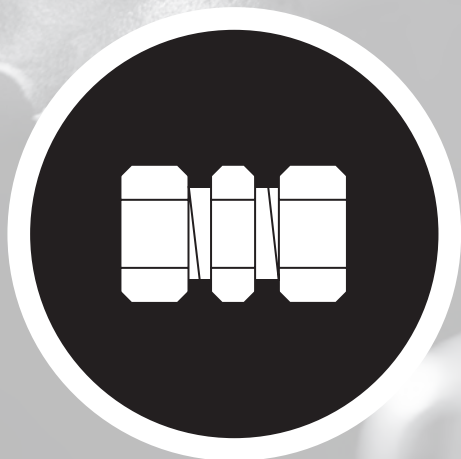




Straight Male Stud Fitting

40-73

FI-GE



**Whitworth Parallel Pipe Thread (BSPP) /
Metallic Sealing Edge**
FI-GE-...-R

40



**Metric Parallel Thread /
Metallic Sealing Edge**
FI-GE-...-M

44



**Whitworth Parallel Pipe Thread (BSPP) /
Profile Sealing Ring**
FI-GE-...-R-WD

48



**Metric Parallel Thread /
Profile Sealing Ring**
FI-GE-...-M-WD

52



**BSPP Thread / 60° Conical Bore /
Sealing Surface for Gaskets**
FI-GE-...-R-DF

55



**Metric Parallel Thread /
O-Ring**
FI-GE-...-M-OR

57



Whitworth Taper Pipe Thread (BSPT)
FI-GE-...-Rk

60



Metric Taper Thread
FI-GE-...-Mk

64



NPT Thread
FI-GE-...-N

65



**UN/UNF Thread /
O-Ring**
FI-GE-...-U

70

Male Stud Elbow

FI-WE

74-81



**Whitworth Parallel Pipe Thread (BSPP) /
Metallic Sealing Edge**
FI-WE-...-R

74



**Metric Parallel Thread /
Metallic Sealing Edge**
FI-WE-...-M

75



Whitworth Taper Pipe Thread (BSPT)
FI-WE-...-Rk

76



Metric Taper Thread
FI-WE-...-Mk

78



NPT Thread
FI-WE-...-N

80

Male Stud Branch Tee

FI-TE

82-87



**Whitworth Parallel Pipe Thread (BSPP) /
Metallic Sealing Edge**
FI-TE-...-R

82



**Metric Parallel Thread /
Metallic Sealing Edge**
FI-TE-...-M

83



Whitworth Taper Pipe Thread (BSPT)
FI-TE-...-Rk

84



Metric Taper Thread
FI-TE-...-Mk

85



NPT Thread
FI-TE-...-N

86

Male Stud Barrel Tee

FI-LE

88-93



**Whitworth Parallel Pipe Thread (BSPP) /
Metallic Sealing Edge**
FI-LE-...-R

88



**Metric Parallel Thread /
Metallic Sealing Edge**
FI-LE-...-M

89



Whitworth Taper Pipe Thread (BSPT)
FI-LE-...-Rk

90



Metric Taper Thread
FI-LE-...-Mk

91



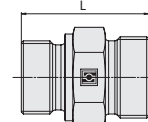
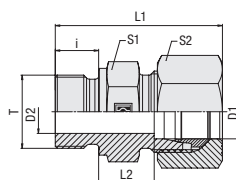
NPT Thread
FI-LE-...-N

92



Straight Male Stud Fitting

Type FI-GE-...-R • Series LL / L



Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 40) LL Light Series (pages 40/41) L Heavy Series (pages 42/43) 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 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

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	G 1/8	3	8	21,5	25,5	9,5	14	10	25	1,17	FI-GE-04LLR-W3
	.16	1450	G 1/8	.12	.31	.85	1.00	.37	.55	.39	18.4	2.58	FI-GE-06LLR-W3
	6	100	G 1/8	4	8	21,5	25,5	8	14	12	25	1,16	FI-GE-08LLR-W3
	.24	1450	G 1/8	.16	.31	.85	1.00	.31	.55	.47	18.4	2.56	FI-GE-10LLR-W3
	8	100	G 1/8	4	8	22,5	26,5	9	14	14	25	1,33	FI-GE-10LLR-W3
	.31	1450	G 1/8	.16	.31	.89	1.04	.35	.55	.55	18.4	2.93	FI-GE-10LLR-W3
L	10	100	G 1/4	6	12	28	35	10,5	19	17	55	2,66	FI-GE-06LR-W3
	.39	1450	G 1/4	.24	.47	1.10	1.38	.41	.75	.67	40.5	5.86	FI-GE-06LR1/4-W3
	6	400	G 1/8	4	8	23,5	31,5	8,5	14	14	25	1,37	FI-GE-06LR1/4-W3
	.24	5800	G 1/8	.16	.31	.93	1.24	.33	.55	.55	18.4	3.01	FI-GE-06LR3/8-W3
	6	400	G 1/4	4	12	29	37	10	19	14	55	2,84	FI-GE-06LR3/8-W3
	.24	5800	G 1/4	.16	.47	1.14	1.46	.39	.75	.55	40.5	6.24	FI-GE-06LR1/2-W3
	6	400	G 3/8	4	12	30,5	38,5	11,5	22	14	95	4,13	FI-GE-06LR1/2-W3
	.24	5800	G 3/8	.16	.47	1.20	1.52	.45	.87	.55	70.1	9.08	FI-GE-08LR1/8-W3
	6	400	G 1/2	4	14	33	41	12	27	14	185	6,48	FI-GE-08LR1/8-W3
	.24	5800	G 1/2	.16	.55	1.30	1.61	.47	1.06	.55	136.5	14.26	FI-GE-08LR3/8-W3
	8	400	G 1/8	4	8	24,5	32,5	9,5	14	17	25	1,61	FI-GE-08LR3/8-W3
	.31	5800	G 1/8	.16	.31	.96	1.28	.37	.55	.67	18.4	3.54	FI-GE-08LR1/2-W3
	8	400	G 1/4	6	12	29	37	10	19	17	55	2,72	FI-GE-08LR1/2-W3
	.31	5800	G 1/4	.24	.47	1.14	1.46	.39	.75	.67	40.5	5.97	FI-GE-08LR3/8-W3
	8	400	G 3/8	6	12	30,5	38,5	11	22	17	95	4,46	FI-GE-08LR3/8-W3
	.31	5800	G 3/8	.24	.47	1.20	1.52	.43	.87	.67	70.1	9.81	FI-GE-08LR1/2-W3
	8	400	G 1/2	6	14	33	41	12	27	17	185	7,51	FI-GE-08LR1/2-W3
	.31	5800	G 1/2	.24	.55	1.30	1.61	.47	1.06	.67	136.5	16.53	FI-GE-10LR1/8-W3
	10	400	G 1/8	4	8	25,5	33,5	10,5	17	19	25	2,00	FI-GE-10LR1/8-W3
	.39	5800	G 1/8	.16	.31	1.00	1.32	.41	.67	.75	18.4	4.40	FI-GE-10LR3/8-W3
	10	400	G 1/4	6	12	30	38	11	19	19	55	2,95	FI-GE-10LR3/8-W3
	.39	5800	G 1/4	.24	.47	1.18	1.50	.43	.75	.75	40.5	6.48	FI-GE-10LR1/2-W3
	10	400	G 3/8	8	12	31,5	39,5	12,5	22	19	95	4,29	FI-GE-10LR1/2-W3
	.39	5800	G 3/8	.31	.47	1.24	1.56	.49	.87	.75	70.1	9.44	FI-GE-10LR3/4-W3
	10	400	G 1/2	8	14	34	42	13	27	19	185	7,08	FI-GE-10LR3/4-W3
	.39	5800	G 1/2	.31	.55	1.34	1.65	.51	1.06	.75	136.5	15.58	FI-GE-12LR1/8-W3
	10	400	G 3/4	8	16	37,5	45,5	14,5	32	19	250	9,29	FI-GE-12LR1/8-W3
	.39	5800	G 3/4	.31	.63	1.48	1.79	.57	1.26	.75	184.4	20.43	FI-GE-12LR1/4-W3
	12	400	G 1/8	4	8	26,5	34,5	11,5	19	22	25	2,49	FI-GE-12LR1/4-W3
	.47	5800	G 1/8	.16	.31	1.04	1.36	.45	.75	.87	18.4	5.48	FI-GE-12LR3/8-W3
	12	400	G 1/4	6	12	31	39	12	19	22	55	3,10	FI-GE-12LR3/8-W3
	.47	5800	G 1/4	.24	.47	1.22	1.54	.47	.75	.87	40.5	6.81	FI-GE-12LR1/2-W3
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	95	4,24	FI-GE-12LR1/2-W3
	.47	5800	G 3/8	.35	.47	1.24	1.56	.49	.87	.87	70.1	9.32	FI-GE-12LR3/4-W3
	12	400	G 1/2	10	14	34	42	13	27	22	185	6,67	FI-GE-12LR3/4-W3
	.47	5800	G 1/2	.39	.55	1.34	1.65	.51	1.06	.87	136.5	14.68	FI-GE-12LR1/2-W3
	12	400	G 3/4	10	16	37	45	14	32	22	250	10,83	FI-GE-12LR1/2-W3
	.47	5800	G 3/4	.39	.63	1.46	1.77	.55	1.26	.87	184.4	23.83	FI-GE-12LR3/4-W3

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

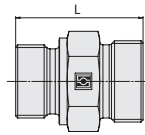
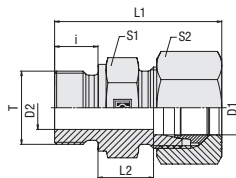
³ Standard scope of delivery: Fitting body only.

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 (mm/in)	PN (bar/PSI)	Dimensions (mm/in)	Torque (Nm/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes ³
	D1		Thread T	Thread T	per 100	
L	15	400	G 1/4	6 12 33 41 14 24 27 55	4,93	FI-GE-15LR1/4-W3
	.59	5800		.24 .47 1.30 1.61 .55 .94 1.06 40.5	10.85	
	15	400	G 3/8	9 12 32.5 4.5 13 24 27 95	5,03	FI-GE-15LR3/8-W3
	.59	5800		.35 .47 1.28 1.59 .51 .94 1.06 70.1	11.06	
	15	400	G 1/2	11 14 35 43 14 27 27 185	6,53	FI-GE-15LR-W3
	.59	5800		.43 .55 1.38 1.69 .55 1.06 1.06 136.5	14.37	
	15	400	G 3/4	12 16 38 46 15 32 27 250	10,06	FI-GE-15LR3/4-W3
	.59	5800		.47 .63 1.50 1.81 .59 1.26 1.06 184.4	22.14	
	18	200	G 3/8	9 12 33.5 42.5 14 27 32 95	6,41	FI-GE-18LR3/8-W3
	.71	2900		.35 .47 1.32 1.67 .55 1.06 1.26 70.1	14.11	
	18	200	G 1/2	14 14 36 45 14.5 27 32 185	7,13	FI-GE-18LR-W3
	.71	2900		.55 .55 1.42 1.77 .57 1.06 1.26 136.5	15.69	
	18	200	G 3/4	15 16 38 47 14.5 32 32 250	11,28	FI-GE-18LR3/4-W3
	.71	2900		.59 .63 1.50 1.85 .57 1.26 1.26 184.4	24.82	
	18	200	G 1	15 18 40 49 14.5 41 32 400	15,87	FI-GE-18LR1-W3
	.71	2900		.59 .71 1.57 1.93 .57 1.61 1.26 295	34.91	
	22	200	G 1/2	14 14 38 47 16.5 32 36 185	8,57	FI-GE-22LR1/2-W3
	.87	2900		.55 .55 1.50 1.85 .65 1.26 1.42 136.5	18.85	
	22	200	G 3/4	18 16 40 49 16.5 32 36 250	10,48	FI-GE-22LR-W3
	.87	2900		.71 .63 1.57 1.93 .65 1.26 1.42 184.4	23.06	
	22	200	G 1	19 18 43 52 17.5 41 36 400	19,17	FI-GE-22LR1-W3
	.87	2900		.75 .71 1.69 2.05 .69 1.61 1.42 295	42.17	
	28	200	G 1/2	14 14 39 48 17.5 41 41 185	6,11	FI-GE-28LR1/2-W3
	1.10	2900		.55 .55 1.54 1.89 .69 1.61 1.61 136.5	13.43	
	28	200	G 3/4	18 16 41 50 17.5 41 41 250	14,42	FI-GE-28LR3/4-W3
	1.10	2900		.71 .63 1.61 1.97 .69 1.61 1.61 184.4	31.72	
	28	200	G 1	23 18 43 52 17.5 41 41 400	17,08	FI-GE-28LR-W3
	1.10	2900		.91 .71 1.69 2.05 .69 1.61 1.61 295	37.58	
	28	200	G 1 1/4	24 20 46 55 18.5 50 41 670	13,40	FI-GE-28LR1-1/4-W3
	1.10	2900		.94 .79 1.81 2.17 .73 1.97 1.61 494.2	29.48	
	28	200	G 1 1/2	36 22 50 65 20.5 55 41 800	33,31	FI-GE-28LR1-1/2-W3
	1.10	2900		1.42 .87 1.97 2.56 .81 2.17 1.61 590	73.44	
	35	200	G 1	23 18 46 57 17.5 46 50 400	22,45	FI-GE-35LR1-W3
	1.38	2900		.91 .71 1.81 2.24 .69 1.81 1.97 295	49.38	
	35	200	G 1 1/4	30 20 48 59 17.5 50 50 670	27,69	FI-GE-35LR-W3
	1.38	2900		1.18 .79 1.89 2.32 .69 1.97 1.97 494.2	60.92	
	35	200	G 1 1/2	30 22 52 63 19.5 55 50 800	42,63	FI-GE-35LR1-1/2-W3
	1.38	2900		1.18 .87 2.05 2.48 .77 2.17 1.97 590	93.78	
	42	200	G 1	23 18 48 60 19 55 60 400	32,20	FI-GE-42LR1-W3
	1.65	2900		.91 .71 1.89 2.36 .75 2.17 2.36 295	70.84	
	42	200	G 1 1/4	30 20 50 62 19 55 60 670	34,71	FI-GE-42LR1-1/4-W3
	1.65	2900		1.18 .79 1.97 2.44 .75 2.17 2.36 494.2	76.35	
	42	200	G 1 1/2	36 22 52 64 19 55 60 800	34,78	FI-GE-42LR-W3
	1.65	2900		1.42 .87 2.05 2.52 .75 2.17 2.36 590	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

