

## Nuts and Couplers

### Couplers

We offer different couplers for the force-fit connection of two threadbars. A stop pin in the middle of the coupler ensures an equal screwing-in length of both bars. Two fixed threadbars can be connected and tensioned using a turnbuckle splice.

#### Hex Coupler



| Article No.                 | Bar Ø<br>[mm] | Length<br>[mm] | Hex<br>[mm] | Weight<br>[kg/pc.] |
|-----------------------------|---------------|----------------|-------------|--------------------|
| 15 F 2002/90 <sup>1)</sup>  | 15            | 90             | 30          | 0.40               |
| 15 F 3005                   | 15            | 105            | 30          | 0.45               |
| 20 F 3005                   | 20            | 130            | 36          | 0.74               |
| 26 E 3005/120 <sup>2)</sup> | 26.5          | 120            | 46          | 1.10               |
| 26 E 3005/150               | 26.5          | 150            | 46          | 1.38               |

1) Working load of 15 F 2002/90: 80kN

2) Working load of 26 E 3005/120: 200kN

Screwing-in length is guaranteed by stop pin

All Couplers are also available galvanized > Article No. .../V  
(example: 15 F 3005/V)

#### Round Coupler



| Article No. | Bar Ø<br>[mm] | Length<br>[mm] | Diameter<br>[mm] | Weight<br>[kg/pc.] |
|-------------|---------------|----------------|------------------|--------------------|
| 15 F 3003   | 15            | 105            | 30               | 0.40               |
| 20 F 3003   | 20            | 130            | 40               | 0.85               |
| 26 E 3003   | 26.5          | 150            | 50               | 1.50               |

Screwing-in length is guaranteed by stop pin

All Couplers are also available galvanized > Article No. .../V  
(example: 15 F 3003/V)

#### Turnbuckle Splice



| Article No.  | Bar Ø<br>[mm] | Length<br>[mm] | Hex<br>[mm] | Weight<br>[kg/pc.] |
|--------------|---------------|----------------|-------------|--------------------|
| 15 F 3013/14 | 15            | 185            | 41          | 1.40               |
| 20 F 3013/14 | 20            | 190            | 46          | 1.90               |
| 26 E 3013/14 | 26.5          | 250            | 60          | 3.80               |

For screwing and tensioning with two fixed bar ends

15 F 3013/14: Tensile force of 40kN if a torque of 0.5kNm is applied

20 F 3013/14: Tensile force of 70kN if a torque of 0.75kNm is applied

26 E 3013/14: Tensile force of 100kN if a torque of 1.0kNm is applied

Unless noted, working loads of Nuts and Couplers are as follows:  
12 F ....: 30kN; 15 F ....: 90kN; 20 F ....: 150kN; 26 E ....: 250kN