



## MASCHIO SINGOLO FINITORE BOTTOMING HAND TAP SINGLE

Fresato e rettificato. Confezionato in box di plastica.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

Milled and ground from the solid. Packaged in plastic case.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

Taillés à la meule et rectifiés. Conditionné en boîte plastique.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

Ejecución fresada y rectificada. En caja de plástico.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

DIN 352  
FILETTATURA METRICA  
METRIC COARSE THREAD

| thread    |    |       | thread    |     |       | thread    |     |       |
|-----------|----|-------|-----------|-----|-------|-----------|-----|-------|
| COD.      | Ø  | passo | COD.      | Ø   | passo | COD.      | Ø   | passo |
| 053103050 | M3 | 0,5   | 053110150 | M10 | 1,5   | 053120250 | M20 | 2,5   |
| 053104070 | M4 | 0,7   | 053112175 | M12 | 1,75  | 053122250 | M22 | 2,5   |
| 053105080 | M5 | 0,8   | 053114200 | M14 | 2     | 053124300 | M24 | 3     |
| 053106100 | M6 | 1     | 053116250 | M16 | 2,5   |           |     |       |
| 053108125 | M8 | 1,25  | 053118250 | M18 | 2,5   |           |     |       |

Passo Grosso. Filettatura metrica ISO DIN 13.

Metric coarse ISO DIN 13 thread.

Pas gros. Filetage metrique - ISO DIN 13.

Rosca métrica basta ISO DIN 13.

FILETTATURA GAS BSPT  
BSPT TAPER THREAD

| turns x1" |             |    | turns x1" |             |    | turns x1" |             |    |
|-----------|-------------|----|-----------|-------------|----|-----------|-------------|----|
| COD.      | Ø spire x1" |    | COD.      | Ø spire x1" |    | COD.      | Ø spire x1" |    |
| 053GB101  | 1/8         | 28 | 053GB104  | 1/2         | 14 | 053GB107  | 1" 1/4      | 11 |
| 053GB102  | 1/4         | 19 | 053GB105  | 3/4         | 14 | 053GB108  | 1" 1/2      | 11 |
| 053GB103  | 3/8         | 19 | 053GB106  | 1"          | 11 | 053GB109  | 2"          | 11 |

Filettatura a gas conica BSPT per tubi. Angolo 55°. Conicità 1/16.

BSPT Taper Thread. 55° angle. Taper 1/16.

Filetage gaz conique BSPT. Angle 55°. Conicité 1/16.

Rosca gas conica 1/16 BSPT. Angulo 55°.



## SERIE DI DUE MASCHI A MANO HAND TAPS 2 PCS SET

Serie di 2. Sbozzatore, finitore. Fresati e rettificati. Confezionati in box di plastica.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

2 pcs set. Taper, bottom. Milled and ground from the solid. Packaged in plastic case.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

Jeux de 2. Ebaucheur, finisseur. Taillés à la meule et rectifiés. Conditionné en boîte plastique.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

Juego de 2. Desbaste, acabado. Ejecución fresada y rectificada. En caja de plástico.  
HSS M2, 63-64 HRC,  
R<800 N/mm<sub>q</sub>.

DIN 2181  
FILETTATURA METRICA  
METRIC COARSE THREAD

| thread    |     |       | thread    |     |       | thread    |     |       |
|-----------|-----|-------|-----------|-----|-------|-----------|-----|-------|
| COD.      | Ø   | passo | COD.      | Ø   | passo | COD.      | Ø   | passo |
| 053203035 | M3  | 0,35  | 053212075 | M12 | 0,75  | 053218200 | M18 | 2     |
| 053204035 | M4  | 0,35  | 053212100 | M12 | 1     | 053220100 | M20 | 1     |
| 053204050 | M4  | 0,5   | 053212125 | M12 | 1,25  | 053220125 | M20 | 1,25  |
| 053205050 | M5  | 0,5   | 053212150 | M12 | 1,5   | 053220150 | M20 | 1,5   |
| 053205075 | M5  | 0,75  | 053214075 | M14 | 0,75  | 053220200 | M20 | 2     |
| 053206050 | M6  | 0,5   | 053214100 | M14 | 1     | 053222100 | M22 | 1     |
| 053206075 | M6  | 0,75  | 053214125 | M14 | 1,25  | 053222125 | M22 | 1,25  |
| 053207075 | M7  | 0,75  | 053214150 | M14 | 1,5   | 053222150 | M22 | 1,5   |
| 053208050 | M8  | 0,5   | 053216100 | M16 | 1     | 053222200 | M22 | 2     |
| 053208075 | M8  | 0,75  | 053216125 | M16 | 1,25  | 053224100 | M24 | 1     |
| 053208100 | M8  | 1     | 053216150 | M16 | 1,5   | 053224125 | M24 | 1,25  |
| 053210075 | M10 | 0,75  | 053218100 | M18 | 1     | 053224150 | M24 | 1,5   |
| 053210100 | M10 | 1     | 053218125 | M18 | 1,25  | 053224200 | M24 | 2     |
| 053210125 | M10 | 1,25  | 053218150 | M18 | 1,5   |           |     |       |

