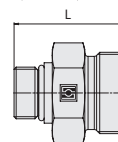
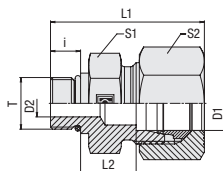


## Straight Male Stud Fitting Type FI-GE-...-M-OR • Series S



### Metric Parallel Thread

### O-Ring

#### Ordering Codes

**\*FI-GE\*-10\*S\*M\*-OR\*-B\*-W3\*-MS**

|                                                                         |                                                                    |                        |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------|
| * Straight Male Stud Fitting                                            |                                                                    | <b>FI-GE</b>           |
| * Outside Tube Diameter D1 (in mm)                                      |                                                                    | <b>-10</b>             |
| * Series                                                                | Light Series (page 57)<br>Heavy Series (page 58)                   | <b>L</b><br><b>S</b>   |
| * Thread Type                                                           | Metric Parallel Thread                                             | <b>M</b>               |
| If required, please indicate special sizes, e.g. M12x1.5!               |                                                                    |                        |
| * Seal Type                                                             | O-Ring                                                             | <b>-OR</b>             |
| * Seal Material                                                         | NBR (Buna-N®)<br>FKM (Viton®)                                      | <b>-B</b><br><b>-V</b> |
| * Material Code                                                         | Steel, zinc/nickel-plated                                          | <b>-W3</b>             |
| Please contact STAUFF for alternative materials and surface finishings. |                                                                    |                        |
| * Assembling / Kitting                                                  | Fitting body only                                                  | <b>—</b>               |
|                                                                         | Fitting body supplied with cutting ring and union nut              | <b>-MS</b>             |
|                                                                         | Fitting body supplied with soft-sealing cutting ring and union nut | <b>-MSV</b>            |

| Series | Tube OD<br>mm<br>D1 | PN<br>bar | Dimensions<br>mm<br>Thread T | D2 | i    | L    | L1 <sup>1</sup> | L2   | S1 | S2 | Torque<br>N-m<br>Thread T | Weight<br>kg ca.<br>per 100 | Ordering Codes <sup>3</sup> |
|--------|---------------------|-----------|------------------------------|----|------|------|-----------------|------|----|----|---------------------------|-----------------------------|-----------------------------|
| S      | 6                   | 800       | M 12 x 1,5                   | 4  | 11   | 31   | 39              | 13   | 17 | 17 | 35                        | 2,93                        | FI-GE-06SM-OR-B-W3          |
|        | 8                   | 800       | M 14 x 1,5                   | 5  | 11   | 33   | 41              | 15   | 19 | 19 | 40                        | 4,22                        | FI-GE-08SM-OR-B-W3          |
|        | 10                  | 800       | M 16 x 1,5                   | 7  | 12,5 | 35   | 44              | 15   | 22 | 22 | 55                        | 6,11                        | FI-GE-10SM-OR-B-W3          |
|        | 12                  | 630       | M 14 x 1,5                   | 6  | 11   | 35,5 | 44              | 17   | 24 | 19 | 40                        | 6                           | FI-GE-12SM14x1.5-OR-B-W3    |
|        | 12                  | 630       | M 18 x 1,5                   | 8  | 14   | 38,5 | 47,5            | 17   | 24 | 24 | 70                        | 3,41                        | FI-GE-12SM-OR-B-W3          |
|        | 16                  | 630       | M 22 x 1,5                   | 12 | 15   | 42   | 52              | 18,5 | 27 | 30 | 100                       | 6,37                        | FI-GE-16SM-OR-B-W3          |
|        | 20                  | 420       | M 27 x 2                     | 15 | 18,5 | 49,5 | 60,5            | 20,5 | 32 | 36 | 170                       | 16,88                       | FI-GE-20SM-OR-B-W3          |
|        | 25                  | 420       | M 33 x 2                     | 20 | 18,5 | 53,5 | 65,5            | 23   | 41 | 46 | 310                       | 27,42                       | FI-GE-25SM-OR-B-W3          |
|        | 30                  | 420       | M 42 x 2                     | 25 | 19   | 56   | 69              | 23,5 | 50 | 50 | 330                       | 42,45                       | FI-GE-30SM-OR-B-W3          |
|        | 38                  | 420       | M 48 x 2                     | 32 | 21,5 | 63,5 | 78,5            | 26   | 55 | 60 | 420                       | 58,60                       | FI-GE-38SM-OR-B-W3          |

<sup>1</sup> Approximate dimension in assembled condition.

<sup>2</sup> Weight excluding cutting ring and union nut.

<sup>3</sup> Standard scope of delivery: Fitting body only.

Male stud acc. to ISO 6149-2/-3

Port acc. to ISO 6149-1

Torque recommendations for Steel mating material.

Standard seal material is NBR (Buna-N®).

Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.

#### Connecting Parts

|  |                                                   |         |
|--|---------------------------------------------------|---------|
|  | Cutting Ring<br>Type <b>FI-DS</b>                 | Page 28 |
|  | Soft-Sealing Cutting Ring<br>Type <b>FI-WDDS</b>  | Page 29 |
|  | Support Sleeve<br>Type <b>FI-VH</b>               | Page 31 |
|  | STAUFF Form EVO Sealing Ring<br>Type <b>FI-FD</b> | Page 32 |
|  | Union Nut<br>Type <b>FI-M</b>                     | Page 33 |
|  | 37° Flared Tube Fitting Set<br>Type <b>FI-AB</b>  | Page 37 |

#### Spare Parts / Accessories

|  |                              |          |
|--|------------------------------|----------|
|  | O-Ring<br>Type <b>O-RING</b> | Page 239 |
|--|------------------------------|----------|

