

Casquillo reductor de agujeros  
para abrazaderas TCC, tecnopolímero

MATERIAL

Tecnopolímero de base poliamídica (PA) reforzado con fibra de vidrio, color negro RAL 9005 (C9) o gris RAL 7040 (C33), acabado mate.

EJECUCIONES ESTÁNDAR

**TCC-A:** para tubos redondos de diámetro de "d1" ±0,2mm.

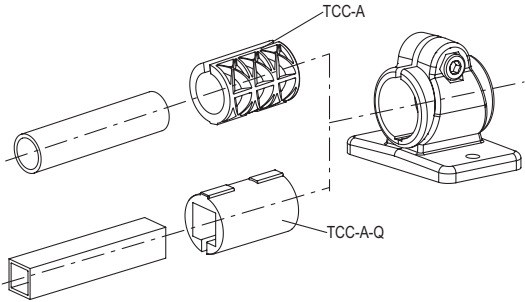
**TCC-A-Q:** para tubos de sección cuadrada "s" ±0,2mm.

DATOS TÉCNICOS

Los valores de resistencia indicados en la tabla han sido calculados en pruebas de laboratorio a temperatura ambiente con los tornillos apretados con el par máximo de 5 Nm en TCC-A 18 y de 12 Nm en TCC-A 30.

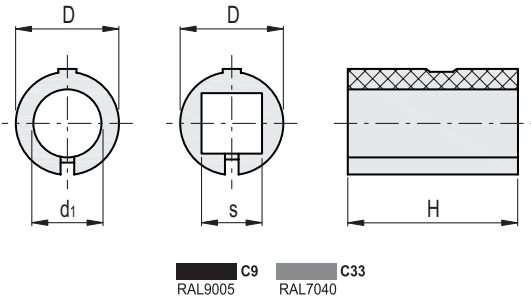


ELESA Original design



TCC-A

TCC-A-Q



C9 RAL9005 C33 RAL7040

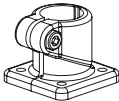
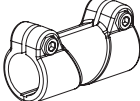
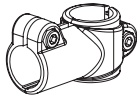
TCC-A

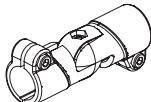
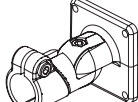
| Código     | Descripción     | D  | H  | d1 | ⚖  |
|------------|-----------------|----|----|----|----|
| 600101-C9  | TCC-A-18-12-C9  | 18 | 29 | 12 | 5  |
| 600101-C33 | TCC-A-18-12-C33 | 18 | 29 | 12 | 5  |
| 600102-C9  | TCC-A-18-14-C9  | 18 | 29 | 14 | 4  |
| 600102-C33 | TCC-A-18-14-C33 | 18 | 29 | 14 | 4  |
| 600103-C9  | TCC-A-18-15-C9  | 18 | 29 | 15 | 4  |
| 600103-C33 | TCC-A-18-15-C33 | 18 | 29 | 15 | 4  |
| 600104-C9  | TCC-A-18-16-C9  | 18 | 29 | 16 | 3  |
| 600104-C33 | TCC-A-18-16-C33 | 18 | 29 | 16 | 3  |
| 600201-C9  | TCC-A-30-20-C9  | 30 | 45 | 20 | 15 |
| 600201-C33 | TCC-A-30-20-C33 | 30 | 45 | 20 | 15 |
| 600202-C9  | TCC-A-30-25-C9  | 30 | 45 | 25 | 10 |
| 600202-C33 | TCC-A-30-25-C33 | 30 | 45 | 25 | 10 |

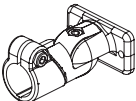
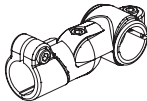
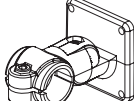
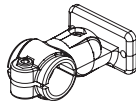
TCC-A-Q

| Código     | Descripción      | D  | H  | s  | ⚖  |
|------------|------------------|----|----|----|----|
| 600107-C9  | TCC-AQ-18-10-C9  | 18 | 29 | 10 | 6  |
| 600107-C33 | TCC-AQ-18-10-C33 | 18 | 29 | 10 | 6  |
| 600108-C9  | TCC-AQ-18-12-C9  | 18 | 29 | 12 | 4  |
| 600108-C33 | TCC-AQ-18-12-C33 | 18 | 29 | 12 | 4  |
| 600207-C9  | TCC-AQ-30-20-C9  | 30 | 45 | 20 | 17 |
| 600207-C33 | TCC-AQ-30-20-C33 | 30 | 45 | 20 | 17 |

