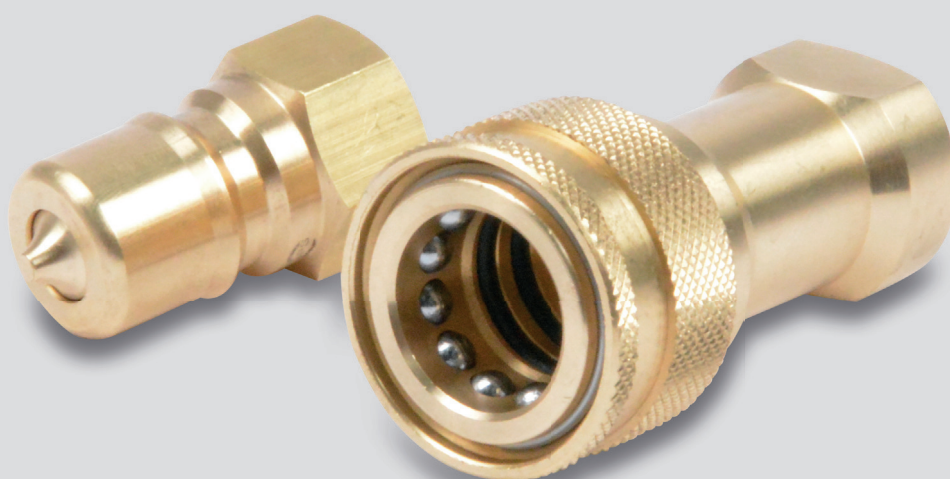


**FLEXQ**  
CONNECTORS

**PPT**  
ISO 7241-1 Serie B



**LINKING PRECISION WITH PERFORMANCE**

## PPT, das universal Kupplungssystem für Pneumatik-, Fluid- und Hydraulik-Anwendungen

### Eigenschaften

- Optimierter Durchfluss
- Ergonomisches Design
- Große Nennweiten
- In Edelstahl erhältlich
- ISO Profil

### Schnelle und sichere Verriegelung

Je nach Größe sorgen die Kugeln für eine zuverlässige Verriegelung. Die Verriegelungshülse ist ergonomisch gestaltet. Dank dieser Eigenschaften wird die PPT-Serie zu einem komfortablen Schnellkupplungssystem und garantiert sicheres Ein- und Auskuppeln.

PPT  
ISO 7241-1



### SERIE PPT

UNIVERSAL

-- ISO 7241-1 SERIE B --

#### Optionen

- Edelstahl
- Hoch Temperatur FFKM

VA  
W

#### Einsatzbereiche

- Temperierung
- Kunststoffindustrie
- Wärmeträgeröl
- Dampfanwendungen
- Blasformen



#### Materialien (Standard)

|                 |              |
|-----------------|--------------|
| Kupplungskörper | Messing      |
| Stecker         | Messing      |
| Hülse           | Messing      |
| Ventil          | Messing      |
| Sprengring      | Edelstahl    |
| Feder           | Edelstahl    |
| Kugeln          | Edelstahl    |
| Dichtungen      | Nitril (NBR) |



#### Temperaturbereich

|                    |      |                 |
|--------------------|------|-----------------|
| Nitril (NBR)       | N    | - 15 °C +100 °C |
| Fluorcarbon (FPM)  | V    | - 20 °C +180 °C |
| Ethylene Propylene | EPDM | - 40 °C +150 °C |

Stellen Sie vor dem Trennen sicher, dass kein Medium fließt



Nennweiten



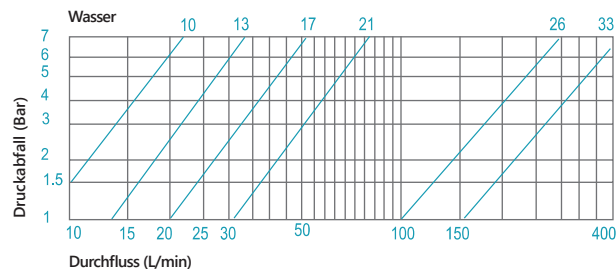
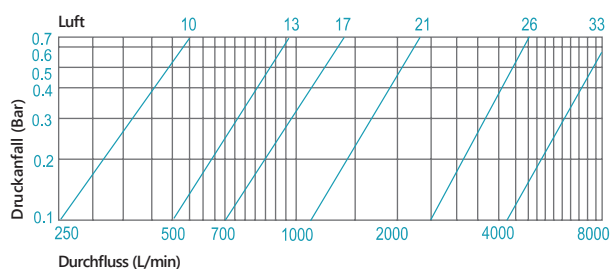
Druck

