



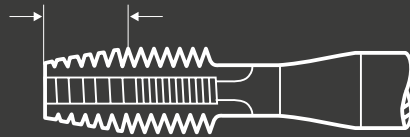
MACHINE TAPS HSS-E  
MASCHI A MACCHINA HSS-E



Through hole  
per fori passanti

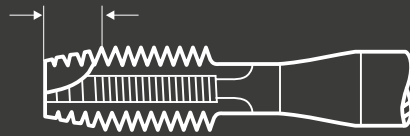
**Form A**

6-8 Threads Lead  
Imbocco a 6-8 spire



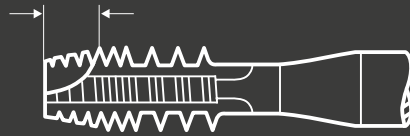
**Form B**

4-5 Threads Lead with Spiral Point  
Imbocco a 4-5 spire con imbocco corretto



**Form B-AZ**

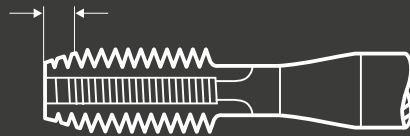
4-5 Threads Lead, Spiral Point with interrupted threads  
Imbocco a 4-5 spire con imbocco corretto e denti alternati per fori passanti



Blind hole  
per fori ciechi

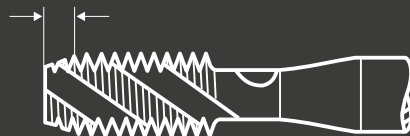
**Form C**

2-3 Threads Lead  
Imbocco a 2-3 spire



**Form C/RSP**

2-3 Threads Lead, 35° Spiral Flute  
Imbocco a 2-3 spire spirale destra a 35°





MACHINE TAPS HSS-E  
MASCHI A MACCHINA HSS-E

	Form A	Form C	Form B	15° RSP	35° RSP	B-AZ	TwinBox
M	78	79	80	84	82	85	77
M - extra long			86		87		
M - 6G - 7G - +0,1 - 4H			88		90		
M - LH		119	120		121		
Mf		92	93		96		
Mf - LH			122		125		
BSW			99		100		
BSW - LH			128		129		
UNC			101		102		
UNC - LH			130		131		
UNF			103		104		
UNF - LH			130		131		
8 - UN / 12 - UN			105		106		
UNEF			107		108		
UN / UNS			109				
G (BSP)		110	111		112		
G (BSP) - LH		132					
Rc (BSPT)		113					
NPT		114					
Rd		115					
FG		116					
BSC		117					
Vg		118					

**because available ■ because reliable ■ because you ■**



## RECOMMENDED APPLICATION OF MACHINE TAPS APPLICAZIONE RACCOMANDATA PER MASCHI A MACCHINA

Art.-No. M	373/383	374/384	375/385	376/386	377/387	379/389
Art.-No. Mf		394	395		397	
Art.-No. BSW			705/715		707/717	
Art.-No. UNC			745/755		747/757	
Art.-No. UNF			765/775		767/777	
Art.-No. G (BSP)		784	785		787	
Form/Forma	A	C	B	15°RSP	35°RSP	B-AZ
Typ of hole/Tipo di fori						
Material/Materiale						
Structural Steel up to 500N/mm <sup>2</sup> Acciaio da costruzione a 500 N/mm <sup>2</sup>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Structural Steel over 500 N/mm <sup>2</sup> Acciaio da costruzione da 500 N/mm <sup>2</sup>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Free-cutting Steel Acciaio automatici			<input type="radio"/>		<input type="radio"/>	
Cementation Steel, heat treatable Steel Acciaio da cementazione, Acciai bonificato			<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Tool Steel Acciaio utensili			<input type="radio"/>		<input type="radio"/>	
Stainless Steel Acciaio inossidabile			<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Cast Steel Ghisa acciaiosa			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cast Iron, spheroidal graphite Iron Ghisa grigia / Ghisa sferoidale		<input type="radio"/>				
Malleable Cast Iron Ghisa temprata	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Brass, short-chipping Ottone, truciolo corto		<input type="radio"/>				
Brass, long-chipping Ottone, truciolo lungo			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Bronzes Bronzo			<input type="radio"/>		<input type="radio"/>	
Copper Rame			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Al-alloys, short-chipping Alluminio, truciolo corto		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	
Al-alloys, long-chipping Alluminio, truciolo lungo			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Zinc Alloys Leghe forgiate			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Magnesium Alloys Leghe di magnesio		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Thermoplastics Materiali plastici, materiali termoplastici			<input type="radio"/>		<input type="radio"/>	
Thermosetting Plastics Materiali plastici, materiali termodurenti		<input type="radio"/>				



## Standard TwinBox

Machine Tap + Twist Drill  
metric ISO-thread DIN 13

## TwinBox Standard

Maschi a macchina + punte  
filettatura metrica ISO DIN 13



**DIN 371/376**

**HSS-E**

**ToI. ISO2/6H**

**M**

Nominal Diameter D			Art.-No.	€
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### Form B, Spiral Point / con imbocco corretto

M 3 x 0.5	DIN 371	2.5 mm	37590	6,40
M 4 x 0.7	DIN 371	3.3 mm	37591	6,50
M 5 x 0.8	DIN 371	4.2 mm	37592	7,20
M 6 x 1.0	DIN 371	5.0 mm	37593	7,30
M 8 x 1.25	DIN 371	6.8 mm	37594	9,30
M 10 x 1.5	DIN 371	8.5 mm	37595	12,00
M 12 x 1.75	DIN 376	10.2 mm	38596	15,00
M 14 x 2.0	DIN 376	12.0 mm	38597	21,00
M 16 x 2.0	DIN 376	14.0 mm	38598	26,70

### Form C, Spiral Flute / spirale destra a 35°

M 3 x 0.5	DIN 371	2.5 mm	37790	7,60
M 4 x 0.7	DIN 371	3.3 mm	37791	7,70
M 5 x 0.8	DIN 371	4.2 mm	37792	8,40
M 6 x 1.0	DIN 371	5.0 mm	37793	8,50
M 8 x 1.25	DIN 371	6.8 mm	37794	10,70
M 10 x 1.5	DIN 371	8.5 mm	37795	13,80
M 12 x 1.75	DIN 376	10.2 mm	38796	17,20
M 14 x 2.0	DIN 376	12.0 mm	38797	23,00
M 16 x 2.0	DIN 376	14.0 mm	38798	30,00

#### Application:

##### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- Spiral Point for through holes
- Spiral Flute for blind holes

##### HSS-G Twist Drills DIN 338, type N

bright finish, profile ground

#### Applicazione:

##### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- Forma B per fori passanti
- 35° per fori ciechi

##### HSS-G punte DIN 338, tipo N

Superficie lucida, rettificata



**Machine Taps**  
metric ISO-thread DIN 13

**Maschi a macchina**  
filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376 Form A HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 2 x 0.4	45	8	2.8	2.1	37316	7,00
M 2.3 x 0.4	45	9	2.8	2.1	37318	7,00
M 2.5 x 0.45	50	9	2.8	2.1	37322	7,00
M 2.6 x 0.45	50	9	2.8	2.1	37324	7,00
M 3 x 0.5	56	11	3.5	2.7	37326	5,60
M 4 x 0.7	63	13	4.5	3.4	37330	5,60
M 5 x 0.8	70	16	6.0	4.9	37334	6,00
M 6 x 1.0	80	19	6.0	4.9	37338	6,00
M 8 x 1.25	90	22	8.0	6.2	37342	7,50
M 10 x 1.5	100	24	10.0	8.0	37346	9,30
<b>DIN 376</b>						
M 2 x 0.4	45	8	1.4	—	38316	7,00
M 3 x 0.5	56	11	2.2	—	38326	6,20
M 4 x 0.7	63	13	2.8	2.1	38330	6,20
M 5 x 0.8	70	16	3.5	2.7	38334	6,50
M 6 x 1.0	80	19	4.5	3.4	38338	6,50
M 8 x 1.25	90	22	6.0	4.9	38342	7,80
M 10 x 1.5	100	24	7.0	5.5	38346	9,80
M 12 x 1.75	110	29	9.0	7.0	38350	11,00
M 14 x 2.0	110	30	11.0	9.0	38354	14,50
M 16 x 2.0	110	32	12.0	9.0	38358	16,00
M 18 x 2.5	125	34	14.0	11.0	38362	23,00
M 20 x 2.5	140	34	16.0	12.0	38366	32,00
M 22 x 2.5	140	34	18.0	14.5	38370	35,00
M 24 x 3.0	160	38	18.0	14.5	38374	38,00
M 27 x 3.0	160	38	20.0	16.0	38376	60,00
M 30 x 3.5	180	45	22.0	18.0	38378	64,00
<b>SET</b>						
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47813	55,00

**Application:**

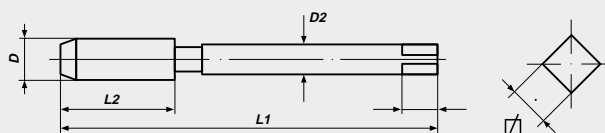
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**Applicazione:**

**per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

metric ISO-thread DIN 13

## Maschi a macchina

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form C**

**HSS-E**

**ToI. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 2 x 0.4	45	8	2.8	2.1	37416	7,00
M 2.3 x 0.4	45	9	2.8	2.1	37418	7,00
M 2.5 x 0.45	50	9	2.8	2.1	37422	7,00
M 2.6 x 0.45	50	9	2.8	2.1	37424	7,00
M 3 x 0.5	56	11	3.5	2.7	37426	5,60
M 3.5 x 0.6	56	13	4.0	3.0	37428	6,30
M 4 x 0.7	63	13	4.5	3.4	37430	5,60
M 5 x 0.8	70	16	6.0	4.9	37434	6,00
M 6 x 1.0	80	19	6.0	4.9	37438	6,00
M 7 x 1.0	80	19	7.0	5.5	37440	8,30
M 8 x 1.25	90	22	8.0	6.2	37442	7,50
M 10 x 1.5	100	24	10.0	8.0	37446	9,30
<b>DIN 376</b>						
M 3 x 0.5	56	11	2.2	—	38426	6,20
M 4 x 0.7	63	13	2.8	2.1	38430	6,20
M 5 x 0.8	70	16	3.5	2.7	38434	6,50
M 6 x 1.0	80	19	4.5	3.4	38438	6,50
M 8 x 1.25	90	22	6.0	4.9	38442	7,80
M 10 x 1.5	100	24	7.0	5.5	38446	9,80
M 11 x 1.5	100	24	8.0	6.2	38448	11,00
M 12 x 1.75	110	29	9.0	7.0	38450	11,00
M 14 x 2.0	110	30	11.0	9.0	38454	14,50
M 16 x 2.0	110	32	12.0	9.0	38458	16,00
M 18 x 2.5	125	34	14.0	11.0	38462	23,00
M 20 x 2.5	140	34	16.0	12.0	38466	32,00
M 22 x 2.5	140	34	18.0	14.5	38470	35,00
M 24 x 3.0	160	38	18.0	14.5	38474	38,00
M 27 x 3.0	160	38	20.0	16.0	38476	60,00
M 30 x 3.5	180	45	22.0	18.0	38478	64,00
M 33 x 3.5	180	50	25.0	20.0	38480	90,00
M 36 x 4.0	200	56	28.0	22.0	38482	146,00
M 39 x 4.0	200	60	32.0	24.0	38484	185,00
M 42 x 4.5	200	60	32.0	24.0	38486	217,00
M 45 x 4.5	220	65	36.0	29.0	38488	250,00
M 48 x 5.0	250	70	36.0	29.0	38490	270,00
M 52 x 5.0	250	70	40.0	32.0	38492	330,00
<b>SET</b>						
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47814	55,00

### Application:

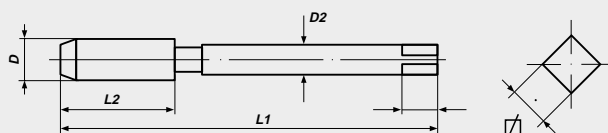
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





**Machine Taps**  
metric ISO-thread DIN 13

**Maschi a macchina**  
filettatura metrica ISO DIN 13



**DIN 371 Form B HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	€
M 1 x 0.25	40	5	2.5	2.1	37502	20,00
M 1.1 x 0.25	40	5	2.5	2.1	37504	20,00
M 1.2 x 0.25	40	5	2.5	2.1	37506	20,00
M 1.4 x 0.3	40	7	2.5	2.1	37508	17,50
M 1.6 x 0.35	40	8	2.5	2.1	37510	17,50
M 1.7 x 0.35	40	8	2.5	2.1	37512	17,50
M 1.8 x 0.35	40	8	2.5	2.1	37514	17,50
M 2 x 0.4	45	8	2.8	2.1	37516	7,50
M 2.5 x 0.45	50	9	2.8	2.1	37522	7,50
M 3 x 0.5	56	11	3.5	2.7	37526	5,90
M 3.5 x 0.6	56	13	4.0	3.0	37528	6,50
M 4 x 0.7	63	13	4.5	3.4	37530	5,90
M 5 x 0.8	70	16	6.0	4.9	37534	6,30
M 6 x 1.0	80	19	6.0	4.9	37538	6,30
M 7 x 1.0	80	19	7.0	5.5	37540	9,00
M 8 x 1.25	90	22	8.0	6.2	37542	7,80
M 10 x 1.5	100	24	10.0	8.0	37546	9,80
TIN						
M 3 x 0.5	56	11	3.5	2.7	31526	9,00
M 4 x 0.7	63	13	4.5	3.4	31530	9,00
M 5 x 0.8	70	16	6.0	4.9	31534	9,40
M 6 x 1.0	80	19	6.0	4.9	31538	10,00
M 8 x 1.25	90	22	8.0	6.2	31542	12,50
M 10 x 1.5	100	24	10.0	8.0	31546	16,30
VAP						
M 3 x 0.5	56	11	3.5	2.7	31570	6,50
M 4 x 0.7	63	13	4.5	3.4	31571	6,50
M 5 x 0.8	70	16	6.0	4.9	31572	6,90
M 6 x 1.0	80	19	6.0	4.9	31573	6,90
M 8 x 1.25	90	22	8.0	6.2	31574	8,60
M 10 x 1.5	100	24	10.0	8.0	31575	10,80

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**TIN-coating:**

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

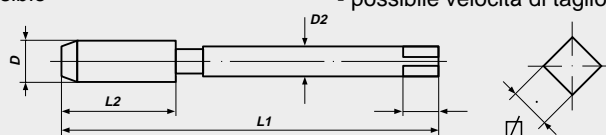
**Applicazione:**

**per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti

**rivestimento TIN**

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





## Machine Taps

metric ISO-thread DIN 13

## Maschi a macchina

filettatura metrica ISO DIN 13



**DIN 376**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.5	56	11	2.2	—	38526	6,40
M 4 x 0.7	63	13	2.8	2.1	38530	6,40
M 5 x 0.8	70	16	3.5	2.7	38534	6,90
M 6 x 1.0	80	19	4.5	3.4	38538	6,90
M 8 x 1.25	90	22	6.0	4.9	38542	8,50
M 9 x 1.25	90	22	7.0	5.5	38544	10,20
M 10 x 1.5	100	24	7.0	5.5	38546	10,20
M 12 x 1.75	110	29	9.0	7.0	38550	11,80
M 14 x 2.0	110	30	11.0	9.0	38554	15,00
M 16 x 2.0	110	32	12.0	9.0	38558	17,00
M 18 x 2.5	125	34	14.0	11.0	38562	24,00
M 20 x 2.5	140	34	16.0	12.0	38566	32,00
M 22 x 2.5	140	34	18.0	14.5	38570	37,00
M 24 x 3.0	160	38	18.0	14.5	38574	39,00
M 27 x 3.0	160	38	20.0	16.0	38576	65,00
M 30 x 3.5	180	45	22.0	18.0	38578	67,00
M 33 x 3.5	180	50	25.0	20.0	38580	94,00
M 36 x 4.0	200	56	28.0	22.0	38582	153,00
M 39 x 4.0	200	60	32.0	24.0	38584	197,00
M 42 x 4.5	200	60	32.0	24.0	38586	230,00
M 45 x 4.5	220	65	36.0	29.0	38588	260,00
M 48 x 5.0	250	70	36.0	29.0	38590	285,00
M 52 x 5.0	250	70	40.0	32.0	38592	348,00

TIN

M 12 x 1.75	110	29	9.0	7.0	31550	21,70
M 14 x 2.0	110	30	11.0	9.0	31554	26,00
M 16 x 2.0	110	32	12.0	9.0	31558	29,00
M 18 x 2.5	125	34	14.0	11.0	31562	39,90
M 20 x 2.5	140	34	16.0	12.0	31566	47,90

