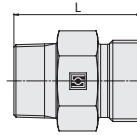
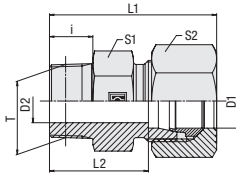


Straight Male Stud Fitting Type FI-GE-...-N • Series LL / L



NPT Thread

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca. per 100 ²	Ordering Codes ³
	D1		Thread T D2 i L L1 ¹ L2 S1 S2		
LL	4	100	1/8 NPT 3 10 22 28 18 11 10 0,98		FI-GE-04LL1/8N-W3
	.16	1450	.12 .39 .87 1.10 .71 .43 .39 2.15		
	6	100	1/8 NPT 4,5 10 22 28 16,5 11 12 0,90		FI-GE-06LL1/8N-W3
	.24	1450	.18 .39 .87 1.10 .65 .43 .47 1.97		
	8	100	1/8 NPT 5 10 24 30 18,5 12 14 1,16		FI-GE-08LL1/8N-W3
L	.31	1450	.20 .39 .94 1.18 .73 .47 .55 2.55		
	6	315	1/8 NPT 4 10 24 32 17 12 14 1,21		FI-GE-06L1/8N-W3
	.24	4568	.16 .39 .94 1.26 .67 .47 .55 2.66		
	6	315	1/4 NPT 4 15,5 30 38 23 17 14 2,63		FI-GE-06L1/4N-W3
	.24	4568	.16 .61 1.18 1.50 .91 .67 .55 5.79		
	6	315	3/8 NPT 4 15,5 31 39 24 19 14 4,01		FI-GE-06L3/8N-W3
	.24	4568	.16 .61 1.22 1.54 .94 .75 .55 8.82		
	6	315	1/2 NPT 4 20 36 44 29 22 14 5,62		FI-GE-06L1/2N-W3
	.24	4568	.16 .79 1.42 1.73 1.14 .87 .55 12.37		
	8	315	1/8 NPT 4 10 25 33 18 14 17 1,65		FI-GE-08L1/8N-W3
	.31	4568	.16 .39 .98 1.30 .71 .55 .67 3.63		
	8	315	1/4 NPT 6 15 30 38 23 17 17 2,49		FI-GE-08L1/4N-W3
	.31	4568	.24 .59 1.18 1.50 .91 .67 .67 5.48		
	8	315	3/8 NPT 6 15,5 30 38 23 19 17 3,70		FI-GE-08L3/8N-W3
	.31	4568	.24 .61 1.18 1.50 .91 .75 .67 8.14		
	8	315	1/2 NPT 6 20 36 44 29 22 17 6,78		FI-GE-08L1/2N-W3
	.31	4568	.24 .79 1.42 1.73 1.14 .87 .67 14.91		
	10	315	1/8 NPT 4 10 25 33 18 17 19 1,90		FI-GE-10L1/8N-W3
	.39	4568	.16 .39 .98 1.30 .71 .67 .75 4.18		
	10	315	1/4 NPT 7 15 31 39 24 17 19 2,53		FI-GE-10L1/4N-W3
	.39	4568	.28 .59 1.22 1.54 .94 .67 .75 5.57		
	10	315	3/8 NPT 7 15 32 40 25 19 19 3,97		FI-GE-10L3/8N-W3
	.39	4568	.28 .59 1.26 1.57 .98 .75 .75 8.73		
	10	315	1/2 NPT 7 20 37 45 30 22 19 6,99		FI-GE-10L1/2N-W3
	.39	4568	.28 .79 1.46 1.77 1.18 .87 .75 15.39		
	10	315	3/4 NPT 8 20 38 46 31 27 19 5,67		FI-GE-10L3/4N-W3
	.39	4568	.31 .79 1.50 1.81 1.22 1.06 .75 12.47		
	12	315	1/8 NPT 4 10 26 34 19 19 22 2,48		FI-GE-12L1/8N-W3
	.47	4568	.16 .39 1.02 1.34 .75 .75 .87 5.45		
	12	315	1/4 NPT 7 15 32 40 25 19 22 3,21		FI-GE-12L1/4N-W3
	.47	4568	.28 .59 1.26 1.57 .98 .75 .87 7.05		
	12	315	3/8 NPT 8 15 32 40 25 19 22 3,95		FI-GE-12L3/8N-W3
	.47	4568	.31 .59 1.26 1.57 .98 .75 .87 8.69		
	12	315	1/2 NPT 10 20 37 45 30 24 22 6,48		FI-GE-12L1/2N-W3
	.47	4568	.39 .79 1.46 1.77 1.18 .94 .87 14.25		
	12	315	3/4 NPT 8 20 38 46 31 27 22 10,93		FI-GE-12L3/4N-W3
	.47	4568	.31 .79 1.50 1.81 1.22 1.06 .87 24.04		
	15	315	1/4 NPT 7 15,5 33 41 26 24 27 4,72		FI-GE-15L1/4N-W3
	.59	4568	.28 .61 1.30 1.61 1.02 .94 1.06 10.38		
	15	315	3/8 NPT 11 15,5 38 46 31 24 27 5,12		FI-GE-15L3/8N-W3
	.59	4568	.43 .61 1.50 1.81 1.22 .94 1.06 11.26		
	15	315	1/2 NPT 12 20 38 46 31 24 27 6,44		FI-GE-15L1/2N-W3
	.59	4568	.47 .79 1.50 1.81 1.22 .94 1.06 14.16		
	15	315	3/4 NPT 12 20 40 48 33 27 27 10,60		FI-GE-15L3/4N-W3
	.59	4568	.47 .79 1.57 1.89 1.30 1.06 1.06 23.31		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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*L*1/4*N*-W3*-MS**

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Extra-Light Series (page 57) LL
Light Series (pages 57/58) L
Heavy Series (page 59) S

* Thread Size acc. to dimension table 1/4

Please always indicate thread sizes, e.g. 1/4!

* Thread Type NPT Thread N

* 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
Type FI-DS Page 26



Soft-Sealing Cutting Ring
Type FI-WDDS Page 27



Support Sleeve
Type FI-VH Page 28



STAUFF Form Ring
Type FI-AR Page 30



Union Nut
Type FI-M Page 31



37° Flared Tube Fitting Set
Type FI-AB Page 35

