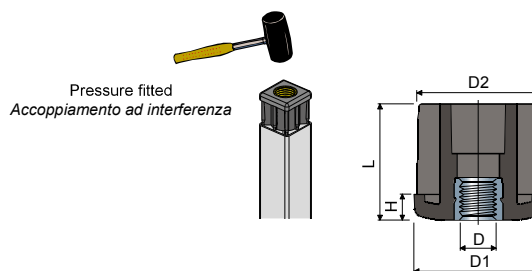


## Threaded bushing (for square tubes) - Part. TP3

### Tappi filettati (per tubi quadrati) - Part. TP3



Tube dimensions/Dimensioni tubo

| Outside<br>Esterno<br>(mm) | Thickness<br>Spessore<br>(mm) | Inside<br>Interno<br>(mm) | Thread<br>Filetto<br>D | D1<br>(mm) | D2<br>(mm) | H<br>(mm) | L<br>(mm) | Type<br>Tipo | Code<br>Codice | Max static load<br>Carico statico<br>(N) |
|----------------------------|-------------------------------|---------------------------|------------------------|------------|------------|-----------|-----------|--------------|----------------|------------------------------------------|
| 20                         | 1,5                           | 17                        | M8                     | 20         | 17         | 5         | 23        | TP3A         | CP001628       | 4500                                     |
|                            |                               |                           | M8                     | 20         | 16         | 5         | 23        | TP3A8        | CPA01628       | 4500                                     |
| 25                         | 1,5                           | 22                        | M8                     | 25         | 22         | 6         | 26        | TP3B8        | CP001629       | 4500                                     |
|                            |                               |                           | M10                    | 25         | 22         | 6         | 26        | TP3B10       | CP001630       | 5000                                     |
|                            |                               |                           | M12                    | 25         | 22         | 6         | 26        | TP3B12       | CP001631       | 5500                                     |
|                            | 2                             | 21                        | M8                     | 25         | 21         | 6         | 26        | TP3V8        | CPA01629       | 4500                                     |
|                            |                               |                           | M10                    | 25         | 21         | 6         | 26        | TP3V10       | CPA01630       | 5000                                     |
|                            |                               |                           | M12                    | 25         | 21         | 6         | 26        | TP3V12       | CPA01631       | 5500                                     |
| 30                         | 1,5                           | 27                        | M8                     | 30         | 27         | 6         | 31        | TP3C8        | CP001632       | 4500                                     |
|                            |                               |                           | M10                    | 30         | 27         | 6         | 31        | TP3C10       | CP001633       | 5000                                     |
|                            |                               |                           | M12                    | 30         | 27         | 6         | 31        | TP3C12       | CP001634       | 5500                                     |
|                            |                               |                           | M14                    | 30         | 27         | 6         | 31        | TP3C14       | CP001635       | 6000                                     |
|                            | 2                             | 26                        | M16                    | 30         | 27         | 6         | 31        | TP3C16       | CP001636       | 6500                                     |
|                            |                               |                           | M8                     | 30         | 26         | 6         | 31        | TP3D8        | CP001637       | 4500                                     |
|                            |                               |                           | M10                    | 30         | 26         | 6         | 31        | TP3D10       | CP001638       | 5000                                     |
|                            |                               |                           | M12                    | 30         | 26         | 6         | 31        | TP3D12       | CP001639       | 5500                                     |
|                            |                               |                           | M14                    | 30         | 26         | 6         | 31        | TP3D14       | CP001640       | 6000                                     |
|                            |                               |                           | M16                    | 30         | 26         | 6         | 31        | TP3D16       | CP001641       | 6500                                     |
| 35                         | 1,5                           | 32                        | M8                     | 35         | 32         | 8         | 38        | TP3E8        | CP001642       | 6500                                     |
|                            |                               |                           | M10                    | 35         | 32         | 8         | 38        | TP3E10       | CP001643       | 7000                                     |
|                            |                               |                           | M12                    | 35         | 32         | 8         | 38        | TP3E12       | CP001644       | 7500                                     |
|                            |                               |                           | M14                    | 35         | 32         | 8         | 38        | TP3E14       | CP001645       | 8000                                     |
|                            |                               |                           | M16                    | 35         | 32         | 8         | 38        | TP3E16       | CP001646       | 8500                                     |
|                            | 2                             | 31                        | M20                    | 35         | 32         | 8         | 38        | TP3E20       | CP001647       | 9000                                     |
|                            |                               |                           | M8                     | 35         | 31         | 8         | 38        | TP3F8        | CP001648       | 6500                                     |
|                            |                               |                           | M10                    | 35         | 31         | 8         | 38        | TP3F10       | CP001649       | 7000                                     |