VAP

M 12 x 1.75	110	29	9.0	7.0	31576	13,00
M 14 x 2.0	110	30	11.0	9.0	31577	16,50
M 16 x 2.0	110	32	12.0	9.0	31578	18,70
M 18 x 2.5	125	34	14.0	11.0	31579	26,40
M 20 x 2.5	140	34	16.0	12.0	31580	35,20

### Application:

#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

#### TIN-coating:

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

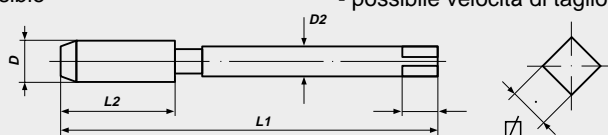
### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti

#### rivestimento TIN

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore

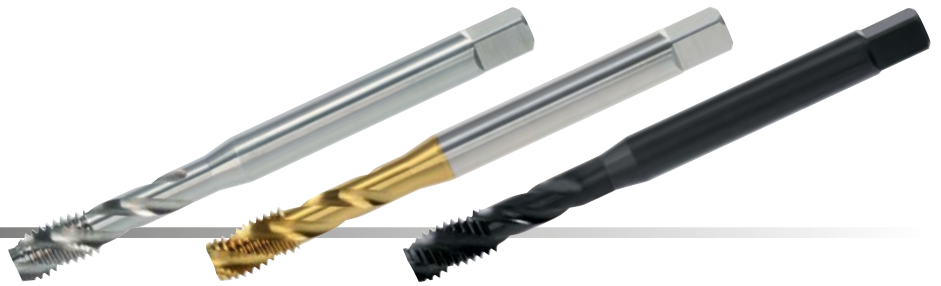






**Machine Taps**  
metric ISO-thread DIN 13

**Maschi a macchina**  
filettatura metrica ISO DIN 13



**DIN 371**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	€
M 1 x 0.25	40	4	2.5	2.1	37702	22,00
M 1.1 x 0.25	40	4	2.5	2.1	37704	22,00
M 1.2 x 0.25	40	4	2.5	2.1	37706	22,00
M 1.4 x 0.3	40	5	2.5	2.1	37708	20,00
M 1.6 x 0.35	40	6	2.5	2.1	37710	20,00
M 1.7 x 0.35	40	6	2.5	2.1	37712	20,00
M 1.8 x 0.35	40	6	2.5	2.1	37714	20,00
M 2 x 0.4	45	6	2.8	2.1	37716	8,20
M 2.5 x 0.45	50	6	2.8	2.1	37722	8,20
M 3 x 0.5	56	6	3.5	2.7	37726	7,10
M 3.5 x 0.6	56	6	4.0	3.0	37728	7,80
M 4 x 0.7	63	7	4.5	3.4	37730	7,10
M 5 x 0.8	70	8	6.0	4.9	37734	7,80
M 6 x 1.0	80	10	6.0	4.9	37738	7,80
M 7 x 1.0	80	12	7.0	5.5	37740	10,80
M 8 x 1.25	90	14	8.0	6.2	37742	9,40
M 10 x 1.5	100	16	10.0	8.0	37746	11,80
<b>TIN</b>						
M 3 x 0.5	56	6	3.5	2.7	31726	10,20
M 4 x 0.7	63	7	4.5	3.4	31730	10,20
M 5 x 0.8	70	8	6.0	4.9	31734	10,90
M 6 x 1.0	80	10	6.0	4.9	31738	11,50
M 8 x 1.25	90	14	8.0	6.2	31742	14,10
M 10 x 1.5	100	16	10.0	8.0	31746	18,30
<b>VAP</b>						
M 3 x 0.5	56	6	3.5	2.7	31770	7,80
M 4 x 0.7	63	7	4.5	3.4	31771	7,80
M 5 x 0.8	70	8	6.0	4.9	31772	8,60
M 6 x 1.0	80	10	6.0	4.9	31773	8,60
M 8 x 1.25	90	14	8.0	6.2	31774	10,30
M 10 x 1.5	100	16	10.0	8.0	31775	13,00

**Application:  
for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**TIN-coating:**

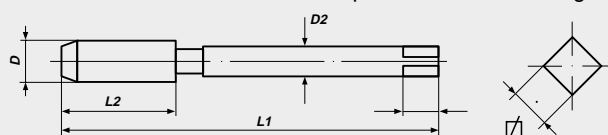
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

**Applicazione:  
per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi

**rivestimento TIN:**

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





## Machine Taps

metric ISO-thread DIN 13

## Maschi a macchina

filettatura metrica ISO DIN 13



**DIN 376**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.5	56	6	2.2	—	38726	7,80
M 4 x 0.7	63	7	2.8	2.1	38730	7,80
M 5 x 0.8	70	8	3.5	2.7	38734	8,20
M 6 x 1.0	80	10	4.5	3.4	38738	8,20
M 8 x 1.25	90	14	6.0	4.9	38742	10,00
M 10 x 1.5	100	16	7.0	5.5	38746	12,00
M 12 x 1.75	110	18	9.0	7.0	38750	14,00
M 14 x 2.0	110	20	11.0	9.0	38754	18,00
M 16 x 2.0	110	22	12.0	9.0	38758	20,00
M 18 x 2.5	125	25	14.0	11.0	38762	29,50
M 20 x 2.5	140	25	16.0	12.0	38766	39,00
M 22 x 2.5	140	27	18.0	14.5	38770	46,00
M 24 x 3.0	160	30	18.0	14.5	38774	48,00
M 27 x 3.0	160	30	20.0	16.0	38776	78,00
M 30 x 3.5	180	35	22.0	18.0	38778	82,00
M 33 x 3.5	180	35	25.0	20.0	38780	117,00
M 36 x 4.0	200	40	28.0	22.0	38782	185,00
M 39 x 4.0	200	40	32.0	24.0	38784	235,00
M 42 x 4.5	200	45	32.0	24.0	38786	280,00
M 45 x 4.5	220	45	36.0	29.0	38788	315,00
M 48 x 5.0	250	50	36.0	29.0	38790	345,00
M 52 x 5.0	250	50	40.0	32.0	38792	410,00

### TIN

M 12 x 1.75	110	18	9.0	7.0	31750	23,90
M 14 x 2.0	110	20	11.0	9.0	31754	29,00
M 16 x 2.0	110	22	12.0	9.0	31758	32,00
M 18 x 2.5	125	25	14.0	11.0	31762	45,40
M 20 x 2.5	140	25	16.0	12.0	31766	54,90

### VAP

M 12 x 1.75	110	18	9.0	7.0	31776	15,40
M 14 x 2.0	110	20	11.0	9.0	31777	19,80
M 16 x 2.0	110	22	12.0	9.0	31778	22,00
M 18 x 2.5	125	25	14.0	11.0	31779	32,50
M 20 x 2.5	140	25	16.0	12.0	31780	42,90

#### Application: for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

#### TIN-coating:

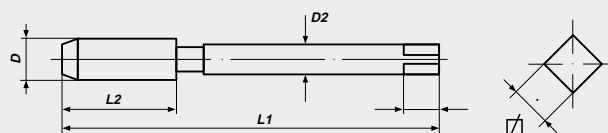
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

#### Applicazione: per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi

#### rivestimento TIN:

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





**Machine Taps**  
metric ISO-thread DIN 13

**Maschi a macchina**  
filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376 Form C/15°RSP HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	▣	Art.-No.	€
<b>DIN 371</b>						
M 3 x 0.5	56	11	3.5	2.7	37626	8,80
M 3.5 x 0.6	56	13	4.0	3.0	37628	9,10
M 4 x 0.7	63	13	4.5	3.4	37630	8,80
M 5 x 0.8	70	16	6.0	4.9	37634	9,40
M 6 x 1.0	80	19	6.0	4.9	37638	9,40
M 7 x 1.0	80	19	7.0	5.5	37640	11,90
M 8 x 1.25	90	22	8.0	6.2	37642	11,60
M 10 x 1.5	100	24	10.0	8.0	37646	13,40
<b>DIN 376</b>						
M 3 x 0.5	56	11	2.2	—	38626	8,80
M 4 x 0.7	63	13	2.8	2.1	38630	8,80
M 5 x 0.8	70	16	3.5	2.7	38634	9,40
M 6 x 1.0	80	19	4.5	3.4	38638	9,40
M 8 x 1.25	90	22	6.0	4.9	38642	11,60
M 10 x 1.5	100	24	7.0	5.5	38646	13,40
M 12 x 1.75	110	29	9.0	7.0	38650	16,00
M 14 x 2.0	110	30	11.0	9.0	38654	21,50
M 16 x 2.0	110	32	12.0	11.0	38658	23,30
M 18 x 2.5	125	34	14.0	11.0	38662	33,50
M 20 x 2.5	140	34	16.0	12.0	38666	43,50
M 22 x 2.5	140	34	18.0	14.5	38670	50,00
M 24 x 3.0	160	38	18.0	14.5	38674	53,00
<b>SET</b>						
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47816	73,00

**Application:**

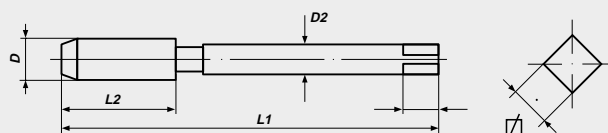
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**Applicazione:**

**per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

metric ISO-thread DIN 13

## Maschi a macchina

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form B-AZ**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 3 x 0.5	56	11	3.5	2.7	37926	8,20
M 4 x 0.7	63	13	4.5	3.4	37930	8,20
M 5 x 0.8	70	16	6.0	4.9	37934	8,80
M 6 x 1.0	80	19	6.0	4.9	37938	8,80
M 8 x 1.25	90	22	8.0	6.2	37942	10,90
M 10 x 1.5	100	24	10.0	8.0	37946	13,00
<b>DIN 376</b>						
M 3 x 0.5	56	11	2.2	—	38926	8,80
M 4 x 0.7	63	13	2.8	2.1	38930	8,80
M 5 x 0.8	70	16	3.5	2.7	38934	9,20
M 6 x 1.0	80	19	4.5	3.4	38938	9,20
M 8 x 1.25	90	22	6.0	4.9	38942	11,50
M 10 x 1.5	100	24	7.0	5.5	38946	13,80
M 12 x 1.75	110	29	9.0	7.0	38950	16,00
M 14 x 2.0	110	30	11.0	9.0	38954	21,50
M 16 x 2.0	110	32	12.0	9.0	38958	23,00
M 18 x 2.5	125	34	14.0	11.0	38962	32,50
M 20 x 2.5	140	34	16.0	12.0	38966	43,00
M 22 x 2.5	140	34	18.0	14.5	38970	50,00
M 24 x 3.0	160	38	18.0	14.5	38974	53,00
<b>SET</b>						
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47819	77,00

### Application:

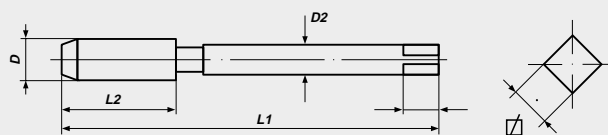
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti



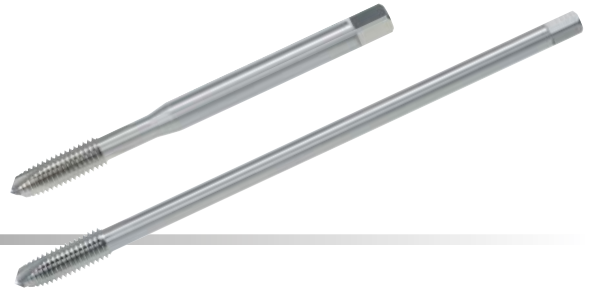


## Machine Taps, *extra long*

metric ISO-thread DIN 13

## Maschi a macchina, *extra lungo*

filettatura metrica ISO DIN 13



≈ **DIN 371**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>100 mm</b>						
M 3 x 0.5	100	11	3.5	2.7	32010	8,40
M 4 x 0.7	100	13	4.5	3.4	32011	8,40
M 5 x 0.8	100	16	6.0	4.9	32012	8,90
M 6 x 1.0	100	19	6.0	4.9	32013	8,90
M 8 x 1.25	100	22	8.0	6.2	32014	10,70
M 10 x 1.5	100	24	10.0	8.0	32015	11,20
M 12 x 1.75	100	29	12.0	9.0	32016	12,60
<b>120 mm</b>						
M 4 x 0.7	120	13	4.5	3.4	32021	8,90
M 5 x 0.8	120	16	6.0	4.9	32022	9,70
M 6 x 1.0	120	19	6.0	4.9	32023	9,70
M 8 x 1.25	120	22	8.0	6.2	32024	11,30
M 10 x 1.5	120	24	10.0	8.0	32025	12,80
M 12 x 1.75	120	29	12.0	9.0	32026	14,90
<b>150 mm</b>						
M 4 x 0.7	150	13	4.5	3.4	32031	9,40
M 5 x 0.8	150	16	6.0	4.9	32032	10,40
M 6 x 1.0	150	19	6.0	4.9	32033	10,40
M 8 x 1.25	150	22	8.0	6.2	32034	12,70
M 10 x 1.5	150	24	10.0	8.0	32035	15,50
M 12 x 1.75	150	29	12.0	9.0	32036	18,20
<b>150 mm with reduced shank / con gambo passante</b>						
M 4 x 0.7	150	13	2.8	2.1	32071	9,40
M 5 x 0.8	150	16	3.5	2.7	32072	10,40
M 6 x 1.0	150	19	4.5	3.4	32073	10,40
M 8 x 1.25	150	22	6.0	4.9	32074	12,70
M 10 x 1.5	150	24	7.0	5.5	32075	15,50
M 12 x 1.75	150	29	9.0	7.0	32076	18,20

### Application:

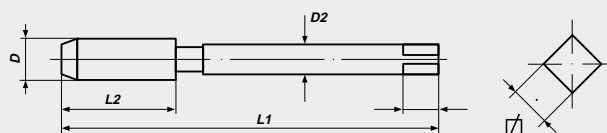
#### for general use in awkward places

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti



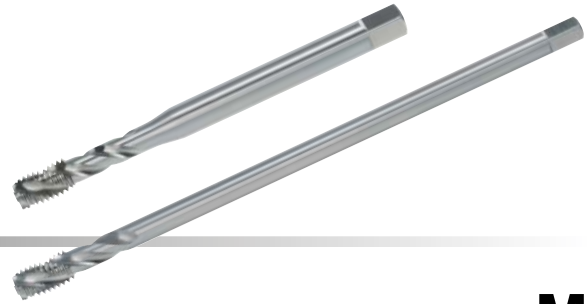


## Machine Taps, *extra long*

metric ISO-thread DIN 13

## Maschi a macchina, *extra lungo*

filettatura metrica ISO DIN 13



≈ **DIN 371**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>100 mm</b>						
M 3 x 0.5	100	6	3.5	2.7	32040	10,10
M 4 x 0.7	100	7	4.5	3.4	32041	10,10
M 5 x 0.8	100	8	6.0	4.9	32042	10,90
M 6 x 1.0	100	10	6.0	4.9	32043	10,90
M 8 x 1.25	100	14	8.0	6.2	32044	12,60
M 10 x 1.5	100	16	10.0	8.0	32045	13,60
M 12 x 1.75	100	18	12.0	9.0	32046	13,80
<b>120 mm</b>						
M 4 x 0.7	120	7	4.5	3.4	32051	10,50
M 5 x 0.8	120	8	6.0	4.9	32052	11,60
M 6 x 1.0	120	10	6.0	4.9	32053	11,60
M 8 x 1.25	120	14	8.0	6.2	32054	13,30
M 10 x 1.5	120	16	10.0	8.0	32055	15,20
M 12 x 1.75	120	18	12.0	9.0	32056	16,10
<b>150 mm</b>						
M 4 x 0.7	150	7	4.5	3.4	32061	10,90
M 5 x 0.8	150	8	6.0	4.9	32062	12,40
M 6 x 1.0	150	10	6.0	4.9	32063	12,40
M 8 x 1.25	150	14	8.0	6.2	32064	14,70
M 10 x 1.5	150	16	10.0	8.0	32065	17,80
M 12 x 1.75	150	18	12.0	9.0	32066	19,30
<b>150 mm with reduced shank / con gambo passante</b>						
M 4 x 0.7	150	7	2.8	2.1	32081	10,90
M 5 x 0.8	150	8	3.5	2.7	32082	12,40
M 6 x 1.0	150	10	4.5	3.4	32083	12,40
M 8 x 1.25	150	14	6.0	4.9	32084	14,70
M 10 x 1.5	150	16	7.0	5.5	32085	17,80
M 12 x 1.75	150	18	9.0	7.0	32086	19,30

