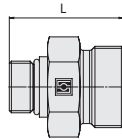
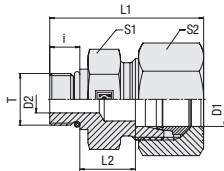


Straight Male Stud Fitting
Type FI-GE-...-M-OR • Series L



C

Metric Parallel Thread

O-Ring

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)										Torque (N•m/ft•lb)	Weight (kg/lbs) Ca. per 100	Ordering Codes ³
			Thread	T	D2	i	L	L1 ¹	L2	S1	S2	Thread T			
L	6	500	M 10 x 1	4	8,5	25	33	9,5	14	14	15	1,53	FI-GE-06LM-OR-B-W3		
	.24	7250		.16	.33	.98	1.30	.37	.55	.55	11.1	3.36			
8	8	500	M 10 x 1	3	8,5	25	32	9,5	14	17	15	1,66	FI-GE-08LM10x1-OR-B-W3		
	.31	7250		.12	.33	.98	1.26	.37	.55	.67	11.1	3.66			
8	8	500	M 12 x 1,5	6	11	28	36	10	17	17	25	2,16	FI-GE-08LM-OR-B-W3		
	.31	7250		.24	.43	1.10	1.42	.39	.67	.67	18.5	4.75			
8	8	500	M 14 x 1,5	6	11	33	40	15	19	17	35	3,9	FI-GE-08LM14x1.5-OR-B-W3		
	.31	7250		.24	.43	1.30	1.57	.59	.75	.67	25.9	8.60			
8	8	400	M 18 x 1,5	11	12,5	31	36	11,5	24	17	45	4,43	FI-GE-08LM18x1.5-OR-B-W3		
	.31	5800		.43	.49	1.22	1.42	.45	.94	.67	33.3	9.76			
10	10	500	M 12 x 1,5	6	11	29	36	11	19	19	25	2,66	FI-GE-10LM12x1.5-OR-B-W3		
	.39	7250		.24	.43	1.14	1.42	.43	.75	.75	18.5	5.86			
10	10	500	M 14 x 1,5	7,5	11	29	37	11	19	19	35	2,87	FI-GE-10LM-OR-B-W3		
	.39	7250		.30	.43	1.14	1.46	.43	.75	.75	25.9	6.31			
10	10	400	M 18 x 1,5	8	12,5	32	39	12,5	24	19	45	5,23	FI-GE-10LM18x1.5-OR-B-W3		
	.39	5800		.31	.49	1.26	1.54	.49	.94	.75	33.3	11.53			
12	12	400	M 12 x 1,5	6	11	30,5	38	12,5	19	22	25	2,89	FI-GE-12LM12x1.5-OR-B-W3		
	.47	5800		.24	.43	1.20	1.50	.49	.75	.87	18.5	6.37			
12	12	400	M 14 x 1,5	7,5	11	31	39	13	19	22	35	3,45	FI-GE-12LM14x1.5-OR-B-W3		
	.47	5800		.30	.43	1.22	1.54	.51	.75	.87	25.9	7.61			
12	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			
12	12	400	M 18 x 1,5	10	12,5	32	40	12,5	24	22	45	5,14	FI-GE-12LM18x1.5-OR-B-W3		
	.47	5800		.39	.49	1.26	1.57	.49	.94	.87	33.3	11.33			
15	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	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	22	400	M 22 x 1,5	14	13	37	46	16,5	32	36	60	9,22	FI-GE-22LM22x1.5-OR-B-W3		
	.87	5800		.55	.51	1.46	1.81	.65	1.26	1.42	44.4	20.33			
22	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			
22	22	250	M 33 x 2	14	16	41	46	16,5	41	36	160	16,14	FI-GE-22LM33x2-OR-B-W3		
	.87	3625		.55	.63	1.61	1.81	.65	1.61	1.42	118.4	35.58			
28	28	250	M 27 x 2	18	16	40,5	52	17	41	41	100	14,47	FI-GE-28LM27x2-OR-B-W3		
	1.10	3625		.71	.63	1.59	2.05	.67	1.61	1.61	74.0	31.90			
28	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	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	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			

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.

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (page 57) L Heavy Series (page 58) S
* Thread Type	Metric Parallel Thread M
If required, please indicate special sizes, e.g. M12x1.5!	
* Seal Type	O-Ring -OR
* Seal Material	NBR (Buna-N®) -B FKM (Viton®) -V EPDM -E
* 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 28
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 29
	Support Sleeve Type FI-VH	Page 31
	STAUFF Form EVO Sealing Ring Type FI-FD	Page 32
	Union Nut Type FI-M	Page 33
	37° Flared Tube Fitting Set Type FI-AB	Page 37

Spare Parts / Accessories

	O-Ring Type O-RING	Page 239
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