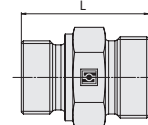
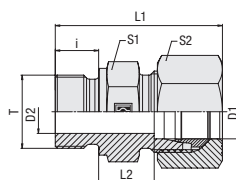
* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 40) LL Light Series (pages 40/41) L Heavy Series (pages 42/43) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Material Code	Steel, 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 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



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



Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 40) LL Light Series (pages 40/41) L Heavy Series (pages 42/43) 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 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

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
S	6	500	G 1/8	4	8	28	36	13	17	17	30	2,55	FI-GE-06SR1/8-W3
	.24	7252		.16	.31	1.10	1.42	.51	.67	.67	22.1	5.62	
	6	630	G 1/4	4	12	32	40	13	19	17	80	3,49	FI-GE-06SR-W3
	.24	9135		.16	.47	1.26	1.57	.51	.75	.67	59	7.77	
	6	630	G 3/8	4	12	34,5	42,5	15,5	22	17	130	2,29	FI-GE-06SR3/8-W3
	.24	9135		.16	.47	1.36	1.67	.61	.87	.67	95.9	5.03	
	6	630	G 1/2	4	14	39	47	18	27	17	220	9,40	FI-GE-06SR1/2-W3
	.24	9135		.16	.55	1.54	1.85	.71	1.06	.67	162.3	20.68	
	8	630	G 1/4	5	12	34	42	15	19	19	80	4,06	FI-GE-08SR-W3
	.31	9135		.20	.47	1.34	1.65	.59	.75	.75	59	8.93	
	8	630	G 3/8	5	12	34,5	42,5	15,5	22	19	130	5,77	FI-GE-08SR3/8-W3
	.31	9135		.20	.47	1.36	1.67	.61	.87	.75	95.9	12.69	
	8	630	G 1/2	5	14	39	47	18	27	19	220	9,91	FI-GE-08SR1/2-W3
	.31	9135		.20	.55	1.54	1.85	.71	1.06	.75	162.3	21.80	
	10	630	G 1/4	5	12	34	43	14,5	19	22	80	4,35	FI-GE-10SR1/4-W3
	.39	9135		.20	.47	1.34	1.69	.57	.75	.87	59	9.57	
	10	630	G 3/8	7	12	34,5	43,5	15	22	22	130	5,68	FI-GE-10SR-W3
	.39	9135		.28	.47	1.36	1.71	.59	.87	.87	95.9	12.50	
	10	630	G 1/2	7	14	39	48	17,5	27	22	220	9,73	FI-GE-10SR1/2-W3
	.39	9135		.28	.55	1.54	1.89	.69	1.06	.87	162.3	21.41	
	12	630	G 1/4	5	12	36	45	16,5	22	24	80	5,93	FI-GE-12SR1/4-W3
	.47	9135		.20	.47	1.42	1.77	.65	.87	.94	59	13.05	
	12	630	G 3/8	8	12	36,5	45,5	17	22	24	130	5,02	FI-GE-12SR-W3
	.47	9135		.31	.47	1.44	1.79	.67	.87	.94	95.9	11.04	
	12	630	G 1/2	8	14	39	48	17,5	27	24	220	9,72	FI-GE-12SR1/2-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	162.3	21.38	
	12	630	G 3/4	8	16	43	52	19,5	32	24	350	16,48	FI-GE-12SR3/4-W3
	.47	9135		.31	.63	1.69	2.05	.77	1.26	.94	258.1	36.26	
	14	400	G 1/4	5	12	36	46	16	22	27	80	6,72	FI-GE-14SR1/4-W3
	.55	5800		.20	.47	1.42	1.81	.63	.87	1.06	59	14.78	
	14	400	G 3/8	8	12	38,5	48,5	18,5	22	27	130	6,95	FI-GE-14SR3/8-W3
	.55	5800		.31	.47	1.52	1.91	.73	.87	1.06	95.9	15.29	
	14	400	G 1/2	10	14	41	51	19	27	27	220	9,79	FI-GE-14SR-W3
	.55	5800		.39	.55	1.61	2.01	.75	1.06	1.06	162.3	21.54	
	14	400	G 3/4	10	16	45	55	21	32	27	350	16,30	FI-GE-14SR3/4-W3
	.55	5800		.39	.63	1.77	2.17	.83	1.26	1.06	258.1	35.86	
	16	400	G 3/8	8	12	38,5	48,5	18	27	30	130	6,42	FI-GE-16SR3/8-W3
	.63	5800		.31	.47	1.52	1.91	.71	1.06	1.18	95.9	14.12	
	16	400	G 1/2	12	14	41	51	18,5	27	30	220	9,15	FI-GE-16SR-W3
	.63	5800		.47	.55	1.61	2.01	.73	1.06	1.18	162.3	21.13	
	16	400	G 3/4	12	16	45	55	20,5	32	30	350	15,75	FI-GE-16SR3/4-W3
	.63	5800		.47	.63	1.77	2.17	.81	1.26	1.18	258.1	34.65	
	16	400	G 1	20	18	49	60	22,5	41	30	700	24,6	FI-GE-16SR1-W3
	.63	5800		.79	.71	1.93	2.36	.89	1.61	1.18	516.3	54.23	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

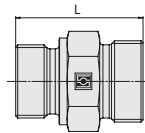
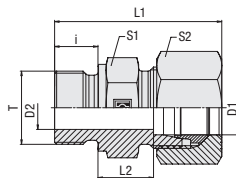
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

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})	(^{kg} / _{lbs}) ca.		
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100		
S	20	250		12	14	45	56	20.5	32	36	220	13.69		
	.79	3625	G 1/2	.47	.55	1.77	2.20	.81	1.26	1.42	162.3	30.11	FI-GE-20SR1/2-W3	
	20	250		16	16	47	58	20.5	32	36	350	15.24		
	.79	3625	G 3/4	.63	.63	1.85	2.28	.81	1.26	1.42	258.1	33.54	FI-GE-20SR-W3	
	20	250		16	18	51	62	22.5	41	36	700	25.90		
	.79	3625	G 1	.63	.71	2.01	2.44	.89	1.61	1.42	516.3	56.98	FI-GE-20SR1-W3	
	25	250		16	16	51	63	23	41	46	350	24.73		
	.98	3625	G 3/4	.63	.63	2.01	2.48	.91	1.61	1.81	258.1	54.40	FI-GE-25SR3/4-W3	
	25	250		20	18	53	65	23	41	46	700	26.89		
	.98	3625	G 1	.79	.71	2.09	2.56	.91	1.61	1.81	516.3	59.16	FI-GE-25SR-W3	
	25	250		20	20	55	67	23	50	46	850	23.28		
	.98	3625	G 1 1/4	.79	.79	2.17	2.64	.91	1.97	1.81	627	51.22	FI-GE-25SR1-1/4-W3	
	30	200		16	16	53	68	23.5	46	50	350	31.08		
	1.18	2900	G 3/4	.63	.63	2.09	2.68	.93	1.81	1.97	258.1	68.52	FI-GE-30SR3/4-W3	
	30	200		20	18	55	68	23.5	46	50	700	33.52		
	1.18	2900	G 1	.79	.71	2.17	2.68	.93	1.81	1.97	516.3	73.75	FI-GE-30SR1-W3	
	30	200		25	20	57	70	23.5	50	50	850	42.11		
	1.18	2900	G 1 1/4	.98	.79	2.24	2.76	.93	1.97	1.97	627	92.65	FI-GE-30SR-W3	
	30	200		25	22	59	72	23.5	55	50	1000	57.10		
	1.18	2900	G 1 1/2	.98	.87	2.32	2.83	.93	2.17	1.97	737.5	125.63	FI-GE-30SR1-1/2-W3	
	38	200		20	18	62	77	28	55	60	700	52.40		
	1.50	2900	G 1	.79	.71	2.44	3.03	1.10	2.17	2.36	516.3	115.28	FI-GE-38SR1-W3	
	38	200		25	20	62	75	26	55	60	850	57.22		
	1.50	2900	G 1 1/4	.98	.79	2.44	2.95	1.02	2.17	2.36	627	125.88	FI-GE-38SR1-1/4-W3	
	38	200		32	22	64	77	26	55	60	1000	56.30		
	1.50	2900	G 1 1/2	1.26	.87	2.52	3.03	1.02	2.17	2.36	737.5	123.86	FI-GE-38SR-W3	
	38	200		32	24	66.5	83	26.5	75	60	1200	98.3		
	1.50	2900	G 2	1.26	.94	2.62	3.27	1.04	2.95	2.36	885	216.7	FI-GE-38SR2-W3	

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*S*R*-W3*-MS

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 40) LL Light Series (pages 40/41) L Heavy Series (pages 42/43) 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
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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

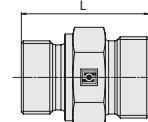
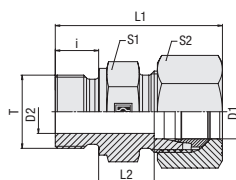
Connecting Parts

	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



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	

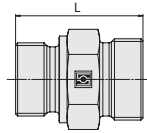
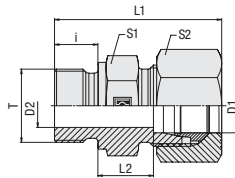
Torque recommendations for Steel mating material.

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 (Nm/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes ³
L	D1	Thread T	D2 i L L1 ¹ L2 S1 S2 Thread T			
	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

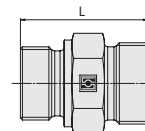
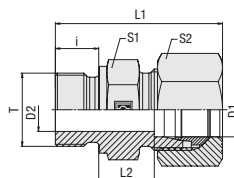
Torque recommendations for Steel mating material.

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.



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



Metallic Sealing Edge

Metric Parallel Thread

Ordering Codes

FI-GE-10*S*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

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Thread	T	D2	i	L	L1 ¹	L2	S1	S2	Torque (Nm/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes ³
	D1												Thread T	per 100	
S	6	630	M 12 x 1,5	4	12	32	40	13	17	17	60	2,99			FI-GE-06SM-W3
	.24	9135		.16	.47	1.26	1.57	.51	.67	.67	44.2	6.58			
	8	630	M 14 x 1,5	5	12	34	42	15	19	19	80	4,26			FI-GE-08SM-W3
	.31	9135		.20	.47	1.34	1.65	.59	.75	.75	59	9.37			
	10	630	M 14 x 1,5	5	12	34,5	42	15	19	22	80	4,63			FI-GE-10SM14x1.5-W3
	.39	9135		.2	.47	1.36	1.65	.59	.75	.87	59	10.21			
	10	630	M 16 x 1,5	7	12	34,5	43,5	15	22	22	130	5,46			FI-GE-10SM-W3
	.39	9135		.28	.47	1.36	1.71	.59	.87	.87	95.9	12.01			
	10	630	M 18 x 1,5	7	12	36,5	45,5	17	24	22	190	7,66			FI-GE-10SM18x1.5-W3
	.39	9135		.28	.47	1.44	1.79	.67	.94	.87	140.1	16.85			
	10	630	M 22 x 1,5	12	14	39	47	17,5	27	22	300	9,18			FI-GE-10SM22x1.5-W3
	.39	9135		.47	.55	1.54	1.85	.69	1.06	.87	221.2	20.24			
	12	630	M 14 x 1,5	5	12	36	45	17	22	24	80	6,00			FI-GE-12SM14x1.5-W3
	.47	9135		.20	.47	1.42	1.77	.67	.87	.94	59	13.20			
	12	630	M 16 x 1,5	7	12	24,5	48	17	22	24	130	6,12			FI-GE-12SM16x1.5-W3
	.47	9135		.28	.47	.96	1.89	.67	.87	.94	95.9	13.47			
	12	630	M 18 x 1,5	8	12	36,5	45,5	17	24	24	190	7,19			FI-GE-12SM-W3
	.47	9135		.31	.47	1.44	1.79	.67	.94	.94	140.1	15.83			
	12	630	M 22 x 1,5	8	14	39	48	17,5	27	24	300	9,28			FI-GE-12SM22x1.5-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	221.2	20.42			
	14	400	M 18 x 1,5	8	12	39	48	19	27	27	190	9,10			FI-GE-14SM18x1.5-W3
	.55	5800		.31	.47	1.54	1.89	.75	1.06	1.06	140.1	20.06			
	14	400	M 20 x 1,5	10	14	41	51	19	27	27	220	9,49			FI-GE-14SM-W3
	.55	5800		.39	.55	1.61	2.01	.75	1.06	1.06	162.3	20.88			
	16	400	M 18 x 1,5	8	12	38,5	48,5	18	27	30	190	7,82			FI-GE-16SM18x1.5-W3
	.63	5800		.31	.47	1.52	1.91	.71	1.06	1.18	140.1	17.20			
	16	400	M 22 x 1,5	12	14	41	51	18,5	27	30	300	9,75			FI-GE-16SM-W3
	.63	5800		.47	.55	1.61	2.01	.73	1.06	1.18	221.2	21.44			
	16	400	M 27 x 2	16	16	45	55	20,5	32	30	420	14,29			FI-GE-16SM27x2-W3
	.63	5800		.63	.63	1.77	2.17	.81	1.26	1.18	309.8	31.50			
	20	400	M 18 x 1,5	8	12	42,5	54	20	32	36	190	13,64			FI-GE-20SM18x1.5-W3
	.79	5800		.31	.47	1.67	2.13	.79	1.26	1.42	140.1	30.07			
	20	400	M 22 x 1,5	12	14	47	58	22,5	32	36	300	13,95			FI-GE-20SM22x1.5-W3
	.79	5800		.47	.55	1.85	2.28	.89	1.26	1.42	221.2	30.69			
	20	400	M 27 x 2	16	16	47	58	20,5	32	36	420	15,12			FI-GE-20SM-W3
	.79	5800		.63	.63	1.85	2.28	.81	1.26	1.42	309.8	33.22			
	25	400	M 33 x 2	20	18	53	65	23	41	46	600	26,71			FI-GE-25SM-W3
	.98	5800		.79	.71	2.09	2.56	.91	1.61	1.81	442.5	58.77			
	30	200	M 42 x 2	25	20	57	70	23,5	50	50	700	42,96			FI-GE-30SM-W3
	1.18	2900		.98	.79	2.24	2.76	.93	1.97	1.97	516.3	94.51			
	38	200	M 48 x 2	32	22	64	79	26	55	60	950	56,40			FI-GE-38SM-W3
	1.50	2900		1.26	.87	2.52	3.11	1.02	2.17	2.36	700.7	124.08			