### Application:

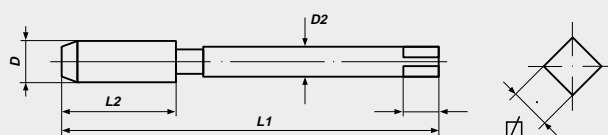
#### for general use in awkward places

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps, *with oversize*

metric ISO-thread DIN 13

## Maschi a macchina, *tolleranza maggiorata*

filettatura metrica ISO DIN 13

DIN 371

DIN 376



### DIN 371/376 Form B HSS-E

**M**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>6G</b>						
DIN 371						
M 2.5 x 0.45	50	9	2.8	2.1	32522	7,90
M 3 x 0.5	56	11	3.5	2.7	32526	7,90
M 4 x 0.7	63	13	4.5	3.4	32530	7,90
M 5 x 0.8	70	16	6.0	4.9	32534	8,20
M 6 x 1.0	80	19	6.0	4.9	32538	8,20
M 8 x 1.25	90	22	8.0	6.2	32542	10,10
M 10 x 1.5	100	24	10.0	8.0	32546	11,60
DIN 376						
M 12 x 1.75	110	29	9.0	7.0	32550	13,90
M 14 x 2.0	110	30	11.0	9.0	32554	20,00
M 16 x 2.0	110	32	12.0	9.0	32558	23,10
M 18 x 2.5	125	34	14.0	11.0	32562	31,50
M 20 x 2.5	140	34	16.0	12.0	32566	44,10
<b>7G</b>						
DIN 371						
M 3 x 0.5	56	11	3.5	2.7	32503	8,00
M 4 x 0.7	63	13	4.5	3.4	32504	8,00
M 5 x 0.8	70	16	6.0	4.9	32505	8,40
M 6 x 1.0	80	19	6.0	4.9	32506	8,40
M 8 x 1.25	90	22	8.0	6.2	32508	10,70
M 10 x 1.5	100	24	10.0	8.0	32510	12,70
DIN 376						
M 12 x 1.75	110	29	9.0	7.0	32512	14,70
<b>+ 0,1 mm</b>						
DIN 371						
M 3 x 0.5	56	11	3.5	2.7	32583	8,00
M 4 x 0.7	63	13	4.5	3.4	32584	8,00
M 5 x 0.8	70	16	6.0	4.9	32585	8,40
M 6 x 1.0	80	19	6.0	4.9	32586	8,40
M 8 x 1.25	90	22	8.0	6.2	32588	10,70
M 10 x 1.5	100	24	10.0	8.0	32590	12,70
DIN 376						
M 12 x 1.75	110	29	9.0	7.0	32592	14,70

#### Application:

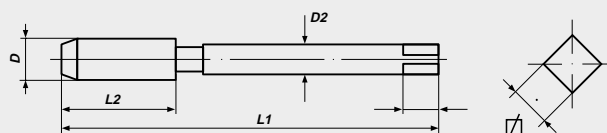
##### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for through holes

#### Applicazione:

##### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- Materiali truciolo lungo
- per fori passanti





**Machine Taps, *with undersize***

metric ISO-thread DIN13

**Maschi a macchina, *accoppiamento fine***

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form B**

**HSS-E**

**Tol. ISO1/4H**

**M**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
4H	DIN 371					
M 3 x 0.5	56	11	3.5	2.7	32612	8,00
M 4 x 0.7	63	13	4.5	3.4	32614	8,00
M 5 x 0.8	70	16	6.0	4.9	32616	8,40
M 6 x 1.0	80	19	6.0	4.9	32618	8,40
M 8 x 1.25	90	22	8.0	6.2	32620	10,70
M 10 x 1.5	100	24	10.0	8.0	32622	12,70
	DIN 376					
M 12 x 1.75	110	29	9.0	7.0	32624	14,70
M 14 x 2.0	110	30	11.0	9.0	32625	20,00
M 16 x 2.0	110	32	12.0	9.0	32626	23,10

**Application:**

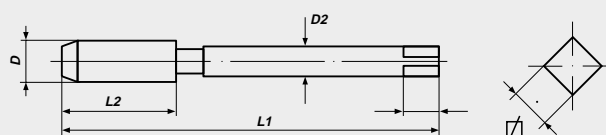
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for through holes

**Applicazione:**

**per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- Materiali truciolo lungo
- per fori passanti







## Machine Taps, *with oversize*

metric ISO-thread DIN 13

## Maschi a macchina, *tolleranza maggiorata*

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form C/35°RSP**

**HSS-E**

**M**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>6G</b>						
DIN 371						
M 3 x 0.5	56	6	3.5	2.7	32726	9,50
M 4 x 0.7	63	7	4.5	3.4	32730	9,50
M 5 x 0.8	70	8	6.0	4.9	32734	9,90
M 6 x 1.0	80	10	6.0	4.9	32738	9,90
M 8 x 1.25	90	14	8.0	6.2	32742	12,10
M 10 x 1.5	100	16	10.0	8.0	32746	14,00
DIN 376						
M 12 x 1.75	110	18	9.0	7.0	32750	15,20
M 14 x 2.0	110	20	11.0	9.0	32754	22,00
M 16 x 2.0	110	22	12.0	9.0	32758	23,00
M 18 x 2.5	125	25	14.0	11.0	32762	34,50
M 20 x 2.5	140	25	16.0	12.0	32766	48,00
<b>7G</b>						
DIN 371						
M 3 x 0.5	56	6	3.5	2.7	32703	9,70
M 4 x 0.7	63	7	4.5	3.4	32704	9,70
M 5 x 0.8	70	8	6.0	4.9	32705	10,40
M 6 x 1.0	80	10	6.0	4.9	32706	10,40
M 8 x 1.25	90	14	8.0	6.2	32708	13,40
M 10 x 1.5	100	16	10.0	8.0	32710	15,80
DIN 376						
M 12 x 1.75	110	18	9.0	7.0	32712	17,00
<b>+ 0,1 mm</b>						
DIN 371						
M 3 x 0.5	56	6	3.5	2.7	32783	9,70
M 4 x 0.7	63	7	4.5	3.4	32784	9,70
M 5 x 0.8	70	8	6.0	4.9	32785	10,40
M 6 x 1.0	80	10	6.0	4.9	32786	10,40
M 8 x 1.25	90	14	8.0	6.2	32788	13,40
M 10 x 1.5	100	16	10.0	8.0	32790	15,80
DIN 376						
M 12 x 1.75	110	18	9.0	7.0	32792	17,00

### Application:

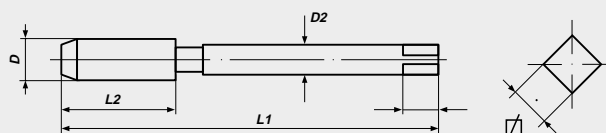
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- Materiali truciolo lungo
- per fori ciechi





**Machine Taps, *with undersize***

metric ISO-thread DIN 13

**Maschi a macchina, *accoppiamento fine***

filettatura metrica ISO DIN 13



**DIN 371/376**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO1/4H**

**M**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
4H	DIN 371					
M 3 x 0.5	56	6	3.5	2.7	32652	9,70
M 4 x 0.7	63	7	4.5	3.4	32654	9,70
M 5 x 0.8	70	8	6.0	4.9	32656	10,40
M 6 x 1.0	80	10	6.0	4.9	32658	10,40
M 8 x 1.25	90	14	8.0	6.2	32660	13,40
M 10 x 1.5	100	16	10.0	8.0	32662	15,80
	DIN 376					
M 12 x 1.75	110	18	9.0	7.0	32664	17,00
M 14 x 2.0	110	20	11.0	9.0	32665	24,20
M 16 x 2.0	110	22	12.0	9.0	32666	25,20

**Application:**

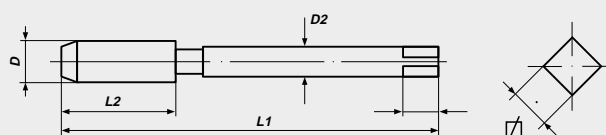
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for blind holes

**Applicazione:**

**per uso universale**

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- Materiali truciolo lungo
- per fori ciechi





## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 4 x 0.35	63	10	2.8	2.1	39402	10,90
M 5 x 0.5	70	12	3.5	2.7	39404	10,90
M 6 x 0.75	80	14	4.5	3.4	39407	10,90
M 8 x 0.75	80	19	6.0	4.9	39410	10,90
M 8 x 1.0	90	22	6.0	4.9	39411	10,90
M 10 x 1.0	90	20	7.0	5.5	39415	13,10
M 10 x 1.25	100	24	7.0	5.5	39416	13,10
M 12 x 1.0	100	22	9.0	7.0	39420	17,00
M 12 x 1.25	100	22	9.0	7.0	39421	17,50
M 12 x 1.5	100	22	9.0	7.0	39422	17,00
M 14 x 1.0	100	22	11.0	9.0	39426	21,10
M 14 x 1.25	100	22	11.0	9.0	39427	21,10
M 14 x 1.5	100	22	11.0	9.0	39428	21,10
M 16 x 1.0	100	22	12.0	9.0	39431	25,00
M 16 x 1.5	100	22	12.0	9.0	39433	25,00
M 18 x 1.0	110	25	14.0	11.0	39434	29,70
M 18 x 1.5	110	25	14.0	11.0	39436	29,70
M 18 x 2.0	125	34	14.0	11.0	39437	29,70
M 20 x 1.0	125	25	16.0	12.0	39438	32,30
M 20 x 1.25	125	25	16.0	12.0	39439	32,30
M 20 x 1.5	125	25	16.0	12.0	39440	32,30
M 20 x 2.0	140	34	16.0	12.0	39441	32,30
M 22 x 1.0	125	25	18.0	14.5	39443	41,00
M 22 x 1.5	125	25	18.0	14.5	39445	41,00
M 22 x 2.0	140	34	18.0	14.5	39446	41,00
M 24 x 1.0	140	28	18.0	14.5	39448	48,00
M 24 x 1.5	140	28	18.0	14.5	39450	48,00
M 24 x 2.0	140	28	18.0	14.5	39451	48,00
M 25 x 1.0	140	28	18.0	14.5	39452	48,00
M 26 x 1.5	140	28	18.0	14.5	39454	48,00
M 27 x 1.5	140	28	20.0	16.0	39456	60,00
M 27 x 2.0	140	28	20.0	16.0	39457	60,00
M 28 x 1.5	140	28	20.0	16.0	39459	60,00
M 30 x 1.5	150	28	22.0	18.0	39463	69,00
M 30 x 2.0	150	28	22.0	18.0	39464	69,00
M 32 x 1.5	150	28	22.0	18.0	39466	88,00
M 32 x 2.0	150	28	22.0	18.0	39467	88,00
M 33 x 2.0	160	30	25.0	20.0	39468	88,00
M 35 x 1.5	170	30	28.0	22.0	39472	88,00
M 36 x 1.5	170	30	28.0	22.0	39473	110,00
M 36 x 2.0	170	30	28.0	22.0	39474	110,00
M 38 x 1.5	170	30	28.0	22.0	39476	118,00
M 40 x 1.5	170	30	32.0	24.0	39480	128,00
M 42 x 1.5	170	30	32.0	24.0	39483	142,00
M 45 x 1.5	180	32	36.0	29.0	39486	166,00
M 48 x 1.5	190	32	36.0	29.0	39489	202,00
M 50 x 1.5	190	32	36.0	29.0	39494	233,00
M 52 x 1.5	190	32	40.0	32.0	39497	256,00



## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.35	56	9	2.2	-	39501	12,20
M 4 x 0.35	63	10	2.8	2.1	39502	12,20
M 4 x 0.5	63	10	2.8	2.1	39503	12,20
M 5 x 0.5	70	12	3.5	2.7	39504	12,20
M 5 x 0.75	70	12	3.5	2.7	39505	12,20
M 6 x 0.5	80	14	4.5	3.4	39506	12,20
M 6 x 0.75	80	14	4.5	3.4	39507	12,20
M 7 x 0.75	80	14	5.5	4.3	39508	12,20
M 8 x 0.5	80	19	6.0	4.9	39509	12,20
M 8 x 0.75	80	19	6.0	4.9	39510	12,20
M 8 x 1.0	90	22	6.0	4.9	39511	12,20
M 9 x 0.75	80	19	7.0	5.5	39512	12,20
M 9 x 1.0	90	22	7.0	5.5	39513	12,20
M 10 x 0.75	90	20	7.0	5.5	39514	14,10
M 10 x 1.0	90	20	7.0	5.5	39515	14,10
M 10 x 1.25	100	24	7.0	5.5	39516	14,10
M 11 x 1.0	90	20	8.0	6.2	39517	19,40
M 11 x 1.25	90	22	8.0	6.2	39518	19,40
M 12 x 0.75	100	22	9.0	7.0	39519	19,40
M 12 x 1.0	100	22	9.0	7.0	39520	19,40
M 12 x 1.25	100	22	9.0	7.0	39521	19,40
M 12 x 1.5	100	22	9.0	7.0	39522	19,40
M 13 x 1.0	100	22	11.0	9.0	39523	25,00
M 13 x 1.5	100	22	11.0	9.0	39524	25,00
M 14 x 0.75	100	22	11.0	9.0	39525	25,00
M 14 x 1.0	100	22	11.0	9.0	39526	25,00
M 14 x 1.25	100	22	11.0	9.0	39527	25,00
M 14 x 1.5	100	22	11.0	9.0	39528	25,00
M 15 x 1.0	100	22	12.0	9.0	39529	27,50
M 15 x 1.5	100	22	12.0	9.0	39530	27,50
M 16 x 1.0	100	22	12.0	9.0	39531	28,00
M 16 x 1.25	100	22	12.0	9.0	39532	28,00
M 16 x 1.5	100	22	12.0	9.0	39533	28,00
M 18 x 1.0	110	25	14.0	11.0	39534	34,00
M 18 x 1.25	110	25	14.0	11.0	39535	34,00
M 18 x 1.5	110	25	14.0	11.0	39536	34,00
M 18 x 2.0	125	34	14.0	11.0	39537	34,00



### Application:

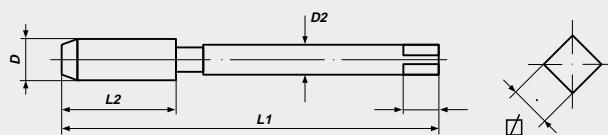
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	€
M 20 x 1.0	125	25	16.0	12.0	39538	38,00
M 20 x 1.25	125	25	16.0	12.0	39539	38,00
M 20 x 1.5	125	25	16.0	12.0	39540	38,00
M 20 x 2.0	140	34	16.0	12.0	39541	38,00
M 21 x 1.5	125	25	16.0	12.0	39542	38,00
M 22 x 1.0	125	25	18.0	14.5	39543	46,00
M 22 x 1.25	125	25	18.0	14.5	39544	46,00
M 22 x 1.5	125	25	18.0	14.5	39545	46,00
M 22 x 2.0	140	34	18.0	14.5	39546	46,00
M 23 x 1.5	125	25	18.0	14.5	39547	54,00
M 24 x 1.0	140	28	18.0	14.5	39548	54,00
M 24 x 1.25	140	28	18.0	14.5	39549	54,00
M 24 x 1.5	140	28	18.0	14.5	39550	54,00
M 24 x 2.0	140	28	18.0	14.5	39551	54,00
M 25 x 1.0	140	28	18.0	14.5	39552	57,00
M 25 x 1.5	140	28	18.0	14.5	39553	57,00
M 26 x 1.0	140	28	18.0	14.5	3955X	57,00
M 26 x 1.5	140	28	18.0	14.5	39554	57,00
M 26 x 2.0	140	28	18.0	14.5	39555	57,00
M 27 x 1.0	140	28	20.0	16.0	39500	68,00
M 27 x 1.5	140	28	20.0	16.0	39556	68,00
M 27 x 2.0	140	28	20.0	16.0	39557	68,00
M 28 x 1.0	140	28	20.0	16.0	39558	68,00
M 28 x 1.5	140	28	20.0	16.0	39559	68,00
M 28 x 2.0	140	28	20.0	16.0	39560	68,00
M 29 x 1.5	150	28	22.0	18.0	39561	77,00
M 30 x 1.0	150	28	22.0	18.0	39562	77,00
M 30 x 1.5	150	28	22.0	18.0	39563	77,00
M 30 x 2.0	150	28	22.0	18.0	39564	77,00
M 30 x 2.5	180	45	22.0	18.0	3956X	77,00
M 30 x 3.0	180	45	22.0	18.0	39565	77,00
M 32 x 1.5	150	28	22.0	18.0	39566	94,00
M 32 x 2.0	150	28	22.0	18.0	39567	94,00
M 32 x 3.0	180	50	22.0	18.0	39592	94,00
M 33 x 1.5	160	30	25.0	20.0	39593	94,00
M 33 x 2.0	160	30	25.0	20.0	39568	94,00
M 33 x 3.0	180	50	25.0	20.0	39569	94,00



