



WATER / WASSER



PNEUMATIC / PNEUMATISCH



HYDRAULIC / HYDRAULISCH



ACCESSORIES / ZUBEHÖR

# *T020* SERIES

# tekno-met

## QUICK COUPLINGS-SCHNELLKUPPLUNGEN

[www.tekno-met.com](http://www.tekno-met.com)



## T020 Series

DN 2,7 Coupling for Pneumatic / DN 2,7 Kupplung für Pneumatik

### Interchangeability / Austauschbarkeit

Rectus 20KA  
Walther 06 - 003

### Temperature Range / Temperaturbereich

Nitrile (N) -20°C - +100°C  
FPM (V) -20°C - +180°C  
EPDM (Ethylene Propylene) -40°C - +150°C

### Working Pressure / Betriebsdruck

35 Bar (510 PSI)

### Flow Size - Nennweite

T020 2,7 mm

### Material of Standard Version / Material für die Standardversion

|                                       |                                            |
|---------------------------------------|--------------------------------------------|
| Socket Body /<br>Kupplungsgrundkörper | Brass, nickel plated<br>Messing vernickelt |
| Sleeve /<br>Hülse                     | Brass nickel plated<br>Messing vernickelt  |
| Springs / Federn                      | Stainless Steel / Edelstahl                |
| Balls / Kugeln                        | Stainless Steel / Edelstahl                |
| Seals / Dichtung                      | Nitrile (N)                                |
| Plug /<br>Nippel                      | Brass nickel plated<br>Messing vernickelt  |

### Technical Specifications

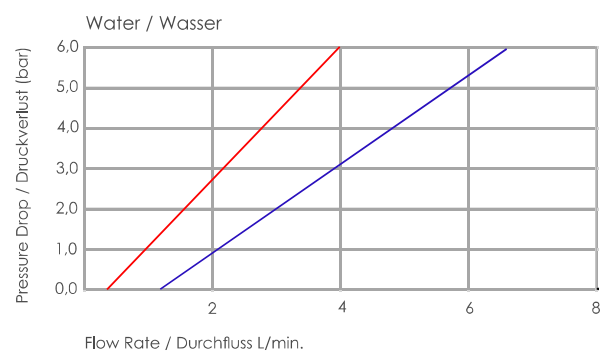
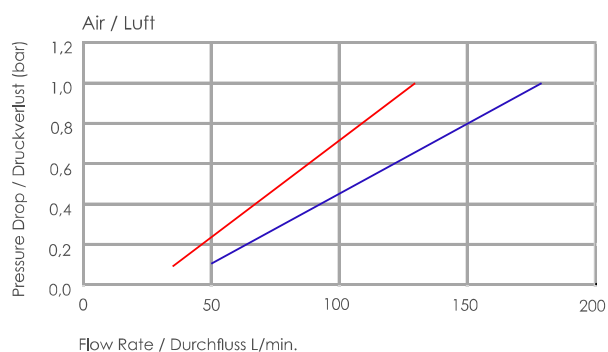
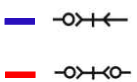
Small Coupling for pneumatic, gas and water  
Ideal for small areas  
High flow rate  
Minimum pressure loss

### Technische Daten und Vorteile

Mini Kupplung für Pneumatik, Gas und Wasser  
Ideal für den Einsatz in kleinen Bereichen  
Hohem Durchfluss  
Geringem Druckverlust



### Flow Rate - Pressure Drop / Durchfluss - Druckverlust

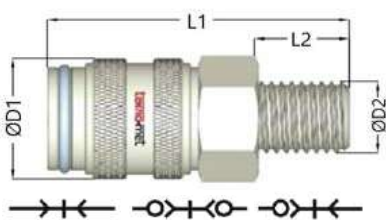


## T020 Series

- Quick Coupling for Pneumatic / Schnellkupplungen für Pneumatik

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Male Thread Socket / Kupplung mit Aussengewinde



| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2     | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|---------|-----|----|----|-----|
| T020 EGB M05                                               | T020 EGF M05                                                 | T020 EGI M05                                                       | 2,7           | M5X0,8  | 10  | 26 | 5  | 9   |
| T020 EGB M06                                               | T020 EGF M06                                                 | T020 EGI M06                                                       | 2,7           | M6X0,8  | 10  | 27 | 5  | 9   |
| T020 EGB 10                                                | T020 EGF 10                                                  | T020 EGI 10                                                        | 2,7           | BSP 1/8 | 10  | 28 | 7  | 11  |

