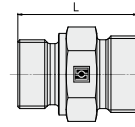
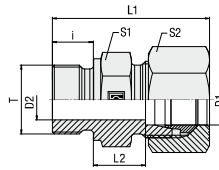


Straight Male Stud Fitting

Type FI-GE-...-R ■ Series L



C

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 38/39) L Heavy Series (pages 40/41) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* 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 26
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 27
	Support Sleeve Type FI-VH	Page 28
	STAUFF Form Ring Type FI-AR	Page 30
	Union Nut Type FI-M	Page 31
	37° Flared Tube Fitting Set Type FI-AB	Page 35

Whitworth Parallel Pipe Thread (BSPP)

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 ²	
L	6	400	G 1/8	4 8 23,5 31,5 8,5 14 14 18	1,37	FI-GE-06LR-W3
	.24	5800		.16 .31 .93 1,24 .33 .55 .55 13,3	3,01	
	6	400	G 1/4	4 12 29 37 10 19 14 65	2,84	FI-GE-06LR1/4-W3
	.24	5800		.16 .47 1,14 1,46 .39 .75 .55 48,1	6,24	
	6	400	G 3/8	4 12 30,5 38,5 11,5 22 14 70	4,13	FI-GE-06LR3/8-W3
	.24	5800		.16 .47 1,20 1,52 .45 .87 .55 51,8	9,08	
	6	400	G 1/2	4 14 33 41 12 27 14 190	6,48	FI-GE-06LR1/2-W3
	.24	5800		.16 .55 1,30 1,61 .47 1,06 .55 140,6	14,26	
	8	400	G 1/8	4 8 24,5 32,5 9,5 14 17 18	1,61	FI-GE-08LR1/8-W3
	.31	5800		.16 .31 .96 1,28 .37 .55 .67 13,3	3,54	
	8	400	G 1/4	6 12 29 37 10 19 17 65	2,72	FI-GE-08LR-W3
	.31	5800		.24 .47 1,14 1,46 .39 .75 .67 48,1	5,97	
	8	400	G 3/8	6 12 30,5 38,5 11 22 17 70	4,46	FI-GE-08LR3/8-W3
	.31	5800		.24 .47 1,20 1,52 .43 .87 .67 51,8	9,81	
	8	400	G 1/2	6 14 33 41 12 27 17 190	7,51	FI-GE-08LR1/2-W3
	.31	5800		.24 .55 1,30 1,61 .47 1,06 .67 140,6	16,53	
	10	400	G 1/8	4 8 25,5 33,5 1,5 17 19 18	2,00	FI-GE-10LR1/8-W3
	.39	5800		.16 .31 1,00 1,32 .41 .67 .75 13,3	4,40	
	10	400	G 1/4	6 12 30 38 11 19 19 65	2,95	FI-GE-10LR-W3
	.39	5800		.24 .47 1,18 1,50 .43 .75 .75 48,1	6,48	
	10	400	G 3/8	8 12 31,5 39,5 12,5 22 19 70	4,29	FI-GE-10LR3/8-W3
	.39	5800		.31 .47 1,24 1,56 .49 .87 .75 51,8	9,44	
	10	400	G 1/2	8 14 34 42 13 27 19 190	7,08	FI-GE-10LR1/2-W3
	.39	5800		.31 .55 1,34 1,65 .51 1,06 .75 140,6	15,58	
	10	400	G 3/4	8 16 37,5 45,5 14,5 32 19 180	9,29	FI-GE-10LR3/4-W3
	.39	5800		.31 .63 1,48 1,79 .57 1,26 .75 133,2	20,43	
	12	400	G 1/8	4 8 26,5 34,5 11,5 19 22 18	2,49	FI-GE-12LR1/8-W3
	.47	5800		.16 .31 1,04 1,36 .45 .75 .87 13,3	5,48	
	12	400	G 1/4	6 12 31 39 12 19 22 65	3,10	FI-GE-12LR1/4-W3
	.47	5800		.24 .47 1,22 1,54 .47 .75 .87 48,1	6,81	
	12	400	G 3/8	9 12 31,5 39,5 12,5 22 22 70	4,24	FI-GE-12LR-W3
	.47	5800		.35 .47 1,24 1,56 .49 .87 .87 51,8	9,32	
	12	400	G 1/2	10 14 34 42 13 27 22 190	6,67	FI-GE-12LR1/2-W3
	.47	5800		.39 .55 1,34 1,65 .51 1,06 .87 140,6	14,68	
	12	400	G 3/4	10 16 37 45 14 32 22 180	10,83	FI-GE-12LR3/4-W3
	.47	5800		.39 .63 1,46 1,77 .55 1,26 .87 133,2	23,83	
	15	400	G 1/4	6 12 33 41 14 24 27 65	4,93	FI-GE-15LR1/4-W3
	.59	5800		.24 .47 1,30 1,61 .55 .94 1,06 48,1	10,85	
	15	400	G 3/8	9 12 32,5 4,5 13 24 27 70	5,03	FI-GE-15LR3/8-W3
	.59	5800		.35 .47 1,28 1,59 .51 .94 1,06 51,8	11,06	
	15	400	G 1/2	11 14 35 43 14 27 27 190	6,53	FI-GE-15LR-W3
	.59	5800		.43 .55 1,38 1,69 .55 1,06 1,06 140,6	14,37	
	15	400	G 3/4	12 16 38 46 15 32 27 180	10,06	FI-GE-15LR3/4-W3
	.59	5800		.47 .63 1,50 1,81 .59 1,26 1,06 133,2	22,14	