### Application:

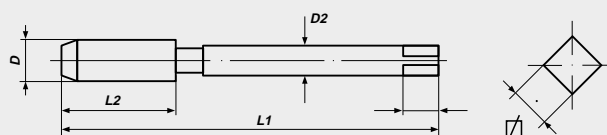
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 34 x 1.5	170	30	28.0	22.0	39570	94,00
M 34 x 2.0	170	30	28.0	22.0	39571	94,00
M 35 x 1.5	170	30	28.0	22.0	39572	94,00
M 36 x 1.5	170	30	28.0	22.0	39573	118,00
M 36 x 2.0	170	30	28.0	22.0	39574	118,00
M 36 x 3.0	200	56	28.0	22.0	39575	118,00
M 38 x 1.5	170	30	28.0	22.0	39576	125,00
M 39 x 1.5	170	30	32.0	24.0	39577	125,00
M 39 x 2.0	170	30	32.0	24.0	39578	125,00
M 39 x 3.0	200	60	32.0	24.0	39579	125,00
M 40 x 1.5	170	30	32.0	24.0	39580	138,00
M 40 x 2.0	170	30	32.0	24.0	39581	138,00
M 40 x 3.0	200	60	32.0	24.0	39582	138,00
M 42 x 1.5	170	30	32.0	24.0	39583	156,00
M 42 x 2.0	170	30	32.0	24.0	39584	156,00
M 42 x 3.0	200	60	32.0	24.0	39585	156,00
M 45 x 1.5	180	32	36.0	29.0	39586	182,00
M 45 x 2.0	180	32	36.0	29.0	39587	182,00
M 45 x 3.0	200	50	36.0	29.0	39588	182,00
M 48 x 1.5	190	32	36.0	29.0	39589	218,00
M 48 x 2.0	190	32	36.0	29.0	39590	218,00
M 48 x 3.0	225	50	36.0	29.0	39591	218,00
M 50 x 1.5	190	32	36.0	29.0	39594	256,00
M 50 x 2.0	190	32	36.0	29.0	39595	256,00
M 50 x 3.0	225	50	36.0	29.0	39596	256,00
M 52 x 1.5	190	32	40.0	32.0	39597	280,00
M 52 x 2.0	190	32	40.0	32.0	39598	280,00
M 52 x 3.0	225	50	40.0	32.0	39599	280,00
M 63 x 1.5	275	50	50.0	39.0	3959X	498,00

### Application:

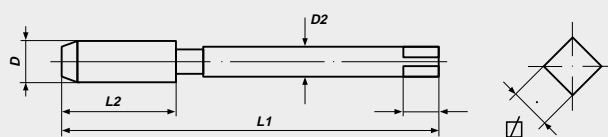
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.35	56	5	2.2	-	39701	13,80
M 4 x 0.35	63	5	2.8	2.1	39702	13,80
M 4 x 0.5	63	5	2.8	2.1	39703	13,80
M 5 x 0.5	70	5	3.5	2.7	39704	13,80
M 5 x 0.75	70	8	3.5	2.7	39705	13,80
M 6 x 0.5	80	5	4.5	3.4	39706	13,80
M 6 x 0.75	80	8	4.5	3.4	39707	13,80
M 7 x 0.75	80	8	5.5	4.3	39708	13,80
M 8 x 0.5	80	8	6.0	4.9	39709	13,80
M 8 x 0.75	80	8	6.0	4.9	39710	13,80
M 8 x 1.0	90	10	6.0	4.9	39711	13,80
M 9 x 0.75	80	10	7.0	5.5	39712	13,80
M 9 x 1.0	90	10	7.0	5.5	39713	13,80
M 10 x 0.75	90	10	7.0	5.5	39714	16,30
M 10 x 1.0	90	10	7.0	5.5	39715	16,30
M 10 x 1.25	100	16	7.0	5.5	39716	16,30
M 11 x 1.0	90	11	8.0	6.2	39717	21,00
M 11 x 1.25	90	14	8.0	6.2	39718	21,00
M 12 x 0.75	100	10	9.0	7.0	39719	21,00
M 12 x 1.0	100	11	9.0	7.0	39720	21,00
M 12 x 1.25	100	15	9.0	7.0	39721	21,00
M 12 x 1.5	100	15	9.0	7.0	39722	21,00
M 13 x 1.0	100	11	11.0	9.0	39723	25,70
M 13 x 1.5	100	15	11.0	9.0	39724	25,70
M 14 x 0.75	100	10	11.0	9.0	39725	25,70
M 14 x 1.0	100	11	11.0	9.0	39726	25,70
M 14 x 1.25	100	15	11.0	9.0	39727	25,70
M 14 x 1.5	100	15	11.0	9.0	39728	25,70
M 15 x 1.0	100	12	12.0	9.0	39729	29,80
M 15 x 1.5	100	15	12.0	9.0	39730	29,80
M 16 x 1.0	100	12	12.0	9.0	39731	29,80
M 16 x 1.25	100	15	12.0	9.0	39732	29,80
M 16 x 1.5	100	15	12.0	9.0	39733	29,80
M 18 x 1.0	110	13	14.0	11.0	39734	37,90
M 18 x 1.25	110	15	14.0	11.0	39735	37,90
M 18 x 1.5	110	17	14.0	11.0	39736	37,90
M 18 x 2.0	125	20	14.0	11.0	39737	37,90

### Application:

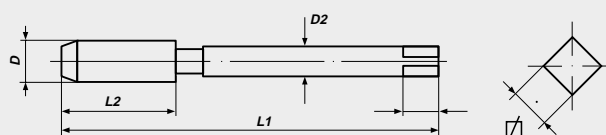
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	€
M 20 x 1.0	125	14	16.0	12.0	39738	42,00
M 20 x 1.25	125	17	16.0	12.0	39739	42,00
M 20 x 1.5	125	17	16.0	12.0	39740	42,00
M 20 x 2.0	140	20	16.0	12.0	39741	42,00
M 21 x 1.5	125	17	16.0	12.0	39742	42,00
M 22 x 1.0	125	14	18.0	14.5	39743	51,00
M 22 x 1.25	125	17	18.0	14.5	39744	51,00
M 22 x 1.5	125	17	18.0	14.5	39745	51,00
M 22 x 2.0	140	20	18.0	14.5	39746	51,00
M 23 x 1.5	125	17	18.0	14.5	39747	61,00
M 24 x 1.0	140	15	18.0	14.5	39748	61,00
M 24 x 1.25	140	17	18.0	14.5	39749	61,00
M 24 x 1.5	140	20	18.0	14.5	39750	61,00
M 24 x 2.0	140	20	18.0	14.5	39751	61,00
M 25 x 1.0	140	15	18.0	14.5	39752	64,00
M 25 x 1.5	140	20	18.0	14.5	39753	64,00
M 26 x 1.0	140	15	18.0	14.5	3975X	64,00
M 26 x 1.5	140	20	18.0	14.5	39754	64,00
M 26 x 2.0	140	20	18.0	14.5	39755	64,00
M 27 x 1.0	140	15	20.0	16.0	39700	74,00
M 27 x 1.5	140	20	20.0	16.0	39756	73,00
M 27 x 2.0	140	20	20.0	16.0	39757	73,00
M 28 x 1.0	140	15	20.0	16.0	39758	73,00
M 28 x 1.5	140	20	20.0	16.0	39759	73,00
M 28 x 2.0	140	20	20.0	16.0	39760	73,00
M 29 x 1.5	150	22	22.0	18.0	39761	84,00
M 30 x 1.0	150	17	22.0	18.0	39762	84,00
M 30 x 1.5	150	22	22.0	18.0	39763	84,00
M 30 x 2.0	150	22	22.0	18.0	39764	84,00
M 30 x 2.5	180	27	22.0	18.0	3976X	84,00
M 30 x 3.0	180	30	22.0	18.0	39765	84,00
M 32 x 1.5	150	22	22.0	18.0	39766	104,00
M 32 x 2.0	150	22	22.0	18.0	39767	104,00
M 32 x 3.0	180	30	22.0	18.0	39792	104,00
M 33 x 1.5	160	24	25.0	20.0	39793	104,00
M 33 x 2.0	160	24	25.0	20.0	39768	104,00
M 33 x 3.0	180	30	25.0	20.0	39769	104,00



### Application:

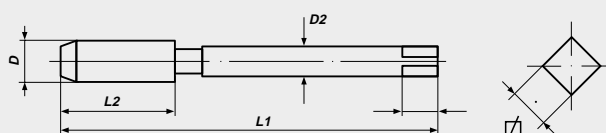
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi







## Machine Taps

metric-fine ISO-thread DIN 13

## Maschi a macchina

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 34 x 1.5	170	24	28.0	22.0	39770	104,00
M 34 x 2.0	170	24	28.0	22.0	39771	104,00
M 35 x 1.5	170	24	28.0	22.0	39772	104,00
M 36 x 1.5	170	24	28.0	22.0	39773	132,00
M 36 x 2.0	170	24	28.0	22.0	39774	132,00
M 36 x 3.0	200	30	28.0	22.0	39775	132,00
M 38 x 1.5	170	24	28.0	22.0	39776	139,00
M 39 x 1.5	170	25	32.0	24.0	39777	139,00
M 39 x 2.0	170	25	32.0	24.0	39778	139,00
M 39 x 3.0	200	30	32.0	24.0	39779	139,00
M 40 x 1.5	170	25	32.0	24.0	39780	154,00
M 40 x 2.0	170	25	32.0	24.0	39781	154,00
M 40 x 3.0	200	30	32.0	24.0	39782	154,00
M 42 x 1.5	170	25	32.0	24.0	39783	172,00
M 42 x 2.0	170	25	32.0	24.0	39784	172,00
M 42 x 3.0	200	30	32.0	24.0	39785	172,00
M 45 x 1.5	180	27	36.0	29.0	39786	201,00
M 45 x 2.0	180	27	36.0	29.0	39787	201,00
M 45 x 3.0	200	30	36.0	29.0	39788	201,00
M 48 x 1.5	190	27	36.0	29.0	39789	240,00
M 48 x 2.0	190	27	36.0	29.0	39790	240,00
M 48 x 3.0	225	33	36.0	29.0	39791	240,00
M 50 x 1.5	190	27	36.0	29.0	39794	280,00
M 50 x 2.0	190	27	36.0	29.0	39795	280,00
M 50 x 3.0	225	33	36.0	29.0	39796	280,00
M 52 x 1.5	190	27	40.0	32.0	39797	310,00
M 52 x 2.0	190	27	40.0	32.0	39798	310,00
M 52 x 3.0	225	33	40.0	32.0	39799	310,00
M 63 x 1.5	275	40	50.0	39.0	3979X	530,00

### Application:

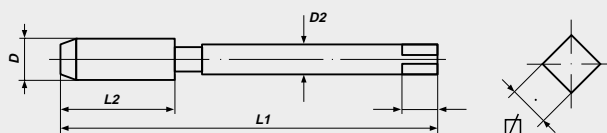
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Withworth-thread BS 84

## Maschi a macchina

filettatura Whitworth BS 84

DIN 371

DIN 376



≈ DIN 371/376

Form B

HSS-E

Tol. med.

**BSW**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
≈ DIN 371						
BSW 1/8 x 40	56	11	3.5	2.7	70506	8,60
BSW 5/32 x 32	63	13	4.5	3.4	70508	8,60
BSW 3/16 x 24	70	15	6.0	4.9	70510	8,60
BSW 1/4 x 20	80	17	7.0	5.5	70514	8,60
BSW 5/16 x 18	90	20	8.0	6.2	70516	10,90
BSW 3/8 x 16	100	22	9.0	7.0	70518	12,20
BSW 7/16 x 14	100	22	11.0	9.0	70520	14,50
BSW 1/2 x 12	110	25	12.0	9.0	70522	14,50
≈ DIN 376						
BSW 1/4 x 20	80	17	4.5	3.4	71514	8,60
BSW 5/16 x 18	90	20	6.0	4.9	71516	10,90
BSW 3/8 x 16	100	22	7.0	5.5	71518	12,20
BSW 7/16 x 14	100	22	8.0	6.2	71520	14,50
BSW 1/2 x 12	110	25	9.0	7.0	71522	14,50
BSW 9/16 x 12	110	26	11.0	9.0	71524	22,10
BSW 5/8 x 11	110	27	12.0	9.0	71526	22,10
BSW 3/4 x 10	125	30	14.0	11.0	71530	43,00
BSW 7/8 x 9	140	32	18.0	14.5	71534	52,00
BSW 1" x 8	160	36	20.0	16.0	71538	59,00
BSW 1.1/4 x 7	180	40	22.0	18.0	71546	82,50
BSW 1.3/8 x 6	200	50	28.0	22.0	71550	172,00
BSW 1.1/2 x 6	200	50	32.0	24.0	71554	172,00

### Application:

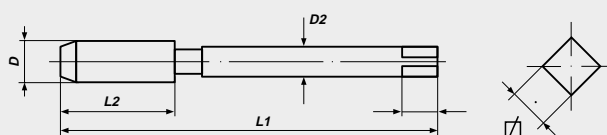
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





**Machine Taps**  
Withworth-thread BS 84

**Maschi a macchina**  
filettatura Whitworth BS 84

DIN 371

DIN 376



≈ **DIN 371/376**

**Form C/35° RSP**

**HSS-E**

**Tol. med.**

**BSW**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>≈ DIN 371</b>						
BSW 1/8 x 40	56	7	3.5	2.7	70706	10,70
BSW 5/32 x 32	63	7	4.5	3.4	70708	10,70
BSW 3/16 x 24	70	10	6.0	4.9	70710	10,70
BSW 1/4 x 20	80	13	7.0	5.5	70714	10,70
BSW 5/16 x 18	90	14	8.0	6.2	70716	13,40
BSW 3/8 x 16	100	16	9.0	7.0	70718	14,70
BSW 7/16 x 14	100	17	11.0	9.0	70720	18,10
BSW 1/2 x 12	110	20	12.0	9.0	70722	18,10
<b>≈ DIN 376</b>						
BSW 1/4 x 20	80	13	4.5	3.4	71714	10,70
BSW 5/16 x 18	90	14	6.0	4.9	71716	13,40
BSW 3/8 x 16	100	16	7.0	5.5	71718	14,70
BSW 7/16 x 14	100	17	8.0	6.2	71720	18,10
BSW 1/2 x 12	110	20	9.0	7.0	71722	18,10
BSW 9/16 x 12	110	20	11.0	9.0	71724	26,70
BSW 5/8 x 11	110	22	12.0	9.0	71726	26,70
BSW 3/4 x 10	125	25	14.0	11.0	71730	53,20
BSW 7/8 x 9	140	27	18.0	14.5	71734	65,00
BSW 1" x 8	160	30	20.0	16.0	71738	73,00
BSW 1.1/4 x 7	180	35	22.0	18.0	71746	93,00
BSW 1.3/8 x 6	200	40	28.0	22.0	71750	203,00
BSW 1.1/2 x 6	200	40	32.0	24.0	71754	203,00

**Application:**

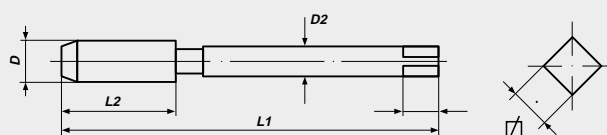
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**Applicazione:**

**per uso universale**

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Unified Coarse thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie grossa ANSI B1.1