Resistencia a la extracción (F1) y a la rotación (M1) del tubo con los casquillos reductores insertados en los distintos tipos de abrazadera

|              | TCC-AB                                                                            |            | TCC-CR                                                                            |            | TCC-SL                                                                            |            | TCC-TB                                                                            |            | TCC-TS                                                                              |            |
|--------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|              |  |            |  |            |  |            |  |            |  |            |
|              | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                           | M1<br>[Nm] |
| TCC-A-18-12  | 900                                                                               | 5          | 1250                                                                              | 5          | 900                                                                               | 5          | 900                                                                               | 5          | 900                                                                                 | 5          |
| TCC-A-18-14  | 1000                                                                              | 7          | 1650                                                                              | 10         | 1400                                                                              | 7          | 1050                                                                              | 8          | 1200                                                                                | 7          |
| TCC-A-18-15  | 1000                                                                              | 7          | 1650                                                                              | 14         | 1400                                                                              | 10         | 1100                                                                              | 13         | 1200                                                                                | 11         |
| TCC-A-18-16  | 1050                                                                              | 7          | 2000                                                                              | 14         | 1300                                                                              | 11         | 1200                                                                              | 14         | 1250                                                                                | 12         |
| TCC-A-30-20  | 1000                                                                              | 8          | 1000                                                                              | 5          | 1000                                                                              | 6          | 1150                                                                              | 7          | 1000                                                                                | 6          |
| TCC-A-30-25  | 1350                                                                              | 11         | 1300                                                                              | 7          | 1300                                                                              | 7          | 1600                                                                              | 7          | 1400                                                                                | 7          |
| TCC-AQ-18-10 | 200                                                                               | -          | 400                                                                               | -          | 200                                                                               | -          | 250                                                                               | -          | 250                                                                                 | -          |
| TCC-AQ-18-12 | 400                                                                               | -          | 800                                                                               | -          | 400                                                                               | -          | 500                                                                               | -          | 500                                                                                 | -          |
| TCC-AQ-30-20 | 900                                                                               | -          | 800                                                                               | -          | 600                                                                               | -          | 1150                                                                              | -          | 1000                                                                                | -          |

|              | TCC-AP                                                                            |            | TCC-TP                                                                            |            | TCC-AP-AP                                                                         |            | TCC-AP-PB                                                                           |            |
|--------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
|              |  |            |  |            |  |            |  |            |
|              | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                         | M1<br>[Nm] | F1<br>[N]                                                                           | M1<br>[Nm] |
| TCC-A-18-12  | 750                                                                               | 5          | 700                                                                               | 4          | 750                                                                               | 5          | 750                                                                                 | 5          |
| TCC-A-18-14  | 850                                                                               | 7          | 900                                                                               | 6          | 850                                                                               | 7          | 850                                                                                 | 7          |
| TCC-A-18-15  | 850                                                                               | 7          | 900                                                                               | 8          | 850                                                                               | 7          | 850                                                                                 | 7          |
| TCC-A-18-16  | 900                                                                               | 7          | 950                                                                               | 9          | 900                                                                               | 7          | 900                                                                                 | 7          |
| TCC-A-30-20  | 1600                                                                              | 12         | 1600                                                                              | 12         | 1600                                                                              | 12         | 1600                                                                                | 12         |
| TCC-A-30-25  | 2700                                                                              | 15         | 2700                                                                              | 15         | 2700                                                                              | 15         | 2700                                                                                | 15         |
| TCC-AQ-18-10 | 150                                                                               | -          | 200                                                                               | -          | 150                                                                               | -          | 150                                                                                 | -          |
| TCC-AQ-18-12 | 350                                                                               | -          | 400                                                                               | -          | 350                                                                               | -          | 350                                                                                 | -          |
| TCC-AQ-30-20 | 1400                                                                              | -          | 1400                                                                              | -          | 1400                                                                              | -          | 1400                                                                                | -          |

|              | TCC-AP-PBF                                                                          |            | TCC-AP-TP                                                                           |            | TCC-TP-PB                                                                           |            | TCC-TP-PBF                                                                            |            |
|--------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|
|              |  |            |  |            |  |            |  |            |
|              | F1<br>[N]                                                                           | M1<br>[Nm] | F1<br>[N]                                                                           | M1<br>[Nm] | F1<br>[N]                                                                           | M1<br>[Nm] | F1<br>[N]                                                                             | M1<br>[Nm] |
| TCC-A-18-12  | 750                                                                                 | 5          | 750                                                                                 | 5          | 700                                                                                 | 4          | 700                                                                                   | 4          |
| TCC-A-18-14  | 850                                                                                 | 7          | 850                                                                                 | 7          | 900                                                                                 | 6          | 900                                                                                   | 6          |
| TCC-A-18-15  | 850                                                                                 | 7          | 850                                                                                 | 7          | 900                                                                                 | 8          | 900                                                                                   | 8          |
| TCC-A-18-16  | 900                                                                                 | 7          | 900                                                                                 | 7          | 950                                                                                 | 9          | 950                                                                                   | 9          |
| TCC-A-30-20  | 1600                                                                                | 12         | 1600                                                                                | 12         | 1600                                                                                | 12         | 1600                                                                                  | 12         |
| TCC-A-30-25  | 2700                                                                                | 15         | 2700                                                                                | 15         | 2700                                                                                | 15         | 2700                                                                                  | 15         |
| TCC-AQ-18-10 | 150                                                                                 | -          | 150                                                                                 | -          | 200                                                                                 | -          | 200                                                                                   | -          |
| TCC-AQ-18-12 | 350                                                                                 | -          | 350                                                                                 | -          | 400                                                                                 | -          | 400                                                                                   | -          |
| TCC-AQ-30-20 | 1400                                                                                | -          | 1400                                                                                | -          | 1400                                                                                | -          | 1400                                                                                  | -          |