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 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

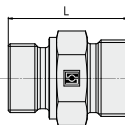
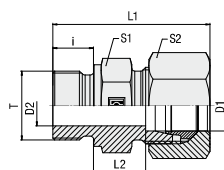
Torque recommendations for Steel mating material.

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.



Straight Male Stud Fitting Type FI-GE-...-R ■ Series L



C

Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD	PN	Dimensions								Torque	Weight	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)									(N·m/ft·lb)	
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100 ²	
L	18	250	G 3/8	9	12	33,5	42,5	14	27	32	70	6,41	FI-GE-18LR3/8-W3
	.71	3625		.35	.47	1,32	1,67	.55	1,06	1,26	51,8	14,11	
	18	250		G 1/2	14	14	36	45	14,5	27	32	190	
	.71	3625	.55		.55	1,42	1,77	.57	1,06	1,26	140,6	15,69	
	18	250	G 3/4		15	16	38	47	14,5	32	32	180	11,28
	.71	3625		.59	.63	1,50	1,85	.57	1,26	1,26	133,2	24,82	
	18	250		G 1	15	18	40	49	14,5	41	32	330	15,87
	.71	3625	.59		.71	1,57	1,93	.57	1,61	1,26	244,2	34,91	
	22	250	G 1/2		14	14	38	47	16,5	32	36	190	8,57
	.87	3625		.55	.55	1,50	1,85	.65	1,26	1,42	140,6	18,85	
	22	250		G 3/4	18	16	40	49	16,5	32	36	180	10,48
	.87	3625	.71		.63	1,57	1,93	.65	1,26	1,42	133,2	23,06	
	22	250	G 1		19	18	43	52	17,5	41	36	330	19,17
	.87	3625		.75	.71	1,69	2,05	.69	1,61	1,42	244,2	42,17	
	28	250		G 1/2	14	14	39	48	17,5	41	41	190	6,11
	1.10	3625	.55		.55	1,54	1,89	.69	1,61	1,61	140,6	13,43	
	28	250	G 3/4		18	16	41	50	17,5	41	41	180	14,42
	1.10	3625		.71	.63	1,61	1,97	.69	1,61	1,61	133,2	31,72	
	28	250		G 1	23	18	43	52	17,5	41	41	330	17,08
	1.10	3625	.91		.71	1,69	2,05	.69	1,61	1,61	244,2	37,58	
	28	250	G 1 1/4		24	20	46	55	18,5	50	41	750	13,40
	1.10	3625		.94	.79	1,81	2,17	.73	1,97	1,61	555	29,48	
	35	250		G 1	23	18	46	57	17,5	46	50	330	22,45
	1.38	3625	.91		.71	1,81	2,24	.69	1,81	1,97	244,2	49,38	
	35	250	G 1 1/4		30	20	48	59	17,5	50	50	750	27,69
	1.38	3625		1,18	.79	1,89	2,32	.69	1,97	1,97	555	60,92	
	35	250		G 1 1/2	30	22	52	63	19,5	55	50	630	42,63
	1.38	3625	1,18		.87	2,05	2,48	.77	2,17	1,97	466,2	93,78	
	42	160	G 1		23	18	48	60	19	55	60	330	32,20
	1.65	2320		.91	.71	1,89	2,36	.75	2,17	2,36	244,2	70,84	
	42	160		G 1 1/4	30	20	50	62	19	55	60	750	34,71
	1.65	2320	1,18		.79	1,97	2,44	.75	2,17	2,36	555	76,35	
	42	160	G 1 1/2		36	22	52	64	19	55	60	630	34,78
	1.65	2320		1,42	.87	2,05	2,52	.75	2,17	2,36	466,2	76,52	