Siehe Tabelle Seite 76

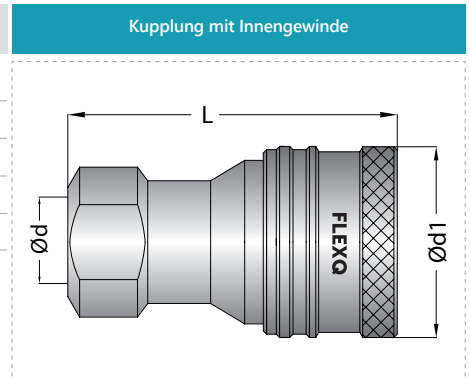


**FLEXQ**

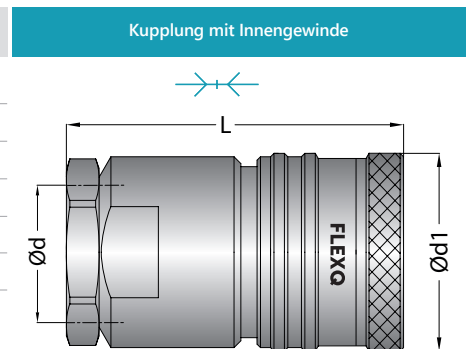
#### Serie PPT - Durchfluss- und Druckabfalldiagramm



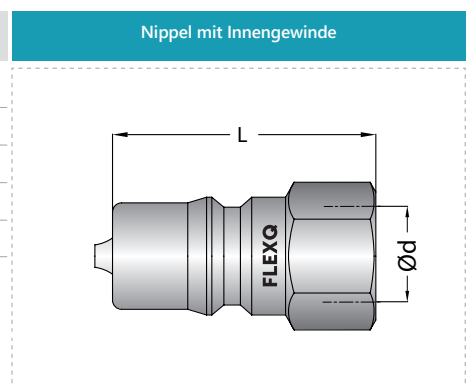
| NW |  |  | Ød      | Ød1 | L   | HEX |
|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|-----|-----|-----|
| 4  | PPT 04 FFB 18                                                                     | PPT 04 FFF 18                                                                     | BSP 1/8 | 25  | 49  | 14  |
| 8  | PPT 08 FFB 14                                                                     | PPT 08 FFF 14                                                                     | BSP 1/4 | 29  | 58  | 19  |
| 10 | PPT 10 FFB 38                                                                     | PPT 10 FFF 38                                                                     | BSP 3/8 | 35  | 64  | 22  |
| 13 | PPT 13 FFB 12                                                                     | PPT 13 FFF 12                                                                     | BSP 1/2 | 44  | 74  | 27  |
| 16 | PPT 16 FFB 34                                                                     | PPT 16 FFF 34                                                                     | BSP 3/4 | 53  | 94  | 36  |
| 19 | PPT 19 FFB 10                                                                     | PPT 19 FFF 10                                                                     | BSP 1   | 60  | 106 | 41  |

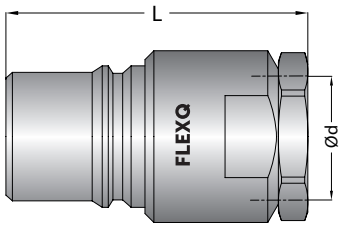


| Size |  |  | Ød        | Ød1 | L   | HEX |
|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|-----|-----|-----|
| 32   | PPT 32 FFB 10                                                                     | PPT 32 FFF 10                                                                     | BSP 1     | 70  | 114 | 60  |
| 32   | PPT 32 FFB 114                                                                    | PPT 32 FFF 114                                                                    | BSP 1-1/4 | 70  | 114 | 60  |
| 32   | PPT 32 FFB 112                                                                    | PPT 32 FFF 112                                                                    | BSP 1-1/2 | 70  | 114 | 60  |
| 38   | PPT 38 FFB 114                                                                    | PPT 38 FFF 114                                                                    | BSP 1-1/4 | 75  | 126 | 65  |
| 38   | PPT 38 FFB 112                                                                    | PPT 38 FFF 112                                                                    | BSP 1-1/2 | 75  | 126 | 65  |
| 50   | PPT 50 FFB 20                                                                     | PPT 50 FFF 20                                                                     | BSP 2     | 105 | 142 | 90  |
| 50   | PPT 50 FFB 212                                                                    | PPT 50 FFF 212                                                                    | BSP 2-1/2 | 110 | 167 | 100 |



