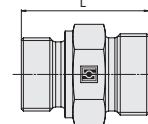
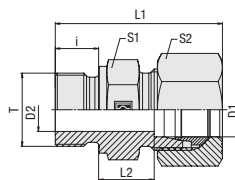


## Straight Male Stud Fitting Type FI-GE-...-R • Series S



### Whitworth Parallel Pipe Thread (BSPP)

### Metallic Sealing Edge

#### Ordering Codes

#### \*FI-GE\*-10\*S\*R\*-W3\*-MS

|                                                                         |                                                                                                                                                                                  |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * Straight Male Stud Fitting                                            | <b>FI-GE</b>                                                                                                                                                                     |
| * Outside Tube Diameter D1 (in mm)                                      | <b>-10</b>                                                                                                                                                                       |
| * Series                                                                | Extra-Light Series (page 40) <b>LL</b><br>Light Series (pages 40/41) <b>L</b><br>Heavy Series (pages 42/43) <b>S</b>                                                             |
| * Thread Type                                                           | Whitworth Parallel Pipe Thread (BSPP) <b>R</b>                                                                                                                                   |
| If required, please indicate special sizes, e.g. R1/8!                  |                                                                                                                                                                                  |
| * 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><br>Fitting body supplied with cutting ring and union nut <b>-MS</b><br>Fitting body supplied with soft-sealing cutting ring and union nut <b>-MSV</b> |