|                            |                               |                           | M12                    | 35         | 31         | 8         | 38        | TP3F12       | CP001650       | 7500                                     |
|                            |                               |                           | M14                    | 35         | 31         | 8         | 38        | TP3F14       | CP001651       | 8000                                     |
|                            |                               |                           | M16                    | 35         | 31         | 8         | 38        | TP3F16       | CP001652       | 8500                                     |
|                            |                               |                           | M20                    | 35         | 31         | 8         | 38        | TP3F20       | CP001653       | 9000                                     |
| 40                         | 1,2                           | 37,6                      | M8                     | 40         | 37,6       | 8         | 38        | TP3G8        | CP001654       | 7000                                     |
|                            |                               |                           | M10                    | 40         | 37,6       | 8         | 38        | TP3G10       | CP001655       | 7500                                     |
|                            |                               |                           | M12                    | 40         | 37,6       | 8         | 38        | TP3G12       | CP001656       | 8000                                     |
|                            |                               |                           | M14                    | 40         | 37,6       | 8         | 38        | TP3G14       | CP001657       | 8500                                     |
|                            |                               |                           | M16                    | 40         | 37,6       | 8         | 38        | TP3G16       | CP001658       | 9000                                     |
|                            | 1,5                           | 37                        | M20                    | 40         | 37,6       | 8         | 38        | TP3G20       | CP001659       | 9500                                     |
|                            |                               |                           | M8                     | 40         | 37         | 8         | 38        | TP3H8        | CP001660       | 7000                                     |
|                            |                               |                           | M10                    | 40         | 37         | 8         | 38        | TP3H10       | CP001661       | 7500                                     |
|                            |                               |                           | M12                    | 40         | 37         | 8         | 38        | TP3H12       | CP001662       | 8000                                     |
|                            |                               |                           | M14                    | 40         | 37         | 8         | 38        | TP3H14       | CP001663       | 8500                                     |
|                            |                               |                           | M16                    | 40         | 37         | 8         | 38        | TP3H16       | CP001664       | 9000                                     |
|                            |                               |                           | M20                    | 40         | 37         | 8         | 38        | TP3H20       | CP001665       | 9500                                     |
|                            |                               |                           | M8                     | 40         | 36         | 8         | 38        | TP3I8        | CP001666       | 7000                                     |
|                            |                               |                           | M10                    | 40         | 36         | 8         | 38        | TP3I10       | CP001667       | 7500                                     |
|                            |                               |                           | M12                    | 40         | 36         | 8         | 38        | TP3I12       | CP001668       | 8000                                     |
|                            | 2                             | 36                        | M14                    | 40         | 36         | 8         | 38        | TP3I14       | CP001669       | 8500                                     |
|                            |                               |                           | M16                    | 40         | 36         | 8         | 38        | TP3I16       | CP001670       | 9000                                     |
|                            |                               |                           | M20                    | 40         | 36         | 8         | 38        | TP3I20       | CP001671       | 9500                                     |
|                            |                               |                           | M8                     | 40         | 35         | 8         | 38        | TP3L8        | CP001672       | 7000                                     |
|                            |                               |                           | M10                    | 40         | 35         | 8         | 38        | TP3L10       | CP001673       | 7500                                     |
| 40                         | 2,5                           | 35                        | M12                    | 40         | 35         | 8         | 38        | TP3L12       | CP001674       | 8000                                     |
|                            |                               |                           | M14                    | 40         | 35         | 8         | 38        | TP3L14       | CP001675       | 8500                                     |
|                            |                               |                           | M16                    | 40         | 35         | 8         | 38        | TP3L16       | CP001676       | 9000                                     |
|                            |                               |                           | M20                    | 40         | 35         | 8         | 38        | TP3L20       | CP001677       | 9500                                     |

