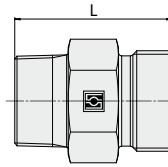
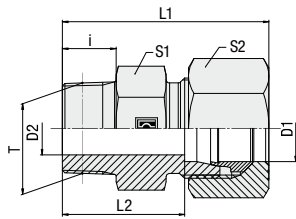


## Straight Male Stud Fitting Type FI-GE-...-N ■ Series LL / L



NPT Thread

| Series | Tube OD<br>[mm] | PN<br>[bar] | Dimensions<br>[mm] |     |      |    |                 |      |    |    | Torque<br>[N-m] ca.<br>Thread T | Weight<br>[kg] ca.<br>per 100 <sup>2</sup> | Ordering Codes                                         |                    |
|--------|-----------------|-------------|--------------------|-----|------|----|-----------------|------|----|----|---------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------|
|        |                 |             | Thread T           | D2  | i    | L  | L1 <sup>1</sup> | L2   | S1 | S2 |                                 |                                            | Fitting body supplied<br>with cutting ring & union nut | Fitting body only  |
| LL     | 4               | 100         | 1/8 NPT            | 3   | 10   | 22 | 28              | 18   | 11 | 10 | 15                              | 1,5                                        | FI-GE-04LL1/8N-W3-MS                                   | FI-GE-04LL1/8N-W3  |
|        | 6               | 100         | 1/8 NPT            | 4,5 | 10   | 22 | 28              | 16,5 | 11 | 12 | 15                              | 1,6                                        | FI-GE-06LL1/8N-W3-MS                                   | FI-GE-06LL1/8N-W3  |
|        | 8               | 100         | 1/8 NPT            | 5   | 10   | 24 | 30              | 18,5 | 12 | 14 | 15                              | 2,1                                        | FI-GE-08LL1/8N-W3-MS                                   | FI-GE-08LL1/8N-W3  |
| L      | 6               | 315         | 1/8 NPT            | 4   | 10   | 24 | 32              | 17   | 12 | 14 | 15                              | 2,5                                        | FI-GE-06L1/8N-W3-MS                                    | FI-GE-06L1/8N-W3   |
|        | 6               | 315         | 1/4 NPT            | 4   | 15,5 | 30 | 38              | 23   | 17 | 14 | 35                              | 4,0                                        | FI-GE-06L1/4N-W3-MS                                    | FI-GE-06L1/4N-W3   |
|        | 6               | 315         | 3/8 NPT            | 4   | 15,5 | 31 | 39              | 24   | 19 | 14 | 55                              | 5,5                                        | FI-GE-06L3/8N-W3-MS                                    | FI-GE-06L3/8N-W3   |
|        | 6               | 315         | 1/2 NPT            | 4   | 20   | 36 | 44              | 29   | 22 | 14 | 110                             | 9,1                                        | FI-GE-06L1/2N-W3-MS                                    | FI-GE-06L1/2N-W3   |
|        | 8               | 315         | 1/8 NPT            | 4   | 10   | 25 | 33              | 18   | 14 | 17 | 15                              | 3,4                                        | FI-GE-08L1/8N-W3-MS                                    | FI-GE-08L1/8N-W3   |
|        | 8               | 315         | 1/4 NPT            | 6   | 15   | 30 | 38              | 23   | 17 | 17 | 35                              | 4,5                                        | FI-GE-08L1/4N-W3-MS                                    | FI-GE-08L1/4N-W3   |
|        | 8               | 315         | 3/8 NPT            | 6   | 15,5 | 30 | 38              | 23   | 19 | 17 | 55                              | 5,5                                        | FI-GE-08L3/8N-W3-MS                                    | FI-GE-08L3/8N-W3   |
|        | 8               | 315         | 1/2 NPT            | 6   | 20   | 36 | 44              | 29   | 22 | 17 | 110                             | 9,5                                        | FI-GE-08L1/2N-W3-MS                                    | FI-GE-08L1/2N-W3   |
|        | 10              | 315         | 1/8 NPT            | 4   | 10   | 25 | 33              | 18   | 17 | 19 | 15                              | 4,2                                        | FI-GE-10L1/8N-W3-MS                                    | FI-GE-10L1/8N-W3   |
|        | 10              | 315         | 1/4 NPT            | 7   | 15   | 31 | 39              | 24   | 17 | 19 | 35                              | 5,0                                        | FI-GE-10L1/4N-W3-MS                                    | FI-GE-10L1/4N-W3   |
|        | 10              | 315         | 3/8 NPT            | 7   | 15   | 32 | 40              | 25   | 19 | 19 | 55                              | 6,4                                        | FI-GE-10L3/8N-W3-MS                                    | FI-GE-10L3/8N-W3   |
|        | 10              | 315         | 1/2 NPT            | 7   | 20   | 37 | 45              | 30   | 22 | 19 | 110                             | 9,6                                        | FI-GE-10L1/2N-W3-MS                                    | FI-GE-10L1/2N-W3   |
|        | 10              | 315         | 3/4 NPT            | 8   | 20   | 38 | 46              | 31   | 30 | 19 | 175                             | 13,3                                       | FI-GE-10L3/4N-W3-MS                                    | FI-GE-10L3/4N-W3   |
|        | 12              | 315         | 1/8 NPT            | 4   | 10   | 26 | 34              | 19   | 19 | 22 | 15                              | 5,6                                        | FI-GE-12L1/8N-W3-MS                                    | FI-GE-12L1/8N-W3   |
|        | 12              | 315         | 1/4 NPT            | 7   | 15   | 32 | 40              | 25   | 19 | 22 | 35                              | 6,4                                        | FI-GE-12L1/4N-W3-MS                                    | FI-GE-12L1/4N-W3   |