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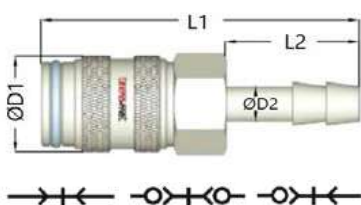
Female Thread Socket / Kupplung mit Innengewinde



| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2     | ØD1 | L1 | Hex |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|---------|-----|----|-----|
| T020 DGB M05                                               | T020 DGF M05                                                 | T020 DGI M05                                                       | 2,7           | M5X0,8  | 10  | 26 | 9   |
| T020 DGB 10                                                | T020 DGF 10                                                  | T020 DGI 10                                                        | 2,7           | BSP 1/8 | 10  | 28 | 12  |

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Standard Hose Tail Socket/ Kupplung mit Standard - Schlauchtülle



| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2  | ØD1 | L1 | L2 |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|------|-----|----|----|
| T020 HGB 03                                                | T020 HGF 03                                                  | T020 HGI 03                                                        | 2,7           | 3 mm | 10  | 35 | 13 |
| T020 HGB 04                                                | T020 HGF 04                                                  | T020 HGI 04                                                        | 2,7           | 4 mm | 10  | 35 | 13 |
| T020 HGB 05                                                | T020 HGF 05                                                  | T020 HGI 05                                                        | 2,7           | 5 mm | 10  | 35 | 13 |

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Plastic Hose Coupling/ Kunststoffschlauch



| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2    | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|--------|--------|-----|----|----|-----|
| T020 PGB 0304                                              | T020 PGF 0304                                                | T020 PGI 0304                                                      | 2,7           | 3x4 mm | M7x0,5 | 10  | 34 | 6  | 10  |
| T020 PGB 0305                                              | T020 PGF 0305                                                | T020 PGI 0305                                                      | 2,7           | 3x5 mm | M7x0,5 | 10  | 34 | 6  | 10  |
| T020 PGB 0306                                              | T020 PGF 0306                                                | T020 PGI 0306                                                      | 2,7           | 3x6 mm | M8x0,5 | 10  | 34 | 6  | 10  |

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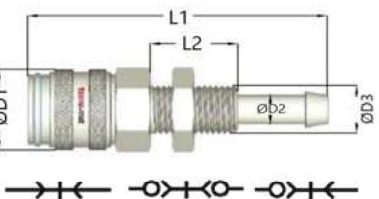
Panel Mounted Plastic Hose Coupling/ Schottverschraubung für Kunststoffschlauch



| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2    | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|--------|--------|-----|----|----|-----|
| T020 PGBM 0304                                             | T020 PGFM 0304                                               | T020 PGFI 0304                                                     | 2,7           | 3x4 mm | M7x0,5 | 10  | 40 | 12 | 11  |
| T020 PGBM 0305                                             | T020 PGFM 0305                                               | T020 PGFI 0305                                                     | 2,7           | 3x5 mm | M7x0,5 | 10  | 40 | 12 | 11  |
| T020 PGBM 0306                                             | T020 PGFM 0306                                               | T020 PGFI 0306                                                     | 2,7           | 3x6 mm | M8x0,5 | 10  | 40 | 12 | 12  |

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Panel Mounted Hose Coupling/ Schottverschraubung für Schlauchanschluss