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

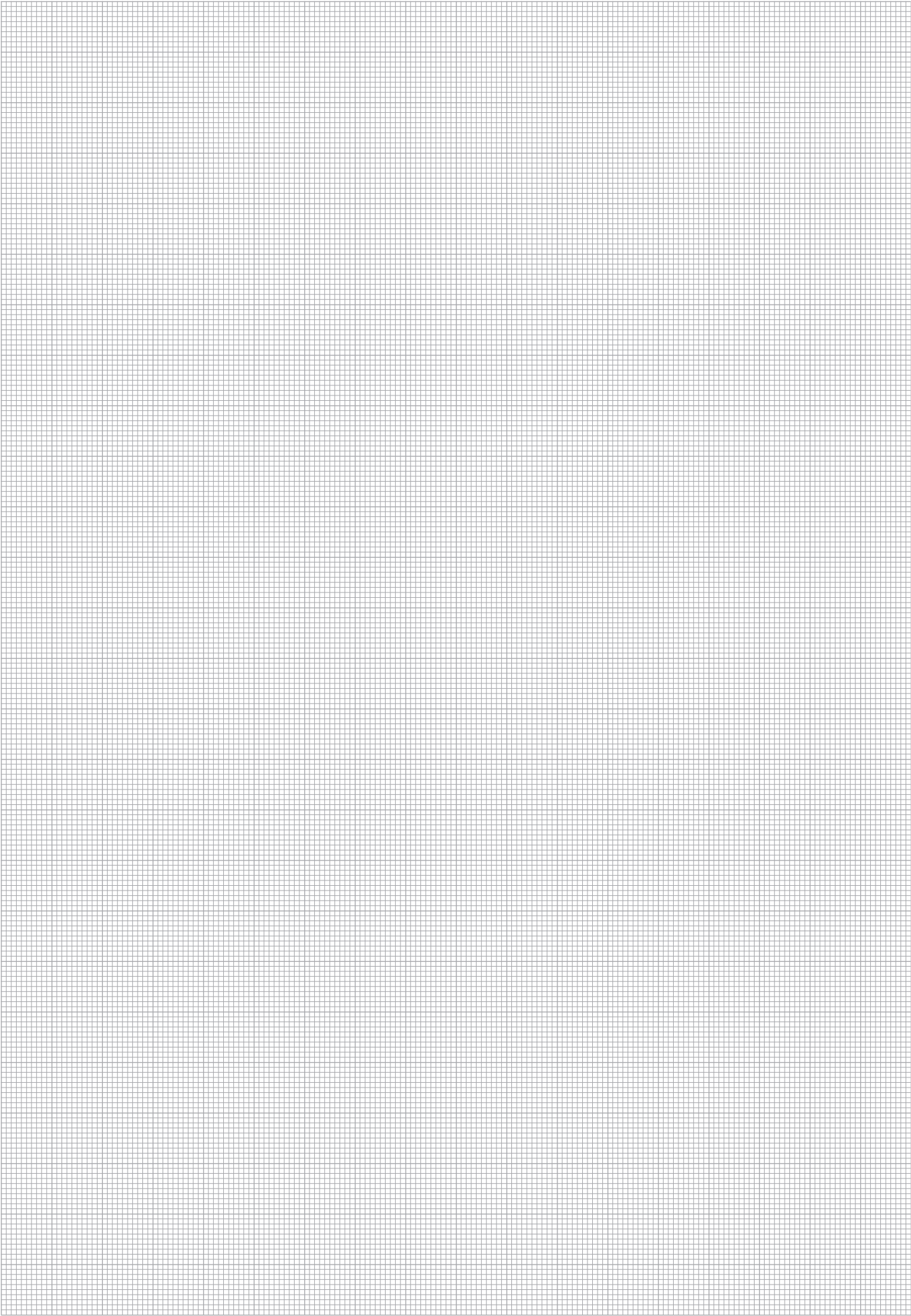
Male stud acc. to DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

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.

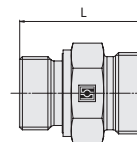
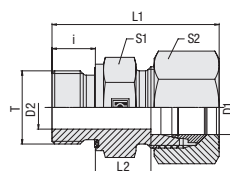
Please contact STAUFF prior to the assembly for further information.





Straight Male Stud Fitting

Type FI-GE-...-R-WD • Series LL / L



Whitworth Parallel Pipe Thread (BSPP)

Profile Sealing Ring

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 48) LL Light Series (pages 48/49) L Heavy Series (pages 50/51) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	Profile Sealing Ring -WD
* 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

	Profile Sealing Ring Type WDG	Page 238
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Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (Nm/lbf·ft) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
LL	6	100	G 1/8	4	8	21,5	28	8	14	12	18	1,14	FI-GE-06LLR-WD-B-W3
	.24	1450		.16	.31	.85	1.10	.31	.55	.47	13.3	2.51	
L	6	500	G 1/8	4	8	23,5	31,5	8,5	14	14	18	1,33	FI-GE-06LR-WD-B-W3
	.24	7250		.16	.31	.93	1.24	.33	.55	.55	13.3	2.93	
	6	500	G 1/4	4	12	29	37	10	19	14	35	2,74	FI-GE-06LR1/4-WD-B-W3
	.24	7250		.16	.47	1.14	1.46	.39	.75	.55	25.9	6.04	
	6	400	G 3/8	4	12	30,5	38,5	11,5	22	14	70	4,03	FI-GE-06LR3/8-WD-B-W3
	.24	5800		.16	.47	1.20	1.52	.45	.87	.55	51.8	8.87	
	6	400	G 1/2	4	14	33	41	12	27	14	90	6,37	FI-GE-06LR1/2-WD-B-W3
	.24	5800		.16	.55	1.30	1.61	.47	1.06	.55	66.6	14.01	
	8	500	G 1/8	4	8	24,5	32,5	9,5	14	17	18	1,61	FI-GE-08LR1/8-WD-B-W3
	.31	7250		.16	.31	.96	1.28	.37	.55	.67	13.3	3.53	
	8	500	G 1/4	6	12	29	37	10	19	17	35	2,65	FI-GE-08LR-WD-B-W3
	.31	7250		.24	.47	1.14	1.46	.39	.75	.67	25.9	5.83	
	8	400	G 3/8	6	12	30,5	38,5	11,5	22	17	70	4,35	FI-GE-08LR3/8-WD-B-W3
	.31	5800		.24	.47	1.20	1.52	.45	.87	.67	51.8	9.57	
	8	400	G 1/2	6	14	33	41	12	27	17	90	6,58	FI-GE-08LR1/2-WD-B-W3
	.31	5800		.24	.55	1.30	1.61	.47	1.06	.67	66.6	14.48	
	10	500	G 1/8	4	8	25,5	33,5	10,5	17	19	18	2,05	FI-GE-10LR1/8-WD-B-W3
	.39	7250		.16	.31	1.00	1.32	.41	.67	.75	13.3	4.52	
	10	500	G 1/4	6	12	30	38	11	19	19	35	2,88	FI-GE-10LR-WD-B-W3
	.39	7250		.24	.47	1.18	1.50	.43	.75	.75	25.9	6.34	
	10	500	G 3/8	8	12	31,5	39,5	12,5	22	19	70	4,15	FI-GE-10LR3/8-WD-B-W3
	.39	7250		.31	.47	1.24	1.56	.49	.87	.75	51.8	9.12	
	10	400	G 1/2	8	14	34	42	13	27	19	90	7,10	FI-GE-10LR1/2-WD-B-W3
	.39	5800		.31	.55	1.34	1.65	.51	1.06	.75	66.6	15.61	
	12	400	G 1/8	4	8	26,5	34,5	11,5	19	22	18	2,55	FI-GE-12LR1/8-WD-B-W3
	.47	5800		.16	.31	1.04	1.36	.45	.75	.87	13.3	5.61	
	12	400	G 1/4	6	12	31	39	12	19	22	35	3,05	FI-GE-12LR1/4-WD-B-W3
	.47	5800		.24	.47	1.22	1.54	.47	.75	.87	25.9	6.70	
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	70	4,14	FI-GE-12LR-WD-B-W3
	.47	5800		.35	.47	1.24	1.56	.49	.87	.87	51.8	9.10	
	12	400	G 1/2	10	14	34	42	13	27	22	90	6,65	FI-GE-12LR1/2-WD-B-W3
	.47	5800		.39	.55	1.34	1.65	.51	1.06	.87	66.6	14.63	
	12	250	G 3/4	10	16	37	45	14	32	22	180	9,25	FI-GE-12LR3/4-WD-B-W3
	.47	3625		.39	.63	1.46	1.77	.55	1.26	.87	133.2	20.34	
	15	400	G 1/4	7	12	31,5	39,5	12,5	22	27	35	4,07	FI-GE-15LR1/4-WD-B-W3
	.59	5800		.28	.47	1.24	1.56	.49	.87	1.06	25.9	8.95	
	15	400	G 3/8	9	12	32,5	40,5	13,5	24	27	70	5,32	FI-GE-15LR3/8-WD-B-W3
	.59	5800		.35	.47	1.28	1.59	.53	.94	1.06	51.8	11.70	
	15	400	G 1/2	12	14	35	43	14	27	27	90	6,62	FI-GE-15LR-WD-B-W3
	.59	5800		.47	.55	1.38	1.69	.55	1.06	1.06	66.6	14.56	
	15	250	G 3/4	12	16	38	46	15	32	27	180	11,80	FI-GE-15LR3/4-WD-B-W3
	.59	3625		.47	.63	1.50	1.81	.59	1.26	1.06	133.2	25.96	
	15	250	G 1	12	18	42,5	49	17,5	41	27	310	22,61	FI-GE-15LR1-WD-B-W3
	.59	3625		.47	.71	1.67	1.93	.69	1.61	1.06	229.4	49.85	

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 1179-2 (Type E)

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

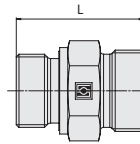
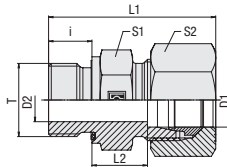
Standard seal material is NBR (Buna-N®).

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.



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



C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Torque (Nm/N·lb)	Weight (kg/lbs) Ca.	Ordering Codes ³
	D1		Thread T D2 i L L1 L2 S1 S2 Thread T per 100			
L	18	400	G 3/8 9 12 33,5 42,5 14 27 32 70 6,56			FI-GE-18LR3/8-WD-B-W3
	.71	5800	.35 .47 1.32 1.67 .55 1.06 1.26 51.8 14.44			
	18	400	G 1/2 14 14 36 45 14,5 27 32 90 7,01			FI-GE-18LR-WD-B-W3
	.71	5800	.55 .55 1.42 1.77 .57 1.06 1.26 66.6 15.41			
	18	400	G 3/4 15 16 38 47 14,5 32 32 180 10,89			FI-GE-18LR3/4-WD-B-W3
	.71	5800	.59 .63 1.50 1.85 .57 1.26 1.26 133.2 23.96			
	18	250	G 1 22 18 43 48 17,5 41 32 310 18,44			FI-GE-18LR1-WD-B-W3
	.71	3625	.87 .71 1.69 1.89 .69 1.61 1.26 229.4 40.65			
	22	250	G 1/2 14 14 38 47 16,5 32 36 90 8,75			FI-GE-22LR1/2-WD-B-W3
	.87	3625	.55 .55 1.50 1.85 .65 1.26 1.42 66.6 19.25			
	22	250	G 3/4 18 16 40 49 16,5 32 36 180 10,28			FI-GE-22LR-WD-B-W3
	.87	3625	.71 .63 1.57 1.93 .65 1.26 1.42 133.2 22.61			
	22	250	G 1 19 18 43 52 17,5 41 36 310 18,57			FI-GE-22LR1-WD-B-W3
	.87	3625	.75 .71 1.69 2.05 .69 1.61 1.42 229.4 40.85			
	22	250	G 1 1/4 30 20 46 55 18,5 50 36 450 26,41			FI-GE-22LR1-1/4-WD-B-W3
	.87	3625	1.18 .79 1.81 2.17 .73 1.97 1.42 333 58.22			
	28	250	G 3/4 18 16 41 50 17,5 41 41 180 14,97			FI-GE-28LR3/4-WD-B-W3
	1.10	3625	.71 .63 1.61 1.97 .69 1.61 1.61 133.2 32.93			
	28	250	G 1 23 18 43 52 17,5 41 41 310 15,83			FI-GE-28LR-WD-B-W3
	1.10	3625	.91 .71 1.69 2.05 .69 1.61 1.61 229.4 34.82			
	28	250	G 1 1/4 24 20 45 54 17,5 50 41 450 13,40			FI-GE-28LR1-1/4-WD-B-W3
	1.10	3625	.94 .79 1.77 2.13 .69 1.97 1.61 333.0 29.48			
	35	250	G 3/4 18 16 44 55 17 46 50 180 20,71			FI-GE-35LR3/4-WD-B-W3
	1.38	3625	.71 .63 1.73 2.17 .67 1.81 1.97 133.2 45.56			
	35	250	G 1 23 18 46 57 17,5 46 50 310 22,15			FI-GE-35LR1-WD-B-W3
	1.38	3625	.91 .71 1.81 2.24 .69 1.81 1.97 229.4 48.74			
	35	250	G 1 1/4 30 20 48 59 17,5 50 50 450 27,23			FI-GE-35LR-WD-B-W3
	1.38	3625	1.18 .79 1.89 2.32 .69 1.97 1.97 333.0 59.90			
	35	250	G 1 1/2 30 22 52 63 19,5 55 50 540 42,18			FI-GE-35LR1-1/2-WD-B-W3
	1.38	3625	1.18 .87 2.05 2.48 .77 2.17 1.97 399.6 92.80			
	42	250	G 1 23 18 48 60 19 55 60 310 31,72			FI-GE-42LR1-WD-B-W3
	1.65	3625	.91 .71 1.89 2.36 .75 2.17 2.36 229.4 69.78			
	42	250	G 1 1/4 30 20 50 62 19 55 60 450 34,03			FI-GE-42LR1-1/4-WD-B-W3
	1.65	3625	1.18 .79 1.97 2.44 .75 2.17 2.36 333.0 74.87			
	42	250	G 1 1/2 36 22 52 64 19 55 60 540 34,37			FI-GE-42LR-WD-B-W3
	1.65	3625	1.42 .87 2.05 2.52 .75 2.17 2.36 399.6 75.62			

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 1179-2 (Type E)

Port acc. to ISO 1179-1

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*R*-WD*-B*-W3*-MS**

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Extra-Light Series (page 48) LL
Light Series (pages 48/49) L
Heavy Series (pages 50/51) S

* Thread Type Whitworth Parallel Pipe Thread (BSPP) R

If required, please indicate special sizes, e.g. R1/8!