DIN 371

DIN 376



≈ **DIN 371/376**

**Form B**

**HSS-E**

**Tol. 2B**

**UNC**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>≈ DIN 371</b>						
UNC No. 4 x 40	50	10	3.5	2.7	74504	8,60
UNC No. 5 x 40	56	11	3.5	2.7	74505	8,60
UNC No. 6 x 32	56	12	4.0	3.0	74506	8,60
UNC No. 8 x 32	63	13	4.5	3.4	74508	8,60
UNC No. 10 x 24	70	15	6.0	4.9	74510	8,60
UNC No. 12 x 24	70	16	6.0	4.9	74512	8,60
UNC 1/4 x 20	80	17	7.0	5.5	74514	8,60
UNC 5/16 x 18	90	20	8.0	6.2	74516	10,90
UNC 3/8 x 16	100	22	9.0	7.0	74518	12,20
<b>≈ DIN 376</b>						
UNC No. 4 x 40	50	10	1.8	-	75504	8,60
UNC No. 5 x 40	56	11	2.2	1.8	75505	8,60
UNC No. 6 x 32	56	12	2.5	2.1	75506	8,60
UNC No. 8 x 32	63	13	2.8	2.1	75508	8,60
UNC No. 10 x 24	70	15	3.5	2.7	75510	8,60
UNC No. 12 x 24	70	16	3.5	2.7	75512	8,60
UNC 1/4 x 20	80	17	4.5	3.4	75514	8,60
UNC 5/16 x 18	90	20	6.0	4.9	75516	10,90
UNC 3/8 x 16	100	22	7.0	5.5	75518	12,20
UNC 7/16 x 14	100	22	8.0	6.2	75520	14,50
UNC 1/2 x 13	110	25	9.0	7.0	75522	14,50
UNC 9/16 x 12	110	26	11.0	9.0	75524	22,10
UNC 5/8 x 11	110	27	12.0	9.0	75526	22,10
UNC 3/4 x 10	125	30	14.0	11.0	75530	43,00
UNC 7/8 x 9	140	32	18.0	14.5	75534	52,00
UNC 1" x 8	160	36	20.0	16.0	75538	59,00
UNC 1.1/4 x 7	180	40	22.0	18.0	75546	82,50
UNC 1.1/2 x 6	200	50	32.0	24.0	75554	172,00
UNC 1.3/4 x 5	220	65	36.0	29.0	75562	295,00
UNC 2" x 4.1/2	250	70	40.0	32.0	75570	426,00

### Application:

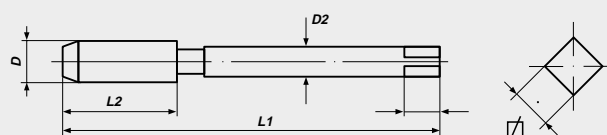
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

Unified Coarse thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie grossa ANSI B1.1

DIN 371

DIN 376



≈ **DIN 371/376**

**Form C/35° RSP**

**HSS-E**

**Tol. 2B**

**UNC**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
≈ <b>DIN 371</b>						
UNC No. 4 x 40	50	6	3.5	2.7	74704	10,70
UNC No. 5 x 40	56	7	3.5	2.7	74705	10,70
UNC No. 6 x 32	56	7	4.0	3.0	74706	10,70
UNC No. 8 x 32	63	8	4.5	3.4	74708	10,70
UNC No. 10 x 24	70	10	6.0	4.9	74710	10,70
UNC No. 12 x 24	70	10	6.0	4.9	74712	10,70
UNC 1/4 x 20	80	13	7.0	5.5	74714	10,70
UNC 5/16 x 18	90	14	8.0	6.2	74716	13,40
UNC 3/8 x 16	100	16	9.0	7.0	74718	14,70
≈ <b>DIN 376</b>						
UNC No. 4 x 40	50	6	1.8	-	75704	10,70
UNC No. 5 x 40	56	7	2.2	1.8	75705	10,70
UNC No. 6 x 32	56	7	2.5	2.1	75706	10,70
UNC No. 8 x 32	63	8	2.8	2.1	75708	10,70
UNC No. 10 x 24	70	10	3.5	2.7	75710	10,70
UNC No. 12 x 24	70	10	3.5	2.7	75712	10,70
UNC 1/4 x 20	80	13	4.5	3.4	75714	10,70
UNC 5/16 x 18	90	14	6.0	4.9	75716	13,40
UNC 3/8 x 16	100	16	7.0	5.5	75718	14,70
UNC 7/16 x 14	100	17	8.0	6.2	75720	18,10
UNC 1/2 x 13	110	20	9.0	7.0	75722	18,10
UNC 9/16 x 12	110	20	11.0	9.0	75724	26,70
UNC 5/8 x 11	110	22	12.0	9.0	75726	26,70
UNC 3/4 x 10	125	25	14.0	11.0	75730	53,20
UNC 7/8 x 9	140	27	18.0	14.5	75734	65,00
UNC 1" x 8	160	30	20.0	16.0	75738	73,00
UNC 1.1/4 x 7	180	35	22.0	18.0	75746	93,00
UNC 1.1/2 x 6	200	40	32.0	24.0	75754	203,00
UNC 1.3/4 x 5	220	45	36.0	29.0	75762	320,00
UNC 2" x 4.1/2	250	50	40.0	32.0	75770	454,00

### Application:

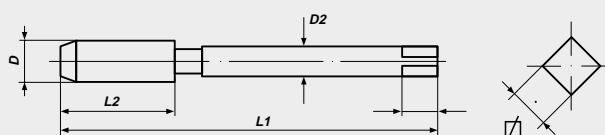
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Unified Fine thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie fina ANSI B1.1

DIN 371

DIN 376



≈ DIN 371/376

Form B

HSS-E

Tol. 2B

**UNF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
≈ <b>DIN 371</b>						
UNF No. 4 x 48	50	10	3.5	2.7	76504	8,60
UNF No. 5 x 44	56	11	3.5	2.7	76505	8,60
UNF No. 6 x 40	56	12	4.0	3.0	76506	8,60
UNF No. 8 x 36	63	13	4.5	3.4	76508	8,60
UNF No. 10 x 32	70	15	6.0	4.9	76510	8,60
UNF No. 12 x 28	70	16	6.0	4.9	76512	8,60
UNF 1/4 x 28	80	17	7.0	5.5	76514	8,60
UNF 5/16 x 24	90	17	8.0	6.2	76516	10,90
UNF 3/8 x 24	100	18	9.0	7.0	76518	12,20
≈ <b>DIN 376</b>						
UNF 7/16 x 20	100	22	8.0	6.2	77520	14,50
UNF 1/2 x 20	100	22	9.0	7.0	77522	14,50
UNF 9/16 x 18	100	22	11.0	9.0	77524	22,10
UNF 5/8 x 18	100	22	12.0	9.0	77526	22,10
UNF 3/4 x 16	110	25	14.0	11.0	77530	43,00
UNF 7/8 x 14	140	26	18.0	14.5	77534	52,00
UNF 1" x 14	150	28	20.0	16.0	77540	59,00
UNF 1" x 12	150	28	20.0	16.0	77538	59,00
UNF 1.1/4 x 12	150	30	22.0	18.0	77546	82,50
UNF 1.1/2 x 12	170	33	32.0	24.0	77554	172,00

### Application:

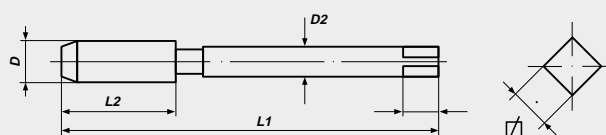
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps

Unified Fine thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie fina ANSI B1.1

DIN 371

DIN 376



≈ DIN 371/376

Form C/35° RSP

HSS-E

Tol. 2B

**UNF**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
≈ DIN 371						
UNF No. 4 x 48	50	6	3.5	2.7	76704	10,70
UNF No. 5 x 44	56	7	3.5	2.7	76705	10,70
UNF No. 6 x 40	56	7	4.0	3.0	76706	10,70
UNF No. 8 x 36	63	8	4.5	3.4	76708	10,70
UNF No. 10 x 32	70	10	6.0	4.9	76710	10,70
UNF No. 12 x 28	70	10	6.0	4.9	76712	10,70
UNF 1/4 x 28	80	10	7.0	5.5	76714	10,70
UNF 5/16 x 24	90	10	8.0	6.2	76716	13,40
UNF 3/8 x 24	100	10	9.0	7.0	76718	14,70
≈ DIN 376						
UNF 7/16 x 20	100	13	8.0	6.2	77720	18,10
UNF 1/2 x 20	100	13	9.0	7.0	77722	18,10
UNF 9/16 x 18	100	15	11.0	9.0	77724	26,70
UNF 5/8 x 18	100	15	12.0	9.0	77726	26,70
UNF 3/4 x 16	110	17	14.0	11.0	77730	53,20
UNF 7/8 x 14	140	17	18.0	14.5	77734	65,00
UNF 1" x 14	150	20	20.0	16.0	77740	73,00
UNF 1" x 12	150	20	20.0	16.0	77738	73,00
UNF 1.1/4 x 12	150	22	22.0	18.0	77746	93,00
UNF 1.1/2 x 12	170	25	32.0	24.0	77754	203,00

### Application:

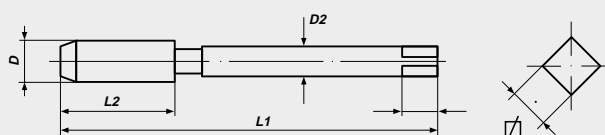
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Unified thread ANSI B 1.1

## Maschi a macchina

filettatura unificata ANSI B1.1



**ISO 529**

**Form B**

**HSS-E**

**Tol. 2B**

**UN**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>8-UN</b>						
UN 1.1/16 x 8	138	48	20.0	16.0	83101	61,00
UN 1.1/8 x 8	138	48	20.0	16.0	83102	61,00
UN 1.3/16 x 8	151	51	22.4	18.0	83103	71,40
UN 1.1/4 x 8	151	51	22.4	18.0	83104	71,40
UN 1.5/16 x 8	162	57	25.0	20.0	83105	90,00
UN 1.3/8 x 8	162	57	25.0	20.0	83106	90,00
UN 1.1/2 x 8	170	60	28.0	22.4	83107	116,00
UN 1.5/8 x 8	170	60	28.0	22.4	83108	137,00
UN 1.3/4 x 8	187	67	31.5	25.0	83109	160,00
UN 1.7/8 x 8	187	67	31.5	25.0	83110	242,00
UN 2" x 8	200	70	35.5	28.0	83111	242,00
UN 2.1/8 x 8	200	70	35.5	28.0	83112	480,00
UN 2.1/4 x 8	221	76	40.0	31.5	83113	480,00
UN 2.1/2 x 8	224	79	40.0	31.5	83115	700,00
UN 2.3/4 x 8	234	79	45.0	35.5	83116	770,00
UN 3" x 8	258	83	50.0	40.0	83117	865,00
UN 3.1/4 x 8	261	86	50.0	40.0	83118	865,00
UN 3.1/2 x 8	261	86	50.0	40.0	83119	1.020,00
UN 3.3/4 x 8	279	89	56.0	45.0	83120	1.250,00
UN 4" x 8	279	89	56.0	45.0	83121	1.250,00
<b>12-UN</b>						
UN 1.5/8 x 12	170	60	28.0	22.4	83301	137,00
UN 1.3/4 x 12	187	67	31.5	25.0	83302	160,00
UN 1.7/8 x 12	187	67	31.5	25.0	83303	242,00
UN 2" x 12	200	70	35.5	28.0	83304	242,00
UN 2.1/8 x 12	200	70	35.5	28.0	83305	480,00
UN 2.1/4 x 12	221	76	40.0	31.5	83306	480,00
UN 2.1/2 x 12	224	79	40.0	31.5	83308	700,00
UN 2.3/4 x 12	234	79	45.0	35.5	83309	770,00
UN 3" x 12	258	83	50.0	40.0	83310	865,00
UN 3.1/4 x 12	261	86	50.0	40.0	83311	865,00
UN 3.1/2 x 12	261	86	50.0	40.0	83312	1.020,00
UN 3.3/4 x 12	279	89	56.0	45.0	83313	1.250,00
UN 4" x 12	279	89	56.0	45.0	83314	1.250,00

### Application:

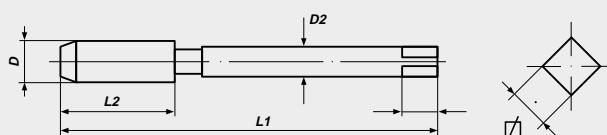
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti







## Machine Taps

Unified thread ANSI B 1.1

## Maschi a macchina

filettatura unificata ANSI B1.1



### ISO 529

### Form C/35° RSP

### HSS-E

### Tol. 2B

### UN

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>8-UN</b>						
UN 1.1/16 x 8	138	48	20.0	16.0	83151	77,00
UN 1.1/8 x 8	138	48	20.0	16.0	83152	77,00
UN 1.3/16 x 8	151	51	22.4	18.0	83153	90,00
UN 1.1/4 x 8	151	51	22.4	18.0	83154	90,00
UN 1.5/16 x 8	162	57	25.0	20.0	83155	112,00
UN 1.3/8 x 8	162	57	25.0	20.0	83156	112,00
UN 1.1/2 x 8	170	60	28.0	22.4	83157	145,00
UN 1.5/8 x 8	170	60	28.0	22.4	83158	170,00
UN 1.3/4 x 8	187	67	31.5	25.0	83159	198,00
UN 1.7/8 x 8	187	67	31.5	25.0	83160	305,00
UN 2" x 8	200	70	35.5	28.0	83161	305,00
UN 2.1/8 x 8	200	70	35.5	28.0	83162	602,00
UN 2.1/4 x 8	221	76	40.0	31.5	83163	602,00
UN 2.1/2 x 8	224	79	40.0	31.5	83165	875,00
UN 2.3/4 x 8	234	79	45.0	35.5	83166	970,00
UN 3" x 8	258	83	50.0	40.0	83167	1.080,00
UN 3.1/4 x 8	261	86	50.0	40.0	83168	1.080,00
UN 3.1/2 x 8	261	86	50.0	40.0	83169	1.260,00
UN 3.3/4 x 8	279	89	56.0	45.0	83170	1.580,00
UN 4" x 8	279	89	56.0	45.0	83171	1.580,00
<b>12-UN</b>						
UN 1.5/8 x 12	170	60	28.0	22.4	83351	170,00
UN 1.3/4 x 12	187	67	31.5	25.0	83352	198,00
UN 1.7/8 x 12	187	67	31.5	25.0	83353	305,00
UN 2" x 12	200	70	35.5	28.0	83354	305,00
UN 2.1/8 x 12	200	70	35.5	28.0	83355	602,00
UN 2.1/4 x 12	221	76	40.0	31.5	83356	602,00
UN 2.1/2 x 12	224	79	40.0	31.5	83358	875,00
UN 2.3/4 x 12	234	79	45.0	35.5	83359	970,00
UN 3" x 12	258	83	50.0	40.0	83360	1.080,00
UN 3.1/4 x 12	261	86	50.0	40.0	83361	1.080,00
UN 3.1/2 x 12	261	86	50.0	40.0	83362	1.260,00
UN 3.3/4 x 12	279	89	56.0	45.0	83363	1.580,00
UN 4" x 12	279	89	56.0	45.0	83364	1.580,00

#### Application:

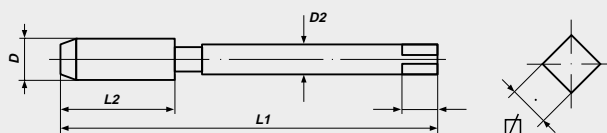
##### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

#### Applicazione:

##### per uso universale

- Materiali con buona truciocibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Unified Extra Fine thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie extra-fina ANSI B1.1



**ISO 529**

**Form B**

**HSS-E**

**Tol. 2B**

**UNEF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
UNEF Nr.12 x 32	62	17	5.6	4.5	83320	8,80
UNEF 1/4 x 32	66	19	6.3	5.0	83321	7,90
UNEF 5/16 x 32	72	22	8.0	6.3	83322	9,90
UNEF 3/8 x 32	80	24	10.0	8.0	83323	11,30
UNEF 7/16 x 28	85	25	8.0	6.3	83324	13,30
UNEF 1/2 x 28	89	29	9.0	7.1	83325	13,30
UNEF 9/16 x 24	95	30	11.2	9.0	83326	20,00
UNEF 5/8 x 24	102	32	12.5	10.0	83327	20,40
UNEF 11/16 x 24	112	37	14.0	11.2	83328	37,80
UNEF 3/4 x 20	112	37	14.0	11.2	83329	37,80
UNEF 13/16 x 20	118	38	16.0	12.5	83330	46,20
UNEF 7/8 x 20	118	38	16.0	12.5	83331	46,20
UNEF 15/16 x 20	130	45	18.0	14.0	83332	53,00
UNEF 1" x 20	130	45	18.0	14.0	83333	53,00
UNEF 1.1/16 x 18	138	48	20.0	16.0	83334	61,00
UNEF 1.1/8 x 18	138	48	20.0	16.0	83335	61,00
UNEF 1.3/16 x 18	151	51	22.4	18.0	83336	71,50
UNEF 1.1/4 x 18	151	51	22.4	18.0	83337	71,50
UNEF 1.5/16 x 18	162	57	25.0	20.0	83338	90,00
UNEF 1.3/8 x 18	162	57	25.0	20.0	83339	90,00
UNEF 1.7/16 x 18	170	60	28.0	22.4	83340	116,00
UNEF 1.1/2 x 18	170	60	28.0	22.4	83341	116,00
UNEF 1.9/16 x 18	170	60	28.0	22.4	83342	137,00
UNEF 1.5/8 x 18	170	60	28.0	22.4	83343	137,00
UNEF 1.11/16 x 18	187	67	31.5	25.0	83344	158,00
UNEF 1.3/4 x 18	187	67	31.5	25.0	83345	158,00
UNEF 2" x 18	200	70	35.5	28.0	83346	242,00

