



## TPS/T

**Guarnizioni per PISTONE**  
**PISTON seals**

**TECNOTEX**

| Versione standard                 |                 | Standard version              |                      |
|-----------------------------------|-----------------|-------------------------------|----------------------|
| Elemento di tenuta                | NBR             | Sealing Ring                  | NBR                  |
| Anelli di Supporto                | TPE             | Support Ring                  | TPE                  |
| Anelli di Guida                   | POM             | Guide Ring                    | POM                  |
| Versioni Alternative              |                 | Alternative Versions          |                      |
| Elemento <i>di tenuta</i>         | NBR FKM         | Sealing Ring                  | NBR FKM              |
| Elemento <i>di tenuta</i>         | NBR basse temp. | Sealing Ring                  | Low temp. NBR        |
| Pressione fino a / Pressure up to |                 | Velocità fino a / Speed up to |                      |
| 40 MPa                            |                 | 0.8 m/s                       |                      |
| Temperatura / Temperature         |                 |                               |                      |
| -30°C +110°C                      |                 | -20°C +200°C FKM              | -50°C +110°C TDS 108 |
| Applicazioni                      |                 | Applications                  |                      |
| Cilindri per Miniera              |                 | Mining Cylinders              |                      |
| Presse                            |                 | Presses                       |                      |
| Siderurgia                        |                 | Steel Mills                   |                      |



## TPS/G

**Guarnizioni per PISTONE**  
**PISTON seals**

**TECNOTEX**

| Versione standard                 |                 | Standard version              |                      |
|-----------------------------------|-----------------|-------------------------------|----------------------|
| Elemento di tenuta                | NBR             | Sealing Ring                  | NBR                  |
| Anelli di Supporto                | TPE             | Support Ring                  | TPE                  |
| Anelli di Guida                   | POM             | Guide Ring                    | POM                  |
| Versioni Alternative              |                 | Alternative Versions          |                      |
| Elemento <i>di tenuta</i>         | NBR FKM         | Sealing Ring                  | NBR FKM              |
| Elemento <i>di tenuta</i>         | NBR basse temp. | Sealing Ring                  | Low temp. NBR        |
| Pressione fino a / Pressure up to |                 | Velocità fino a / Speed up to |                      |
| 35 MPa                            |                 | 0.5 m/s                       |                      |
| Temperatura / Temperature         |                 |                               |                      |
| -30°C +110°C                      |                 | -20°C +200°C FKM              | -50°C +110°C TDS 108 |
| Applicazioni                      |                 | Applications                  |                      |
| Cilindri Idraulici                |                 | Hydraulic Cylinders           |                      |
| Cilindri per Gru                  |                 | Truck crane Cylinders         |                      |
| Cilindri per Agricoltura          |                 | Agricultural Cylinders        |                      |
| Carrelli Elevatori                |                 | Fork Lifts                    |                      |