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 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

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*R*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 38/39) L Heavy Series (pages 40/41) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* 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

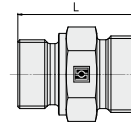
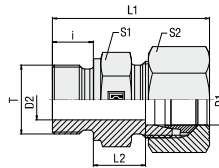
Connecting Parts

	Cutting Ring Type FI-DS	Page 26
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 27
	Support Sleeve Type FI-VH	Page 28
	STAUFF Form Ring Type FI-AR	Page 30
	Union Nut Type FI-M	Page 31
	37° Flared Tube Fitting Set Type FI-AB	Page 35



Straight Male Stud Fitting

Type FI-GE-...-R ■ Series S



C

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 38/39) L Heavy Series (pages 40/41) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* 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 26
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 27
	Support Sleeve Type FI-VH	Page 28
	STAUFF Form Ring Type FI-AR	Page 30
	Union Nut Type FI-M	Page 31
	37° Flared Tube Fitting Set Type FI-AB	Page 35

Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Series	Tube OD	PN	Dimensions									Torque	Weight	Ordering Codes ³
	(^{mm} / _n)	(^{bar} / _{psi})	(^{mm} / _n)								(^{N·m} / _{ft·lb})	(^{kg} / _{lbs}) ca.		
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100 ²		
S	6	630	G 1/4	4	12	32	40	13	19	17	125	3,49	FI-GE-06SR-W3	
	.24	9135		.16	.47	1,26	1,57	.51	.75	.67	92,5	7,77		
	6	630	G 3/8	4	12	34,5	42,5	15,5	22	17	90	2,29	FI-GE-06SR3/8-W3	
	.24	9135		.16	.47	1,36	1,67	.61	.87	.67	66,6	5,03		
	6	630	G 1/2	4	14	39	47	18	27	17	210	9,40	FI-GE-06SR1/2-W3	
	.24	9135		.16	.55	1,54	1,85	.71	1,06	.67	155,4	20,68		
	8	630	G 1/4	5	12	34	42	15	19	19	125	4,06	FI-GE-08SR-W3	
	.31	9135		.20	.47	1,34	1,65	.59	.75	.75	92,5	8,93		
	8	630	G 3/8	5	12	34,5	42,5	15,5	22	19	90	5,77	FI-GE-08SR3/8-W3	
	.31	9135		.20	.47	1,36	1,67	.61	.87	.75	66,6	12,69		
	8	630	G 1/2	5	14	39	47	18	27	19	210	9,91	FI-GE-08SR1/2-W3	
	.31	9135		.20	.55	1,54	1,85	.71	1,06	.75	155,4	21,80		
	10	630	G 1/4	5	12	34	43	14,5	19	22	125	4,35	FI-GE-10SR1/4-W3	
	.39	9135		.20	.47	1,34	1,69	.57	.75	.87	92,5	9,57		
	10	630	G 3/8	7	12	34,5	43,5	15	22	22	90	5,68	FI-GE-10SR-W3	
	.39	9135		.28	.47	1,36	1,71	.59	.87	.87	66,6	12,50		
	10	630	G 1/2	7	14	39	48	17,5	27	22	210	9,73	FI-GE-10SR1/2-W3	
	.39	9135		.28	.55	1,54	1,89	.69	1,06	.87	155,4	21,41		
	12	630	G 1/4	5	12	36	45	16,5	22	24	125	5,93	FI-GE-12SR1/4-W3	
	.47	9135		.20	.47	1,42	1,77	.65	.87	.94	92,5	13,05		
	12	630	G 3/8	8	12	36,5	45,5	17	22	24	90	5,02	FI-GE-12SR-W3	
	.47	9135		.31	.47	1,44	1,79	.67	.87	.94	66,6	11,04		
	12	630	G 1/2	8	14	39	48	17,5	27	24	210	9,72	FI-GE-12SR1/2-W3	
	.47	9135		.31	.55	1,54	1,89	.69	1,06	.94	155,4	21,38		
	12	630	G 3/4	8	16	43	52	19,5	32	24	270	16,48	FI-GE-12SR3/4-W3	
	.47	9135		.31	.63	1,69	2,05	.77	1,26	.94	199,8	36,26		
	14	630	G 1/4	5	12	36	46	16	22	27	125	6,72	FI-GE-14SR1/4-W3	
	.55	9135		.20	.47	1,42	1,81	.63	.87	1,06	92,5	14,78		
	14	630	G 3/8	8	12	38,5	48,5	18,5	22	27	90	6,95	FI-GE-14SR3/8-W3	
	.55	9135		.31	.47	1,52	1,91	.73	.87	1,06	66,6	15,29		
	14	630	G 1/2	10	14	41	51	19	27	27	210	9,79	FI-GE-14SR-W3	
	.55	9135		.39	.55	1,61	2,01	.75	1,06	1,06	155,4	21,54		
	14	630	G 3/4	10	16	45	55	21	32	27	270	16,30	FI-GE-14SR3/4-W3	
	.55	9135		.39	.63	1,77	2,17	.83	1,26	1,06	199,8	35,86		
	16	500	G 3/8	8	12	38,5	48,5	18	27	30	90	6,42	FI-GE-16SR3/8-W3	
	.63	7250		.31	.47	1,52	1,91	.71	1,06	1,18	66,6	14,12		
	16	500	G 1/2	12	14	41	51	18,5	27	30	210	9,15	FI-GE-16SR-W3	
	.63	7250		.47	.55	1,61	2,01	.73	1,06	1,18	155,4	21,13		
	16	400	G 3/4	12	16	45	55	20,5	32	30	270	15,75	FI-GE-16SR3/4-W3	
	.63	5800		.47	.63	1,77	2,17	.81	1,26	1,18	199,8	34,65		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