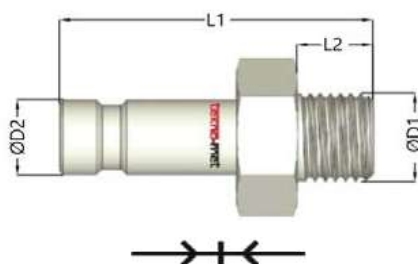
| ORDER NO / BESTELL NR.<br>With Valve/Mit Ventil<br>-O-T-K- | ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>-T-T- | ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O-T-K-O- | SIZE<br>GRÖßE | ØD2  | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------|------|--------|-----|----|----|-----|
| T020 HGBM 03                                               | T020 HGBM 03                                                 | T020 HGBI 03                                                       | 2,7           | 3 mm | M7x0,5 | 10  | 44 | 13 | 11  |
| T020 HGBM 04                                               | T020 HGBM 04                                                 | T020 HGBI 04                                                       | 2,7           | 4 mm | M7x0,5 | 10  | 44 | 13 | 11  |
| T020 HGBM 06                                               | T020 HGBM 06                                                 | T020 HGBI 06                                                       | 2,7           | 6 mm | M10x1  | 10  | 44 | 13 | 12  |

## T020 Series

Quick Coupling for Pneumatic / Schnellkupplungen für Pneumatik

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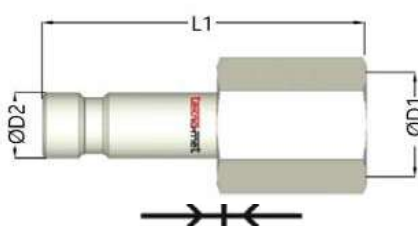
Male Thread Plug / Nippel mit Aussengewinde



| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD1     | ØD2 | L1 | L2 | Hex |
|------------------------------------------------------------|---------------|---------|-----|----|----|-----|
| T020 EUF M05                                               | 2,7           | M5X0,8  | 5   | 18 | 5  | 7   |
| T020 EUF M06                                               | 2,7           | M6X0,8  | 5   | 18 | 7  | 11  |
| T020 EUF 10                                                | 2,7           | BSP 1/8 | 5   | 20 | 7  | 11  |
| T020 EUF 13                                                | 2,7           | BSP 1/4 | 5   | 22 | 9  | 14  |

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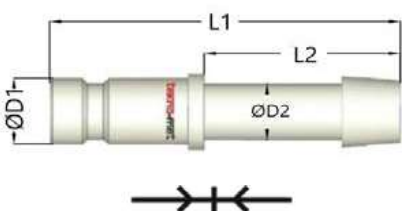
Female Thread Plug / Nippel mit Innengewinde



| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD1     | ØD2 | L1 | Hex |
|------------------------------------------------------------|---------------|---------|-----|----|-----|
| T020 DUF M05                                               | 2,7           | M5X0,8  | 5   | 17 | 7   |
| T020 DUF 10                                                | 2,7           | BSP 1/8 | 5   | 19 | 12  |

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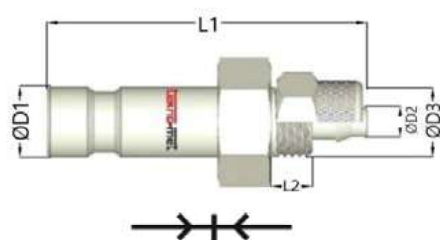
Standard Hose Tail Plug/ Nippel mit Standard - Schlauchtülle



| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD2  | ØD1 | L1 | L2 |
|------------------------------------------------------------|---------------|------|-----|----|----|
| T020 HUF 03                                                | 2,7           | 3 mm | 5   | 24 | 13 |
| T020 HUF 04                                                | 2,7           | 4 mm | 5   | 24 | 13 |
| T020 HUF 05                                                | 2,7           | 5 mm | 5   | 24 | 13 |
| T020 HUF 06                                                | 2,7           | 6 mm | 5   | 24 | 13 |