* Seal Type Profile Sealing Ring -WD

* 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

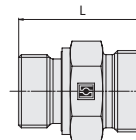
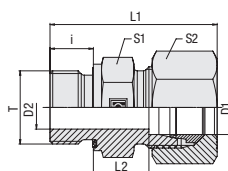
Union Nut
Type FI-M Page 33

37° Flared Tube Fitting Set
Type FI-AB Page 37

Spare Parts / Accessories


Profile Sealing Ring
Type WDG Page 238


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



Whitworth Parallel Pipe Thread (BSPP)

Profile Sealing Ring

Ordering Codes

***FI-GE*-10*S*R*-WD*-B*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 48) LL Light Series (pages 48/49) L Heavy Series (pages 50/51) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	Profile Sealing Ring -WD
* 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

	Profile Sealing Ring Type WDG	Page 238
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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/lbf·ft) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
S	6	800	G 1/8	4	8	27,5	35,5	12,5	14	17	25	2,49	FI-GE-06SR1/8-WD-B-W3
	.24	11600		.16	.31	1.08	1.40	.49	.55	.67	18.5	5.48	
	6	800	G 1/4	4	12	32	40	13	19	17	55	3,46	FI-GE-06SR-WD-B-W3
	.24	11600		.16	.47	1.26	1.57	.51	.75	.67	40.7	7.61	
	6	800	G 3/8	4	12	34,5	42,5	15,5	22	17	80	5,63	FI-GE-06SR3/8-WD-B-W3
	.24	11600		.16	.47	1.36	1.67	.61	.87	.67	59.2	12.38	
	6	800	G 1/2	4	14	39	47	18	27	17	115	8,22	FI-GE-06SR1/2-WD-B-W3
	.24	11600		.16	.55	1.54	1.85	.71	1.06	.67	85.1	18.09	
	8	800	G 1/8	4	8	29,5	37,5	14,5	19	19	25	3,41	FI-GE-08SR1/8-WD-B-W3
	.31	11600		.16	.31	1.16	1.48	.57	.75	.75	18.5	7.49	
	8	800	G 1/4	5	12	34	42	15	19	19	55	4,00	FI-GE-08SR-WD-B-W3
	.31	11600		.20	.47	1.34	1.65	.59	.75	.75	40.7	8.80	
	8	800	G 3/8	5	12	34,5	42,5	15,5	22	19	80	5,72	FI-GE-08SR3/8-WD-B-W3
	.31	11600		.20	.47	1.36	1.67	.61	.87	.75	59.2	12.58	
	8	800	G 1/2	5	14	39	47	18	27	19	115	9,92	FI-GE-08SR1/2-WD-B-W3
	.31	11600		.20	.55	1.54	1.85	.71	1.06	.75	85.1	21.82	
	10	800	G 1/4	5	12	34	43	14,5	19	22	55	4,22	FI-GE-10SR1/4-WD-B-W3
	.39	11600		.20	.47	1.34	1.69	.57	.75	.87	40.7	9.28	
	10	800	G 3/8	7	12	34,5	43,5	15	22	22	80	5,60	FI-GE-10SR-WD-B-W3
	.39	11600		.28	.47	1.36	1.71	.59	.87	.87	59.2	12.31	
	10	800	G 1/2	7	14	39	47	17,5	27	22	115	9,57	FI-GE-10SR1/2-WD-B-W3
	.39	11600		.28	.55	1.54	1.85	.69	1.06	.87	85.1	21.06	
	12	630	G 1/4	5	12	36	44	16,5	22	24	55	5,60	FI-GE-12SR1/4-WD-B-W3
	.47	9135		.20	.47	1.42	1.73	.65	.87	.94	40.7	12.32	
	12	630	G 3/8	8	12	36,5	45	17	22	24	80	6,25	FI-GE-12SR-WD-B-W3
	.47	9135		.31	.47	1.44	1.77	.67	.87	.94	59.2	13.75	
	12	630	G 1/2	8	14	39	48	17,5	27	24	115	9,52	FI-GE-12SR1/2-WD-B-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	85.1	20.95	
	12	630	G 3/4	8	16	41	50	17,5	32	24	180	12,83	FI-GE-12SR3/4-WD-B-W3
	.47	9135		.31	.63	1.61	1.97	.69	1.26	.94	133.2	28.22	
	14	630	G 3/8	8	12	38,5	48,5	18,5	24	27	80	5,03	FI-GE-14SR3/8-WD-B-W3
	.55	9135		.31	.47	1.52	1.91	.73	.94	1.06	59.2	11.07	
	14	630	G 1/2	10	14	41	51	19	27	27	115	9,67	FI-GE-14SR-WD-B-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	85.1	21.27	
	14	630	G 3/4	10	16	45	55	21	32	27	180	14,90	FI-GE-14SR3/4-WD-B-W3
	.55	9135		.39	.63	1.77	2.17	.83	1.26	1.06	133.2	32.78	
	16	630	G 1/4	7	12	38	48	17,5	27	30	55	8,12	FI-GE-16SR1/4-WD-B-W3
	.63	9135		.28	.47	1.50	1.89	.69	1.06	1.18	40.7	17.86	
	16	630	G 3/8	8	12	38,5	48,5	18	27	30	80	7,53	FI-GE-16SR3/8-WD-B-W3
	.63	9135		.31	.47	1.52	1.91	.71	1.06	1.18	59.2	16.57	
	16	630	G 1/2	12	14	41	51	18,5	27	30	115	9,08	FI-GE-16SR-WD-B-W3
	.63	9135		.47	.55	1.61	2.01	.73	1.06	1.18	85.1	19.98	
	16	630	G 3/4	12	16	45	55	20,5	32	30	180	15,51	FI-GE-16SR3/4-WD-B-W3
	.63	9135		.47	.63	1.77	2.17	.81	1.26	1.18	133.2	34.13	
	16	420	G 1	12	18	49	59	22,5	41	30	310	25,20	FI-GE-16SR1-WD-B-W3
	.63	6091		.47	.71	1.93	2.32	.89	1.61	1.18	229.4	55.43	

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 1179-2 (Type E)

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

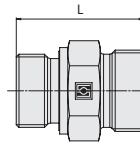
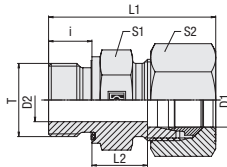
Standard seal material is NBR (Buna-N®).

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.



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



C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)	Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (Nm/N·lb)	Weight (kg/lbs) Ca.	Ordering Codes ³
S	D1											Thread T	per 100	
	20	420	G 1/2	12	14	45	56	20,5	32	36	115	13,76		FI-GE-20SR1/2-WD-B-W3
	.79	6091		.47	.55	1.77	2.20	.81	1.26	1.42	85.1	30.28		
	20	420	G 3/4	16	16	47	58	20,5	32	36	180	14,86		FI-GE-20SR-WD-B-W3
	.79	6091		.63	.63	1.85	2.28	.81	1.26	1.42	133.2	32.70		
	20	420	G 1	16	18	51	62	22,5	41	36	310	21,90		FI-GE-20SR1-WD-B-W3
	.79	6091		.63	.71	2.01	2.44	.89	1.61	1.42	229.4	48.19		
	20	420	G 1 1/4	16	20	53	64	22,5	50	36	450	13,50		FI-GE-20SR1-1/4-WD-B-W3
	.79	6091		.63	.79	2.09	2.52	.89	1.97	1.42	333.0	29.70		
	25	400	G 1/2	12	14	49	61	23	41	46	115	23,49		FI-GE-25SR1/2-WD-B-W3
	.98	5800		.47	.55	1.93	2.40	.91	1.61	1.81	85.1	51.68		
	25	420	G 3/4	16	16	51	63	23	41	46	180	20,33		FI-GE-25SR3/4-WD-B-W3
	.98	6091		.63	.63	2.01	2.48	.91	1.61	1.81	133.2	44.73		
	25	420	G 1	20	18	53	65	23	41	46	310	26,75		FI-GE-25SR-WD-B-W3
	.98	6091		.79	.71	2.09	2.56	.91	1.61	1.81	229.4	58.84		
	25	420	G 1 1/4	20	20	55	67	23	50	46	450	23,28		FI-GE-25SR1-1/4-WD-B-W3
	.98	6091		.79	.79	2.17	2.64	.91	1.97	1.81	333.0	51.22		
	25	420	G 1 1/2	32	22	60	73,5	26	55	46	540	54,35		FI-GE-25SR1-1/2-WD-B-W3
	.98	6091		1.26	.87	2.36	2.89	1.02	2.17	1.81	399.6	119.82		
	30	420	G 3/4	16	16	53	66	23,5	46	50	180	31,16		FI-GE-30SR3/4-WD-B-W3
	1.18	6091		.63	.63	2.09	2.60	.93	1.81	1.97	133.2	68.56		
	30	420	G 1	20	18	55	68	23,5	46	50	310	33,20		FI-GE-30SR1-WD-B-W3
	1.18	6091		.79	.71	2.17	2.68	.93	1.81	1.97	229.4	73.04		
	30	420	G 1 1/4	25	20	57	70	23,5	50	50	450	41,74		FI-GE-30SR-WD-B-W3
	1.18	6091		.98	.79	2.24	2.76	.93	1.97	1.97	333.0	91.82		
	30	315	G 1 1/2	25	22	62	75	26,5	55	50	540	54,30		FI-GE-30SR1-1/2-WD-B-W3
	1.18	4568		.98	.87	2.44	2.95	1.04	2.17	1.97	399.6	119.46		
	38	420	G 3/4	16	16	58	73	26	55	60	180	50,1		FI-GE-38SR3/4-WD-B-W3
	1.50	6091		.63	.63	2.28	2.87	1.02	2.17	2.36	133.2	110.45		
	38	420	G 1	20	18	60	75	26	55	50	310	52,00		FI-GE-38SR1-WD-B-W3
	1.50	6091		.79	.71	2.36	2.95	1.02	2.17	1.97	229.4	114.40		
	38	420	G 1 1/4	25	20	62	77	26	55	60	450	57,22		FI-GE-38SR1-1/4-WD-B-W3
	1.50	6091		.98	.79	2.44	3.03	1.02	2.17	2.36	333.0	125.88		
	38	420	G 1 1/2	32	22	64	79	26	55	60	540	55,90		FI-GE-38SR-WD-B-W3
	1.50	6091		1.26	.87	2.52	3.11	1.02	2.17	2.36	399.6	122.98		

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 1179-2 (Type E)

Port acc. to ISO 1179-1

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*S*R*-WD*-B*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 48) LL Light Series (pages 48/49) L Heavy Series (pages 50/51) S

* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	R
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If required, please indicate special sizes, e.g. R1/8!

* Seal Type	Profile Sealing Ring	-WD
* Seal Material	NBR (Buna-N®) FKM (Viton®) EPDM	-B -V -E

* Material Code	Steel, zinc/nickel-plated	-W3
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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

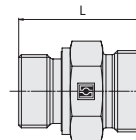
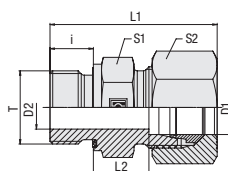
	Cutting Ring Type FI-DS	Page 28
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 29
	Support Sleeve Type FI-VH	Page 31
	STAUFF Form EVO Sealing Ring Type FI-FD	Page 32
	Union Nut Type FI-M	Page 33
	37° Flared Tube Fitting Set Type FI-AB	Page 37

Spare Parts / Accessories

	Profile Sealing Ring Type WDG	Page 238
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Straight Male Stud Fitting Type FI-GE-...-M-WD ▪ Series L



Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 52/53) L Heavy Series (page 54) S
* Thread Type	Metric Parallel Thread M
If required, please indicate special sizes, e.g. M12x1.5!	
* Seal Type	Profile Sealing Ring -WD
* 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

	Profile Sealing Ring Type WDG	Page 238
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Metric Parallel Thread