### Application:

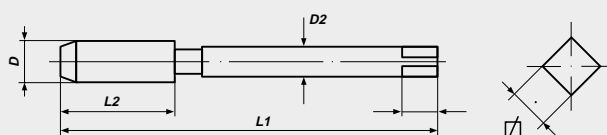
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Maschine Taps

Unified Extra Fine thread ANSI B 1.1

## Maschi a macchina

filettatura unificata, serie extra-fina ANSI B1.1



**ISO 529**

**Form C/35°RSP**

**HSS-E**

**Tol. 2B**

**UNEF**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
UNEF Nr. 12 x 32	62	17	5.6	4.5	83370	10,90
UNEF 1/4 x 32	66	19	6.3	5.0	83371	9,80
UNEF 5/16 x 32	72	22	8.0	6.3	83372	12,40
UNEF 3/8 x 32	80	24	10.0	8.0	83373	14,00
UNEF 7/16 x 28	85	25	8.0	6.3	83374	16,50
UNEF 1/2 x 28	89	29	9.0	7.1	83375	16,50
UNEF 9/16 x 24	95	30	11.2	9.0	83376	24,70
UNEF 5/8 x 24	102	32	12.5	10.0	83377	24,70
UNEF 11/16 x 24	112	37	14.0	11.2	83378	47,30
UNEF 3/4 x 20	112	37	14.0	11.2	83379	47,30
UNEF 13/16 x 20	118	38	16.0	12.5	83380	58,00
UNEF 7/8 x 20	118	38	16.0	12.5	83381	58,00
UNEF 15/16 x 20	130	45	18.0	14.0	83382	66,00
UNEF 1" x 20	130	45	18.0	14.0	83383	66,00

### Application:

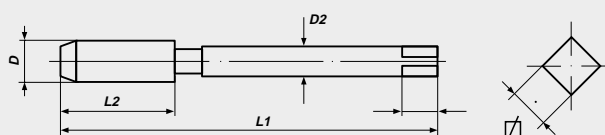
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps

Unified thread ANSI B 1.1

## Maschi a macchina

filettatura unificata ANSI B1.1



**ISO 529**

**Form B**

**HSS-E**

**Tol. 2B**

**UN**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>UNS</b>						
UNS 1/4 x 24	66	19	6.3	5.0	83201	7,90
UNS 1/4 x 36	66	19	6.3	5.0	83202	7,90
UNS 1/4 x 40	66	19	6.3	5.0	83203	7,90
UNS 3/8 x 27	80	24	10.0	8.0	83204	11,30
UNS 7/16 x 24	85	25	8.0	6.3	83205	13,30
UNS 1/2 x 24	89	29	9.0	7.1	83206	13,30
UNS 5/8 x 27	102	32	12.5	10.0	83207	20,40
UNS 3/4 x 24	112	37	14.0	11.2	83208	37,80
UNS 7/8 x 18	118	38	16.0	12.5	83209	46,20
UNS 1" x 14	130	45	18.0	14.0	83210	53,00

<b>UN</b>						
UN 5/16 x 20	72	22	8.0	6.3	83220	10,00
UN 5/16 x 28	72	22	8.0	6.3	83221	10,00
UN 3/8 x 20	80	24	10.0	8.0	83222	11,30
UN 3/8 x 28	80	24	10.0	8.0	83223	11,30
UN 7/16 x 32	85	25	8.0	6.3	83224	13,30
UN 1/2 x 32	89	29	9.0	7.1	83225	13,30
UN 9/16 x 20	95	30	11.2	9.0	83226	20,00
UN 9/16 x 28	95	30	11.2	9.0	83227	20,00
UN 9/16 x 32	95	30	11.2	9.0	83228	20,00
UN 5/8 x 20	102	32	12.5	10.0	83229	20,50
UN 5/8 x 28	102	32	12.5	10.0	83230	20,50
UN 11/16 x 20	112	37	14.0	11.2	83231	37,80
UN 11/16 x 16	112	37	14.0	11.2	83232	37,80
UN 1" x 32	130	45	18.0	14.0	83233	52,50

### Application:

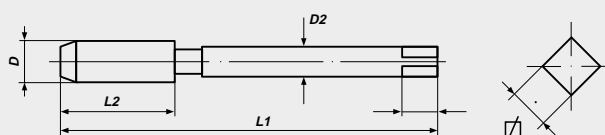
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

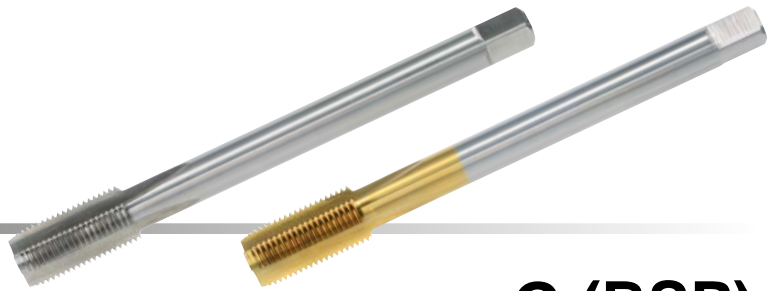
- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





**Machine Taps**  
Pipe-thread DIN ISO 228

**Maschi a macchina**  
filettatura per tubi gas DIN ISO 228



**DIN 5156 Form C HSS-E G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
G 1/8 x 28	90	20	7.0	5.5	78412	13,40
G 1/4 x 19	100	22	11.0	9.0	78414	16,50
G 3/8 x 19	100	22	12.0	9.0	78416	20,00
G 1/2 x 14	125	25	16.0	12.0	78418	29,40
G 5/8 x 14	125	25	18.0	14.5	78420	33,00
G 3/4 x 14	140	28	20.0	16.0	78422	43,60
G 7/8 x 14	150	28	22.0	18.0	78424	54,30
G 1" x 11	160	30	25.0	20.0	78426	63,00
G 1.1/8 x 11	170	30	28.0	22.0	78430	88,00
G 1.1/4 x 11	170	30	32.0	24.0	78434	120,00
G 1.3/8 x 11	180	32	36.0	29.0	78438	140,00
G 1.1/2 x 11	190	32	36.0	29.0	78442	166,00
G 1.3/4 x 11	190	32	40.0	32.0	78450	218,00
G 2" x 11	220	40	45.0	35.0	78454	230,00

**TIN**

G 1/8 x 28	90	20	7.0	5.5	78413	19,90
G 1/4 x 19	100	22	11.0	9.0	78415	27,50
G 3/8 x 19	100	22	12.0	9.0	78417	35,90
G 1/2 x 14	125	25	16.0	12.0	78419	61,40
G 3/4 x 14	140	28	20.0	16.0	78423	86,80
G 1" x 11	160	30	25.0	20.0	78427	129,00

**Application:  
for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**TIN-coating:**

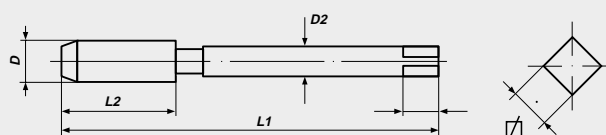
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

**Applicazione:  
per uso universale**

- Materiali con buona trucioidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi

**rivestimento TIN**

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





## Machine Taps

Pipe-thread DIN ISO 228

## Maschi a macchina

filettatura per tubi gas DIN ISO 228



**DIN 5156**

**Form B**

**HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
G 1/8 x 28	90	20	7.0	5.5	78512	14,00
G 1/4 x 19	100	22	11.0	9.0	78514	17,70
G 3/8 x 19	100	22	12.0	9.0	78516	21,00
G 1/2 x 14	125	25	16.0	12.0	78518	31,00
G 5/8 x 14	125	25	18.0	14.5	78520	36,00
G 3/4 x 14	140	28	20.0	16.0	78522	46,00
G 7/8 x 14	150	28	22.0	18.0	78524	58,00
G 1" x 11	160	30	25.0	20.0	78526	72,00
G 1.1/8 x 11	170	30	28.0	22.0	78530	106,00
G 1.1/4 x 11	170	30	32.0	24.0	78534	126,00
G 1.3/8 x 11	180	32	36.0	29.0	78538	167,00
G 1.1/2 x 11	190	32	36.0	29.0	78542	181,00
G 1.3/4 x 11	190	32	40.0	32.0	78550	262,00
G 2" x 11	220	40	45.0	35.0	78554	290,00

### TIN

G 1/8 x 28	90	20	7.0	5.5	78513	20,50
G 1/4 x 19	100	22	11.0	9.0	78515	28,70
G 3/8 x 19	100	22	12.0	9.0	78517	36,90
G 1/2 x 14	125	25	16.0	12.0	78519	63,00
G 3/4 x 14	140	28	20.0	16.0	78523	89,20
G 1" x 11	160	30	25.0	20.0	78527	138,00

#### Application: for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

#### TIN-coating:

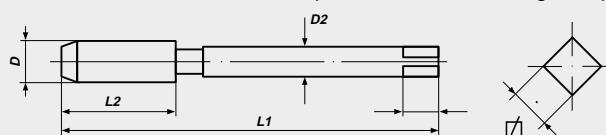
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

#### Applicazione: per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti

#### rivestimento TIN:

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





## Machine Taps

Pipe-thread DIN ISO 228

## Maschi a macchina

filettatura per tubi gas DIN ISO 228



**DIN 5156**

**Form C/35° RSP**

**HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
G 1/8 x 28	90	20	7.0	5.5	78712	15,40
G 1/4 x 19	100	22	11.0	9.0	78714	19,50
G 3/8 x 19	100	22	12.0	9.0	78716	25,00
G 1/2 x 14	125	25	16.0	12.0	78718	35,00
G 5/8 x 14	125	25	18.0	14.5	78720	41,00
G 3/4 x 14	140	28	20.0	16.0	78722	52,00
G 7/8 x 14	150	28	22.0	18.0	78724	64,00
G 1" x 11	160	30	25.0	20.0	78726	80,00
G 1.1/8 x 11	170	30	28.0	22.0	78730	117,00
G 1.1/4 x 11	170	30	32.0	24.0	78734	140,00
G 1.3/8 x 11	180	32	36.0	29.0	78738	184,00
G 1.1/2 x 11	190	32	36.0	29.0	78742	200,00
G 1.3/4 x 11	190	32	40.0	32.0	78750	288,00
G 2" x 11	220	40	45.0	35.0	78754	320,00

### TIN

G 1/8 x 28	90	20	7.0	5.5	78713	21,90
G 1/4 x 19	100	22	11.0	9.0	78715	30,50
G 3/8 x 19	100	22	12.0	9.0	78717	40,90
G 1/2 x 14	125	25	16.0	12.0	78719	67,00
G 3/4 x 14	140	28	20.0	16.0	78723	95,20
G 1" x 11	160	30	25.0	20.0	78727	146,00

#### Application: for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

#### TIN-coating:

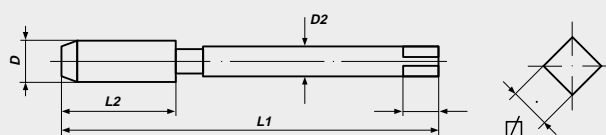
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

#### Applicazione: per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi

#### rivestimento TIN:

- migliore resistenza all' abrasione e alla rottura
- eccellente uniformità
- possibile velocità di taglio superiore





## Machine Taps

tapered pipe thread, taper 1:16, con. 55°

## Maschi a macchina

filettatura conica per tubi, cono 1:16



**DIN 5156**

**Form C**

**HSS-E**

**Rc (BSPT)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
Rc 1/8 x 28	90	20	7.0	5.5	73404	16,80
Rc 1/4 x 19	100	22	11.0	9.0	73406	21,00
Rc 3/8 x 19	100	22	12.0	9.0	73408	26,30
Rc 1/2 x 14	125	28	16.0	12.0	73410	37,00
Rc 3/4 x 14	140	28	20.0	16.0	73412	56,00
Rc 1" x 11	160	38	25.0	20.0	73414	80,00

### Application:

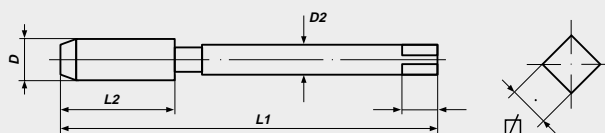
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi







## Machine Taps

american tapered pipe thread, taper 1:16

## Maschi a macchina

filettatura americana conica per tubi, cono 1:16



**Form C**

**HSS-E**

**NPT**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
NPT 1/16 x 27	90	20	6.0	4.9	73432	22,30
NPT 1/8 x 27	90	20	7.0	5.5	73434	16,80
NPT 1/4 x 18	100	22	11.0	9.0	73436	21,00
NPT 3/8 x 18	100	22	12.0	9.0	73438	26,30
NPT 1/2 x 14	125	28	16.0	12.0	73440	37,00
NPT 3/4 x 14	140	28	20.0	16.0	73442	56,00
NPT 1" x 11.5	160	38	25.0	20.0	73444	80,00

### Application:

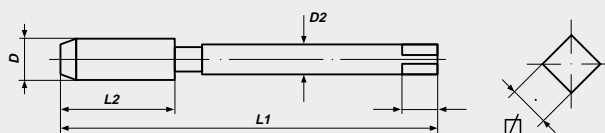
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps

Knuckle thread DIN 405

## Maschi a macchina

filettatura rotunda DIN 405



**DIN 374**

**Form C**

**HSS-E**

**Tol. 7H**

**Rd**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
Rd 8 x 1/10	90	26	6.0	4.9	79440	73,50
Rd 9 x 1/10	90	26	7.0	5.5	79441	73,50
Rd 10 x 1/10	100	28	7.0	5.5	79442	73,50
Rd 11 x 1/10	100	28	8.0	6.2	79443	90,00
Rd 12 x 1/10	110	28	9.0	7.0	79444	100,00
Rd 14 x 1/8	110	32	11.0	9.0	79445	126,00
Rd 16 x 1/8	110	32	12.0	9.0	79446	132,00
Rd 18 x 1/8	125	32	14.0	11.0	79447	158,00
Rd 20 x 1/8	140	32	16.0	12.0	79448	158,00
Rd 22 x 1/8	140	32	18.0	14.5	79449	205,00
Rd 24 x 1/8	160	34	18.0	14.5	79450	247,00
Rd 26 x 1/8	160	36	20.0	16.0	79451	289,00
Rd 28 x 1/8	160	36	20.0	16.0	79452	310,00
Rd 30 x 1/8	180	36	22.0	18.0	79453	326,00
Rd 32 x 1/8	180	36	25.0	20.0	79454	436,00
Rd 34 x 1/8	200	36	28.0	22.0	79455	495,00
Rd 36 x 1/8	200	36	28.0	22.0	79456	499,00
Rd 38 x 1/8	200	38	28.0	22.0	79457	578,00
Rd 40 x 1/6	200	50	32.0	24.0	79458	683,00
Rd 42 x 1/6	200	50	32.0	24.0	79459	788,00
Rd 44 x 1/6	200	50	36.0	29.0	79460	945,00

### Application:

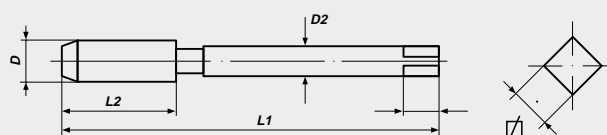
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps

Cycle thread DIN 79012

## Maschi a macchina

filettatura per biciclette DIN 79012



**DIN 374**

**Form C**

**HSS-E**

**Tol. medium**

**FG**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
FG 2 x 56	45	8	2.8	2.1	79401	80,00
FG 2.3 x 56	45	8	2.8	2.1	79402	80,00
FG 2.6 x 56	56	8	3.5	2.7	79403	80,00
FG 6.35 x 26	80	14	7.0	5.5	79404	70,00
FG 7.9 x 26	90	16	8.0	6.2	79405	75,00
FG 9.5 x 26	90	16	7.0	5.5	79406	75,00
FG 14.3 x 20	100	22	11.0	9.0	79407	80,00
FG 14.3 x 20 - LH	100	22	11.0	9.0	79408	90,00
FG 25.4 x 24	140	24	18.0	14.5	79409	130,00

### Application:

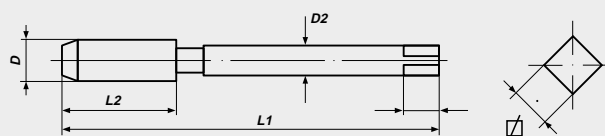
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps

Cycle thread BS 811

## Maschi a macchina

filettatura inglese per biciclette BS 811



**DIN 374**

**Form C**

**HSS-E**

**Tol. medium**

**BSC**

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	€
BSC 1/4 x 26	80	14	7.0	5.5	79420	70,00
BSC 5/16 x 26	90	16	8.0	6.2	79421	75,00
BSC 3/8 x 26	90	16	7.0	5.5	79422	80,00
BSC 9/16 x 20	100	22	11.0	9.0	79423	80,00
BSC 9/16 x 20 - LH	100	22	11.0	9.0	79424	90,00
BSC 1" x 24	140	24	18.0	14.5	79425	130,00

### Application:

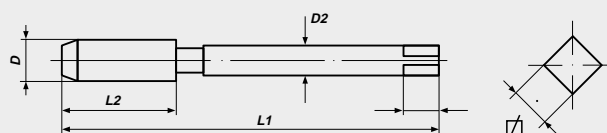
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps

Valve thread DIN 7756

## Maschi a macchina

filettatura per valvole DIN 7756



**DIN 374**

**Form C**

**HSS-E**

**Tol. medium**

**Vg**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
Vg 5 x 36	70	12	6.0	4.9	79430	65,00
Vg 5.2 x 24	80	17	6.0	4.9	79431	65,00
Vg 6 x 32	80	14	7.0	5.5	79432	72,50
Vg 8 x 32	80	16	8.0	6.2	79433	74,00
Vg 10 x 28	90	18	8.0	6.2	79434	80,00
Vg 12 x 26	100	22	9.0	7.0	79435	90,00

### Application:

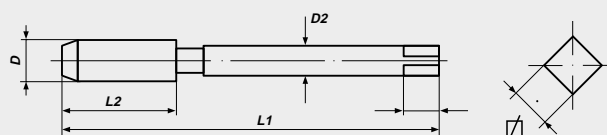
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form C**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 3 x 0.5	56	11	3.5	2.7	33426	9,70
M 4 x 0.7	63	13	4.5	3.4	33430	9,70
M 5 x 0.8	70	16	6.0	4.9	33434	10,10
M 6 x 1.0	80	19	6.0	4.9	33438	10,10
M 8 x 1.25	90	22	8.0	6.2	33442	12,10
M 10 x 1.5	100	24	10.0	8.0	33446	13,80
<b>DIN 376</b>						
M 12 x 1.75	110	29	9.0	7.0	34450	16,40
M 14 x 2.0	110	30	11.0	9.0	34454	24,30
M 16 x 2.0	110	32	12.0	9.0	34458	27,50
M 18 x 2.5	125	34	14.0	11.0	34462	37,50
M 20 x 2.5	140	34	16.0	12.0	34466	53,00
M 22 x 2.5	140	34	18.0	14.5	34470	55,30
M 24 x 3.0	160	38	18.0	14.5	34474	57,50

### Application:

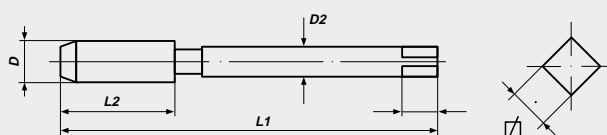
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 3 x 0.5	56	11	3.5	2.7	33526	11,00
M 4 x 0.7	63	13	4.5	3.4	33530	11,00
M 5 x 0.8	70	16	6.0	4.9	33534	11,50
M 6 x 1.0	80	19	6.0	4.9	33538	11,50
M 7 x 1.0	80	19	7.0	5.5	33540	14,90
M 8 x 1.25	90	22	8.0	6.2	33542	14,00
M 10 x 1.5	100	24	10.0	8.0	33546	15,80
<b>DIN 376</b>						
M 3 x 0.5	56	11	2.2	—	34526	11,00
M 4 x 0.7	63	13	2.8	2.1	34530	11,00
M 5 x 0.8	70	16	3.5	2.7	34534	11,50
M 6 x 1.0	80	19	4.5	3.4	34538	11,50
M 8 x 1.25	90	22	6.0	4.9	34542	14,00
M 10 x 1.5	100	24	7.0	5.5	34546	15,80
M 12 x 1.75	110	29	9.0	7.0	34550	19,90
M 14 x 2.0	110	30	11.0	9.0	34554	25,20
M 16 x 2.0	110	32	12.0	9.0	34558	29,20
M 18 x 2.5	125	34	14.0	11.0	34562	39,70
M 20 x 2.5	140	34	16.0	12.0	34566	56,20
M 22 x 2.5	140	34	18.0	14.5	34570	62,00
M 24 x 3.0	160	38	18.0	14.5	34574	67,00
M 27 x 3.0	160	38	20.0	16.0	34576	110,00
M 30 x 3.5	180	45	22.0	18.0	34578	115,00
M 33 x 3.5	180	50	25.0	20.0	34580	156,00
M 36 x 4.0	200	56	28.0	22.0	34582	261,00
M 39 x 4.0	200	60	32.0	24.0	34584	328,00
M 42 x 4.5	200	60	32.0	24.0	34586	390,00
M 45 x 4.5	220	65	36.0	29.0	34588	430,00
M 48 x 5.0	250	70	36.0	29.0	34590	475,00
M 52 x 5.0	250	70	40.0	32.0	34592	562,00

### Application:

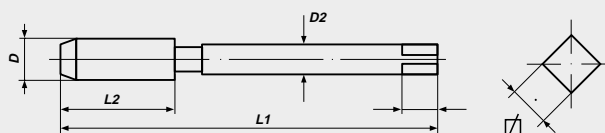
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica ISO DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form C/35°SP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
<b>DIN 371</b>						
M 3 x 0.5	56	6	3.5	2.7	33726	12,90
M 4 x 0.7	63	7	4.5	3.4	33730	12,90
M 5 x 0.8	70	8	6.0	4.9	33734	13,80
M 6 x 1.0	80	10	6.0	4.9	33738	13,80
M 8 x 1.25	90	14	8.0	6.2	33742	16,50
M 10 x 1.5	100	16	10.0	8.0	33746	18,80
<b>DIN 376</b>						
M 3 x 0.5	56	6	2.2	—	34726	12,90
M 4 x 0.7	63	7	2.8	2.1	34730	12,90
M 5 x 0.8	70	8	3.5	2.7	34734	13,80
M 6 x 1.0	80	10	4.5	3.4	34738	13,80
M 8 x 1.25	90	14	6.0	4.9	34742	16,50
M 10 x 1.5	100	16	7.0	5.5	34746	18,80
M 12 x 1.75	110	18	9.0	7.0	34750	21,40
M 14 x 2.0	110	20	11.0	9.0	34754	27,30
M 16 x 2.0	110	22	12.0	9.0	34758	31,50
M 18 x 2.5	125	25	14.0	11.0	34762	42,00
M 20 x 2.5	140	25	16.0	12.0	34766	60,00
M 22 x 2.5	140	27	18.0	14.5	34770	67,20
M 24 x 3.0	160	30	18.0	14.5	34774	69,30
M 27 x 3.0	160	30	20.0	16.0	34776	119,00
M 30 x 3.5	180	35	22.0	18.0	34778	123,00
M 33 x 3.5	180	35	25.0	20.0	34780	171,00
M 36 x 4.0	200	40	28.0	22.0	34782	288,00
M 39 x 4.0	200	40	32.0	24.0	34784	354,00
M 42 x 4.5	200	45	32.0	24.0	34786	413,00
M 45 x 4.5	220	45	36.0	29.0	34788	469,00
M 48 x 5.0	250	50	36.0	29.0	34790	512,00
M 52 x 5.0	250	50	40.0	32.0	34792	598,00

### Application:

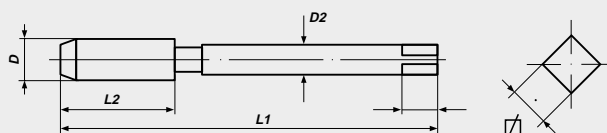
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi







## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.35	56	9	2.2	-	34801	26,20
M 4 x 0.35	63	10	2.8	2.1	34802	26,20
M 4 x 0.5	63	10	2.8	2.1	34803	26,20
M 5 x 0.5	70	12	3.5	2.7	34804	26,20
M 5 x 0.75	70	12	3.5	2.7	34805	26,20
M 6 x 0.5	80	14	4.5	3.4	34806	26,20
M 6 x 0.75	80	14	4.5	3.4	34807	26,20
M 7 x 0.75	80	14	5.5	4.3	34808	26,20
M 8 x 0.5	80	19	6.0	4.9	34809	26,20
M 8 x 0.75	80	19	6.0	4.9	34810	26,20
M 8 x 1.0	90	22	6.0	4.9	34811	26,20
M 9 x 0.75	80	19	7.0	5.5	34812	26,20
M 9 x 1.0	90	22	7.0	5.5	34813	26,20
M 10 x 0.75	90	20	7.0	5.5	34814	29,20
M 10 x 1.0	90	20	7.0	5.5	34815	29,20
M 10 x 1.25	100	24	7.0	5.5	34816	29,20
M 11 x 1.0	90	20	8.0	6.2	34817	40,80
M 11 x 1.25	90	22	8.0	6.2	34818	40,80
M 12 x 0.75	100	22	9.0	7.0	34819	40,80
M 12 x 1.0	100	22	9.0	7.0	34820	40,80
M 12 x 1.25	100	22	9.0	7.0	34821	40,80
M 12 x 1.5	100	22	9.0	7.0	34822	40,80
M 13 x 1.0	100	22	11.0	9.0	34823	49,60
M 13 x 1.5	100	22	11.0	9.0	34824	49,60
M 14 x 0.75	100	22	11.0	9.0	34825	49,60
M 14 x 1.0	100	22	11.0	9.0	34826	49,60
M 14 x 1.25	100	22	11.0	9.0	34827	49,60
M 14 x 1.5	100	22	11.0	9.0	34828	49,60
M 15 x 1.0	100	22	12.0	9.0	34829	57,50
M 15 x 1.5	100	22	12.0	9.0	34830	57,50
M 16 x 1.0	100	22	12.0	9.0	34831	57,50
M 16 x 1.25	100	22	12.0	9.0	34832	57,50
M 16 x 1.5	100	22	12.0	9.0	34833	57,50
M 18 x 1.0	110	25	14.0	11.0	34834	69,00
M 18 x 1.25	110	25	14.0	11.0	34835	69,00
M 18 x 1.5	110	25	14.0	11.0	34836	69,00
M 18 x 2.0	125	34	14.0	11.0	34837	69,00



### Application:

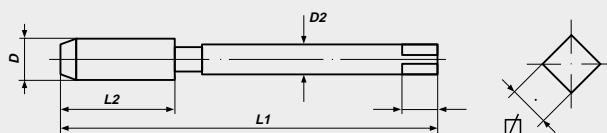
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**ToI. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 20 x 1.0	125	25	16.0	12.0	34838	76,00
M 20 x 1.25	125	25	16.0	12.0	34839	76,00
M 20 x 1.5	125	25	16.0	12.0	34840	76,00
M 20 x 2.0	140	34	16.0	12.0	34841	76,00
M 21 x 1.5	125	25	16.0	12.0	34842	76,00
M 22 x 1.0	125	25	18.0	14.5	34843	95,00
M 22 x 1.25	125	25	18.0	14.5	34844	95,00
M 22 x 1.5	125	25	18.0	14.5	34845	95,00
M 22 x 2.0	140	34	18.0	14.5	34846	95,00
M 23 x 1.5	125	25	18.0	14.5	34847	110,00
M 24 x 1.0	140	28	18.0	14.5	34848	110,00
M 24 x 1.25	140	28	18.0	14.5	34849	110,00
M 24 x 1.5	140	28	18.0	14.5	34850	110,00
M 24 x 2.0	140	28	18.0	14.5	34851	110,00
M 25 x 1.0	140	28	18.0	14.5	34852	110,00
M 25 x 1.5	140	28	18.0	14.5	34853	110,00
M 26 x 1.0	140	28	18.0	14.5	3485X	110,00
M 26 x 1.5	140	28	18.0	14.5	34854	110,00
M 26 x 2.0	140	28	18.0	14.5	34855	110,00
M 27 x 1.0	140	28	20.0	16.0	34800	139,00
M 27 x 1.5	140	28	20.0	16.0	34856	139,00
M 27 x 2.0	140	28	20.0	16.0	34857	139,00
M 28 x 1.0	140	28	20.0	16.0	34858	139,00
M 28 x 1.5	140	28	20.0	16.0	34859	139,00
M 28 x 2.0	140	28	20.0	16.0	34860	139,00
M 29 x 1.5	150	28	22.0	18.0	34861	158,50
M 30 x 1.0	150	28	22.0	18.0	34862	158,50
M 30 x 1.5	150	28	22.0	18.0	34863	158,50
M 30 x 2.0	150	28	22.0	18.0	34864	158,50
M 30 x 2.5	180	45	22.0	18.0	3486X	158,50
M 30 x 3.0	180	45	22.0	18.0	34865	158,50
M 32 x 1.5	150	28	22.0	18.0	34866	196,00
M 32 x 2.0	150	28	22.0	18.0	34867	196,00
M 32 x 3.0	180	50	22.0	18.0	34892	196,00
M 33 x 1.5	160	30	25.0	20.0	34893	196,00
M 33 x 2.0	160	30	25.0	20.0	34868	196,00
M 33 x 3.0	180	50	25.0	20.0	34869	196,00



### Application:

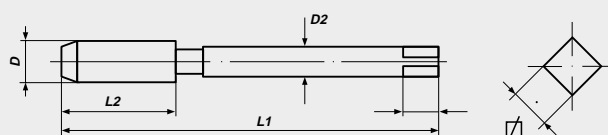
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 34 x 1.5	170	30	28.0	22.0	34870	196,00
M 34 x 2.0	170	30	28.0	22.0	34871	196,00
M 35 x 1.5	170	30	28.0	22.0	34872	196,00
M 36 x 1.5	170	30	28.0	22.0	34873	246,00
M 36 x 2.0	170	30	28.0	22.0	34874	246,00
M 36 x 3.0	200	56	28.0	22.0	34875	246,00
M 38 x 1.5	170	30	28.0	22.0	34876	260,00
M 39 x 1.5	170	30	32.0	24.0	34877	260,00
M 39 x 2.0	170	30	32.0	24.0	34878	260,00
M 39 x 3.0	200	60	32.0	24.0	34879	260,00
M 40 x 1.5	170	30	32.0	24.0	34880	285,00
M 40 x 2.0	170	30	32.0	24.0	34881	285,00
M 40 x 3.0	200	60	32.0	24.0	34882	285,00
M 42 x 1.5	170	30	32.0	24.0	34883	318,00
M 42 x 2.0	170	30	32.0	24.0	34884	318,00
M 42 x 3.0	200	60	32.0	24.0	34885	318,00
M 45 x 1.5	180	32	36.0	29.0	34886	375,00
M 45 x 2.0	180	32	36.0	29.0	34887	375,00
M 45 x 3.0	200	50	36.0	29.0	34888	375,00
M 48 x 1.5	190	32	36.0	29.0	34889	452,00
M 48 x 2.0	190	32	36.0	29.0	34890	452,00
M 48 x 3.0	225	50	36.0	29.0	34891	452,00
M 50 x 1.5	190	32	36.0	29.0	34894	525,00
M 50 x 2.0	190	32	36.0	29.0	34895	525,00
M 50 x 3.0	225	50	36.0	29.0	34896	525,00
M 52 x 1.5	190	32	40.0	32.0	34897	580,00
M 52 x 2.0	190	32	40.0	32.0	34898	580,00
M 52 x 3.0	225	50	40.0	32.0	34899	580,00