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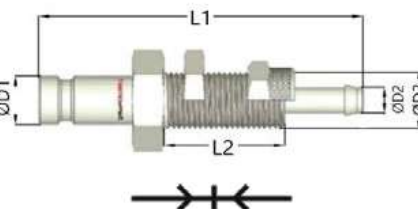
Plastic Hose Plug/ Nippel mit Kunststoffschlauch



| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD2      | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|---------------|----------|--------|-----|----|----|-----|
| T020 PUF 0204                                              | 2,7           | 2,5x4 mm | M7x0,5 | 5   | 25 | 6  | 7   |
| T020 PUF 0304                                              | 2,7           | 3x4 mm   | M7x0,5 | 5   | 25 | 6  | 7   |
| T020 PUF 0305                                              | 2,7           | 3x5 mm   | M7x0,5 | 5   | 25 | 6  | 7   |
| T020 PUF 0406                                              | 2,7           | 4x6 mm   | M8x0,5 | 5   | 25 | 6  | 9   |

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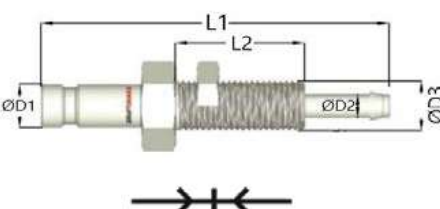
Panel Mount Plastic Hose Plug/ Schottverschraubung für Kunststoffschlauch



| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD2      | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|---------------|----------|--------|-----|----|----|-----|
| T020 PUFM 0204                                             | 2,7           | 2,5x4 mm | M7x0,5 | 5   | 38 | 13 | 11  |
| T020 PUFM 0304                                             | 2,7           | 3x4 mm   | M7x0,5 | 5   | 38 | 13 | 11  |
| T020 PUFM 0305                                             | 2,7           | 3x5 mm   | M7x0,5 | 5   | 38 | 13 | 11  |
| T020 PUF M0406                                             | 2,7           | 4x6 mm   | M8x0,5 | 5   | 38 | 13 | 12  |

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Panel Mount Hose Plug/ Schottverschraubung für Schlauchanschluss



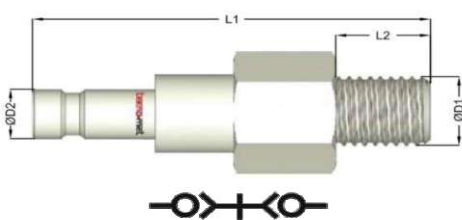
| ORDER NO / BESTELL NR.<br>Without Valve/Ohne Ventil<br>→+← | SIZE<br>GRÖßE | ØD2  | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------|---------------|------|--------|-----|----|----|-----|
| T020 HUFM 03                                               | 2,7           | 3 mm | M7x0,5 | 5   | 45 | 13 | 11  |
| T020 HUFM 04                                               | 2,7           | 4 mm | M7x0,5 | 5   | 45 | 13 | 11  |
| T020 HUFM 06                                               | 2,7           | 6 mm | M10x1  | 5   | 45 | 13 | 12  |

## T020 Series

- Quick Coupling for Pneumatic / Schnellkupplungen für Pneumatik



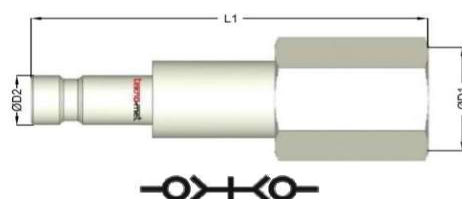
Male Thread Plug with Valve / Nippel mit Aussengewinde mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD1     | ØD2 | L1   | L2 | Hex |
|------------------------------------------------------------------|---------------|---------|-----|------|----|-----|
| T020 EUI M05                                                     | 2,7           | M5X0,8  | 5   | 30,5 | 6  | 11  |
| T020 EUI 10                                                      | 2,7           | BSP 1/8 | 5   | 32   | 8  | 11  |