Profile Sealing Ring

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (N·m/lb·ft)	Weight (kg/lbs) Ca.	Ordering Codes ³
	D1											Thread T	per 100	
L	6	500	M 10 x 1	4	8	23,5	31,5	8,5	14	14	18	1,36		FI-GE-06LM-WD-B-W3
	.24	7250	M 10 x 1	.16	.31	.93	1.24	.33	.55	.55	13.3	2.99		
	6	500	M 12 x 1,5	4	12	29	37	10	17	14	25	2,26		FI-GE-06LM12x1.5-WD-B-W3
	.24	7250	M 12 x 1,5	.16	.47	1.14	1.46	.39	.67	.55	18.5	4.98		
	8	500	M 10 x 1	4	8	23,5	31,5	8,5	14	17	18	1,54		FI-GE-08LM10x1-WD-B-W3
	.31	7250	M 10 x 1	.16	.31	.93	1.24	.33	.55	.67	13.3	3.39		
	8	500	M 12 x 1,5	6	12	29	37	10	17	17	25	2,16		FI-GE-08LM-WD-B-W3
	.31	7250	M 12 x 1,5	.24	.47	1.14	1.46	.39	.67	.67	18.5	4.75		
	8	500	M 14 x 1,5	6	12	29	37	10	19	17	45	3,11		FI-GE-08LM14x1.5-WD-B-W3
	.31	7250	M 14 x 1,5	.24	.47	1.14	1.46	.39	.75	.67	33.3	6.83		
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	55	4,05		FI-GE-08LM16x1.5-WD-B-W3
	.31	5800	M 16 x 1,5	.24	.47	1.18	1.50	.43	.87	.67	40.7	8.91		
	8	400	M 18 x 1,5	11	12	30,5	37	11,5	24	17	90	4,34		FI-GE-08LM18x1.5-WD-B-W3
	.31	5800	M 18 x 1,5	.43	.47	1.20	1.46	.45	.94	.67	66.6	9.57		
	8	400	M 22 x 1,5	14	14	34	41	13	27	17	125	7,66		FI-GE-08LM22x1.5-WD-B-W3
	.31	5800	M 22 x 1,5	.55	.55	1.34	1.61	.51	1.06	.67	92.5	16.89		
	10	500	M 10 x 1	4	8	25,5	33	10,5	17	19	18	2,14		FI-GE-10LM10x1-WD-B-W3
	.39	7250	M 10 x 1	.16	.31	1.00	1.30	.41	.67	.75	13.3	4.72		
	10	500	M 12 x 1,5	6	12	30	38	11	17	19	25	2,38		FI-GE-10LM12x1.5-WD-B-W3
	.39	7251	M 12 x 1,5	.24	.47	1.18	1.50	.43	.67	.75	18.5	5.23		
	10	500	M 14 x 1,5	7	12	30	38	11	19	19	45	2,88		FI-GE-10LM-WD-B-W3
	.39	7251	M 14 x 1,5	.28	.47	1.18	1.50	.43	.75	.75	33.3	6.33		
	10	500	M 16 x 1,5	8	12	31,5	39,5	12,5	22	19	55	4,05		FI-GE-10LM16x1.5-WD-B-W3
	.39	7251	M 16 x 1,5	.31	.47	1.24	1.56	.49	.87	.75	40.7	8.91		
	10	500	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	90	4,94		FI-GE-10LM18x1.5-WD-B-W3
	.39	7251	M 18 x 1,5	.31	.47	1.24	1.56	.49	.94	.75	66.6	10.86		
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	125	7,36		FI-GE-10LM22x1.5-WD-B-W3
	.39	5800	M 22 x 1,5	.31	.55	1.34	1.65	.51	1.06	.75	92.5	16.19		
	12	400	M 10 x 1	4	8	25,5	33	10,5	17	19	18	2,38		FI-GE-12LM10x1-WD-B-W3
	.47	5800	M 10 x 1	.16	.31	1.00	1.30	.41	.67	.75	13.3	5.25		
	12	400	M 12 x 1,5	4	12	32	40	11	19	22	25	2,84		FI-GE-12LM12x1.5-WD-B-W3
	.47	5800	M 12 x 1,5	.16	.47	1.26	1.57	.43	.75	.87	18.5	6.25		
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	45	3,06		FI-GE-12LM14x1.5-WD-B-W3
	.47	5800	M 14 x 1,5	.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	55	3,94		FI-GE-12LM-WD-B-W3
	.47	5800	M 16 x 1,5	.35	.47	1.24	1.56	.49	.87	.87	40.7	8.66		
	12	400	M 18 x 1,5	10	12	31,5	39,5	12,5	24	22	90	4,90		FI-GE-12LM18x1.5-WD-B-W3
	.47	5800	M 18 x 1,5	.39	.47	1.24	1.56	.49	.94	.87	66.6	10.78		
	12	400	M 22 x 1,5	10	14	35	42	14	27	22	125	6,96		FI-GE-12LM22x1.5-WD-B-W3
	.47	5800	M 22 x 1,5	.39	.55	1.38	1.65	.55	1.06	.87	92.5	15.31		
	15	400	M 16 x 1,5	9	12	32,5	40,5	13,5	24	27	55	5,15		FI-GE-15LM16x1.5-WD-B-W3
	.59	5800	M 16 x 1,5	.35	.47	1.28	1.59	.53	.94	1.06	40.7	11.33		
	15	400	M 18 x 1,5	11	12	32,5	40,5	13,5	24	27	90	5,05		FI-GE-15LM-WD-B-W3
	.59	5800	M 18 x 1,5	.43	.47	1.28	1.59	.53	.94	1.06	66.6	11.11		
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	125	7,15		FI-GE-15LM22x1.5-WD-B-W3
	.59	5800	M 22 x 1,5	.47	.55	1.38	1.69	.55	1.06	1.06	92.5	15.73		
	15	250	M 26 x 1,5	18	16	38	46	15	32	27	180	9,56		FI-GE-15LM26x1.5-WD-B-W3
	.59	3625	M 26 x 1,5	.71	.63	1.50	1.81	.59	1.26	1.06	133.2	21.08		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is NBR (Buna-N®).

Male stud acc. to ISO 9974-2 (Type E)
Port acc. to 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.



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



C

Metric Parallel Thread

Profile Sealing Ring

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)									Torque (N·m/N·lb)	Weight (kg/lbs) Ca.	Ordering Codes ³
L	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100		
	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	90	6,26		FI-GE-18LM18x1.5-WD-B-W3
	.71	5800		.43	.47	1.32	1.67	.55	1.06	1.26	66.6	13.77		
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	125	7,43		FI-GE-18LM-WD-B-W3
	.71	5800		.55	.55	1.42	1.77	.57	1.06	1.26	92.5	16.35		
	18	250	M 26 x 1,5	15	16	38	47	16	32	32	180	10,88		FI-GE-18LM26x1.5-WD-B-W3
	.71	3625		.59	.63	1.50	1.85	.63	1.26	1.26	133.2	23.99		
	18	250	M 27 x 2	15	16	38	47	14,5	32	32	180	11,17		FI-GE-18LM27x2-WD-B-W3
	.71	3625		.59	.63	1.50	1.85	.57	1.26	1.26	133.2	24.63		
	18	250	M 33 x 2	15	18	41	49	15,5	41	32	310	13,17		FI-GE-18LM33x2-WD-B-W3
	.71	3625		.59	.71	1.61	1.93	.61	1.61	1.26	229.4	29.03		
	18	250	M 18 x 1,5	15	12	35,5	44	16	32	36	90	8,00		FI-GE-22LM18x1.5-WD-B-W3
	.71	3625		.59	.47	1.40	1.73	.63	1.26	1.42	66.6	17.64		
	22	250	M 22 x 1,5	14	14	38	47	16,5	32	36	125	9,10		FI-GE-22LM22x1.5-WD-B-W3
	.87	3625		.55	.55	1.50	1.85	.65	1.26	1.42	92.5	20.02		
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	180	10,23		FI-GE-22LM-WD-B-W3
	.87	3625		.71	.63	1.57	1.93	.65	1.26	1.42	133.2	22.51		
	22	250	M 27 x 2	18	16	40	50	16,5	32	36	180	10,45		FI-GE-22LM27x2-WD-B-W3
	.87	3625		.71	.63	1.57	1.97	.65	1.26	1.42	133.2	23.04		
	22	250	M 33 x 2	23	18	43	52	17,5	41	36	310	16,15		FI-GE-22LM33x2-WD-B-W3
	.87	3625		.91	.71	1.69	2.05	.69	1.61	1.42	229.4	35.60		
	28	250	M 26 x 1,5	18	16	41	50	17,5	41	41	180	14,39		FI-GE-28LM26x1.5-WD-B-W3
	1.10	3625		.71	.63	1.61	1.97	.69	1.61	1.61	133.2	31.72		
	28	250	M 33 x 2	23	18	43	52	17,5	41	41	310	16,76		FI-GE-28LM-WD-B-W3
	1.10	3625		.91	.71	1.69	2.05	.69	1.61	1.61	229.4	36.87		
	28	250	M 42 x 2	30	20	46	55	18,5	50	41	450	26,5		FI-GE-28LM42x2-WD-B-W3
	1.10	3625		1.18	.79	1.81	2.17	.73	1.97	1.61	333.0	58.42		
	35	250	M 33 x 2	23	18	46	57	17,5	46	50	310	21,56		FI-GE-35LM33x2-WD-B-W3
	1.38	3625		.91	.71	1.81	2.24	.69	1.81	1.97	229.4	47.53		
	35	250	M 42 x 2	30	20	48	59	17,5	50	50	450	27,63		FI-GE-35LM-WD-B-W3
	1.38	3625		1.18	.79	1.89	2.32	.69	1.97	1.97	333.0	60.79		
	42	250	M 42 x 2	30	20	50	61	19	55	60	450	21,09		FI-GE-42LM42x2-WD-B-W3
	1.65	3625		1.18	.79	1.97	2.40	.75	2.17	2.36	333.0	46.50		
	42	250	M 48 x 2	36	22	52	64	19	55	60	540	34,63		FI-GE-42LM-WD-B-W3
	1.65	3625		1.42	.87	2.05	2.52	.75	2.17	2.36	399.6	76.19		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is NBR (Buna-N®).

Male stud acc. to ISO 9974-2 (Type E)

Port acc. to 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*-WD*-B*-W3*-MS**

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Light Series (pages 52/53) L
Heavy Series (page 54) S

* Thread Type Metric Parallel Thread M

If required, please indicate special sizes, e.g. M12x1.5!

* Seal Type Profile Sealing Ring -WD

* 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

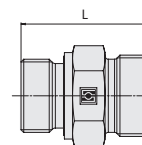
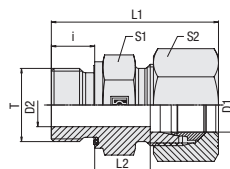
Spare Parts / Accessories



Profile Sealing Ring Type WDG Page 238



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



Ordering Codes

***FI-GE*-10*S*M*-WD*-B*-W3*-MS**

* Straight Male Stud Fitting **FI-GE**

* Outside Tube Diameter D1 (in mm) **-10**

* Series Light Series (pages 52/53) **L**
Heavy Series (page 54) **S**

* Thread Type Metric Parallel Thread **M**

If required, please indicate special sizes, e.g. M12x1.5!

* Seal Type Profile Sealing Ring **-WD**

* 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



Profile Sealing Ring
Type **WDG** Page 238

Profile Sealing Ring

Metric Parallel Thread

Series	Tube OD	PN	Dimensions								Torque	Weight	Ordering Codes ³		
	(mm/in)	(bar/PSI)	(mm/in)	Thread	T	D2	i	L	L ¹	L2	S1	S2		(N·m/ft·lb)	(kg/lbs) ca.
	D1												Thread T	per 100	
S	6	800	M 12 x 1,5	4	12	32	40	13	17	17	35	2,93			FI-GE-06SM-WD-B-W3
	.24	11600		.16	.47	1.26	1.57	.51	.67	.67	25.9	6.44			
	8	800	M 12 x 1,5	4	12	34	41	14,5	19	19	35	3,18			FI-GE-08SM12x1.5-WD-B-W3
	.31	11600		.16	.47	1.34	1.61	.57	.75	.75	25.9	7.01			
	8	800	M 14 x 1,5	5	12	34	42	15	19	19	55	4,16			FI-GE-08SM-WD-B-W3
	.31	11600		.20	.47	1.34	1.65	.59	.75	.75	40.7	9.16			
	10	800	M 14 x 1,5	5	12	34,5	43,5	15	19	22	55	4,97			FI-GE-10SM14x1.5-WD-B-W3
	.39	11600		.20	.47	1.36	1.71	.59	.75	.87	40.7	10.93			
	10	800	M 16 x 1,5	7	12	34,5	43,5	15	22	22	70	5,36			FI-GE-10SM-WD-B-W3
	.39	11600		.28	.47	1.36	1.71	.59	.87	.87	51.8	11.79			
	12	800	M 14 x 1,5	5	12	36	45	16,5	22	24	55	6,00			FI-GE-12SM14x1.5-WD-B-W3
	.47	11600		.20	.47	1.42	1.77	.65	.87	.94	40.7	13.20			
	12	800	M 16 x 1,5	8	12	36	45	16,5	22	24	70	6,12			FI-GE-12SM16x1.5-WD-B-W3
	0,47	11600		.31	.47	1.42	1.77	.65	.87	.94	51.8	13.47			
	12	630	M 18 x 1,5	8	12	36,5	45,5	17	24	24	90	7,12			FI-GE-12SM-WD-B-W3
	.47	9135		.31	.47	1.44	1.79	.67	.94	.94	66.6	15.67			
	12	630	M 22 x 1,5	8	14	39	48	17,5	27	24	135	9,28			FI-GE-12SM22x1.5-WD-B-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	99.9	20.42			
	14	630	M 20 x 1,5	10	14	41	51	19	27	27	125	9,46			FI-GE-14SM-WD-B-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	92.5	20.82			
	16	630	M 18 x 1,5	8	12	38,5	48,5	18	24	30	90	7,82			FI-GE-16SM18x1.5-WD-B-W3
	.63	9135		.31	.47	1.52	1.91	.71	.94	1.18	66.6	17.20			
	16	630	M 22 x 1,5	12	14	41	51	18,5	27	30	135	9,52			FI-GE-16SM-WD-B-W3
	.63	9135		.47	.55	1.61	2.01	.73	1.06	1.18	99.9	20.95			
	16	420	M 27 x 2	12	16	43	53	18,5	32	30	180	14,46			FI-GE-16SM27x2-WD-B-W3
	.63	6091		.47	.63	1.69	2.09	.73	1.26	1.18	133.2	31.88			
	20	420	M 22 x 1,5	12	14	45	56	20,5	32	36	135	14,03			FI-GE-20SM22x1.5-WD-B-W3
	.79	6091		.47	.55	1.77	2.20	.81	1.26	1.42	99.9	30.93			
	20	420	M 27 x 2	16	16	47	58	20,5	32	36	180	15,10			FI-GE-20SM-WD-B-W3
	.79	6091		.63	.63	1.85	2.28	.81	1.26	1.42	133.2	33.22			
	25	420	M 26 x 1,5	15	16	51	62	23	41	46	180	24,27			FI-GE-25SM26x1.5-WD-B-W3
	.98	6091		.59	.63	2.01	2.44	.91	1.61	1.81	133.2	53.51			
	25	420	M 27 x 2	16	16	51	62	23	41	46	180	24,42			FI-GE-25SM27x2-WD-B-W3
	.98	6091		.63	.63	2.01	2.44	.91	1.61	1.81	133.2	53.84			
	25	420	M 33 x 2	20	18	53	65	23	41	46	310	26,43			FI-GE-25SM-WD-B-W3
	.98	6091		.79	.71	2.09	2.56	.91	1.61	1.81	229.4	58.15			
	30	420	M 33 x 2	20	18	55	68	23,5	50	50	310	37,1			FI-GE-30SM33x2-WD-B-W3
	1.18	6091		.79	.71	2.17	2.68	.93	1.97	1.97	229.4	81.79			
	30	420	M 42 x 2	25	20	57	70	23,5	50	50	450	41,84			FI-GE-30SM-WD-B-W3
	1.18	6091		.98	.79	2.24	2.76	.93	1.97	1.97	333.0	92.06			
	38	420	M 48 x 2	32	22	64	79	26	55	60	540	57,00			FI-GE-38SM-WD-B-W3
	1.50	6091		1.26	.87	2.52	3.11	1.02	2.17	2.36	399.6	125.40			

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is NBR (Buna-N®).

