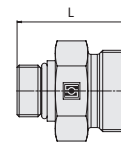
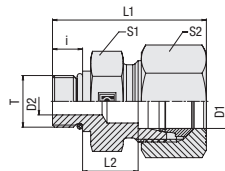


**Straight Male Stud Fitting**  
Type FI-GE-...-U • Series L



UN/UNF Thread

O-Ring

**Ordering Codes**

**\*FI-GE\*-10\*L\*3/4\*U\*-B\*-W3\*-MS**

- \* Straight Male Stud Fitting **FI-GE**
- \* Outside Tube Diameter D1 (in mm) **-10**
- \* Series **L**  
Light Series (page 60)  
**S**  
Heavy Series (page 61)
- \* Thread Size **3/4**  
acc. to dimension table  
Please always indicate thread sizes, e.g. 3/4!
- \* Thread Type **U**  
UN/UNF Thread with O-Ring
- \* Seal Material **-B**  
NBR (Buna-N®)  
**-V**  
FKM (Viton®)  
**-E**  
EPDM
- \* Material Code **-W3**  
Steel, zinc/nickel-plated  
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**
- Soft-Sealing Cutting Ring  
Type **FI-WDDS**
- Support Sleeve  
Type **FI-VH**
- STAUFF Form Ring  
Type **FI-AR**
- Union Nut  
Type **FI-M**
- 37° Flared Tube Fitting Set  
Type **FI-AB**

**Spare Parts / Accessories**

- O-Ring  
Type **O-RING**

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)										Torque (N·m/ft·lb)	Weight (kg/lbs) ca. per 100 <sup>2</sup>	Ordering Codes <sup>3</sup>
			D1	Thread T	D2	i	L	L1 <sup>1</sup>	L2	S1	S2	Thread T			
L	6	400	7/16-20 UNF	4	9	26	34	10	17	14	18	2,08	FI-GE-06L7/16U-B-W3		
	.24	5800		.16	.35	1.02	1.34	.39	.67	.55	13.3	4.57			
	6	400	9/16-18 UNF	4	10	27	35	10	19	14	30	2,47	FI-GE-06L9/16U-B-W3		
	.24	5800		.16	.39	1.06	1.38	.39	.75	.55	22.2	5.44			
	8	400	7/16-20 UNF	6	9	26	34	10	17	17	18	2,18	FI-GE-08L7/16U-B-W3		
	.31	5800		.24	.35	1.02	1.34	.39	.67	.67	13.3	4.79			
	8	400	9/16-18 UNF	6	10	27	35	10	19	17	30	2,76	FI-GE-08L9/16U-B-W3		
	.31	5800		.24	.39	1.06	1.38	.39	.75	.67	22.2	6.06			
	10	400	7/16-20 UNF	4	9	27	35	11	17	19	18	2,17	FI-GE-10L7/16U-B-W3		
	.39	5800		.16	.35	1.06	1.38	.43	.67	.75	13.3	4.78			
	10	400	9/16-18 UNF	7	10	28	36	11	19	19	30	2,70	FI-GE-10L9/16U-B-W3		
	.39	5800		.28	.39	1.10	1.42	.43	.75	.75	22.2	5.94			
	10	400	3/4-16 UNF	8	11	31	39	13	24	19	50	5,21	FI-GE-10L3/4U-B-W3		
	.39	5800		.31	.43	1.22	1.54	.51	.94	.75	37.0	11.47			
	12	400	9/16-18 UNF	7	10	28	36	11	19	22	30	3,00	FI-GE-12L9/16U-B-W3		
	.47	5800		.28	.39	1.10	1.42	.43	.75	.87	22.2	6.61			
	12	400	3/4-16 UNF	10	11	31	39	13	24	22	50	4,89	FI-GE-12L3/4U-B-W3		
	.47	5800		.39	.43	1.22	1.54	.51	.94	.87	37.0	10.75			
	12	400	7/8-14 UNF	10	12,7	34	42	14,3	27	22	60	7,48	FI-GE-12L7/8U-B-W3		
	.47	5800		.39	.50	1.34	1.65	.56	1.06	.87	44.4	16.46			
	15	400	3/4-16 UNF	11	11	32	40	14	24	27	50	2,40	FI-GE-15L3/4U-B-W3		
	.59	5800		.43	.43	1.26	1.57	.55	.94	1.06	37.0	5.29			
	15	400	7/8-14 UNF	12	12,7	34,7	42,7	15	27	27	60	7,41	FI-GE-15L7/8U-B-W3		
	.59	5800		.47	.50	1.37	1.68	.59	1.06	1.06	44.4	16.30			
	18	400	3/4-16 UNF	11	11	33	42	14,5	27	32	50	6,86	FI-GE-18L3/4U-B-W3		
	.71	5800		.43	.43	1.30	1.65	.57	1.06	1.26	37.0	15.09			
18	400	7/8-14 UNF	14	12,7	34,7	43,7	14,5	27	32	60	7,36	FI-GE-18L7/8U-B-W3			
.71	5800		.55	.50	1.37	1.72	.57	1.06	1.26	44.4	16.19				
22	250	7/8-14 UNF	14	12,7	37	46	16,8	32	36	60	9,44	FI-GE-22L7/8U-B-W3			
.87	3625		.55	.50	1.46	1.81	.66	1.26	1.42	44.4	20.78				
22	250	1 1/16-12 UN	18	15	39	48	16,5	32	36	95	10,50	FI-GE-22L1-1/16U-B-W3			
.87	3625		.71	.59	1.54	1.89	.65	1.26	1.42	70.3	23.10				
22	250	1 5/16-12 UN	19	15	40	49	17,5	41	36	150	18,00	FI-GE-22L1-5/16U-B-W3			
.87	3625		.75	.59	1.57	1.93	.69	1.61	1.42	111.0	39.60				
28	250	7/8-14 UNF	24	12,7	37,7	45,7	17,5	41	41	60	14,09	FI-GE-28L7/8U-B-W3			
1.10	3625		.94	.50	1.48	1.80	.69	1.61	1.61	44.4	31.01				
28	250	1 1/16-12 UN	18	15	40	49	17,5	41	41	95	15,30	FI-GE-28L1-1/16U-B-W3			
1.10	3625		.71	.59	1.57	1.93	.69	1.61	1.61	70.3	33.66				
28	250	1 5/16-12 UN	19	15	40	49	17,5	41	41	150	17,20	FI-GE-28L1-5/16U-B-W3			
1.10	3625		.75	.59	1.57	1.93	.69	1.61	1.61	111.0	38.84				
35	250	1 5/16-12 UN	22	15	43	54	17,5	46	50	150	22,80	FI-GE-35L1-5/16U-B-W3			
1.38	3625		.87	.59	1.69	2.13	.69	1.81	1.97	111.0	50.16				
35	250	1 5/8-12 UN	30	15	43	54	17,5	50	50	200	28,00	FI-GE-35L1-5/8U-B-W3			
1.38	3625		1.18	.59	1.69	2.13	.69	1.97	1.97	148.0	61.60				
42	250	1 5/8-12 UN	30	15	45	57	19	55	60	200	35,36	FI-GE-42L1-5/8U-B-W3			
1.65	3625		1.18	.59	1.77	2.24	.75	2.17	2.36	148.0	77.79				

<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 11926-2/-3

Port acc. to ISO 11926-1

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.