#### 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 |

| Series | Tube OD<br>(mm/in)<br>D1 | PN<br>(bar/psi) | Dimensions<br>(mm/in)<br>Thread T | D2  | i   | L    | L1 <sup>1</sup> | L2   | S1   | S2   | Torque<br>(Nm/ft-lb)<br>Thread T | Weight<br>(kg/lbs) ca.<br>per 100 | Ordering Codes <sup>3</sup> |
|--------|--------------------------|-----------------|-----------------------------------|-----|-----|------|-----------------|------|------|------|----------------------------------|-----------------------------------|-----------------------------|
| S      | 6                        | 500             | G 1/8                             | 4   | 8   | 28   | 36              | 13   | 17   | 17   | 30                               | 2,55                              | FI-GE-06SR1/8-W3            |
|        | .24                      | 7252            |                                   | .16 | .31 | 1.10 | 1.42            | .51  | .67  | .67  | 22.1                             | 5.62                              |                             |
|        | 6                        | 630             | G 1/4                             | 4   | 12  | 32   | 40              | 13   | 19   | 17   | 80                               | 3,49                              | FI-GE-06SR-W3               |
|        | .24                      | 9135            |                                   | .16 | .47 | 1.26 | 1.57            | .51  | .75  | .67  | 59                               | 7.77                              |                             |
|        | 6                        | 630             | G 3/8                             | 4   | 12  | 34,5 | 42,5            | 15,5 | 22   | 17   | 130                              | 2,29                              | FI-GE-06SR3/8-W3            |
|        | .24                      | 9135            |                                   | .16 | .47 | 1.36 | 1.67            | .61  | .87  | .67  | 95.9                             | 5.03                              |                             |
|        | 6                        | 630             | G 1/2                             | 4   | 14  | 39   | 47              | 18   | 27   | 17   | 220                              | 9,40                              | FI-GE-06SR1/2-W3            |
|        | .24                      | 9135            |                                   | .16 | .55 | 1.54 | 1.85            | .71  | 1.06 | .67  | 162.3                            | 20.68                             |                             |
|        | 8                        | 630             | G 1/4                             | 5   | 12  | 34   | 42              | 15   | 19   | 19   | 80                               | 4,06                              | FI-GE-08SR-W3               |
|        | .31                      | 9135            |                                   | .20 | .47 | 1.34 | 1.65            | .59  | .75  | .75  | 59                               | 8.93                              |                             |
|        | 8                        | 630             | G 3/8                             | 5   | 12  | 34,5 | 42,5            | 15,5 | 22   | 19   | 130                              | 5,77                              | FI-GE-08SR3/8-W3            |
|        | .31                      | 9135            |                                   | .20 | .47 | 1.36 | 1.67            | .61  | .87  | .75  | 95.9                             | 12.69                             |                             |
|        | 8                        | 630             | G 1/2                             | 5   | 14  | 39   | 47              | 18   | 27   | 19   | 220                              | 9,91                              | FI-GE-08SR1/2-W3            |
|        | .31                      | 9135            |                                   | .20 | .55 | 1.54 | 1.85            | .71  | 1.06 | .75  | 162.3                            | 21.80                             |                             |
|        | 10                       | 630             | G 1/4                             | 5   | 12  | 34   | 43              | 14,5 | 19   | 22   | 80                               | 4,35                              | FI-GE-10SR1/4-W3            |
|        | .39                      | 9135            |                                   | .20 | .47 | 1.34 | 1.69            | .57  | .75  | .87  | 59                               | 9.57                              |                             |
|        | 10                       | 630             | G 3/8                             | 7   | 12  | 34,5 | 43,5            | 15   | 22   | 22   | 130                              | 5,68                              | FI-GE-10SR-W3               |
|        | .39                      | 9135            |                                   | .28 | .47 | 1.36 | 1.71            | .59  | .87  | .87  | 95.9                             | 12.50                             |                             |
|        | 10                       | 630             | G 1/2                             | 7   | 14  | 39   | 48              | 17,5 | 27   | 22   | 220                              | 9,73                              | FI-GE-10SR1/2-W3            |
|        | .39                      | 9135            |                                   | .28 | .55 | 1.54 | 1.89            | .69  | 1.06 | .87  | 162.3                            | 21.41                             |                             |
|        | 12                       | 630             | G 1/4                             | 5   | 12  | 36   | 45              | 16,5 | 22   | 24   | 80                               | 5,93                              | FI-GE-12SR1/4-W3            |