Male stud acc. to ISO 9974-2 (Type E)

Port acc. to ISO 9974-1

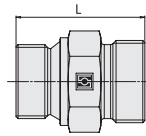
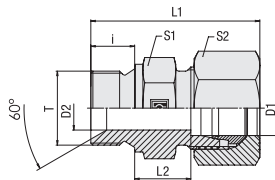
Torque recommendations for Steel mating material.

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.



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



C

Whitworth Parallel Pipe Thread (BSPP)

60° Conical Bore / Sealing Surface for Gaskets

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)									Torque (Nm/lb-ft)	Weight (kg/lbs) Ca.	Ordering Codes ³
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T		per 100	
L	6	250	G 1/8	3,5	8	23,5	31,5	8,5	14	14	20	1,38		FI-GE-06LR-DF-W3
	.24	3625		.14	.31	.93	1.24	.33	.55	.55	14.8	3.04		
	6	250	G 1/4	4	12	29	36	10	19	14	50	2,75		FI-GE-06LR1/4-DF-W3
	.24	3625		.16	.47	1.14	1.42	.39	.75	.55	37.0	6.05		
	6	250	G 3/8	7,9	12	30,5	38	11	22	14	80	3,94		FI-GE-06LR3/8-DF-W3
	.24	3625		.31	.47	1.20	1.50	.43	.87	.55	59.2	8.68		
	8	250	G 1/8	3,5	8	24,5	32	10	14	17	20	1,71		FI-GE-08LR1/8-DF-W3
	.31	3625		.14	.31	.96	1.26	.39	.55	.67	14.8	3.76		
	8	250	G 1/4	4,7	12	29	37	10	19	17	50	2,87		FI-GE-08LR-DF-W3
	.31	3625		.19	.47	1.14	1.46	.39	.75	.67	37.0	6.31		
	8	250	G 3/8	6	12	30,5	38	11	22	17	80	4,28		FI-GE-08LR3/8-DF-W3
	.31	3625		.24	.47	1.20	1.50	.43	.87	.67	59.2	9.41		
	10	250	G 1/4	4,7	12	30	38	11	19	19	50	2,82		FI-GE-10LR-DF-W3
	.39	3625		.19	.47	1.18	1.50	.43	.75	.75	37.0	6.21		
	10	250	G 3/8	7,9	12	31,5	39	12,5	22	19	80	4,18		FI-GE-10LR3/8-DF-W3
	.39	3625		.31	.47	1.24	1.54	.49	.87	.75	59.2	9.19		
	10	160	G 1/2	11,1	14	34	41	13	27	19	140	6,28		FI-GE-10LR1/2-DF-W3
	.39	2320		.44	.55	1.34	1.61	.51	1.06	.75	103.6	13.81		
	12	250	G 1/4	4,7	12	31	39	12	19	22	50	3,30		FI-GE-12LR1/4-DF-W3
	.47	3625		.19	.47	1.22	1.54	.47	.75	.87	37.0	7.26		
	12	250	G 3/8	7,9	12	31,5	39,5	12,5	22	22	80	4,39		FI-GE-12LR-DF-W3
	.47	3625		.31	.47	1.24	1.56	.49	.87	.87	59.2	9.66		
	12	160	G 1/2	10	14	34	42	13	27	22	140	6,47		FI-GE-12LR1/2-DF-W3
	.47	2320		.39	.55	1.34	1.65	.51	1.06	.87	103.6	14.23		
	15	250	G 3/8	7,9	12	32,5	40	13,5	24	27	80	5,18		FI-GE-15LR3/8-DF-W3
	.59	3625		.31	.47	1.28	1.57	.53	.94	1.06	59.2	11.39		
	15	160	G 1/2	11,1	14	35	40,5	14	27	27	140	6,98		FI-GE-15LR-DF-W3
	.59	2320		.44	.55	1.38	1.59	.55	1.06	1.06	103.6	15.35		
	18	250	G 3/8	7,9	12	33,5	41	14	27	32	80	4,90		FI-GE-18LR3/8-DF-W3
	.71	3625		.31	.47	1.32	1.61	.55	1.06	1.26	59.2	10.78		
	18	160	G 1/2	11,1	14	35	45	13,5	27	32	140	5,35		FI-GE-18LR-DF-W3
	.71	2320		.44	.55	1.38	1.77	.53	1.06	1.26	103.6	11.77		
	18	160	G 3/4	15	16	38	47	14,5	32	32	190	10,79		FI-GE-18LR3/4-DF-W3
	.71	2320		.59	.63	1.50	1.85	.57	1.26	1.26	140.6	23.74		
	22	160	G 1/2	11,1	14	38	47	16,5	32	36	140	9,53		FI-GE-22LR1/2-DF-W3
	.87	2320		.44	.55	1.50	1.85	.65	1.26	1.42	103.6	20.96		
	22	160	G 3/4	16,7	16	40	49	16,5	32	36	190	9,94		FI-GE-22LR-DF-W3
	.87	2320		.66	.63	1.57	1.93	.65	1.26	1.42	140.6	21.88		
	22	160	G 1	22,2	18	43	51	17,5	41	36	330	16,58		FI-GE-22LR1-DF-W3
	.87	2320		.87	.71	1.69	2.01	.69	1.61	1.42	244.2	36.48		
	28	160	G 1/2	11,1	14	39	48	17,5	41	41	140	13,58		FI-GE-28LR1/2-DF-W3
	1.10	2320		.44	.55	1.54	1.89	.69	1.61	1.61	103.6	29.88		
	28	160	G 3/4	16,7	16	41	50	17,5	41	41	190	15,87		FI-GE-28LR3/4-DF-W3
	1.10	2320		.66	.63	1.61	1.97	.69	1.61	1.61	140.6	34.91		
	28	160	G 1	22,2	18	43	52	17,5	41	41	330	17,46		FI-GE-28LR-DF-W3
	1.10	2320		.87	.71	1.69	2.05	.69	1.61	1.61	244.2	38.41		
	28	160	G 1 1/4	28,6	20	48	57	20,5	50	41	540	20,04		FI-GE-28LR1-1/4-DF-W3
	1.10	2320		1.13	.79	1.89	2.24	.81	1.97	1.61	399.6	44.09		
	35	160	G 1	22,2	18	46	57	17,5	50	50	330	24,26		FI-GE-35LR1-DF-W3
	1.38	2320		.87	.71	1.81	2.24	.69	1.97	1.97	244.2	53.37		
	35	125	G 1 1/4	28,6	20	48	59	17,5	50	50	540	28,81		FI-GE-35LR-DF-W3
	1.38	1813		1.13	.79	1.89	2.32	.69	1.97	1.97	399.6	63.37		
	42	125	G 1 1/4	28,6	20	50	62	19	55	60	540	33,91		FI-GE-42LR1-1/4-DF-W3
	1.65	1813		1.13	.79	1.97	2.44	.75	2.17	2.36	399.6	74.59		
	42	125	G 1 1/2	33,3	22	52	64	19	55	60	630	36,75		FI-GE-42LR-DF-W3
	1.65	1813		1.31	.87	2.05	2.52	.75	2.17	2.36	466.2	80.85		

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 A)

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

Torque recommendations for Steel mating material.

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (page 55) L Heavy Series (page 56) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	60° Conical Bore (BS 5200) / Sealing Surface for Gasket (DIN 7603) -DF
* 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

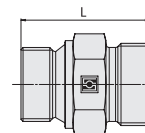
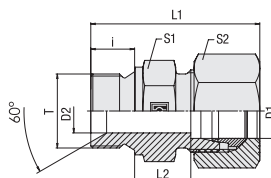
Connecting Parts

	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

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-DF • Series S



60° Conical Bore / Sealing Surface for Gaskets

Whitworth Parallel Pipe Thread (BSPP)

Ordering Codes

FI-GE-10*S*R*-DF*-W3*-MS

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (page 55) L Heavy Series (page 56) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	60° Conical Bore (BS 5200) / Sealing Surface for Gasket (DIN 7603) -DF
* 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 3852-2 (Form A)

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

Torque recommendations for Steel mating material.

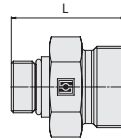
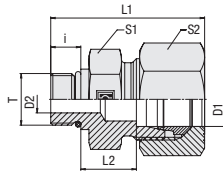
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.

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
S	6	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,09	FI-GE-06SR1/8-DF-W3
	.24	3625	G 1/8	.14	.31	1.08	1.38	.49	.55	.67	14.7	4.59	FI-GE-06SR1/8-DF-W3
	6	250	G 1/4	4	12	32	40	13	19	17	60	3,48	FI-GE-06SR1/4-DF-W3
	.24	3625	G 1/4	.16	.47	1.26	1.57	.51	.75	.67	44.4	7.66	FI-GE-06SR1/4-DF-W3
	6	250	G 3/8	7,9	12	34,5	42	15,5	22	17	100	4,63	FI-GE-06SR3/8-DF-W3
	.24	3625	G 3/8	.31	.47	1.36	1.65	.61	.87	.67	74.0	10.18	FI-GE-06SR3/8-DF-W3
	6	250	G 1/2	11,1	14	35	43	14	27	17	160	6,22	FI-GE-06SR1/2-DF-W3
	.24	3625	G 1/2	.44	.55	1.38	1.69	.55	1.06	.67	118.4	13.68	FI-GE-06SR1/2-DF-W3
	8	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,71	FI-GE-08SR1/8-DF-W3
	.31	3625	G 1/8	.14	.31	1.08	1.38	.49	.55	.67	14.7	5.97	FI-GE-08SR1/8-DF-W3
	8	250	G 1/4	4,7	12	34	42	15	19	19	60	4,10	FI-GE-08SR1/4-DF-W3
	.31	3625	G 1/4	.19	.47	1.34	1.65	.59	.75	.75	44.4	9.01	FI-GE-08SR1/4-DF-W3
	8	250	G 3/8	7,9	12	34,5	42	15,5	22	19	100	5,25	FI-GE-08SR3/8-DF-W3
	.31	3625	G 3/8	.31	.47	1.36	1.65	.61	.87	.75	74.0	11.56	FI-GE-08SR3/8-DF-W3
	8	250	G 1/2	11,1	14	39	47	18	27	19	160	8,47	FI-GE-08SR1/2-DF-W3
	.31	3625	G 1/2	.44	.55	1.54	1.85	.71	1.06	.75	118.4	18.63	FI-GE-08SR1/2-DF-W3
	10	250	G 1/4	4,7	12	34	42	14,5	19	22	60	4,33	FI-GE-10SR1/4-DF-W3
	.39	3625	G 1/4	.19	.47	1.34	1.65	.57	.75	.87	44.4	9.52	FI-GE-10SR1/4-DF-W3
	10	250	G 3/8	7	12	34,5	43,5	15	22	22	100	5,46	FI-GE-10SR3/8-DF-W3
	.39	3625	G 3/8	.28	.47	1.36	1.71	.59	.87	.87	74.0	12.01	FI-GE-10SR3/8-DF-W3
	10	160	G 1/2	11,1	14	35	43	13,5	27	22	160	6,76	FI-GE-10SR1/2-DF-W3
	.39	2320	G 1/2	.44	.55	1.38	1.69	.53	1.06	.87	118.4	14.87	FI-GE-10SR1/2-DF-W3
	12	250	G 1/4	4,7	12	36	44	16,5	22	24	60	5,70	FI-GE-12SR1/4-DF-W3
	.47	3625	G 1/4	.19	.47	1.42	1.73	.65	.87	.94	44.4	12.53	FI-GE-12SR1/4-DF-W3
	12	250	G 3/8	7,9	12	36,5	45,5	17	22	24	100	6,17	FI-GE-12SR3/8-DF-W3
	.47	3625	G 3/8	.31	.47	1.44	1.79	.67	.87	.94	74.0	13.57	FI-GE-12SR3/8-DF-W3
	12	160	G 1/2	11,1	14	39	48	17,5	27	24	160	8,75	FI-GE-12SR1/2-DF-W3
	.47	2320	G 1/2	.44	.55	1.54	1.89	.69	1.06	.94	118.4	19.25	FI-GE-12SR1/2-DF-W3
	12	160	G 3/4	16,7	16	43	51	19,5	32	24	280	12,90	FI-GE-12SR3/4-DF-W3
	.47	2320	G 3/4	.66	.63	1.69	2.01	.77	1.26	.94	207.2	28.37	FI-GE-12SR3/4-DF-W3
	14	160	G 1/2	10	14	41	51	19	27	27	160	9,56	FI-GE-14SR1/2-DF-W3
	.55	2320	G 1/2	.39	.55	1.61	2.01	.75	1.06	1.06	118.4	21.03	FI-GE-14SR1/2-DF-W3
	16	250	G 3/8	7,9	12	38,5	48	18	27	30	100	6,82	FI-GE-16SR3/8-DF-W3
	.63	3625	G 3/8	.31	.47	1.52	1.89	.71	1.06	1.18	74.0	15.01	FI-GE-16SR3/8-DF-W3
	16	160	G 1/2	11,1	14	41	51	18,5	27	30	160	9,05	FI-GE-16SR1/2-DF-W3
	.63	2320	G 1/2	.44	.55	1.61	2.01	.73	1.06	1.18	118.4	19.92	FI-GE-16SR1/2-DF-W3
	16	160	G 3/4	16,7	16	45	55	20,5	32	30	280	13,31	FI-GE-16SR3/4-DF-W3
	.63	2320	G 3/4	.66	.63	1.77	2.17	.81	1.26	1.18	207.2	29.27	FI-GE-16SR3/4-DF-W3
	20	160	G 1/2	11,1	14	45	54	20,5	32	36	160	13,74	FI-GE-20SR1/2-DF-W3
	.79	2320	G 1/2	.44	.55	1.77	2.13	.81	1.26	1.42	118.4	30.22	FI-GE-20SR1/2-DF-W3
	20	160	G 3/4	16	16	47	58	20,5	32	36	280	14,90	FI-GE-20SR3/4-DF-W3
	.79	2320	G 3/4	.63	.63	1.85	2.28	.81	1.26	1.42	207.2	32.77	FI-GE-20SR3/4-DF-W3
	20	160	G 1	22,2	18	51	62	22,5	41	36	440	23,12	FI-GE-20SR1-DF-W3
	.79	2320	G 1	.87	.71	2.01	2.44	.89	1.61	1.42	325.6	50.86	FI-GE-20SR1-DF-W3
	25	160	G 1/2	11,1	14	49	56	23	41	46	160	23,68	FI-GE-25SR1/2-DF-W3
	.98	2320	G 1/2	.44	.55	1.93	2.20	.91	1.61	1.81	118.4	52.10	FI-GE-25SR1/2-DF-W3
	25	160	G 3/4	16,7	16	51	63	23	41	46	280	23,73	FI-GE-25SR3/4-DF-W3
	.98	2320	G 3/4	.66	.63	2.01	2.48	.91	1.61	1.81	207.2	52.21	FI-GE-25SR3/4-DF-W3
	25	160	G 1	20	18	53	65	23	41	46	440	20,71	FI-GE-25SR1-DF-W3
	.98	2320	G 1	.79	.71	2.09	2.56	.91	1.61	1.81	325.6	45.55	FI-GE-25SR1-DF-W3
	30	160	G 3/4	16,7	16	53	66	23,5	50	50	280	33,85	FI-GE-30SR3/4-DF-W3
	1.18	2320	G 3/4	.66	.63	2.09	2.60	.93	1.97	1.97	207.2	74.47	FI-GE-30SR3/4-DF-W3
	30	160	G 1	22,2	18	55	68	23,5	46	50	440	32,20	FI-GE-30SR1-DF-W3
	1.18	2320	G 1	.87	.71	2.17	2.68	.93	1.81	1.97	325.6	70.84	FI-GE-30SR1-DF-W3
	30	125	G 1 1/4	25	20	57	70	23,5	50	50	580	40,27	FI-GE-30SR1 1/4-DF-W3
	1.18	1813	G 1 1/4	.98	.79	2.24	2.76	.93	1.97	1.97	429.2	88.59	FI-GE-30SR1 1/4-DF-W3
	38	160	G 1	22,2	18	60	73	26	55	60	440	47,79	FI-GE-38SR1-DF-W3
	1.50	2320	G 1	.87	.71	2.36	2.87	1.02	2.17	2.36	325.6	105.13	FI-GE-38SR1-DF-W3
	38	125	G 1 1/4	38,6	20	62	77	26	55	60	580	51,40	FI-GE-38SR1 1/4-DF-W3
	1.50	1813	G 1 1/4	1.52	.79	2.44	3.03	1.02	2.17	2.36	429.2	113.08	FI-GE-38SR1 1/4-DF-W3
	38	125	G 1 1/2	32	22	64	79	26	55	60	700	54,70	FI-GE-38SR1 1/2-DF-W3
	1.50	1813	G 1 1/2	1.26	.87	2.52	3.11	1.02	2.17	2.36	518.0	120.34	FI-GE-38SR1 1/2-DF-W3