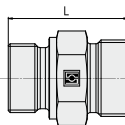
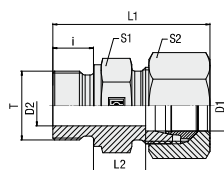
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

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.



Straight Male Stud Fitting Type FI-GE-...-R ■ Series S



C

Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD	PN	Dimensions								Torque	Weight	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)									(N·m/ft·lb)	
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100 ²	
S	20	400	G 1/2	12	14	45	56	20,5	32	36	210	13,69	FI-GE-20SR1/2-W3
	.79	5800		.47	.55	1,77	2,20	.81	1,26	1,42	155,4	30,11	
	20	400	G 3/4	16	16	47	58	20,5	32	36	270	15,24	FI-GE-20SR-W3
	.79	5800		.63	.63	1,85	2,28	.81	1,26	1,42	199,8	33,54	
	20	400	G 1	16	18	51	62	22,5	41	36	340	25,90	FI-GE-20SR1-W3
	.79	5800		.63	.71	2,01	2,44	.89	1,61	1,42	251,6	56,98	
	25	400	G 3/4	16	16	51	63	23	41	46	270	24,73	FI-GE-25SR3/4-W3
	.98	5800		.63	.63	2,01	2,48	.91	1,61	1,81	199,8	54,40	
	25	400	G 1	20	18	53	65	23	41	46	340	26,89	FI-GE-25SR-W3
	.98	5800		.79	.71	2,09	2,56	.91	1,61	1,81	251,6	59,16	
	25	250	G 1 1/4	20	20	55	67	23	50	46	650	23,28	FI-GE-25SR1-1/4-W3
	.98	3625		.79	.79	2,17	2,64	.91	1,97	1,81	481	51,22	
	30	250	G 1	20	18	55	68	23,5	46	50	340	33,52	FI-GE-30SR1-W3
	1,18	3625		.79	.71	2,17	2,68	.93	1,81	1,97	251,6	73,75	
	30	250	G 1 1/4	25	20	57	70	23,5	50	50	650	42,11	FI-GE-30SR-W3
	1,18	3625		.98	.79	2,24	2,76	.93	1,97	1,97	481	92,65	
	30	250	G 1 1/2	25	22	59	72	23,5	55	50	700	57,10	FI-GE-30SR1-1/2-W3
	1,18	3625		.98	.87	2,32	2,83	.93	2,17	1,97	518,0	125,63	
	38	160	G 1	20	18	62	77	28	55	60	340	52,40	FI-GE-38SR1-W3
	1,50	2320		.79	.71	2,44	3,03	1,10	2,17	2,36	251,6	115,28	
	38	160	G 1 1/4	25	20	62	75	26	55	60	650	57,22	FI-GE-38SR1-1/4-W3
	1,50	2320		.98	.79	2,44	2,95	1,02	2,17	2,36	481	125,88	
	38	160	G 1 1/2	32	22	64	77	26	55	60	700	56,30	FI-GE-38SR-W3
	1,50	2320		1,26	.87	2,52	3,03	1,02	2,17	2,36	518,0	123,86	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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.

Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Ordering Codes

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

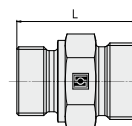
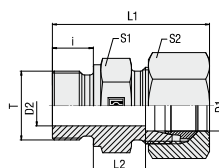
* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 38/39) L Heavy Series (pages 40/41) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Material Code	Steel, zinc/nickel-plated -W3
Please 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 26
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 27
	Support Sleeve Type FI-VH	Page 28
	STAUFF Form Ring Type FI-AR	Page 30
	Union Nut Type FI-M	Page 31
	37° Flared Tube Fitting Set Type FI-AB	Page 35



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



C

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (page 42) L Heavy Series (page 43) 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 26
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 27
	Support Sleeve Type FI-VH	Page 28
	STAUFF Form Ring Type FI-AR	Page 30
	Union Nut Type FI-M	Page 31
	37° Flared Tube Fitting Set Type FI-AB	Page 35

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.

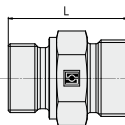
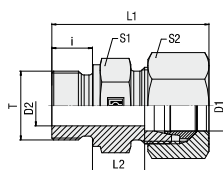
Please contact STAUFF prior to the assembly for further information.

Metric Parallel Thread

Metallic Sealing Edge

Series	Tube OD (mm/in)	PN (bar/psa)	Dimensions (mm/in)									Torque (N·m/ft·lb)	Weight (kg/lbs) ca. per 100 ²	Ordering Codes ³
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T			
L	6	400	M 10 x 1	4	8	23,5	31,5	8,5	14	14	18	1,38		FI-GE-06LM-W3
	.24	5800		.16	.31	.93	1,24	.33	.55	.55	13,3	3,03		
	6	400	M 12 x 1,5	4	12	29	37	10	17	14	30	2,26		FI-GE-06LM12x1,5-W3
	.24	5800		.16	.47	1,14	1,46	.39	.67	.55	22,2	4,98		
	6	400	M 14 x 1,5	4	12	30	38	11	19	14	45	2,89		FI-GE-06LM14x1,5-W3
	.24	5800		.16	.47	1,18	1,50	.43	.75	.55	33,3	6,35		
	8	400	M 10 x 1	4	8	23,5	31,5	8,5	14	17	18	1,53		FI-GE-08LM10x1-W3
	.31	5800		.16	.31	.93	1,24	.33	.55	.67	13,3	3,37		
	8	400	M 12 x 1,5	6	12	29	37	10	17	17	30	2,21		FI-GE-08LM-W3
	.31	5800		.24	.47	1,14	1,46	.39	.67	.67	22,2	4,86		
	8	400	M 14 x 1,5	6	12	30	38	11	19	17	45	3,11		FI-GE-08LM14x1,5-W3
	.31	5800		.24	.47	1,18	1,50	.43	.75	.67	33,3	6,83		
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	65	4,05		FI-GE-08LM16x1,5-W3
	.31	5800		.24	.47	1,18	1,50	.43	.87	.67	48,1	8,91		
	8	400	M 18 x 1,5	6	12	30,5	38,5	11,5	24	17	80	4,34		FI-GE-08LM18x1,5-W3
	.31	5800		.24	.47	1,20	1,52	.45	.94	.67	59,2	9,54		
	10	400	M 10 x 1	4	8	25,5	33,5	1,5	17	19	18	2,20		FI-GE-10LM10x1-W3
	.39	5800		.16	.31	1,00	1,32	.41	.67	.75	13,3	4,84		
	10	400	M 12 x 1,5	6	12	30	38	11	17	19	30	2,38		FI-GE-10LM12x1,5-W3
