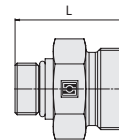
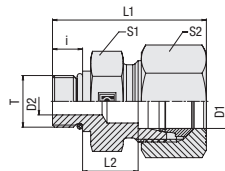


Straight Male Stud Fitting
Type FI-GE-...-M-OR • Series L / S



Metric Parallel Thread

O-Ring

Ordering Codes

***FI-GE*-10*L*M*-OR*-B*-W3*-MS**

- * Straight Male Stud Fitting **FI-GE**
- * Outside Tube Diameter D1 (in mm) **-10**
- * Series **L**
Light Series
SHeavy Series
- * Thread Type **M**
Metric Parallel Thread
- If required, please indicate special sizes, e.g. M12x1.5!
- * Seal Type **-OR**
O-Ring
- * Seal Material **-B**
NBR (Buna-N®)
-VFKM (Viton®)
-EEPDM
- * 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 ²	Ordering Codes ³
			Thread	T	D2	i	L	L1 ¹	L2	S1	S2	Thread T			
L	6	400	M 10 x 1	4	8,5	25	33	9,5	14	14	15	1,53	FI-GE-06LM-OR-B-W3		
	.24	5800		.16	.33	.98	1.30	.37	.55	.55	11.1	3.36			
	8	400	M 12 x 1,5	6	11	28	36	10	17	17	25	2,16	FI-GE-08LM-OR-B-W3		
	.31	5800		.24	.43	1.10	1.42	.39	.67	.67	18.5	4.75			
	10	400	M 14 x 1,5	7,5	11	29	37	11	19	19	35	2,87	FI-GE-10LM-OR-B-W3		
	.39	5800		.30	.43	1.14	1.46	.43	.75	.75	25.9	6.31			
	12	400	M 16 x 1,5	9	11,5	31	39	12,5	22	22	40	4,10	FI-GE-12LM-OR-B-W3		
	.47	5800		.35	.45	1.22	1.54	.49	.87	.87	29.6	9.01			
	15	400	M 18 x 1,5	11	12,5	33	41	13,5	24	27	45	5,32	FI-GE-15LM-OR-B-W3		
	.59	5800		.43	.49	1.30	1.61	.53	.94	1.06	33.3	11.71			
	18	400	M 22 x 1,5	14	13	35	44	14,5	27	32	60	7,55	FI-GE-18LM-OR-B-W3		
	.71	5800		.55	.51	1.38	1.73	.57	1.06	1.26	44.4	16.60			
	22	250	M 27 x 2	18	16	40	49	16,5	32	36	100	10,79	FI-GE-22LM27x2-OR-B-W3		
	.87	3625		.71	.63	1.57	1.93	.65	1.26	1.42	74.0	23.73			
	28	250	M 33 x 2	23	16	41	50	17,5	41	41	160	16,73	FI-GE-28LM-OR-B-W3		
	1.10	3625		.91	.63	1.61	1.97	.69	1.61	1.61	118.4	36.81			
	35	250	M 42 x 2	30	16	44	55	17,5	50	50	210	26,66	FI-GE-35LM-OR-B-W3		
	1.38	3625		1.18	.63	1.73	2.17	.69	1.97	1.97	155.4	58.66			
42	250	M 48 x 2	36	17,5	47,5	59,5	19	55	60	260	33,79	FI-GE-42LM-OR-B-W3			
1.65	3625		1.42	.69	1.87	2.34	.75	2.17	2.36	192.4	74.34				
S	6	630	M 12 x 1,5	4	11	31	39	13	17	17	35	2,93	FI-GE-06SM-OR-B-W3		
	.24	9135		.16	.43	1.22	1.54	.51	.67	.67	25.9	6.44			
	8	630	M 14 x 1,5	5	11	33	41	15	19	19	40	4,22	FI-GE-08SM-OR-B-W3		
	.31	9135		.20	.43	1.30	1.61	.59	.75	.75	29.6	9.28			
	10	630	M 16 x 1,5	7	12,5	35	44	15	22	22	55	6,11	FI-GE-10SM-OR-B-W3		
	.39	9135		.28	.49	1.38	1.73	.59	.87	.87	40.7	13.43			
	12	630	M 18 x 1,5	8	14	38,5	47,5	17	24	24	70	3,41	FI-GE-12SM-OR-B-W3		
	.47	9135		.31	.55	1.52	1.87	.67	.94	.94	51.8	7.51			
	16	630	M 22 x 1,5	12	15	42	52	18,5	27	30	100	6,37	FI-GE-16SM-OR-B-W3		
	.63	9135		.47	.59	1.65	2.05	.73	1.06	1.18	74.0	14.01			
	20	400	M 27 x 2	15	18,5	49,5	60,5	20,5	32	36	170	16,88	FI-GE-20SM-OR-B-W3		
	.79	5800		.59	.73	1.95	2.38	.81	1.26	1.42	125.8	37.13			
	25	400	M 33 x 2	20	18,5	53,5	65,5	23	41	46	310	27,42	FI-GE-25SM-OR-B-W3		
	.98	5800		.79	.73	2.11	2.58	.91	1.61	1.81	229.4	60.33			
	30	400	M 42 x 2	25	19	56	69	23,5	50	50	330	42,45	FI-GE-30SM-OR-B-W3		
	1.18	5800		.98	.75	2.20	2.72	.93	1.97	1.97	244.2	93.39			
	38	400	M 48 x 2	32	21,5	63,5	78,5	26	55	60	420	58,60	FI-GE-38SM-OR-B-W3		
	1.50	5800		1.26	.85	2.50	3.09	1.02	2.17	2.36	310.8	128.92			

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 ISO 6149-2/-3

Port acc. to ISO 6149-1

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.