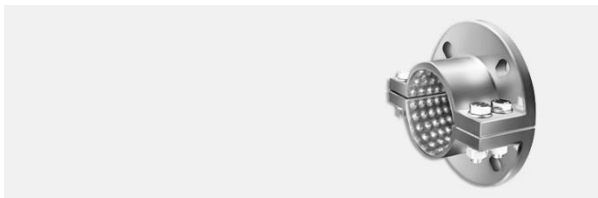


Teknikum® TITAN Select Coupling



APPLICATIONS

Teknikum® TITAN Select is a mechanical coupling for Teknikum TITAN™ series hoses, and Teknikum® Hose Bends with smooth cover. The coupling consists of two or four identical segments which are mounted on the hose, which will enable smooth flow through the connection. The flowing material in the hose is not contact with the coupling.

The coupling is designed for fast, simple fitting and it is easy to rotate around the hose until it is aligned with the connection flange.

The material of the coupling is high strength and lightweight aluminum.

The couplings are used with a gasket made of steel reinforced rubber or polypropylene.

ADVANTAGES

- Safe and durable
- Reusable
- Optimized for smooth hose cover
- Enables smooth flow through the connection
- Easy and simple to install
- Low weight
- Quick and easy to replace

TECHNICAL PROPERTIES

Materials

- Aluminum (high strength)

Dimensions and pressure classes

- DIN / PN 10
- EN 1092-1 / PN 10
- ANSI B 16,5 / 150 lb

Check the details in the table below.

SUITABLE HOSES AND HOSE BENDS

- Teknikum TITAN™
- Teknikum TITAN™ CERAMIC Antistatic
- Teknikum HOSE BENDS 90°
- Teknikum HOSE BENDS 45°

SALES

Teknikum Oy (Business ID FI07645274),
Nokiankatu 1, 38210, Sastamala, Finland

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ORDER REFERENCE

| Product code | Hose o.d. mm | Working press. MPa | Coupling length mm | Gasket | Weight |
|---------------|-----------------|--------------------------|--------------------------|----------------------|--------|
| TITNS050-AL* | 72 ±2 | 1,00 | 90 | TIIV051 | 1,80 |
| TITNS063-AL* | 82 ±2 | 1,00 | 90 | TIIV063 | 2,20 |
| TITNS076-AL** | 100 ±2 | 1,00 | 90 | TIIV076 / TIIV080 | 2,40 |
| TITNS102-AL | 125 ±2 | 1,00 | 135 | TIIV102 | 3,50 |
| TITNS127-AL | 154 ±2 | 1,00 | 165 | TIIV127 | 4,80 |
| TITNS152-AL | 178 ±2 | 1,00 | 200 | TIIV152 | 6,20 |
| TITNS203-AL | 238 ±2 | 1,00 | 260 | TIIV203 | 10,60 |
| TITNS253-AL | 291 ±2 | 0,50 | 200 | TIIV253 | 11,10 |
| TITNS305-AL | 341 ±2 | 0,50 | 240 | TIIV305 | 18,40 |
| TITNS350-AL | 403 ±2 | 0,50 | 280 | TIIV350 | 25,60 |
| TITNS405-AL | 456 ±2 | 0,50 | 400 | TIIV405 | 45,40 |
| TITNS450-AL | 508 ±2 | 0,50 | 450 | TIIV457 | 49,90 |
| TITNS508-AL* | 558 ±2 | 0,50 | 500 | TIIV508 | 61,70 |
| TITNS610-AL* | 664 ±2 | 0,50 | 600 | TIIV610 | 79,50 |

Other sizes available on request.

* Made outside Finland

** Suitable for Teknikum TITAN™ hoses i.d 76 mm and i.d 80 mm

COMPLIANCY

| Product code | Coupling size mm | Pressure classes | |
|--------------|---------------------|------------------|-------------------------|
| | | DIN/ PN 10 | ANSI B 16,5 / 150 lb |
| TITNS050-AL | 51 | 50 | 2" |
| TITNS063-AL | 63 | 65 | 2,5" |
| TITNS076-AL | 76 | 80 | 3" |
| TITNS102-AL | 102 | 100 | 4" |
| TITNS127-AL | 127 | 125 | 5" |
| TITNS152-AL | 152 | 150 | 6" |
| TITNS203-AL | 203 | 200 | 8" |
| TITNS253-AL | 253 | 250 | 10" |
| TITNS305-AL* | 305 | 300 | - |
| TITNS350-AL* | 350 | 350 | - |
| TITNS405-AL | 405 | 400 | 16" |
| TITNS450-AL* | 450 | 450 | - |
| TITNS508-AL | 508 | 500 | 20" |
| TITNS610-AL | 610 | 600 | 24" |

* ANSI version available on request.