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.	Ordering Codes ³
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	Thread T	per 100			
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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			

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*M*-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

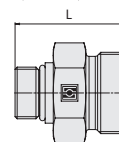
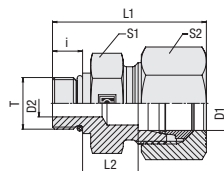
 Union Nut Type FI-M Page 33

 37° Flared Tube Fitting Set Type FI-AB Page 37

Spare Parts / Accessories

 O-Ring Type O-RING Page 239


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



Metric Parallel Thread

O-Ring

Ordering Codes

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

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (page 57) Heavy Series (page 58)	L 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®) FKM (Viton®) EPDM	-B -V -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

Series	Tube OD	PN	Dimensions									Torque	Weight	Ordering Codes ³
	(^{mm} / _{in})	(^{bar} / _{PSI})	(^{mm} / _{in})	D2	i	L	L1 ¹	L2	S1	S2	(^{N·m} / _{ft·lb})	(^{kg} / _{lbs}) ca.		
	D1		Thread T								Thread T	per 100		
S	6	800	M 12 x 1,5	4	11	31	39	13	17	17	35	2,93	FI-GE-06SM-OR-B-W3	
	.24	11600		.16	.43	1.22	1.54	.51	.67	.67	25.9	6.44		
	8	800	M 14 x 1,5	5	11	33	41	15	19	19	40	4,22	FI-GE-08SM-OR-B-W3	
	.31	11600		.20	.43	1.30	1.61	.59	.75	.75	29.6	9.28		
	10	800	M 16 x 1,5	7	12,5	35	44	15	22	22	55	6,11	FI-GE-10SM-OR-B-W3	
	.39	11600		.28	.49	1.38	1.73	.59	.87	.87	40.7	13.43		
	12	630	M 14 x 1,5	6	11	35,5	44	17	24	19	40	6	FI-GE-12SM14x1.5-OR-B-W3	
	.47	9135		.24	.43	1.40	1.73	.67	.94	.75	29.6	13.23		
	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	420	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	6091		.59	.73	1.95	2.38	.81	1.26	1.42	125.8	37.13		
	25	420	M 33 x 2	20	18,5	53,5	65,5	23	41	46	310	27,42	FI-GE-25SM-OR-B-W3	
	.98	6091		.79	.73	2.11	2.58	.91	1.61	1.81	229.4	60.33		
	30	420	M 42 x 2	25	19	56	69	23,5	50	50	330	42,45	FI-GE-30SM-OR-B-W3	
	1.18	6091		.98	.75	2.20	2.72	.93	1.97	1.97	244.2	93.39		
	38	420	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	6091		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.

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



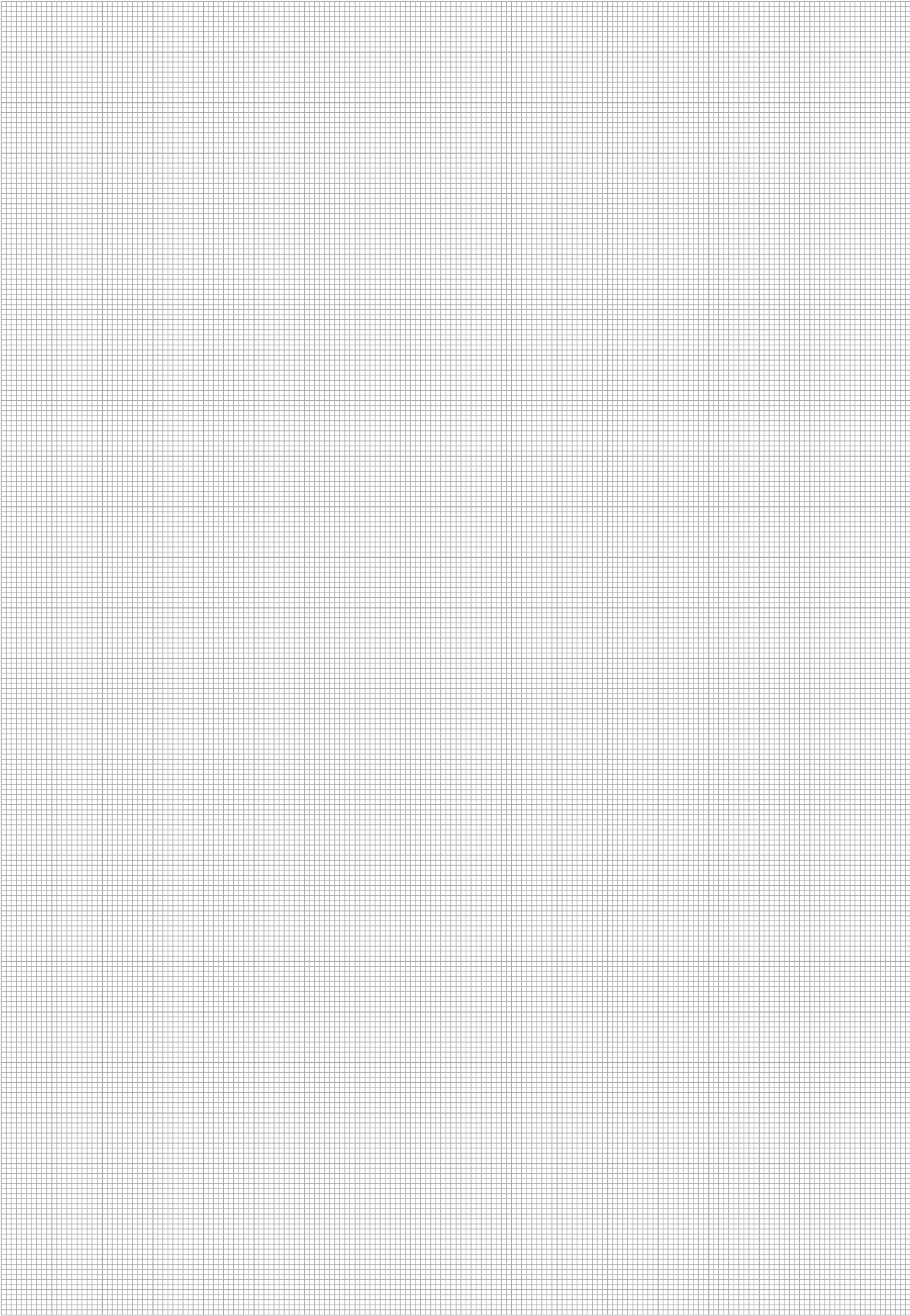
37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories

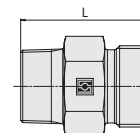
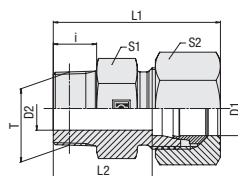


O-Ring
Type **O-RING** Page 239





Straight Male Stud Fitting Type FI-GE-...-Rk • Series LL



Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

***FI-GE*-10*LL*Rk*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 60) LL Light Series (page 61) L Heavy Series (page 62) S
* Thread Type	Whitworth Taper Pipe Thread (BSPT) Rk
If required, please indicate special sizes, e.g. R1/8k!	
* 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

Series	Tube OD	PN (PB) Dimensions									Weight (^{kg} / _{lbs}) ca. per 100	Ordering Codes ³	
	(^{mm} / _{in})	(^{bar} / _{psi})	(^{mm} / _{in})	D2	i	L	L1 ¹	L2	S1	S2			
LL	D1		Thread T										
	4	100	R 1/8 keg.	3	8	20	26	16	10	10	0,77	FI-GE-04LLRK-W3	
	.16	1450		.12	.31	.79	1.02	.63	.39	.39	1.70		
	6	100	R 1/8 keg.	4,5	8	20	26	14,5	11	12	0,79	FI-GE-06LLRK-W3	
	.24	1450		.18	.31	.79	1.02	.57	.43	.47	1.75		
	6	100	R 1/4 keg	4,5	12	26	33	20,5	14	12	1,85	FI-GE-06LLR1/4k-W3	
	.24	1450		.18	.47	1.02	1.30	.81	.55	.47	4.08		
	8	100	R 1/8 keg.	4,5	8	22	28	16,5	12	14	1,08	FI-GE-08LLRK-W3	
	.31	1450		.18	.31	.87	1.10	.65	.47	.55	2.38		
	8	100	R 1/4 keg.	6	12	26	32	20,5	14	14	1,71	FI-GE-08LLR1/4k-W3	
	.31	1450		.24	.47	1.02	1.26	.81	.55	.55	3.77		
	10	100	R 1/4 keg.	8	12	26	32	20,5	14	17	2,70	FI-GE-10LLRK-W3	
	.39	1450		.31	.47	1.02	1.26	.81	.55	.67	5.94		
	12	100	R 3/8 keg.	10	12	26	32,5	20	19	19	2,44	FI-GE-12LLR3/8K-W3	
.47	1450	.39		.47	1.02	1.28	.79	.75	.75	5.38			

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 3852-2 (Form C)

Port acc. to DIN 3852-2 (Form Z)

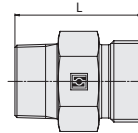
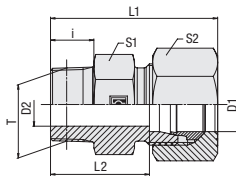
Suitable liquid / plastic sealant required.