|        | .47                      | 9135            |                                   | .20 | .47 | 1.42 | 1.77            | .65  | .87  | .94  | 59                               | 13.05                             |                             |
|        | 12                       | 630             | G 3/8                             | 8   | 12  | 36,5 | 45,5            | 17   | 22   | 24   | 130                              | 5,02                              | FI-GE-12SR-W3               |
|        | .47                      | 9135            |                                   | .31 | .47 | 1.44 | 1.79            | .67  | .87  | .94  | 95.9                             | 11.04                             |                             |
|        | 12                       | 630             | G 1/2                             | 8   | 14  | 39   | 48              | 17,5 | 27   | 24   | 220                              | 9,72                              | FI-GE-12SR1/2-W3            |
|        | .47                      | 9135            |                                   | .31 | .55 | 1.54 | 1.89            | .69  | 1.06 | .94  | 162.3                            | 21.38                             |                             |
|        | 12                       | 630             | G 3/4                             | 8   | 16  | 43   | 52              | 19,5 | 32   | 24   | 350                              | 16,48                             | FI-GE-12SR3/4-W3            |
|        | .47                      | 9135            |                                   | .31 | .63 | 1.69 | 2.05            | .77  | 1.26 | .94  | 258.1                            | 36.26                             |                             |
|        | 14                       | 400             | G 1/4                             | 5   | 12  | 36   | 46              | 16   | 22   | 27   | 80                               | 6,72                              | FI-GE-14SR1/4-W3            |
|        | .55                      | 5800            |                                   | .20 | .47 | 1.42 | 1.81            | .63  | .87  | 1.06 | 59                               | 14.78                             |                             |
|        | 14                       | 400             | G 3/8                             | 8   | 12  | 38,5 | 48,5            | 18,5 | 22   | 27   | 130                              | 6,95                              | FI-GE-14SR3/8-W3            |
|        | .55                      | 5800            |                                   | .31 | .47 | 1.52 | 1.91            | .73  | .87  | 1.06 | 95.9                             | 15.29                             |                             |
|        | 14                       | 400             | G 1/2                             | 10  | 14  | 41   | 51              | 19   | 27   | 27   | 220                              | 9,79                              | FI-GE-14SR-W3               |
|        | .55                      | 5800            |                                   | .39 | .55 | 1.61 | 2.01            | .75  | 1.06 | 1.06 | 162.3                            | 21.54                             |                             |
|        | 14                       | 400             | G 3/4                             | 10  | 16  | 45   | 55              | 21   | 32   | 27   | 350                              | 16,30                             | FI-GE-14SR3/4-W3            |
|        | .55                      | 5800            |                                   | .39 | .63 | 1.77 | 2.17            | .83  | 1.26 | 1.06 | 258.1                            | 35.86                             |                             |
|        | 16                       | 400             | G 3/8                             | 8   | 12  | 38,5 | 48,5            | 18   | 27   | 30   | 130                              | 6,42                              | FI-GE-16SR3/8-W3            |
|        | .63                      | 5800            |                                   | .31 | .47 | 1.52 | 1.91            | .71  | 1.06 | 1.18 | 95.9                             | 14.12                             |                             |
|        | 16                       | 400             | G 1/2                             | 12  | 14  | 41   | 51              | 18,5 | 27   | 30   | 220                              | 9,15                              | FI-GE-16SR-W3               |
|        | .63                      | 5800            |                                   | .47 | .55 | 1.61 | 2.01            | .73  | 1.06 | 1.18 | 162.3                            | 21.13                             |                             |
|        | 16                       | 400             | G 3/4                             | 12  | 16  | 45   | 55              | 20,5 | 32   | 30   | 350                              | 15,75                             | FI-GE-16SR3/4-W3            |
|        | .63                      | 5800            |                                   | .47 | .63 | 1.77 | 2.17            | .81  | 1.26 | 1.18 | 258.1                            | 34.65                             |                             |
|        | 16                       | 400             | G 1                               | 20  | 18  | 49   | 60              | 22,5 | 41   | 30   | 700                              | 24,6                              | FI-GE-16SR1-W3              |
|        | .63                      | 5800            |                                   | .79 | .71 | 1.93 | 2.36            | .89  | 1.61 | 1.18 | 516.3                            | 54.23                             |                             |