Passo Fine. Filettatura metrica - ISO DIN 13.

Metric fine ISO DIN 13 thread.

Pas fin. Filetage metrique - ISO DIN 13.

Rosca métrica fina ISO DIN 13.

## HAND TAPS 2 PCS SET **SERIE DI DUE MASCHI A MANO**

Juego de 2. Desbaste, acabado.  
Ejecución fresada y rectificada. En  
caja de plástico.  
HSS M2, 63-64 HRC,  
R<800 N/mmq.

Jeux de 2. Ebaucheur, finisseur.  
Taillés à la meule et rectifiés.  
Conditionné en boîte plastique.  
HSS M2, 63-64 HRC,  
R<800 N/mmq.

2 pcs set. Taper, bottom. Milled  
and ground from the solid.  
Packaged in plastic case.  
HSS M2, 63-64 HRC,  
R<800 N/mmq.

Serie di 2. Sbozzatore, finitore.  
Fresati e rettificati. Confezionati in  
box di plastica.  
HSS M2, 63-64 HRC,  
R<800 N/mmq.



**DIN 5157**  
**FILETTATURA GAS BSP**  
BSP TAPER THREAD

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053GA201 | 1/8        | 28           |
| 053GA202 | 1/4        | 19           |
| 053GA203 | 3/8        | 19           |
| 053GA204 | 1/2        | 14           |
| 053GA205 | 5/8        | 14           |
| 053GA206 | 3/4        | 14           |
| 053GA207 | 7/8        | 14           |

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053GA208 | 1"         | 11           |
| 053GA209 | 1" 1/8     | 11           |
| 053GA210 | 1" 1/4     | 11           |
| 053GA211 | 1" 3/8     | 11           |
| 053GA212 | 1" 1/2     | 11           |
| 053GA213 | 1" 5/8     | 11           |
| 053GA214 | 1" 3/4     | 11           |

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053GA215 | 2"         | 11           |
| 053GA216 | 2" 1/4     | 11           |
| 053GA217 | 2" 1/2     | 11           |
| 053GA218 | 2" 3/4     | 11           |
| 053GA219 | 3"         | 11           |
| 053GA220 | 3" 1/2     | 11           |
| 053GA221 | 4"         | 11           |

Rosca gas cilíndrica BSP.  
Angulo 55°.

Filetage gas cylindrique BSP.  
Angle 55°.

BSP Cylindrical Pipe Thread.  
55° angle.

Filettatura a gas cilíndrica BSP  
per tubi. Angolo 55°.

| COD.      | turns x 1" | ø spire x 1" |
|-----------|------------|--------------|
| 053VWF201 | 3/16       | 32           |
| 053VWF202 | 1/4        | 26           |
| 053VWF203 | 5/16       | 22           |
| 053VWF204 | 3/8        | 20           |

| COD.      | turns x 1" | ø spire x 1" |
|-----------|------------|--------------|
| 053VWF205 | 7/16       | 18           |
| 053VWF206 | 1/2        | 16           |
| 053VWF207 | 9/16       | 16           |
| 053VWF208 | 5/8        | 14           |

| COD.      | turns x 1" | ø spire x 1" |
|-----------|------------|--------------|
| 053VWF209 | 3/4        | 12           |
| 053VWF210 | 7/8        | 11           |
| 053VWF211 | 1"         | 10           |

**DIN 2181**  
**FILETTATURA**  
**WHITWORTH BSF**  
WHITWORTH BSF THREAD

Rosca fina Whitworth BSF.  
Angulo 55°.

Filetage Whitworth BSF. Pas fin.  
Angle 55°.