	.39	5800		.24	.47	1,18	1,50	.43	.67	.75	22,2	5,23		
	10	400	M 14 x 1,5	7	12	30	38	11	19	19	45	2,94		FI-GE-10LM-W3
	.39	5800		.28	.47	1,18	1,50	.43	.75	.75	33,3	6,46		
	10	400	M 16 x 1,5	8	12	31,5	39,5	12,5	22	19	65	4,05		FI-GE-10LM16x1,5-W3
	.39	5800		.31	.47	1,24	1,56	.49	.87	.75	48,1	8,91		
	10	400	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	80	4,94		FI-GE-10LM18x1,5-W3
	.39	5800		.31	.47	1,24	1,56	.49	.94	.75	59,2	10,86		
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	140	7,36		FI-GE-10LM22x1,5-W3
	.39	5800		.31	.55	1,34	1,65	.51	1,06	.75	103,6	16,19		
	12	400	M 12 x 1,5	6	12	30	38	11	19	22	30	2,84		FI-GE-12LM12x1,5-W3
	.47	5800		.24	.47	1,18	1,50	.43	.75	.87	22,2	6,25		
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	45	3,06		FI-GE-12LM14x1,5-W3
	.47	5800		.28	.47	1,18	1,50	.43	.75	.87	33,3	6,72		
	12	400	M 16 x 1,5	9	12	31,5	39,5	12,5	22	22	65	3,92		FI-GE-12LM-W3
	.47	5800		.35	.47	1,24	1,56	.49	.87	.87	48,1	8,63		
	12	400	M 18 x 1,5	10	12	31,5	39,5	12,5	24	22	80	4,90		FI-GE-12LM18x1,5-W3
	.47	5800		.39	.47	1,24	1,56	.49	.94	.87	59,2	10,78		
	12	400	M 22 x 1,5	10	14	35	43	14	27	22	140	6,96		FI-GE-12LM22x1,5-W3
	.47	5800		.39	.55	1,38	1,69	.55	1,06	.87	103,6	15,31		
	15	400	M 16 x 1,5	9	12	32	40	13	24	27	65	5,15		FI-GE-15LM16x1,5-W3
	.59	5800		.35	.47	1,26	1,57	.51	.94	1,06	48,1	11,33		
	15	400	M 18 x 1,5	11	12	32,5	4,5	13,5	24	27	80	5,28		FI-GE-15LM-W3
	.59	5800		.43	.47	1,28	1,59	.53	.94	1,06	59,2	11,61		
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	140	7,15		FI-GE-15LM22x1,5-W3
	.59	5800		.47	.55	1,38	1,69	.55	1,06	1,06	103,6	15,73		
	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	80	6,26		FI-GE-18LM18x1,5-W3
	.71	5800		.43	.47	1,32	1,67	.55	1,06	1,26	59,2	13,77		
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	140	7,60		FI-GE-18LM-W3
	.71	5800		.55	.55	1,42	1,77	.57	1,06	1,26	103,6	16,72		
	18	250	M 26 x 1,5	15	16	38	47	14,5	32	32	190	10,88		FI-GE-18LM26x1,5-W3
	.71	3625		.59	.63	1,50	1,85	.57	1,26	1,26	140,6	23,94		
	22	250	M 22 x 1,5	14	14	38	47	16,5	32	36	140	9,10		FI-GE-22LM22x1,5-W3
	.87	3625		.55	.55	1,50	1,85	.65	1,26	1,42	103,6	20,02		
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	190	10,34		FI-GE-22LM-W3
	.87	3625		.71	.63	1,57	1,93	.65	1,26	1,42	140,6	22,74		
	28	250	M 33 x 2	23	18	43	52	17,5	41	41	340	17,13		FI-GE-28LM-W3
	1,10	3625		.91	.71	1,69	2,05	.69	1,61	1,61	251,6	37,69		
	35	250	M 42 x 2	30	20	48	59	17,5	50	50	500	27,85		FI-GE-35LM-W3
	1,38	3625		1,18	.79	1,89	2,32	.69	1,97	1,97	370,0	61,27		
	42	250	M 48 x 2	36	22	52	64	19	55	60	630	35,91		FI-GE-42LM-W3
	1,65	3625		1,42	.87	2,05	2,52	.75	2,17	2,36	466,2	79,00		