<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.

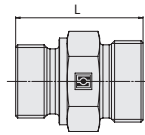
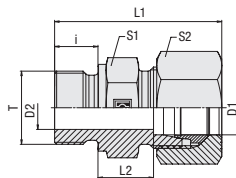
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)  
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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.



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



C

### Metallic Sealing Edge

### Whitworth Parallel Pipe Thread (BSPP)

| Series | Tube OD                           | PN                                  | Dimensions                        |         |     |      |                 |      |      |      |                                       | Torque                                 | Weight           | Ordering Codes <sup>3</sup> |
|--------|-----------------------------------|-------------------------------------|-----------------------------------|---------|-----|------|-----------------|------|------|------|---------------------------------------|----------------------------------------|------------------|-----------------------------|
|        | ( <sup>mm</sup> / <sub>in</sub> ) | ( <sup>bar</sup> / <sub>PSI</sub> ) | ( <sup>mm</sup> / <sub>in</sub> ) |         |     |      |                 |      |      |      | ( <sup>N·m</sup> / <sub>ft·lb</sub> ) | ( <sup>kg</sup> / <sub>lbs</sub> ) ca. |                  |                             |
|        | D1                                |                                     | Thread T                          | D2      | i   | L    | L1 <sup>1</sup> | L2   | S1   | S2   | Thread T                              | per 100                                |                  |                             |
| S      | 20                                | 250                                 | G 1/2                             | 12      | 14  | 45   | 56              | 20.5 | 32   | 36   | 220                                   | 13,69                                  | FI-GE-20SR1/2-W3 |                             |
|        | .79                               | 3625                                |                                   | .47     | .55 | 1.77 | 2.20            | .81  | 1.26 | 1.42 | 162.3                                 | 30.11                                  |                  |                             |
|        | 20                                | 250                                 |                                   | G 3/4   | 16  | 16   | 47              | 58   | 20.5 | 32   | 36                                    | 350                                    |                  | 15,24                       |
|        | .79                               | 3625                                | .63                               |         | .63 | 1.85 | 2.28            | .81  | 1.26 | 1.42 | 258.1                                 | 33.54                                  |                  |                             |
|        | 20                                | 250                                 | G 1                               |         | 16  | 18   | 51              | 62   | 22.5 | 41   | 36                                    | 700                                    | 25,90            | FI-GE-20SR1-W3              |
|        | .79                               | 3625                                |                                   | .63     | .71 | 2.01 | 2.44            | .89  | 1.61 | 1.42 | 516.3                                 | 56.98                                  |                  |                             |
|        | 25                                | 250                                 |                                   | G 3/4   | 16  | 16   | 51              | 63   | 23   | 41   | 46                                    | 350                                    | 24,73            |                             |
|        | .98                               | 3625                                | .63                               |         | .63 | 2.01 | 2.48            | .91  | 1.61 | 1.81 | 258.1                                 | 54.40                                  |                  |                             |
|        | 25                                | 250                                 | G 1                               |         | 20  | 18   | 53              | 65   | 23   | 41   | 46                                    | 700                                    | 26,89            | FI-GE-25SR-W3               |
|        | .98                               | 3625                                |                                   | .79     | .71 | 2.09 | 2.56            | .91  | 1.61 | 1.81 | 516.3                                 | 59.16                                  |                  |                             |
|        | 25                                | 250                                 |                                   | G 1 1/4 | 20  | 20   | 55              | 67   | 23   | 50   | 46                                    | 850                                    | 23,28            |                             |
|        | .98                               | 3625                                | .79                               |         | .79 | 2.17 | 2.64            | .91  | 1.97 | 1.81 | 627                                   | 51.22                                  |                  |                             |
|        | 30                                | 200                                 | G 3/4                             |         | 16  | 16   | 53              | 68   | 23.5 | 46   | 50                                    | 350                                    | 31,08            | FI-GE-30SR3/4-W3            |
|        | 1.18                              | 2900                                |                                   | .63     | .63 | 2.09 | 2.68            | .93  | 1.81 | 1.97 | 258.1                                 | 68.52                                  |                  |                             |
|        | 30                                | 200                                 |                                   | G 1     | 20  | 18   | 55              | 68   | 23.5 | 46   | 50                                    | 700                                    | 33,52            |                             |
|        | 1.18                              | 2900                                | .79                               |         | .71 | 2.17 | 2.68            | .93  | 1.81 | 1.97 | 516.3                                 | 73.75                                  |                  |                             |
|        | 30                                | 200                                 | G 1 1/4                           |         | 25  | 20   | 57              | 70   | 23.5 | 50   | 50                                    | 850                                    | 42,11            | FI-GE-30SR-W3               |
|        | 1.18                              | 2900                                |                                   | .98     | .79 | 2.24 | 2.76            | .93  | 1.97 | 1.97 | 627                                   | 92.65                                  |                  |                             |
|        | 30                                | 200                                 |                                   | G 1 1/2 | 25  | 22   | 59              | 72   | 23.5 | 55   | 50                                    | 1000                                   | 57,10            |                             |
|        | 1.18                              | 2900                                | .98                               |         | .87 | 2.32 | 2.83            | .93  | 2.17 | 1.97 | 737.5                                 | 125.63                                 |                  |                             |
|        | 38                                | 200                                 | G 1                               |         | 20  | 18   | 62              | 77   | 28   | 55   | 60                                    | 700                                    | 52,40            | FI-GE-38SR1-W3              |
|        | 1.50                              | 2900                                |                                   | .79     | .71 | 2.44 | 3.03            | 1.10 | 2.17 | 2.36 | 516.3                                 | 115.28                                 |                  |                             |
|        | 38                                | 200                                 |                                   | G 1 1/4 | 25  | 20   | 62              | 75   | 26   | 55   | 60                                    | 850                                    | 57,22            |                             |
|        | 1.50                              | 2900                                | .98                               |         | .79 | 2.44 | 2.95            | 1.02 | 2.17 | 2.36 | 627                                   | 125.88                                 |                  |                             |
|        | 38                                | 200                                 | G 1 1/2                           |         | 32  | 22   | 64              | 77   | 26   | 55   | 60                                    | 1000                                   | 56,30            | FI-GE-38SR-W3               |
|        | 1.50                              | 2900                                |                                   | 1.26    | .87 | 2.52 | 3.03            | 1.02 | 2.17 | 2.36 | 737.5                                 | 123.86                                 |                  |                             |
|        | 38                                | 200                                 |                                   | G 2     | 32  | 24   | 66.5            | 83   | 26.5 | 75   | 60                                    | 1200                                   | 98,3             |                             |
|        | 1.50                              | 2900                                | 1.26                              |         | .94 | 2.62 | 3.27            | 1.04 | 2.95 | 2.36 | 885                                   | 216.7                                  |                  |                             |

<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 DIN 3852-2 (Form B) / ISO 1179-4 (Type B)

Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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.

### Ordering Codes

#### \*FI-GE\*-10\*S\*R\*-W3\*-MS

|                                    |                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------|
| * Straight Male Stud Fitting       | FI-GE                                                                                           |
| * Outside Tube Diameter D1 (in mm) | -10                                                                                             |
| * Series                           | Extra-Light Series (page 40) LL<br>Light Series (pages 40/41) L<br>Heavy Series (pages 42/43) S |
| * Thread Type                      | Whitworth Parallel Pipe Thread (BSPP) R                                                         |

If required, please indicate special sizes, e.g. R1/8!

|                 |                           |     |
|-----------------|---------------------------|-----|
| * Material Code | Steel, zinc/nickel-plated | -W3 |
|-----------------|---------------------------|-----|

Please contact STAUFF for alternative materials and surface finishings.

|                        |                                                                    |      |
|------------------------|--------------------------------------------------------------------|------|
| * Assembling / Kitting | Fitting body only                                                  | —    |
|                        | Fitting body supplied with cutting ring and union nut              | -MS  |
|                        | Fitting body supplied with soft-sealing cutting ring and union nut | -MSV |

### Connecting Parts

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