**MATERIAL:** Bush in reinforced polyamide black colour; threaded insert in nickel plated brass.

**MATERIALI:** Tappo in poliammide rinforzata colore nero, inserto filettato in ottone nichelato.

**Threaded bushing (for square tubes) - Part. TP3**  
**Tappi filettati (per tubi quadri) - Part. TP3**

| Tube dimensions/Dimensioni tubo |                       |                   |                   |      |      |      |      | Type<br>Tipo | Code<br>Codice | Max static load |          |      |
|---------------------------------|-----------------------|-------------------|-------------------|------|------|------|------|--------------|----------------|-----------------|----------|------|
| Outside<br>Esterno              | Thickness<br>Spessore | Inside<br>Interno | Thread<br>Filetto | D1   | D2   | H    | L    |              |                | Carico statico  |          |      |
| (mm)                            | (mm)                  | (mm)              | D                 | (mm) | (mm) | (mm) | (mm) |              |                | (N)             |          |      |
| 40                              | 3                     | 34                | M8                | 40   | 34   | 8    | 38   | TP3Z8        | CPA01632       | 7000            |          |      |
|                                 |                       |                   | M10               | 40   | 34   | 8    | 38   | TP3Z10       | CPA01633       | 7500            |          |      |
|                                 |                       |                   | M12               | 40   | 34   | 8    | 38   | TP3Z12       | CPA01634       | 8000            |          |      |
|                                 |                       |                   | M14               | 40   | 34   | 8    | 38   | TP3Z14       | CPA01635       | 8500            |          |      |
|                                 |                       |                   | M16               | 40   | 34   | 8    | 38   | TP3Z16       | CPA01636       | 9000            |          |      |
|                                 |                       |                   | M20               | 40   | 34   | 8    | 38   | TP3Z20       | CPA01637       | 9500            |          |      |
| 45                              | 2                     | 41                | M8                | 45   | 41   | 8    | 38   | TP3M8        | CP001678       | 7000            |          |      |
|                                 |                       |                   | M10               | 45   | 41   | 8    | 38   | TP3M10       | CP001679       | 7500            |          |      |
|                                 |                       |                   | M12               | 45   | 41   | 8    | 38   | TP3M12       | CP001680       | 8000            |          |      |
|                                 |                       |                   | M14               | 45   | 41   | 8    | 38   | TP3M14       | CP001681       | 8500            |          |      |
|                                 |                       |                   | M16               | 45   | 41   | 8    | 38   | TP3M16       | CP001682       | 9000            |          |      |
|                                 |                       |                   | M20               | 45   | 41   | 8    | 38   | TP3M20       | CP001683       | 9500            |          |      |
|                                 | 3                     | 39                | M8                | 45   | 39   | 8    | 38   | TP3W8        | CPA01638       | 7000            |          |      |
|                                 |                       |                   | M10               | 45   | 39   | 8    | 38   | TP3W10       | CPA01639       | 7500            |          |      |
|                                 |                       |                   | M12               | 45   | 39   | 8    | 38   | TP3W12       | CPA01640       | 8000            |          |      |
|                                 |                       |                   | M14               | 45   | 39   | 8    | 38   | TP3W14       | CPA01641       | 8500            |          |      |
|                                 |                       |                   | M16               | 45   | 39   | 8    | 38   | TP3W16       | CPA01642       | 9000            |          |      |
|                                 |                       |                   | M20               | 45   | 39   | 8    | 38   | TP3W20       | CPA01643       | 9500            |          |      |
| 50                              | 1,2                   | 47,6              | M8                | 50   | 47,6 | 10   | 45   | TP3N8        | CP001684       | 7000            |          |      |
|                                 |                       |                   | M10               | 50   | 47,6 | 10   | 45   | TP3N10       | CP001685       | 7500            |          |      |
|                                 |                       |                   | M12               | 50   | 47,6 | 10   | 45   | TP3N12       | CP001686       | 8000            |          |      |
|                                 |                       |                   | M14               | 50   | 47,6 | 10   | 45   | TP3N14       | CP001687       | 8500            |          |      |
|                                 |                       |                   | M16               | 50   | 47,6 | 10   | 45   | TP3N16       | CP001688       | 9000            |          |      |
|                                 |                       |                   | M20               | 50   | 47,6 | 10   | 45   | TP3N20       | CP001689       | 9500            |          |      |
|                                 |                       |                   | 1,5               | 47   | M8   | 50   | 47   | 10           | 45             | TP3O8           | CP001690 | 7000 |
|                                 |                       |                   |                   |      | M10  | 50   | 47   | 10           | 45             | TP3O10          | CP001691 | 7500 |
|                                 |                       |                   |                   |      | M12  | 50   | 47   | 10           | 45             | TP3O12          | CP001692 | 8000 |
|                                 |                       |                   |                   |      | M14  | 50   | 47   | 10           | 45             | TP3O14          | CP001693 | 8500 |
|                                 | M16                   | 50                |                   |      | 47   | 10   | 45   | TP3O16       | CP001694       | 9000            |          |      |