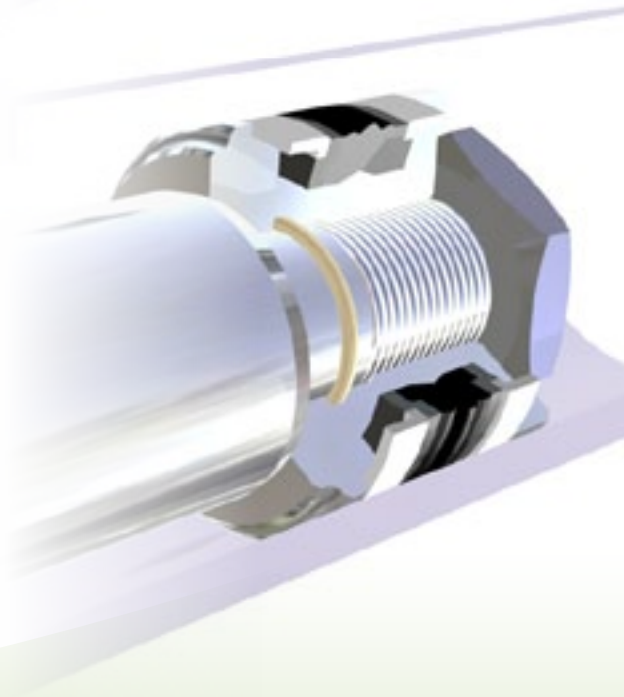
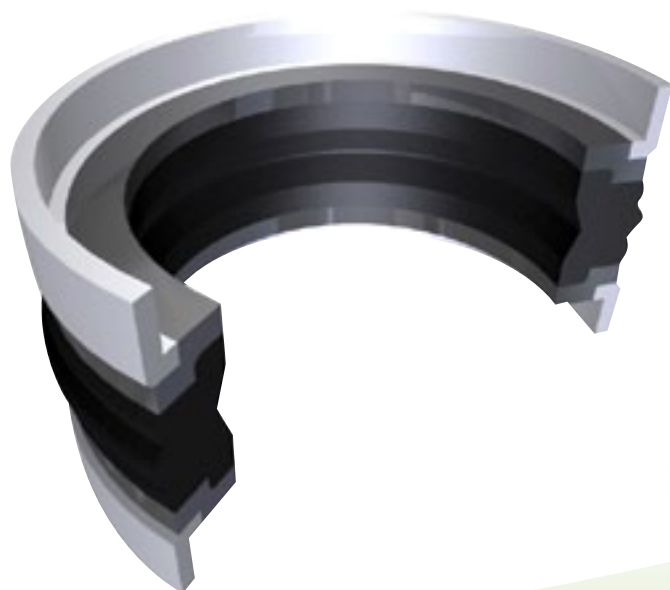
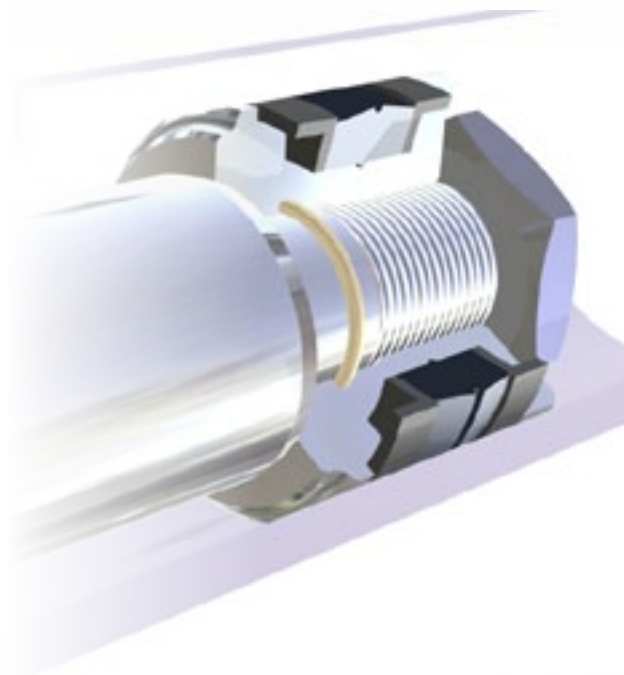
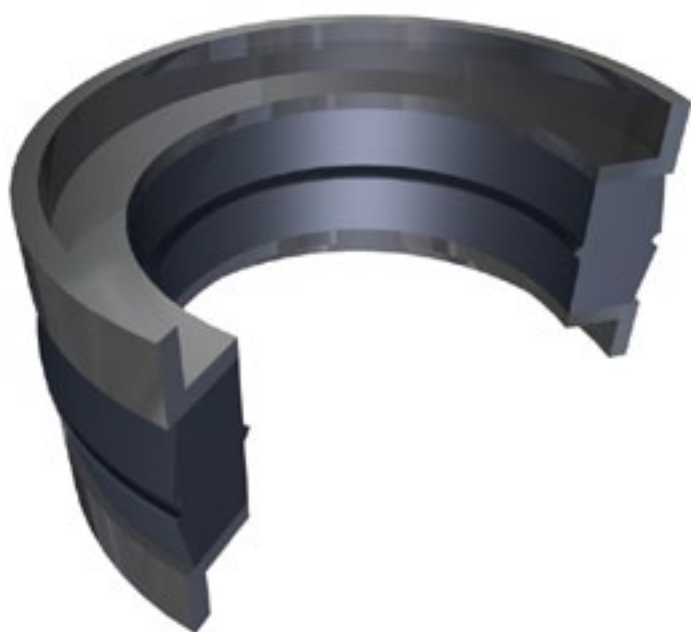


