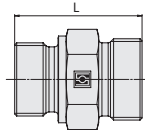
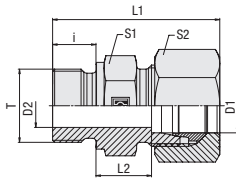


**Straight Male Stud Fitting  
Type FI-GE-...-M ▪ Series S**

**Metallic Sealing Edge**
**Metric Parallel Thread**

Series	Tube OD		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	D2		Thread	T	D2	i	L	L1 <sup>1</sup>	L2	S1			
S	6	630	9135	M 12 x 1,5	4	12	32	40	13	17	17	35	2,99	FI-GE-06SM-W3
	.24	.47			.16	.47	1.26	1.57	.51	.67	.67	25.9	6.58	
8	630	9135	M 14 x 1,5	5	12	34	42	15	19	19	55	4,26	FI-GE-08SM-W3	
	.31			.47	.20	.47	1.34	1.65	.59	.75	.75	40.7		9.37
10	630	9135	M 16 x 1,5	7	12	34,5	43,5	15	22	22	70	5,46	FI-GE-10SM-W3	
	.39			.47	.28	.47	1.36	1.71	.59	.87	.87	51.8		12.01
10	630	9135	M 18 x 1,5	7	12	36,5	45,5	17	24	22	110	7,66	FI-GE-10SM18x1.5-W3	
	.39			.47	.28	.47	1.44	1.79	.67	.94	.87	81.4		16.85
12	630	9135	M 14 x 1,5	5	12	36	45	17	22	24	55	6,00	FI-GE-12SM14x1.5-W3	
	.47			.47	.20	.47	1.42	1.77	.67	.87	.94	40.7		13.20
12	630	9135	M 16 x 1,5	7	12	24,5	48	17	22	24	70	6,12	FI-GE-12SM16x1.5-W3	
	.47			.47	.28	.47	.96	1.89	.67	.87	.94	51.8		13.47
12	630	9135	M 18 x 1,5	8	12	36,5	45,5	17	24	24	110	7,19	FI-GE-12SM-W3	
	.47			.47	.31	.47	1.44	1.79	.67	.94	.94	81.4		15.83
12	630	9135	M 22 x 1,5	8	14	39	48	17,5	27	24	170	9,28	FI-GE-12SM22x1.5-W3	
	.47			.47	.31	.55	1.54	1.89	.69	1.06	.94	125.8		20.42
14	630	9135	M 20 x 1,5	10	14	41	51	19	27	27	150	9,49	FI-GE-14SM-W3	
	.55			.47	.39	.55	1.61	2.01	.75	1.06	1.06	111.0		20.88
16	630	9135	M 18 x 1,5	8	12	38,5	48,5	18	27	30	110	7,82	FI-GE-16SM18x1.5-W3	
	.63			.47	.31	.47	1.52	1.91	.71	1.06	1.18	81.4		17.20
16	630	9135	M 22 x 1,5	12	14	41	51	18,5	27	30	170	9,75	FI-GE-16SM-W3	
	.63			.47	.47	.55	1.61	2.01	.73	1.06	1.18	125.8		21.44
20	400	5800	M 22 x 1,5	12	14	47	58	22,5	32	36	170	13,95	FI-GE-20SM22x1.5-W3	
	.79			.47	.47	.55	1.85	2.28	.89	1.26	1.42	125.8		30.69
20	400	5800	M 27 x 2	16	16	47	58	20,5	32	36	270	15,12	FI-GE-20SM-W3	
	.79			.63	.63	.63	1.85	2.28	.81	1.26	1.42	199.8		33.22
25	400	5800	M 33 x 2	20	18	53	65	23	41	46	410	26,71	FI-GE-25SM-W3	
	.98			.71	.79	.71	2.09	2.56	.91	1.61	1.81	303.4		58.77
30	250	3625	M 42 x 2	25	20	57	70	23,5	50	50	540	42,96	FI-GE-30SM-W3	
	1.18			.79	.98	.79	2.24	2.76	.93	1.97	1.97	399.6		94.51
38	250	3625	M 48 x 2	32	22	64	79	26	55	60	700	56,40	FI-GE-38SM-W3	
	1.50			.87	1.26	.87	2.52	3.11	1.02	2.17	2.36	518.0		124.08

<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 3852-1 (Form B) / ISO 9974-3 (Type B)  
 Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

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\*L\*M\*-W3\*-MS**

- \* Straight Male Stud Fitting FI-GE
- \* Outside Tube Diameter D1 (in mm) -10
- \* Series L  
Light Series (page 42)  
Heavy Series (page 43) S
- \* Thread Type M  
Metric Parallel Thread
- If required, please indicate special sizes, e.g. M12x1.5!
- \* Material Code -W3  
Steel, zinc/nickel-plated
- \* 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**