|        | 12              | 315         | 3/8 NPT            | 8   | 15   | 32 | 40              | 25   | 19 | 22 | 55                              | 7,2                                        | FI-GE-12L3/8N-W3-MS                                    | FI-GE-12L3/8N-W3   |
|        | 12              | 315         | 1/2 NPT            | 10  | 20   | 37 | 45              | 30   | 24 | 22 | 110                             | 10,1                                       | FI-GE-12L1/2N-W3-MS                                    | FI-GE-12L1/2N-W3   |
|        | 12              | 315         | 3/4 NPT            | 8   | 20   | 38 | 46              | 31   | 27 | 22 | 175                             | 13,7                                       | FI-GE-12L3/4N-W3-MS                                    | FI-GE-12L3/4N-W3   |
|        | 15              | 315         | 1/4 NPT            | 7   | 15,5 | 33 | 41              | 26   | 24 | 27 | 35                              | 9,7                                        | FI-GE-15L1/4N-W3-MS                                    | FI-GE-15L1/4N-W3   |
|        | 15              | 315         | 3/8 NPT            | 11  | 15,5 | 38 | 46              | 31   | 24 | 27 | 55                              | 10,2                                       | FI-GE-15L3/8N-W3-MS                                    | FI-GE-15L3/8N-W3   |
|        | 15              | 315         | 1/2 NPT            | 12  | 20   | 38 | 46              | 31   | 24 | 27 | 110                             | 11,9                                       | FI-GE-15L1/2N-W3-MS                                    | FI-GE-15L1/2N-W3   |
|        | 15              | 315         | 3/4 NPT            | 12  | 20   | 40 | 48              | 33   | 30 | 27 | 175                             | 15,2                                       | FI-GE-15L3/4N-W3-MS                                    | FI-GE-15L3/4N-W3   |
|        | 18              | 315         | 3/8 NPT            | 8   | 15,5 | 34 | 43              | 26,5 | 27 | 32 | 55                              | 14,2                                       | FI-GE-18L3/8N-W3-MS                                    | FI-GE-18L3/8N-W3   |
|        | 18              | 315         | 1/2 NPT            | 12  | 20   | 39 | 48              | 31,5 | 27 | 32 | 110                             | 15,9                                       | FI-GE-18L1/2N-W3-MS                                    | FI-GE-18L1/2N-W3   |
|        | 18              | 315         | 3/4 NPT            | 15  | 20   | 39 | 48              | 31,5 | 30 | 32 | 175                             | 18,3                                       | FI-GE-18L3/4N-W3-MS                                    | FI-GE-18L3/4N-W3   |
|        | 18              | 315         | 1 NPT              | 15  | 25   | 45 | 54              | 37,5 | 36 | 32 | 265                             | 26,7                                       | FI-GE-18L1N-W3-MS                                      | FI-GE-18L1N-W3     |
|        | 22              | 160         | 1/2 NPT            | 14  | 20   | 41 | 50              | 33,5 | 32 | 36 | 110                             | 19,4                                       | FI-GE-22L1/2N-W3-MS                                    | FI-GE-22L1/2N-W3   |
|        | 22              | 160         | 3/4 NPT            | 16  | 20   | 41 | 50              | 33,5 | 32 | 36 | 175                             | 21,5                                       | FI-GE-22L3/4N-W3-MS                                    | FI-GE-22L3/4N-W3   |
|        | 22              | 160         | 1 NPT              | 19  | 25   | 47 | 56              | 39,5 | 36 | 36 | 265                             | 29,1                                       | FI-GE-22L1N-W3-MS                                      | FI-GE-22L1N-W3     |
|        | 28              | 160         | 3/4 NPT            | 18  | 20   | 42 | 51              | 34,5 | 41 | 41 | 175                             | 31,7                                       | FI-GE-28L3/4N-W3-MS                                    | FI-GE-28L3/4N-W3   |
|        | 28              | 160         | 1 NPT              | 21  | 25   | 47 | 56              | 39,5 | 41 | 41 | 265                             | 37,8                                       | FI-GE-28L1N-W3-MS                                      | FI-GE-28L1N-W3     |
|        | 28              | 160         | 1 1/4 NPT          | 24  | 26   | 49 | 58              | 41,5 | 46 | 41 | 315                             | 48,4                                       | FI-GE-28L1-1/4N-W3-MS                                  | FI-GE-28L1-1/4N-W3 |
|        | 35              | 160         | 1 1/4 NPT          | 28  | 26   | 51 | 62              | 40,5 | 46 | 50 | 315                             | 54,3                                       | FI-GE-35L1-1/4N-W3-MS                                  | FI-GE-35L1-1/4N-W3 |
|        | 42              | 160         | 1 1/4 NPT          | 28  | 26   | 53 | 65              | 42   | 55 | 60 | 315                             | 62,9                                       | FI-GE-42L1-1/4N-W3-MS                                  | FI-GE-42L1-1/4N-W3 |
|        | 42              | 160         | 1 1/2 NPT          | 36  | 26   | 53 | 65              | 42   | 55 | 60 | 385                             | 63,5                                       | FI-GE-42L1-1/2N-W3-MS                                  | FI-GE-42L1-1/2N-W3 |

<sup>1</sup> Approximate dimension with nut tightened.

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

Male stud according to ANSI/ASME B1.20.1-1983

Port according to ANSI/ASME B1.20.1-1983

Torque recommendations for Steel mating material.

Suitable liquid / plastic sealant required.