**GUARNITEC**

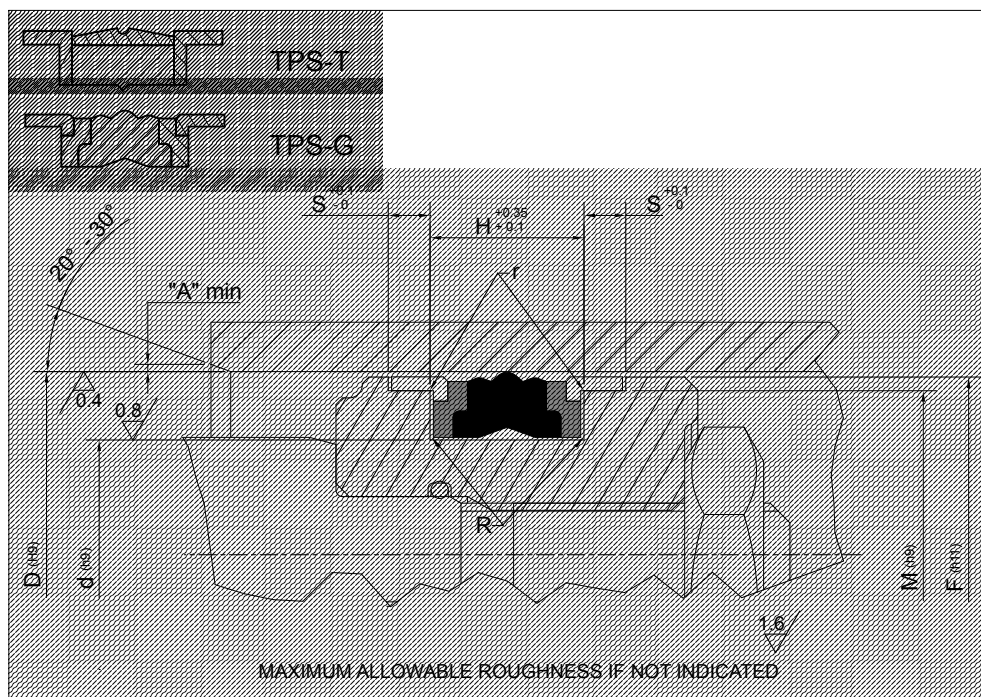
Guarnizioni per PISTONE  
PISTON seals

# TPS/T • TPS/G

130÷133



# TPS/T TPS/G



## Piston Seal design guidelines

| R | d ≤ 100mm   |      | d > 100mm   |                 |
|---|-------------|------|-------------|-----------------|
|   | max 0.40 mm |      | max 0.80 mm |                 |
| r | 0,2 mm      |      |             |                 |
| A | 1 mm        | 2 mm | 3 mm        | 3 mm < A ≤ 5 mm |

| PART NR    |        | DIMENSIONI SEDI / Housing dimensions |        |       |      |        |        |
|------------|--------|--------------------------------------|--------|-------|------|--------|--------|
|            |        | D                                    | d      | H     | S    | M      | F      |
| TPS 9501   | 098066 | 25,00                                | 17,00  | 13,50 | 3,20 | 21,00  | 24,40  |
| TPS 9501/1 | 098055 | 25,00                                | 14,00  | 13,50 | 3,20 | 21,00  | 24,40  |
| TPS 9502   | 118086 | 30,00                                | 22,00  | 13,50 | 3,20 | 26,00  | 29,40  |
| TPS 9502/1 | 118075 | 30,00                                | 19,00  | 13,50 | 3,20 | 26,00  | 29,40  |
| TPS 9503   | 125094 | 32,00                                | 24,00  | 15,50 | 3,20 | 28,00  | 31,40  |
| TPS 9503/1 | 125083 | 32,00                                | 21,00  | 15,50 | 3,20 | 28,00  | 31,40  |
| TPS 9504   | 137106 | 35,00                                | 27,00  | 15,50 | 3,20 | 31,00  | 34,40  |
| TPS 9504/1 | 137094 | 35,00                                | 24,00  | 15,50 | 3,20 | 31,00  | 34,40  |
| TPS 9505   | 157125 | 40,00                                | 32,00  | 15,50 | 3,20 | 36,00  | 39,40  |
| TPS 9505/1 | 157114 | 40,00                                | 29,00  | 15,50 | 3,20 | 36,00  | 39,40  |
| TPS 9506   | 177145 | 45,00                                | 37,00  | 15,50 | 3,20 | 41,00  | 44,40  |
| TPS 9507   | 196149 | 50,00                                | 38,00  | 20,50 | 4,20 | 46,00  | 49,40  |
| TPS 9507/1 | 216175 | 55,00                                | 43,00  | 20,50 | 4,20 | 51,00  | 54,90  |
| TPS 9508   | 236188 | 60,00                                | 48,00  | 20,50 | 4,20 | 56,00  | 59,40  |
| TPS 9509   | 248200 | 63,00                                | 51,00  | 20,50 | 4,20 | 59,00  | 62,40  |
| TPS 9509/1 | 255208 | 65,00                                | 53,00  | 20,50 | 4,20 | 61,00  | 64,40  |
| TPS 9510   | 275228 | 70,00                                | 58,00  | 20,50 | 4,20 | 66,00  | 69,40  |
| TPS 9510/1 | 295248 | 75,00                                | 63,00  | 20,50 | 4,20 | 71,00  | 74,40  |
| TPS 9511   | 314259 | 80,00                                | 66,00  | 22,50 | 5,20 | 76,00  | 79,40  |
| TPS 9511/1 | 334279 | 85,00                                | 71,00  | 22,50 | 5,20 | 81,00  | 84,40  |
| TPS 9512   | 354299 | 90,00                                | 76,00  | 22,50 | 5,20 | 86,00  | 89,40  |
| TPS 9513   | 393338 | 100,00                               | 86,00  | 22,50 | 5,20 | 96,00  | 99,40  |
| TPS 9514   | 433377 | 110,00                               | 96,00  | 22,50 | 5,20 | 106,00 | 109,40 |
| TPS 9515   | 472417 | 120,00                               | 106,00 | 22,50 | 5,20 | 116,00 | 119,40 |
| TPS 9516   | 492425 | 125,00                               | 108,00 | 26,50 | 7,20 | 121,00 | 124,40 |
| TPS 9516/1 | 511445 | 130,00                               | 113,00 | 26,50 | 7,20 | 126,00 | 129,40 |
| TPS 9516/2 | 531464 | 135,00                               | 118,00 | 26,50 | 7,20 | 131,00 | 134,40 |

