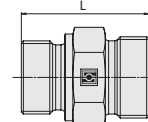
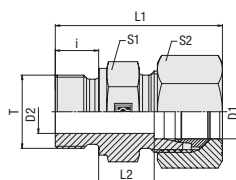


Straight Male Stud Fitting

Type FI-GE-...-M • Series LL / L



Metric Parallel Thread

Metallic Sealing Edge

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 44) LL Light Series (pages 44/45) L Heavy Series (page 46) S
* Thread Type	Metric Parallel Thread M
If required, please indicate special sizes, e.g. M12x1.5!	
* 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

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

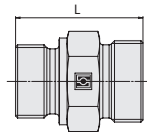
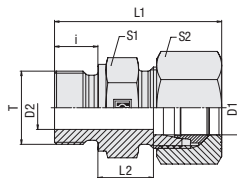
Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (N·m/ft·lb) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
LL	4	100	M 8 x 1	3	8	21,5	27	9,5	12	10	14	0,84	FI-GE-04LLM-W3
	.16	1450		.12	.31	.85	1.06	.37	.47	.39	10.3	1.85	
	6	100	M 6 x 1	2	8	21,5	27	8	12	12	5	0,74	FI-GE-06LLM6x1-W3
	.24	1450		.08	.31	.85	1.06	.31	.47	.47	3.7	1.63	
	6	100	M 8 x 1	3	8	21,5	27	8	12	12	14	0,88	FI-GE-06LLM8x1-W3
	.24	1450		.12	.31	.85	1.06	.31	.47	.47	10.3	1.94	
	6	100	M 10 x 1	4,5	8	21,5	27	8	14	12	25	1,17	FI-GE-06LLM-W3
	.24	1450		.18	.31	.85	1.06	.31	.55	.47	18.4	2.58	
	8	100	M 10 x 1	5	8	22,5	28	9	14	14	25	1,25	FI-GE-08LLM-W3
	.31	1450		.2	.31	.89	1.10	.35	.55	.55	18.4	2.76	
L	6	100	M 8 x 1	3	8	23,5	31	8,5	14	14	14	1,29	FI-GE-06LM8x1-W3
	.24	1450		.12	.31	.93	1.22	.33	.55	.55	10.3	2.84	
	6	400	M 10 x 1	4	8	23,5	31,5	8,5	14	14	25	1,38	FI-GE-06LM-W3
	.24	5800		.16	.31	.93	1.24	.33	.55	.55	18.4	3.03	
	6	400	M 12 x 1,5	4	12	29	37	10	17	14	45	2,26	FI-GE-06LM12x1.5-W3
	.24	5800		.16	.47	1.14	1.46	.39	.67	.55	33.2	4.98	
	6	400	M 14 x 1,5	4	12	30	38	11	19	14	70	2,89	FI-GE-06LM14x1.5-W3
	.24	5800		.16	.47	1.18	1.50	.43	.75	.55	51.6	6.35	
	8	400	M 10 x 1	4	8	23,5	31,5	8,5	14	17	25	1,53	FI-GE-08LM10x1-W3
	.31	5800		.16	.31	.93	1.24	.33	.55	.67	18.4	3.37	
	8	400	M 12 x 1,5	6	12	29	37	10	17	17	45	2,21	FI-GE-08LM-W3
	.31	5800		.24	.47	1.14	1.46	.39	.67	.67	33.2	4.86	
	8	400	M 14 x 1,5	6	12	30	38	11	19	17	70	3,11	FI-GE-08LM14x1.5-W3
	.31	5800		.24	.47	1.18	1.50	.43	.75	.67	51.6	6.83	
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	90	4,05	FI-GE-08LM16x1.5-W3
	.31	5800		.24	.47	1.18	1.50	.43	.87	.67	66.4	8.91	
	8	400	M 18 x 1,5	6	12	30,5	38,5	11,5	24	17	120	4,34	FI-GE-08LM18x1.5-W3
	.31	5800		.24	.47	1.20	1.52	.45	.94	.67	88.5	9.54	
	8	400	M 22 x 1,5	14	14	34	40	13	27	17	170	6,46	FI-GE-08LM22x1.5-W3
	.31	5800		.55	.55	1.34	1.57	.51	1.06	.67	125.4	14.24	
	10	400	M 10 x 1	4	8	25,5	33,5	1,5	17	19	25	2,20	FI-GE-10LM10x1-W3
	.39	5800		.16	.31	1.00	1.32	.41	.67	.75	18.4	4.84	
	10	400	M 12 x 1,5	6	12	30	38	11	17	19	45	2,38	FI-GE-10LM12x1.5-W3
	.39	5800		.24	.47	1.18	1.50	.43	.67	.75	33.2	5.23	
	10	400	M 14 x 1,5	7	12	30	38	11	19	19	70	2,94	FI-GE-10LM-W3
	.39	5800		.28	.47	1.18	1.50	.43	.75	.75	51.6	6.46	
	10	400	M 16 x 1,5	8	12	31,5	39,5	12,5	22	19	90	4,05	FI-GE-10LM16x1.5-W3
	.39	5800		.31	.47	1.24	1.56	.49	.87	.75	66.4	8.91	
	10	400	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	120	4,94	FI-GE-10LM18x1.5-W3
	.39	5800		.31	.47	1.24	1.56	.49	.94	.75	88.5	10.86	
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	170	7,36	FI-GE-10LM22x1.5-W3
	.39	5800		.31	.55	1.34	1.65	.51	1.06	.75	125.4	16.19	
	12	400	M 12 x 1,5	6	12	30	38	11	19	22	45	2,84	FI-GE-12LM12x1.5-W3
	.47	5800		.24	.47	1.18	1.50	.43	.75	.87	33.2	6.25	
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	70	3,06	FI-GE-12LM14x1.5-W3
	.47	5800		.28	.47	1.18	1.50	.43	.75	.87	51.6	6.72	
	12	400	M 16 x 1,5	9	12	31,5	39,5	12,5	22	22	90	3,92	FI-GE-12LM-W3
	.47	5800		.35	.47	1.24	1.56	.49	.87	.87	66.4	8.63	
	12	400	M 18 x 1,5	10	12	31,5	39,5	12,5	24	22	120	4,90	FI-GE-12LM18x1.5-W3
	.47	5800		.39	.47	1.24	1.56	.49	.94	.87	88.5	10.78	
	12	400	M 22 x 1,5	10	14	35	43	14	27	22	170	6,96	FI-GE-12LM22x1.5-W3
	.47	5800		.39	.55	1.38	1.69	.55	1.06	.87	125.4	15.31	

