	Passo Pitch	Preforo Tap drill	l_1 mm	l_2 mm	d_2 mm h9	a h12	6908	
EG M 3	0,50	3,2	63	5	4,5	3,4	●	
EG M 4	0,70	4,2	70	7	6,0	4,9	●	
EG M 5	0,80	5,2	80	8	6,0	4,9	●	
EG M 6	1,00	6,3	90	10	8,0	6,2	●	
EG M 8	1,25	8,4	100	12	10,0	8,0	●	

● Utensile disponibile a magazzino / Items available ex stock

DIN 8140 - EGM



Maschi per Helicoolant
Per filettatura ISO Metrica Grossa
Similare DIN 376 parte 2 per filetti riportati
Machine taps for wire thread inserts
for metric ISO thread



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 40°

6 H Mod

C/2,5-3



HSS-Co

6911

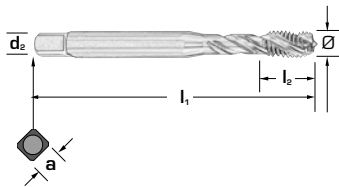
misura Size	Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
EG M	10	1,50	10,5	110	14	9	7	●
EG M	12	1,75	12,5	110	16	11	9	●
EG M	16	2,00	16,5	125	20	14	11	●

● Utensile disponibile a magazzino / Items available ex stock

DIN 8140 - EGM



Maschi per Helicoolant
Per filettatura ISO Metrica Grossa
Similare DIN 376 parte 2 per filetti riportati
Machine taps for wire thread inserts
for metric ISO thread



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N 40°

6 H Mod

B/4-5



HSS-Co

6909

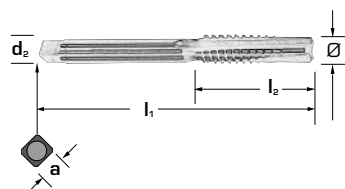
misura Size	Ø mm	Passo Pitch	Preforo Tap drill	l ₁ mm	l ₂ mm	d ₂ mm h9	a h12	
EG M	10	1,50	10,5	110	14	9	7	●
EG M	12	1,75	12,5	110	16	11	9	●
EG M	16	2,00	16,5	125	20	14	11	●

● Utensile disponibile a magazzino / Items available ex stock



Maschi a mano trapezoidali in serie di 2/3 pezzi composta da sbozzatore e finitore per filettatura ISO metrica Trapezoidale Grossa

Hand taps, serial, in sets of 2/3 pieces for ISO metric trapezoidal coarse thread



							N	N	N
							7 H	7 H	7 H
							A/5-6	D/3-4	C/2,5-3
							HSS-Co	HSS-Co	HSS-Co
							6937 p	6937 S	6937 T
misura Size	Passo Pitch	Preforo Tap drill	l_1 mm	l_2 mm	d_2 mm h9	a h12	pezzo single tap	serie set	
TR 10*	2	8,20	110	70	7,1	5,6	●	●	
TR 12	3	9,25	160	102	8,0	6,3	●	●	
TR 14	3	11,25	160	102	9,0	7,1	●	●	
TR 16	4	12,25	220	136	11,2	9,0	●	●	
TR 18	4	14,25	220	136	12,5	10,0	●	●	
TR 20	4	16,25	220	136	14,0	11,2	●	●	
TR 22	5	17,25	275	166	16,0	12,5	●	●	
TR 24	5	19,25	275	166	16,0	12,5	●	●	
TR 26	5	21,25	290	170	18,0	14,0	●	●	
TR 28	5	23,25	290	170	18,0	14,0	●	●	
TR 30	6	24,25	345	200	22,4	18,0	●	●	

TR: per filettature trapezoidali
for trapezoidal thread

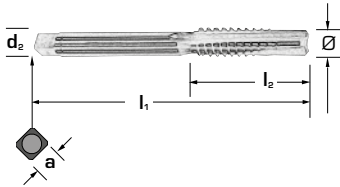
● Utensile disponibile a magazzino / Items available ex stock - * 2 pezzi / 2 Pieces