C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD (^{mm} / _{in})	PN (^{part} / _{size})	Dimensions (^{mm} / _{in})									Torque (^{lb} / _{ft})	Weight (^{kg} / _{lbs}) ca.	Ordering Codes ³
			D1	Thread T	D2	i	L	Lt ¹	L2	S1	S2			
S	6	630	M 12 x 1,5	4	12	32	40	13	17	17	35	2,99	FI-GE-06SM-W3	
	.24	9135		.16	.47	1,26	1,57	.51	.67	.67	25,9	6,58		
	8	630		5	12	34	42	15	19	19	55	4,26		
	.31	9135	M 14 x 1,5	.20	.47	1,34	1,65	.59	.75	.75	40,7	9,37	FI-GE-08SM-W3	
	10	630		7	12	34,5	43,5	15	22	22	70	5,46		
	.39	9135		.28	.47	1,36	1,71	.59	.87	.87	51,8	12,01		
	10	630	M 18 x 1,5	7	12	36,5	45,5	17	24	22	110	7,66	FI-GE-10SM-W3	
	.39	9135		.28	.47	1,44	1,79	.67	.94	.87	81,4	16,85		
	12	630		5	12	36	45	17	22	24	55	6,00		
	.47	9135	M 14 x 1,5	.20	.47	1,42	1,77	.67	.87	.94	40,7	13,20	FI-GE-12SM14x1,5-W3	
	12	630		7	12	24,5	48	17	22	24	70	6,12		
	.47	9135		.28	.47	.96	1,89	.67	.87	.94	51,8	13,47		
	12	630	M 16 x 1,5	8	12	36,5	45,5	17	24	24	110	7,19	FI-GE-12SM16x1,5-W3	
	.47	9135		.31	.47	1,44	1,79	.67	.94	.94	81,4	15,83		
	12	630		8	14	39	48	17,5	27	24	170	9,28		
	.47	9135	M 22 x 1,5	.31	.55	1,54	1,89	.69	1,06	.94	125,8	20,42	FI-GE-12SM22x1,5-W3	
	14	630		10	14	41	51	19	27	27	150	9,49		
	.55	9135		.39	.55	1,61	2,01	.75	1,06	1,06	111,0	20,88		
	16	630	M 20 x 1,5	8	12	38,5	48,5	18	27	30	110	7,82	FI-GE-14SM-W3	
	.63	9135		.31	.47	1,52	1,91	.71	1,06	1,18	81,4	17,20		
	16	630		12	14	41	51	18,5	27	30	170	9,75		
	.63	9135	M 22 x 1,5	.47	.55	1,61	2,01	.73	1,06	1,18	125,8	21,44	FI-GE-16SM-W3	
	20	400		12	14	47	58	22,5	32	36	170	13,95		
	.79	5800		.47	.55	1,85	2,28	.89	1,26	1,42	125,8	30,69		
	20	400	M 22 x 1,5	16	16	47	58	20,5	32	36	270	15,12	FI-GE-20SM22x1,5-W3	
.79	5800	.63		.63	1,85	2,28	.81	1,26	1,42	199,8	33,22			
25	400	20		18	53	65	23	41	46	410	26,71			
.98	5800	M 33 x 2	.79	.71	2,09	2,56	.91	1,61	1,81	303,4	58,77	FI-GE-20SM-W3		
30	250		25	20	57	70	23,5	50	50	540	42,96			
1.18	3625		.98	.79	2,24	2,76	.93	1,97	1,97	399,6	94,51			
38	250	M 42 x 2	32	22	64	79	26	55	60	700	56,40	FI-GE-30SM-W3		
1.50	3625		1.26	.82	2,52	3,11	1.02	2.17	2.36	518.0	124.08			

¹ Approximate dimension in assembled condition.

²Weight 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.

Ordering Codes

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

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (page 42) Heavy Series (page 43)	L 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 26Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27Support Sleeve
Type **FI-VH** Page 28

STAUFF Form Ring
Type **FI-AR** Page 30

Union Nut
Type **FI-M** Page 3137° Flared Tube Fitting Set
Type **FI-AB** Page 35