Whitworth BSF Thread. British  
Standard Fine Thread BS-84. 55°  
angle.

Filettatura Whitworth BSF. Passo  
fine BS-84. Angolo 55°.

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053UF201 | N. 6       | 40           |
| 053UF202 | N. 8       | 36           |
| 053UF203 | N. 10      | 32           |
| 053UF204 | N. 12      | 28           |
| 053UF205 | 1/4        | 28           |
| 053UF206 | 5/16       | 24           |
| 053UF207 | 3/8        | 24           |

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053UF208 | 7/16       | 20           |
| 053UF209 | 1/2        | 20           |
| 053UF210 | 9/16       | 18           |
| 053UF211 | 5/8        | 18           |
| 053UF212 | 3/4        | 16           |
| 053UF213 | 7/8        | 14           |
| 053UF214 | 1"         | 12           |

| COD.     | turns x 1" | ø spire x 1" |
|----------|------------|--------------|
| 053UF215 | 1"         | 14           |
| 053UF216 | 1" 1/8     | 12           |
| 053UF217 | 1" 1/4     | 12           |
| 053UF218 | 1" 3/8     | 12           |
| 053UF219 | 1" 1/2     | 12           |

**DIN 2181**  
**FILETTATURA**  
**AMERICANA UNF**  
UNF THREAD

Rosca americana fina.  
Angulo 60°.

Filetage americain UNF. Pas fin.  
Angle 60°.

Unified Fine Thread (UNF). 60°  
angle.

Filettatura americana UNF. Passo  
fine. Angolo 60°.

| COD.    | turns x 1" | ø spire x 1" |
|---------|------------|--------------|
| 053N201 | 1/8        | 27           |
| 053N202 | 1/4        | 18           |
| 053N203 | 3/8        | 18           |

| COD.    | turns x 1" | ø spire x 1" |
|---------|------------|--------------|
| 053N204 | 1/2        | 14           |
| 053N205 | 3/4        | 14           |
| 053N206 | 1"         | 11,5         |

| COD.    | turns x 1" | ø spire x 1" |
|---------|------------|--------------|
| 053N207 | 1" 1/4     | 11,5         |
| 053N208 | 1" 1/2     | 11,5         |
| 053N209 | 2"         | 11,5         |

**DIN 2181**  
**FILETTATURA**  
**AMERICANA NPT**  
NPT THREAD

Rosca conica americana NPT  
1/16. Angulo 60°.

Filetage conique americain NPT.  
Angle 60°. Conicité 1/16.

NPT Taper Thread. 60° angle.  
Taper 1/16.

Filettatura conica americana NPT.  
Angolo 60°. Conicità 1/16



**DIN 352**  
**FILETTATURA METRICA**  
METRIC COARSE THREAD

## SERIE DI TRE MASCHI A MANO HAND TAPS 3 PCS SET

**Serie di 3 maschi a mano.**  
**Sbozzatore, intermedio, finitore.**  
**Fresati e rettificati.**  
**Confezionati in box di plastica.**  
**HSS M2, 63-64 HRC,**  
**R<800 N/mm<sup>2</sup>.**

**Hand Taps - 3 pcs set.**  
**Taper, plug, bottom. Milled and**  
**ground from the solid.**  
**Packaged in plastic case.**  
**HSS M2, 63-64 HRC,**  
**R<800 N/mm<sup>2</sup>.**

**Jeux de 3 tarauds à main.**  
**Ebaucheur, intermédiaire, finisseur.**  
**Taillés à la meule et rectifiés.**  
**Conditionné en boîte plastique.**  
**HSS M2, 63-64 HRC,**  
**R<800 N/mm<sup>2</sup>.**

**Juego de 3 machos de mano.**  
**Desbaste, semiacabado, acabado.**  
**Ejecución fresada y rectificada.**  
**En caja de plástico.**  
**HSS M2, 63-64 HRC,**  
**R<800 N/mm<sup>2</sup>.**

| COD.       | thread | Ø    | passo |
|------------|--------|------|-------|
| 0533020040 | M2     | 0,4  |       |
| 0533020545 | M2,5   | 0,45 |       |
| 0533030050 | M3     | 0,5  |       |
| 0533035060 | M3,5   | 0,6  |       |
| 0533040070 | M4     | 0,7  |       |
| 0533045075 | M4,5   | 0,75 |       |
| 0533050080 | M5     | 0,8  |       |
| 0533060100 | M6     | 1    |       |