Maschi a macchina trapezoidali per filettatura ISO metrica Trapezoidale Grossa

Machine taps

for ISO metric trapezoidal coarse thread



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

7H

-



HSS-Co

							6938
misura Size	Passo Pitch	Preforo Tap drill	l_1 mm	l_2 mm	d_2 mm h9	a h12	
TR 10	2	8,20	116	76	7,1	5,6	●
TR 12	2	10,20	126	76	8,0	6,3	●
TR 12	3	9,25	175	115	8,0	6,3	●
TR 14	2	12,20	126	76	9,0	7,1	●
TR 14	3	11,25	175	115	9,0	7,1	●
TR 16	4	12,25	235	150	11,2	9,0	●
TR 18	4	14,25	235	150	12,5	10,0	●
TR 20	4	16,25	235	150	14,0	11,2	●
TR 22	5	17,25	290	180	16,0	12,5	●
TR 24	5	19,25	290	180	16,0	12,5	●
TR 26	5	21,25	300	180	18,0	14,0	●
TR 28	5	23,25	300	180	18,0	14,0	●
TR 30	6	24,25	380	235	22,4	18,0	●
TR 32	6	26,25	380	235	22,4	18,0	●
TR 34	6	28,25	390	240	25,0	20,0	●
TR 36	6	30,25	390	240	25,0	20,0	●

TR: per filettature trapezoidali
for trapezoidal thread

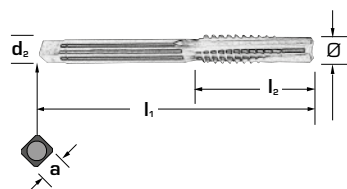
● Utensile disponibile a magazzino / Items available ex stock



Maschi a macchina trapezoidali per filettatura ISO metrica Trapezoidale Grossa

Machine taps

for ISO metric trapezoidal coarse thread



Tipo / Type

Tolleranza
Tolerance

Forma/Filetti d'imbocco
Chamfer form / No. of threads

Direzione di taglio
Cutting direction

Materiale/Material

N

Sx

7H

-



HSS-Co

6939

misura Size	Passo Pitch	Preforo Tap drill	l_1 mm	l_2 mm	d_2 mm h9	a h12	
TR 10	2	8,20	116	76	7,1	5,6	●
TR 12	2	10,20	126	76	8,0	6,3	●
TR 12	3	9,25	175	115	8,0	6,3	●
TR 14	2	12,20	126	76	9,0	7,1	●
TR 14	3	11,25	175	115	9,0	7,1	●
TR 16	4	12,25	235	150	11,2	9,0	●
TR 18	4	14,25	235	150	12,5	10,0	●
TR 20	4	16,25	235	150	14,0	11,2	●
TR 22	5	17,25	290	180	16,0	12,5	●
TR 24	5	19,25	290	180	16,0	12,5	●
TR 26	5	21,25	300	180	18,0	14,0	●
TR 28	5	23,25	300	180	18,0	14,0	●
TR 30	6	24,25	380	235	22,4	18,0	●
TR 32	6	26,25	380	235	22,4	18,0	●
TR 34	6	28,25	390	240	25,0	20,0	●
TR 36	6	30,25	390	240	25,0	20,0	●

TR: per filettature trapezoidali
for trapezoidal thread

● Utensile disponibile a magazzino / Items available ex stock



Angelo Ghezzi & C SpA

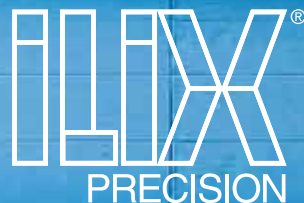
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800-018130

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Technische Hilfe
Service technique
Ayuda técnica

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INFORMAZIONI
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