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.





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



C

Metric Parallel Thread

Metallic Sealing Edge

Series	Tube OD (^{mm} / _{in})	PN (^{bar} / _{PSI})	Dimensions (^{mm} / _{in})									Torque (^{N·m} / _{ft·lb})	Weight (^{kg} / _{lbs}) ca.	Ordering Codes ³
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100		
L	15	400	M 16 x 1,5	9	12	32	40	13	24	27	90	5,15	FI-GE-15LM16x1.5-W3	
	.59	5800		.35	.47	1.26	1.57	.51	.94	1.06	66.4	11.33		
	15	400	M 18 x 1,5	11	12	32,5	4,5	13,5	24	27	120	5,28	FI-GE-15LM-W3	
	.59	5800		.43	.47	1.28	1.59	.53	.94	1.06	88.5	11.61		
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	170	7,15	FI-GE-15LM22x1.5-W3	
	.59	5800		.47	.55	1.38	1.69	.55	1.06	1.06	125.4	15.73		
	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	120	6,26	FI-GE-18LM18x1.5-W3	
	.71	5800		.43	.47	1.32	1.67	.55	1.06	1.26	88.5	13.77		
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	170	7,60	FI-GE-18LM-W3	
	.71	5800		.55	.55	1.42	1.77	.57	1.06	1.26	125.4	16.72		
	18	250	M 26 x 1,5	15	16	38	47	14,5	32	32	230	10,88	FI-GE-18LM26x1.5-W3	
	.71	3626		.59	.63	1.50	1.85	.57	1.26	1.26	169.6	23.94		
	22	250	M 22 x 1,5	14	14	38	47	16,5	32	36	170	9,10	FI-GE-22LM22x1.5-W3	
	.87	3626		.55	.55	1.50	1.85	.65	1.26	1.42	125.4	20.02		
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	230	10,34	FI-GE-22LM-W3	
	.87	3626		.71	.63	1.57	1.93	.65	1.26	1.42	169.6	22.74		
	22	250	M 33 x 2	23	18	43	53	17,5	41	36	400	16,15	FI-GE-22LM33x2-W3	
	.87	3626		.91	.71	1.69	2.09	.69	1.61	1.42	295	35.60		
	28	250	M 26 x 1.5	18	16	41	51	17,5	41	41	230	14,46	FI-GE-28LM26x1.5-W3	
	1.10	3626		.71	.63	1.61	2.01	.69	1.61	1.61	169.6	31.88		
28	250	M 33 x 2	23	18	43	52	17,5	41	41	400	17,13	FI-GE-28LM-W3		
1.10	3626		.91	.71	1.69	2.05	.69	1.61	1.61	295	37.69			
35	200	M 42 x 2	30	20	48	59	17,5	50	50	700	27,85	FI-GE-35LM-W3		
1.38	2900		1.18	.79	1.89	2.32	.69	1.97	1.97	516.3	61.27			
42	200	M 48 x 2	36	22	52	64	19	55	60	900	35,91	FI-GE-42LM-W3		
1.65	2900		1.42	.87	2.05	2.52	.75	2.17	2.36	663.8	79.00			

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 44) LL Light Series (pages 44/45) L Heavy Series (page 46) S
* Thread Type	Metric Parallel Thread M
If required, please indicate special sizes, e.g. M12x1.5!	
* 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

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 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.