### Application:

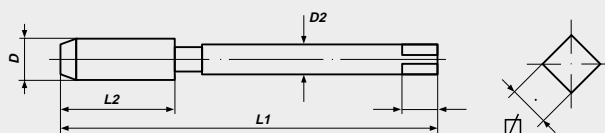
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 3 x 0.35	56	5	2.2	-	34901	29,20
M 4 x 0.35	63	5	2.8	2.1	34902	29,20
M 4 x 0.5	63	5	2.8	2.1	34903	29,20
M 5 x 0.5	70	5	3.5	2.7	34904	29,20
M 5 x 0.75	70	8	3.5	2.7	34905	29,20
M 6 x 0.5	80	5	4.5	3.4	34906	29,20
M 6 x 0.75	80	8	4.5	3.4	34907	29,20
M 7 x 0.75	80	8	5.5	4.3	34908	29,20
M 8 x 0.5	80	8	6.0	4.9	34909	29,20
M 8 x 0.75	80	8	6.0	4.9	34910	29,20
M 8 x 1.0	90	10	6.0	4.9	34911	29,20
M 9 x 0.75	80	10	7.0	5.5	34912	29,20
M 9 x 1.0	90	10	7.0	5.5	34913	29,20
M 10 x 0.75	90	10	7.0	5.5	34914	35,30
M 10 x 1.0	90	10	7.0	5.5	34915	35,30
M 10 x 1.25	100	16	7.0	5.5	34916	35,30
M 11 x 1.0	90	11	8.0	6.2	34917	45,20
M 11 x 1.25	90	14	8.0	6.2	34918	45,20
M 12 x 0.75	100	10	9.0	7.0	34919	45,20
M 12 x 1.0	100	11	9.0	7.0	34920	45,20
M 12 x 1.25	100	15	9.0	7.0	34921	45,20
M 12 x 1.5	100	15	9.0	7.0	34922	45,20
M 13 x 1.0	100	11	11.0	9.0	34923	55,20
M 13 x 1.5	100	15	11.0	9.0	34924	55,20
M 14 x 0.75	100	10	11.0	9.0	34925	55,20
M 14 x 1.0	100	11	11.0	9.0	34926	55,20
M 14 x 1.25	100	15	11.0	9.0	34927	55,20
M 14 x 1.5	100	15	11.0	9.0	34928	55,20
M 15 x 1.0	100	12	12.0	9.0	34929	63,30
M 15 x 1.5	100	15	12.0	9.0	34930	63,30
M 16 x 1.0	100	12	12.0	9.0	34931	63,30
M 16 x 1.25	100	15	12.0	9.0	34932	63,30
M 16 x 1.5	100	15	12.0	9.0	34933	63,30
M 18 x 1.0	110	13	14.0	11.0	34934	78,50
M 18 x 1.25	110	15	14.0	11.0	34935	78,50
M 18 x 1.5	110	17	14.0	11.0	34936	78,50
M 18 x 2.0	125	20	14.0	11.0	34937	78,50



### Application:

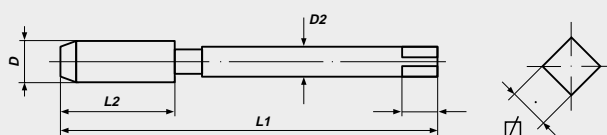
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
M 20 x 1.0	125	14	16.0	12.0	34938	87,60
M 20 x 1.25	125	17	16.0	12.0	34939	87,60
M 20 x 1.5	125	17	16.0	12.0	34940	87,60
M 20 x 2.0	140	20	16.0	12.0	34941	87,60
M 21 x 1.5	125	17	16.0	12.0	34942	87,60
M 22 x 1.0	125	14	18.0	14.5	34943	105,00
M 22 x 1.25	125	17	18.0	14.5	34944	105,00
M 22 x 1.5	125	17	18.0	14.5	34945	105,00
M 22 x 2.0	140	20	18.0	14.5	34946	105,00
M 23 x 1.5	125	17	18.0	14.5	34947	126,00
M 24 x 1.0	140	15	18.0	14.5	34948	126,00
M 24 x 1.25	140	17	18.0	14.5	34949	126,00
M 24 x 1.5	140	20	18.0	14.5	34950	126,00
M 24 x 2.0	140	20	18.0	14.5	34951	126,00
M 25 x 1.0	140	15	18.0	14.5	34952	126,00
M 25 x 1.5	140	20	18.0	14.5	34953	126,00
M 26 x 1.0	140	15	18.0	14.5	3495X	126,00
M 26 x 1.5	140	20	18.0	14.5	34954	126,00
M 26 x 2.0	140	20	18.0	14.5	34955	126,00
M 27 x 1.0	140	15	20.0	16.0	34900	153,00
M 27 x 1.5	140	20	20.0	16.0	34956	153,00
M 27 x 2.0	140	20	20.0	16.0	34957	153,00
M 28 x 1.0	140	15	20.0	16.0	34958	153,00
M 28 x 1.5	140	20	20.0	16.0	34959	153,00
M 28 x 2.0	140	20	20.0	16.0	34960	153,00
M 29 x 1.5	150	22	22.0	18.0	34961	174,00
M 30 x 1.0	150	17	22.0	18.0	34962	174,00
M 30 x 1.5	150	22	22.0	18.0	34963	174,00
M 30 x 2.0	150	22	22.0	18.0	34964	174,00
M 30 x 2.5	180	27	22.0	18.0	3496X	174,00
M 30 x 3.0	180	30	22.0	18.0	34965	174,00
M 32 x 1.5	150	22	22.0	18.0	34966	217,00
M 32 x 2.0	150	22	22.0	18.0	34967	217,00
M 32 x 3.0	180	30	22.0	18.0	34992	217,00
M 33 x 1.5	160	24	25.0	20.0	34993	217,00
M 33 x 2.0	160	24	25.0	20.0	34968	217,00
M 33 x 3.0	180	30	25.0	20.0	34969	217,00



### Application:

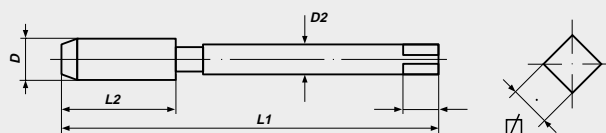
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciocibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## Maschi a macchina, *filetto sinistro*

filettatura metrica fine ISO DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.	€
M 34 x 1.5	170	24	28.0	22.0	34970	217,00
M 34 x 2.0	170	24	28.0	22.0	34971	217,00
M 35 x 1.5	170	24	28.0	22.0	34972	217,00
M 36 x 1.5	170	24	28.0	22.0	34973	275,00
M 36 x 2.0	170	24	28.0	22.0	34974	275,00
M 36 x 3.0	200	30	28.0	22.0	34975	275,00
M 38 x 1.5	170	24	28.0	22.0	34976	287,00
M 39 x 1.5	170	25	32.0	24.0	34977	287,00
M 39 x 2.0	170	25	32.0	24.0	34978	287,00
M 39 x 3.0	200	30	32.0	24.0	34979	287,00
M 40 x 1.5	170	25	32.0	24.0	34980	312,00
M 40 x 2.0	170	25	32.0	24.0	34981	312,00
M 40 x 3.0	200	30	32.0	24.0	34982	312,00
M 42 x 1.5	170	25	32.0	24.0	34983	353,00
M 42 x 2.0	170	25	32.0	24.0	34984	353,00
M 42 x 3.0	200	30	32.0	24.0	34985	353,00
M 45 x 1.5	180	27	36.0	29.0	34986	415,00
M 45 x 2.0	180	27	36.0	29.0	34987	415,00
M 45 x 3.0	200	30	36.0	29.0	34988	415,00
M 48 x 1.5	190	27	36.0	29.0	34989	495,00
M 48 x 2.0	190	27	36.0	29.0	34990	495,00
M 48 x 3.0	225	33	36.0	29.0	34991	495,00
M 50 x 1.5	190	27	36.0	29.0	34994	576,00
M 50 x 2.0	190	27	36.0	29.0	34995	576,00
M 50 x 3.0	225	33	36.0	29.0	34996	576,00
M 52 x 1.5	190	27	40.0	32.0	34997	631,00
M 52 x 2.0	190	27	40.0	32.0	34998	631,00
M 52 x 3.0	225	33	40.0	32.0	34999	631,00

### Application:

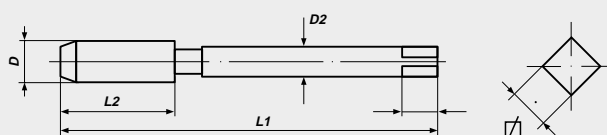
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





## Machine Taps, *Left Hand*

Whitworth-thread BS 84

## Maschi a macchina, *filetto sinistro*

filettatura Whitworth BS 84



≈ **DIN 371/376**

**Form B**

**HSS-E**

**BSW**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
≈ <b>DIN 371</b>						
BSW 1/8 x 40	56	11	3.5	2.7	70201	12,90
BSW 5/32 x 32	63	13	4.5	3.4	70202	12,90
BSW 3/16 x 24	70	15	6.0	4.9	70203	12,90
BSW 1/4 x 20	80	17	7.0	5.5	70204	12,90
BSW 5/16 x 18	90	20	8.0	6.2	70205	16,40
BSW 3/8 x 16	100	22	9.0	7.0	70206	18,30
BSW 7/16 x 14	100	22	11.0	9.0	70207	21,80
≈ <b>DIN 376</b>						
BSW 1/2 x 12	110	25	9.0	7.0	70221	21,80
BSW 9/16 x 12	110	26	11.0	9.0	70222	33,10
BSW 5/8 x 11	110	27	12.0	9.0	70223	33,10
BSW 3/4 x 10	125	30	14.0	11.0	70224	64,00
BSW 7/8 x 9	140	32	18.0	14.5	70225	78,00
BSW 1" x 8	160	36	20.0	16.0	70226	89,00

### Application:

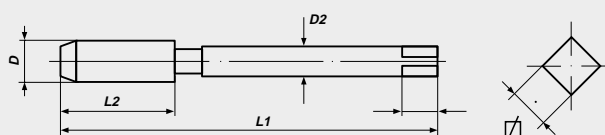
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

Whitworth-thread BS 84

## Maschi a macchina, *filetto sinistro*

filettatura Whitworth BS 84



≈ **DIN 371/376**

**Form C/35° SP**

**HSS-E**

**BSW**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
≈ <b>DIN 371</b>						
BSW 1/8 x 40	56	7	3.5	2.7	70209	16,10
BSW 5/32 x 32	63	7	4.5	3.4	70210	16,10
BSW 3/16 x 24	70	10	6.0	4.9	70211	16,10
BSW 1/4 x 20	80	13	7.0	5.5	70212	16,10
BSW 5/16 x 18	90	14	8.0	6.2	70213	20,00
BSW 3/8 x 16	100	16	9.0	7.0	70214	22,00
BSW 7/16 x 14	100	17	11.0	9.0	70215	27,10
≈ <b>DIN 376</b>						
BSW 1/2 x 12	110	20	9.0	7.0	70234	27,10
BSW 9/16 x 12	110	20	11.0	9.0	70235	40,00
BSW 5/8 x 11	110	22	12.0	9.0	70236	40,00
BSW 3/4 x 10	125	25	14.0	11.0	70237	80,00
BSW 7/8 x 9	140	27	18.0	14.5	70238	97,00
BSW 1" x 8	160	30	20.0	16.0	70239	110,00

### Application:

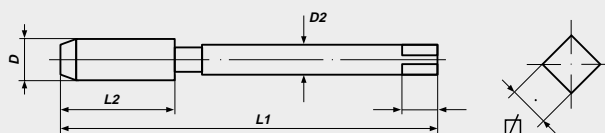
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi







## Machine Taps, *Left Hand*

Unified thread ANSI B1.1

## Maschi a macchina, *filetto sinistro*

filettatura unificata ANSI B1.1



≈ **DIN 371/376**

**Form B**

**HSS-E**

**Tol. 2B**

**UNC/UNF**

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	€
<b>UNC ≈DIN 371</b>						
UNC Nr. 6 x 32	56	12	4.0	3.0	74203	13,00
UNC Nr. 8 x 32	63	13	4.5	3.4	74204	13,00
UNC Nr. 10 x 24	70	15	6.0	4.9	74205	13,00
UNC 1/4 x 20	80	17	7.0	5.5	74207	13,00
UNC 5/16 x 18	90	20	8.0	6.2	74208	16,50
UNC 3/8 x 16	100	22	9.0	7.0	74209	18,30
<b>≈DIN 376</b>						
UNC 7/16 x 14	100	22	8.0	6.2	74228	21,80
UNC 1/2 x 13	110	25	9.0	7.0	74229	21,80
UNC 9/16 x 12	110	26	11.0	9.0	74230	33,10
UNC 5/8 x 11	110	27	12.0	9.0	74231	33,10
UNC 3/4 x 10	125	30	14.0	11.0	74232	64,00
UNC 7/8 x 9	140	32	18.0	14.5	74233	78,00
UNC 1" x 8	160	36	20.0	16.0	74234	88,50
<b>UNF ≈DIN 371</b>						
UNF Nr. 10 x 32	70	15	6.0	4.9	76205	13,00
UNF 1/4 x 28	80	17	7.0	5.5	76207	13,00
UNF 5/16 x 24	90	17	8.0	6.2	76208	16,50
UNF 3/8 x 24	100	18	9.0	7.0	76209	18,30
UNF 7/16 x 20	100	22	11.0	9.0	76210	21,80
<b>≈DIN 376</b>						
UNF 7/16 x 20	100	22	8.0	6.2	76220	21,80
UNF 1/2 x 20	100	22	9.0	7.0	76222	21,80
UNF 9/16 x 18	100	22	11.0	9.0	76223	33,10
UNF 5/8 x 18	100	22	12.0	9.0	76224	33,10
UNF 3/4 x 16	110	25	14.0	11.0	76225	64,00
UNF 7/8 x 14	140	26	18.0	14.5	76226	78,00
UNF 1" x 12	150	28	20.0	16.0	76227	88,50
UNF 1" x 14	150	28	20.0	16.0	76228	88,50

### Application:

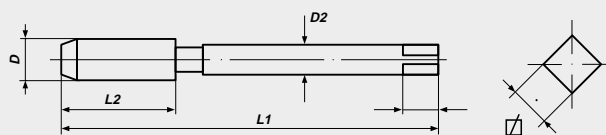
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### Applicazione:

#### per uso universale

- Materiali con buona truciocibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti





## Machine Taps, *Left Hand*

Unified thread ANSI B1.1

## Maschi a macchina, *filetto sinistro*

filettatura unificata ANSI B1.1



≈ **DIN 371/376**

**Form C/35° SP**

**HSS-E**

**Tol. 2B**

**UNC/UNF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
UNC ≈ DIN 371						
UNC Nr. 6 x 32	56	7	4.0	3.0	74212	16,10
UNC Nr. 8 x 32	63	8	4.5	3.4	74213	16,10
UNC Nr. 10 x 24	70	10	6.0	4.9	74214	16,10
UNC 1/4 x 20	80	13	7.0	5.5	74216	16,10
UNC 5/16 x 18	90	14	8.0	6.2	74217	20,00
UNC 3/8 x 16	100	16	9.0	7.0	74218	22,10
≈ DIN 376						
UNC 7/16 x 14	100	17	8.0	6.2	74248	27,10
UNC 1/2 x 13	110	20	9.0	7.0	74249	27,10
UNC 9/16 x 12	110	20	11.0	9.0	74250	40,00
UNC 5/8 x 11	110	22	12.0	9.0	74251	40,00
UNC 3/4 x 10	125	25	14.0	11.0	74252	80,00
UNC 7/8 x 9	140	27	18.0	14.5	74253	97,00
UNC 1" x 8	160	30	20.0	16.0	74254	110,00
UNF ≈ DIN 371						
UNF Nr. 10 x 32	70	10	6.0	4.9	76215	16,10
UNF 1/4 x 28	80	10	7.0	5.5	76217	16,10
UNF 5/16 x 24	90	10	8.0	6.2	76218	20,00
UNF 3/8 x 24	100	10	9.0	7.0	76219	22,10
≈ DIN 376						
UNF 1/2 x 20	100	13	9.0	7.0	76232	27,10
UNF 9/16 x 18	100	15	11.0	9.0	76233	40,00
UNF 5/8 x 18	100	15	12.0	9.0	76234	40,00
UNF 3/4 x 16	110	17	14.0	11.0	76235	80,00
UNF 7/8 x 14	140	17	18.0	14.5	76236	97,00
UNF 1" x 12	150	20	20.0	16.0	76237	110,00
UNF 1" x 14	150	20	20.0	16.0	76238	110,00

### Application:

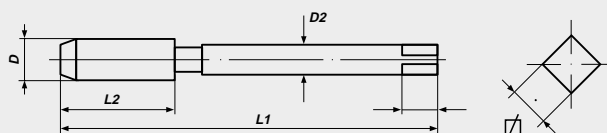
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### Applicazione:

#### per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori ciechi





**Machine Taps, *Left Hand***

Pipe-thread DIN ISO 228

**Maschi a macchina, *filetto sinistro***

filettatura per tubi gas DIN ISO 228



**DIN 5156**

**Form C**

**HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	€
G 1/8 x 28	90	20	7.0	5.5	78202	20,00
G 1/4 x 19	100	22	11.0	9.0	78203	24,70
G 3/8 x 19	100	22	12.0	9.0	78204	31,00
G 1/2 x 14	125	25	16.0	12.0	78205	43,60
G 5/8 x 14	125	25	18.0	14.5	78206	50,40
G 3/4 x 14	140	28	20.0	16.0	78207	64,00
G 1" x 11	160	30	25.0	20.0	78209	64,50

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**Applicazione:**

**per uso universale**

- Materiali con buona trucioidibilità fino a R 900 N/mm<sup>2</sup>
- Acciaio non legati e scarsamente legati
- per fori passanti e ciechi