|                                 | 2                     | 46                | M20               | 50   | 47   | 10   | 45   | TP3O20       | CP001695       | 9500            |          |      |
|                                 |                       |                   | M8                | 50   | 46   | 10   | 45   | TP3P8        | CP001696       | 7000            |          |      |
|                                 |                       |                   | M10               | 50   | 46   | 10   | 45   | TP3P10       | CP001697       | 7500            |          |      |
|                                 |                       |                   | M12               | 50   | 46   | 10   | 45   | TP3P12       | CP001698       | 8000            |          |      |
|                                 |                       |                   | M14               | 50   | 46   | 10   | 45   | TP3P14       | CP001699       | 8500            |          |      |
|                                 |                       |                   | M16               | 50   | 46   | 10   | 45   | TP3P16       | CP001700       | 9000            |          |      |
|                                 |                       |                   | M20               | 50   | 46   | 10   | 45   | TP3P20       | CP001701       | 9500            |          |      |
|                                 |                       |                   | 2,5               | 45   | M8   | 50   | 45   | 10           | 45             | TP3Q8           | CP001702 | 7000 |
|                                 |                       |                   |                   |      | M10  | 50   | 45   | 10           | 45             | TP3Q10          | CP001703 | 7500 |
|                                 |                       |                   |                   |      | M12  | 50   | 45   | 10           | 45             | TP3Q12          | CP001704 | 8000 |
|                                 | M14                   | 50                |                   |      | 45   | 10   | 45   | TP3Q14       | CP001705       | 8500            |          |      |
|                                 | M16                   | 50                |                   |      | 45   | 10   | 45   | TP3Q16       | CP001706       | 9000            |          |      |
|                                 | 3                     | 44                | M20               | 50   | 45   | 10   | 45   | TP3Q20       | CP001707       | 9500            |          |      |
|                                 |                       |                   | M8                | 50   | 44   | 10   | 45   | TP3R8        | CP001708       | 7000            |          |      |
|                                 |                       |                   | M10               | 50   | 44   | 10   | 45   | TP3R10       | CP001709       | 7500            |          |      |
|                                 |                       |                   | M12               | 50   | 44   | 10   | 45   | TP3R12       | CP001710       | 8000            |          |      |
|                                 |                       |                   | M14               | 50   | 44   | 10   | 45   | TP3R14       | CP001711       | 8500            |          |      |
|                                 |                       |                   | M16               | 50   | 44   | 10   | 45   | TP3R16       | CP001712       | 9000            |          |      |
|                                 |                       |                   | M20               | 50   | 44   | 10   | 45   | TP3R20       | CP001713       | 9500            |          |      |
| 60                              |                       |                   | 2                 | 56   | M8   | 60   | 56   | 10           | 45             | TP3S8           | CP001714 | 7000 |
|                                 |                       |                   |                   |      | M10  | 60   | 56   | 10           | 45             | TP3S10          | CP001715 | 7500 |
|                                 |                       |                   |                   |      | M12  | 60   | 56   | 10           | 45             | TP3S12          | CP001716 | 8000 |
|                                 | M14                   | 60                |                   |      | 56   | 10   | 45   | TP3S14       | CP001717       | 8500            |          |      |
|                                 | M16                   | 60                |                   |      | 56   | 10   | 45   | TP3S16       | CP001718       | 9000            |          |      |
|                                 | M20                   | 60                |                   |      | 56   | 10   | 45   | TP3S20       | CP001719       | 9500            |          |      |
|                                 | 3                     | 54                | M8                | 60   | 54   | 10   | 45   | TP3T8        | CP001720       | 7000            |          |      |
|                                 |                       |                   | M10               | 60   | 54   | 10   | 45   | TP3T10       | CP001721       | 7500            |          |      |
|                                 |                       |                   | M12               | 60   | 54   | 10   | 45   | TP3T12       | CP001722       | 8000            |          |      |
|                                 |                       |                   | M14               | 60   | 54   | 10   | 45   | TP3T14       | CP001723       | 8500            |          |      |
|                                 |                       |                   | M16               | 60   | 54   | 10   | 45   | TP3T16       | CP001724       | 9000            |          |      |
|                                 |                       |                   | M20               | 60   | 54   | 10   | 45   | TP3T20       | CP001725       | 9500            |          |      |
| 80                              | 3                     | 74                | M14               | 80   | 74   | 10   | 45   | TP3X14       | CPA01644       | 8500            |          |      |
|                                 |                       |                   | M16               | 80   | 74   | 10   | 45   | TP3U16       | CP001726       | 9000            |          |      |
|                                 |                       |                   | M20               | 80   | 74   | 10   | 45   | TP3U20       | CP001727       | 9500            |          |      |

 **MATERIAL:** Bush in reinforced polyamide black colour; threaded insert in nickel plated brass.

 **MATERIALI:** Tappo in poliammide rinforzata colore nero, inserto filettato in ottone nichelato.