| COD.       | thread | Ø    | passo |
|------------|--------|------|-------|
| 0533070100 | M7     | 1    |       |
| 0533080125 | M8     | 1,25 |       |
| 0533090125 | M9     | 1,25 |       |
| 0533100150 | M10    | 1,5  |       |
| 0533110150 | M11    | 1,5  |       |
| 0533120175 | M12    | 1,75 |       |
| 0533140200 | M14    | 2    |       |
| 0533160200 | M16    | 2    |       |

| COD.       | thread | Ø   | passo |
|------------|--------|-----|-------|
| 0533180250 | M18    | 2,5 |       |
| 0533200250 | M20    | 2,5 |       |
| 0533220250 | M22    | 2,5 |       |
| 0533240300 | M24    | 3   |       |
| 0533270300 | M27    | 3   |       |
| 0533300350 | M30    | 3,5 |       |

**Passo Grosso. Filettatura metrica**  
**ISO DIN 13.**

**Metric coarse ISO DIN 13 thread.**

**Pas gros. Filetage metric - ISO**  
**DIN 13.**

**Rosca métrica basta ISO DIN 13.**

**DIN 352**  
**FILETTATURA**  
**WHITWORTH BSW**  
**WHITWORTH BSW**  
**THREAD**

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053VG301 | 1/8        | 40           |
| 053VG302 | 5/32       | 32           |
| 053VG303 | 3/16       | 24           |
| 053VG304 | 1/4        | 20           |
| 053VG305 | 5/16       | 18           |
| 053VG306 | 3/8        | 16           |
| 053VG307 | 7/16       | 14           |

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053VG308 | 1/2        | 12           |
| 053VG309 | 9/16       | 12           |
| 053VG310 | 5/8        | 11           |
| 053VG311 | 3/4        | 10           |
| 053VG312 | 7/8        | 9            |
| 053VG313 | 1"         | 8            |
| 053VG314 | 1" 1/8     | 7            |

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053VG315 | 1" 1/4     | 7            |
| 053VG316 | 1" 3/8     | 6            |
| 053VG317 | 1" 1/2     | 6            |
| 053VG318 | 1" 5/8     | 5            |
| 053VG319 | 1" 3/4     | 5            |
| 053VG320 | 1" 7/8     | 4,5          |
| 053VG321 | 2"         | 4,5          |

**Filettatura Whitworth BSW.**

**Passo grosso BS-84. Angolo 55°.**

**Whitworth BSW Thread. Coarse**  
**Thread BS-84. 55° angle.**

**Filetage Whitworth BSW. Pas Fin.**  
**Angolo 55°.**

**Rosca basta Whitworth BSW.**  
**Angulo 55°.**

**DIN 352**  
**FILETTATURA**  
**AMERICANA UNC**  
**UNC THREAD**

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053UC301 | N. 6       | 32           |
| 053UC302 | N. 8       | 32           |
| 053UC303 | N. 10      | 24           |
| 053UC304 | N. 12      | 24           |
| 053UC305 | 1/4        | 20           |
| 053UC306 | 5/16       | 18           |
| 053UC307 | 3/8        | 16           |
| 053UC308 | 7/16       | 14           |

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053UC309 | 1/2        | 13           |
| 053UC310 | 9/16       | 13           |
| 053UC311 | 5/8        | 11           |
| 053UC312 | 3/4        | 10           |
| 053UC313 | 7/8        | 9            |
| 053UC314 | 1"         | 8            |
| 053UC315 | 1" 1/8     | 7            |
| 053UC316 | 1" 1/4     | 7            |

| COD.     | turns x 1" | Ø spire x 1" |
|----------|------------|--------------|
| 053UC317 | 1" 3/8     | 6            |
| 053UC318 | 1" 1/2     | 6            |
| 053UC319 | 1" 5/8     | 5            |
| 053UC320 | 1" 3/4     | 5            |
| 053UC321 | 1" 7/8     | 4,5          |
| 053UC322 | 2"         | 4,5          |

**Filettatura americana UNC.**  
**Passo grosso. Angolo 60°.**

**Unified Coarse Thread (UNC).**  
**60° angle.**

**Filetage américain UNC. Pas gros.**  
**Angle 60°.**

**Rosca americana basta UNC.**  
**Angulo 60°.**