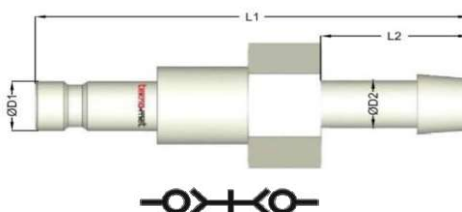
Female Thread Plug with Valve / Nippel mit Innengewinde mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD1     | ØD2 | L1   | Hex |
|------------------------------------------------------------------|---------------|---------|-----|------|-----|
| T020 DUI M05                                                     | 2,7           | M5X0,8  | 5   | 30,5 | 11  |
| T020 DUI 10                                                      | 2,7           | BSP 1/8 | 5   | 32   | 14  |



Standard Hose Tail Plug with Valve / Nippel mit Standard - Schlauchtülle mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD2  | ØD1 | L1 | L2 |
|------------------------------------------------------------------|---------------|------|-----|----|----|
| T020 HUI 03                                                      | 2,7           | 3 mm | 5   | 38 | 14 |
| T020 HUI 04                                                      | 2,7           | 4 mm | 5   | 38 | 14 |
| T020 HUI 05                                                      | 2,7           | 5 mm | 5   | 38 | 14 |



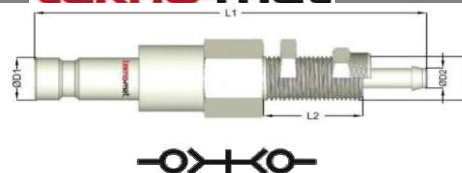
Plastic Hose Plug with Valve/ Nippel mit Kunststoffschlauch mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD2      | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------------|---------------|----------|--------|-----|----|----|-----|
| T020 PUI 0204                                                    | 2,7           | 2,5x4 mm | M7x0,5 | 5   | 37 | 7  | 9   |
| T020 PUI 0304                                                    | 2,7           | 3x4 mm   | M7x0,5 | 5   | 37 | 7  | 9   |
| T020 PUI 0305                                                    | 2,7           | 3x5 mm   | M7x0,5 | 5   | 37 | 7  | 9   |
| T020 PUI 0406                                                    | 2,7           | 4x6 mm   | M8x0,5 | 5   | 37 | 7  | 11  |



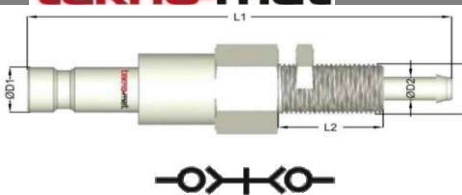
Panel Mount Plastic Hose Plug with Valve/ Schottverschraubung für Kunststoffschlauch mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD2    | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------------|---------------|--------|--------|-----|----|----|-----|
| T020 PUIM 0304                                                   | 2,7           | 3x4 mm | M7x0,5 | 5   | 42 | 12 | 11  |
| T020 PUIM 0305                                                   | 2,7           | 3x5 mm | M7x0,5 | 5   | 42 | 12 | 11  |
| T020 PUIM 0406                                                   | 2,7           | 4x6 mm | M8x0,5 | 5   | 42 | 12 | 12  |



Panel Mount Hose Plug with Valve / Schottverschraubung für Schlauchanschluss mit Ventil



| ORDER NO / BESTELL NR.<br>Double Valve/Doppelt Ventil<br>-O>+<O- | SIZE<br>GRÖßE | ØD2  | ØD3    | ØD1 | L1 | L2 | Hex |
|------------------------------------------------------------------|---------------|------|--------|-----|----|----|-----|
| T020 HUIM 03                                                     | 2,7           | 3 mm | M7x0,5 | 5   | 54 | 13 | 11  |
| T020 HUIM 04                                                     | 2,7           | 4 mm | M7x0,5 | 5   | 54 | 13 | 11  |
| T020 HUIM 06                                                     | 2,7           | 6 mm | M10x1  | 5   | 54 | 13 | 12  |