| Size |  |  | Ød      | L  | HEX |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|----|-----|
| 4    | PPT 04 MFB 18                                                                       | PPT 04 MFF 18                                                                       | BSP 1/8 | 30 | 14  |
| 8    | PPT 08 MFB 14                                                                       | PPT 08 MFF 14                                                                       | BSP 1/4 | 35 | 19  |
| 10   | PPT 10 MFB 38                                                                       | PPT 10 MFF 38                                                                       | BSP 3/8 | 39 | 22  |
| 13   | PPT 13 MFB 12                                                                       | PPT 13 MFF 12                                                                       | BSP 1/2 | 36 | 27  |
| 16   | PPT 16 MFB 34                                                                       | PPT 16 MFF 34                                                                       | BSP 3/4 | 60 | 36  |
| 19   | PPT 19 MFB 10                                                                       | PPT 19 MFF 10                                                                       | BSP 1   | 65 | 41  |



| Nippel mit Innengewinde                                                           | Size |   |   | Ød        | L   | HEX |
|-----------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-----|
|  | 32   | PPT 32 MFB 10                                                                                                                                                       | PPT 32 MFF 10                                                                                                                                                          | BSP 1     | 114 | 60  |
|                                                                                   | 32   | PPT 32 MFB 114                                                                                                                                                      | PPT 32 MFF 114                                                                                                                                                         | BSP 1-1/4 | 114 | 60  |
|                                                                                   | 32   | PPT 32 MFB 112                                                                                                                                                      | PPT 32 MFF 112                                                                                                                                                         | BSP 1-1/2 | 114 | 60  |
|                                                                                   | 38   | PPT 38 MFB 114                                                                                                                                                      | PPT 38 MFF 114                                                                                                                                                         | BSP 1-1/4 | 126 | 65  |
|                                                                                   | 38   | PPT 38 MFB 112                                                                                                                                                      | PPT 38 MFF 112                                                                                                                                                         | BSP 1-1/2 | 126 | 65  |
|                                                                                   | 50   | PPT 50 MFB 20                                                                                                                                                       | PPT 50 MFF 20                                                                                                                                                          | BSP 2     | 142 | 90  |
|                                                                                   | 50   | PPT 50 MFB 212                                                                                                                                                      | PPT 50 MFF 212                                                                                                                                                         | BSP 2-1/2 | 167 | 100 |

| Technische Spezifikationen                                                                 |           |  | Betriebsdruck |      |       |      |                                    |      |
|--------------------------------------------------------------------------------------------|-----------|--|---------------|------|-------|------|------------------------------------|------|
|  NW       |           |  | Messing       |      | Stahl |      | Edelstahl<br>(AISI 303 / AISI 316) |      |
|                                                                                            |           |  | Bar           | PSI  | Bar   | PSI  | Bar                                | PSI  |
|  PPT 04 | BSP 1/8   |  | 210           | 3045 | 300   | 4350 | 300                                | 4350 |
|  PPT 08 | BSP 1/4   |  | 185           | 2685 | 300   | 4350 | 300                                | 4350 |
|  PPT 10 | BSP 3/8   |  | 150           | 2200 | 280   | 4050 | 280                                | 4050 |
|  PPT 13 | BSP 1/2   |  | 160           | 2320 | 280   | 4050 | 280                                | 4050 |
|  PPT 16 | BSP 3/4   |  | 138           | 2000 | 250   | 3625 | 250                                | 3625 |
|  PPT 19 | BSP 1     |  | 105           | 1500 | 230   | 3350 | 230                                | 3350 |
|  PPT 32 | BSP 1-1/4 |  | 85            | 1250 | 120   | 1750 | 120                                | 1750 |
|  PPT 38 | BSP 1-1/2 |  | 105           | 1500 | 150   | 2175 | 150                                | 2175 |
|  PPT 50 | BSP 2     |  | 50            | 725  | 104   | 4200 | 104                                | 4200 |

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■ MONOKUPPLUNGEN FÜR FLUIDE / SERIE PPT