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-...-Rk ▪ Series L



C

Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD (mm/in)	PN (PB) (bar/PSI)	Dimensions (mm/in)									Weight (kg/lbs) ca. per 100	Ordering Codes ³
L	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2			
	6	315	R 1/8 keg.	4	8	22	30	15	12	14	1,11		FI-GE-06LRk-W3
	.24	4568		.16	.31	.87	1.18	.59	.47	.55	2.43		
	6	315	R 1/4 keg.	4	12	27	35	20	14	14	1,99		FI-GE-06LR1/4k-W3
	.24	4568		.16	.47	1.06	1.38	.79	.55	.55	4.37		
	6	315	R 3/8 keg.	4	12	28	36	21	19	14	2,80		FI-GE-06LR3/8k-W3
	.24	4568		.16	.47	1.10	1.42	.83	.75	.55	6.17		
	6	315	R 1/2 keg.	4	14	30	38	23	22	14	5,19		FI-GE-06LR1/2k-W3
	.24	4568		.16	.55	1.18	1.50	.91	.87	.55	11.42		
	8	315	R 1/8 keg.	4	8	25	33	18	14	17	1,78		FI-GE-08LR1/8k-W3
	.31	4568		.16	.31	.98	1.30	.71	.55	.67	3.92		
	8	315	R 1/4 keg.	6	12	27	35	20	14	17	1,88		FI-GE-08LRk-W3
	.31	4568		.24	.47	1.06	1.38	.79	.55	.67	4.13		
	8	315	R 3/8 keg.	6	12	28	36	21	19	17	3,44		FI-GE-08LR3/8k-W3
	.31	4568		.24	.47	1.10	1.42	.83	.75	.67	7.58		
	8	315	R 1/2 keg.	6	14	30	38	23	24	17	5,02		FI-GE-08LR1/2k-W3
	.31	4568		.24	.55	1.18	1.50	.91	.94	.67	11.04		
	10	315	R 1/8 keg.	4	8	24	32	17	17	19	1,97		FI-GE-10LR1/8k-W3
	.39	4568		.16	.31	.94	1.26	.67	.67	.75	4.33		
	10	315	R 1/4 keg.	7	12	28	36	21	17	19	2,28		FI-GE-10LRk-W3
	.39	4568		.28	.47	1.10	1.42	.83	.67	.75	5.02		
	10	315	R 3/8 keg.	8	12	29	37	22	19	19	3,13		FI-GE-10LR3/8k-W3
	.39	4568		.31	.47	1.14	1.46	.87	.75	.75	6.88		
	10	315	R 1/2 keg.	8	14	30	38	23	24	19	1,22		FI-GE-10LR1/2k-W3
	.39	4568		.31	.55	1.18	1.50	.91	.94	.75	2.69		
	12	315	R 1/4 keg.	6	12	29	37	22	19	22	3,03		FI-GE-12LR1/4k-W3
	.47	4568		.24	.47	1.14	1.46	.87	.75	.87	6.67		
	12	315	R 3/8 keg.	9	12	29	37	22	19	22	3,28		FI-GE-12LRk-W3
	.47	4568		.35	.47	1.14	1.46	.87	.75	.87	7.22		
	12	315	R 1/2 keg.	10	14	31	39	24	22	22	5,02		FI-GE-12LR1/2k-W3
	.47	4568		.39	.55	1.22	1.54	.94	.87	.87	11.03		
	15	315	R 3/8 keg.	9	12	30	38	23	24	27	5,06		FI-GE-15LR3/8k-W3
	.59	4568		.35	.47	1.18	1.50	.91	.94	1.06	11.13		
	15	315	R 1/2 keg.	12	14	32	40	25	24	27	5,35		FI-GE-15LRk-W3
	.59	4568		.47	.55	1.26	1.57	.98	.94	1.06	11.76		
	15	160	R 3/4 keg.	12	17	36	44	29	27	27	16,48		FI-GE-15LR3/4k-W3
	.59	2320		.47	.67	1.42	1.73	1.14	1.06	1.06	36.26		
	18	315	R 1/2 keg.	14	14	33	42	25,5	27	32	6,42		FI-GE-18LRk-W3
	.71	4568		.55	.55	1.30	1.65	1.00	1.06	1.26	14.13		
	18	315	R 3/8 keg.	9	12	31	40	23,5	27	32	6,4		FI-GE-18LR3/8k-W3
	.71	4568		.35	.47	1.22	1.57	.93	1.06	1.26	14.12		
	18	160	R 3/4 keg.	15	17	36	47	28,5	32	32	10,47		FI-GE-18LR3/4k-W3
	.71	2320		.59	.67	1.42	1.85	1.12	1.26	1.26	23.08		
	22	160	R 1/2 keg.	12	14	38	47	30,5	32	36	10,20		FI-GE-22LR1/2k-W3
	.87	2320		.47	.55	1.50	1.85	1.20	1.26	1.42	22.43		
	22	160	R 3/4 keg.	17	17	37	46	29,5	32	36	8,91		FI-GE-22LRk-W3
	.87	2320		.67	.67	1.46	1.81	1.16	1.26	1.42	19.61		
	22	160	R 1 keg.	19	18	41	51	33,5	36	36	15,89		FI-GE-22LR1k-W3
	.87	2320		.75	.71	1.61	2.01	1.32	1.42	1.42	35.03		
	28	160	R 3/4 keg.	18	16	38	47	31,5	41	41	14,59		FI-GE-28LR3/4k-W3
	1.10	2320		.71	.63	1.50	1.85	1.24	1.61	1.61	32.10		
	28	160	R 1 keg.	23	18	42	51	34,5	41	41	16,49		FI-GE-28LRk-W3
	1.10	2320		.91	.71	1.65	2.01	1.36	1.61	1.61	36.28		
	35	160	R 1 keg.	23	20	45	56	34,5	46	50	23,76		FI-GE-35LR1k-W3
	1.38	2320		.91	.79	1.77	2.20	1.36	1.81	1.97	52.38		
	35	160	R 1 1/4 keg.	30	20	45	56	34,5	46	50	23,73		FI-GE-35LRk-W3
	1.38	2320		1.18	.79	1.77	2.20	1.36	1.81	1.97	52.21		
	42	160	R 1 1/2 keg.	36	22	49	61	38	55	60	33,09		FI-GE-42LRk-W3
	1.65	2320		1.42	.87	1.93	2.40	1.50	2.17	2.36	72.81		

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 60) LL Light Series (page 61) L Heavy Series (page 62) S
* Thread Type	Whitworth Taper Pipe Thread (BSPT) Rk
If required, please indicate special sizes, e.g. R1/8k!	
* 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 3852-2 (Form C)

Port acc. to DIN 3852-2 (Form Z)

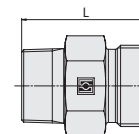
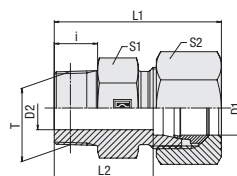
Suitable liquid / plastic sealant required.

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-...-Rk • Series S



Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

FI-GE-10*S*Rk*-W3*-MS

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 60) LL Light Series (page 61) L Heavy Series (page 62) S
* Thread Type	Whitworth Taper Pipe Thread (BSPT) Rk
If required, please indicate special sizes, e.g. R1/8k!	
* 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

Series	Tube OD (^{mm} / _{in})	PB (^{bar} / _{psi})	Dimensions (^{mm} / _{in})									Weight (^{kg} / _{lbs}) ca. per 100	Ordering Codes ³
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2			
S	6	630	R 1/4 keg.	4	12	30	38	23	17	17	3,01	FI-GE-06SRk-W3	
	.24	9135		.16	.47	1.18	1.50	.91	.67	.67	6.62		
	8	630	R 1/4 keg.	5	12	29	37	22	17	19	3,50	FI-GE-08SRk-W3	
	.31	9135		.20	.47	1.14	1.46	.87	.67	.75	7.69		
	10	630	R 3/8 keg.	7	12	32	41	24,5	19	22	4,49	FI-GE-10SRk-W3	
	.39	9135		.28	.47	1.26	1.61	.96	.75	.87	9.88		
	12	630	R 3/8 keg.	8	12	34	43	26,5	22	24	6,03	FI-GE-12SRk-W3	
	.47	9135		.31	.47	1.34	1.69	1.04	.87	.94	13.27		
	14	630	R 3/8 keg.	8	12	34,5	45	26,5	24	27	6,56	FI-GE-14SR3/8k-W3	
	.55	9135		.31	.47	1.36	1.77	1.04	.94	1.06	14.46		
	14	630	R 1/2 keg.	10	14	35	45	27	24	27	7,04	FI-GE-14SRk-W3	
	.55	9135		.39	.55	1.38	1.77	1.06	.94	1.06	15.48		
	16	400	R 3/8 keg.	9	12	32	47	23,5	27	30	6,13	FI-GE-16SR3/8k-W3	
	.63	5800		.35	.47	1.26	1.85	.93	1.06	1.18	13.51		
	16	400	R 1/2 keg.	12	14	38	48	29,5	27	30	8,52	FI-GE-16SRk-W3	
	.63	5800		.47	.55	1.50	1.89	1.16	1.06	1.18	18.75		
	20	400	R 3/4 keg.	16	17	45,5	57	35	32	36	14,43	FI-GE-20SRk-W3	
	.79	5800		.63	.67	1.79	2.24	1.38	1.26	1.42	31.75		
	25	400	R 3/4 keg.	16	17	48	62,5	37	41	46	10,15	FI-GE-25SR3/4k-W3	
	.98	5800		.63	.67	1.89	2.46	1.46	1.61	1.81	22.38		
	25	400	R 1 keg.	20	18	49	63,5	37	41	46	25,81	FI-GE-25SRk-W3	
	.98	5800		.79	.71	1.93	2.50	1.46	1.61	1.81	56,90		
	30	400	R 1 keg.	20	18	52	67,5	39	50	50	31,78	FI-GE-30SR1k-W3	
	1.18	5800		.79	.71	2.05	2.66	1.54	1.97	1.97	70,06		
	30	250	R 1-1/4 keg.	25	20	54	69,5	41	50	50	36,69	FI-GE-30SRk-W3	
	1.18	3626		.98	.79	2.13	2.74	1.61	1.97	1.97	80,89		
	38	250	R 1 1/2 keg.	32	22	59	75	43	55	60	50,8	FI-GE-38SRk-W3	
	1.50	3626		1.26	.87	2.32	2.95	1.69	2.17	2.36	111.99		

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 C)

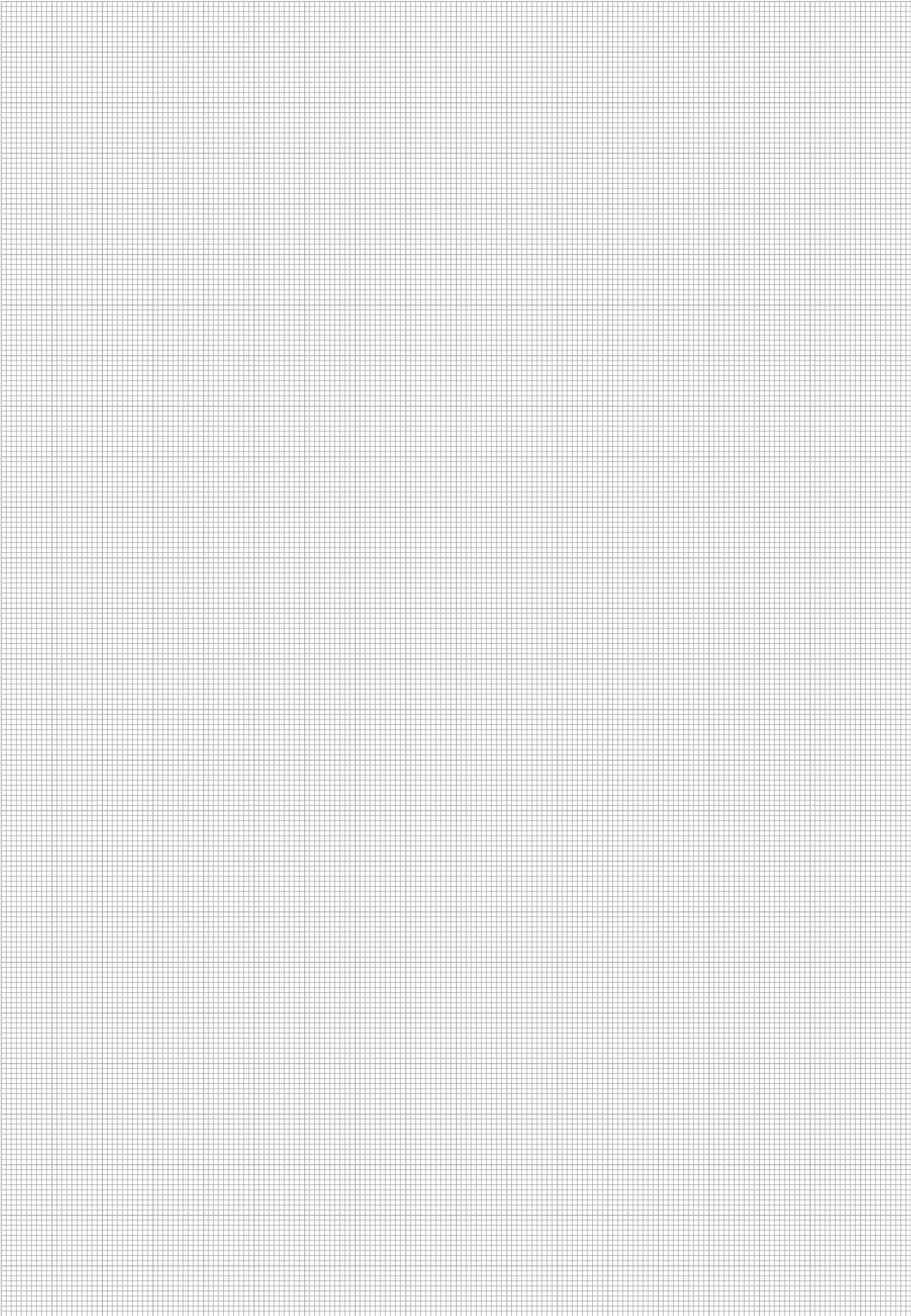
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

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.

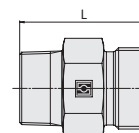
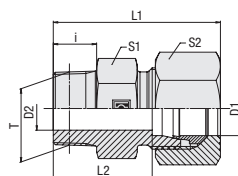
Please contact STAUFF prior to the assembly for further information.





Straight Male Stud Fitting

Type FI-GE-...-Mk ▪ Series LL / L



Metric Taper Thread

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series LL Light Series L
* Thread Type	Metric Taper Thread Mk
If required, please indicate special sizes, e.g. M16x1.5k!	
* 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

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)	Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1		Thread T	D2 i L L ¹ L2 S1 S2	
LL	4	100	M 6 x 1 keg.	2,5 8 20 26 16 9 10 0,50	FI-GE-04LLM6x1k-W3
	.16	1450		.10 .31 .79 1.02 .63 .35 .39 1.09	
	4	100	M 8 x 1 keg.	3 8 20 26 16 10 10 0,63	FI-GE-04LLMk-W3
	.16	1450		.12 .31 .79 1.02 .63 .39 .39 1.39	
	4	100	M 10 x 1 keg.	3 8 20 26 16 11 10 0,85	FI-GE-04LLM10x1k-W3
	.16	1450		.12 .31 .79 1.02 .63 .43 .39 1.87	
	6	100	M 6 x 1 keg.	2 8 20 26 14,5 11 12 0,68	FI-GE-06LLM6x1k-W3
	.24	1450		.08 .31 .79 1.02 .57 .43 .47 1.50	
	6	100	M 8 x 1 keg.	3 8 20 26 14,5 11 12 0,75	FI-GE-06LLM8x1k-W3
	.24	1450		.12 .31 .79 1.02 .57 .43 .47 1.66	
	6	100	M 10 x 1 keg.	4 8 20 26 14,5 11 12 0,85	FI-GE-06LLMk-W3
	.24	1450		.16 .31 .79 1.02 .57 .43 .47 1.88	
	8	100	M 8 x 1 keg.	3,5 8 22 28 16,5 12 14 1,29	FI-GE-08LLM8x1k-W3
	.31	1450		.14 .31 .87 1.10 .65 .47 .55 2.83	
	8	100	M 10 x 1 keg.	6 8 22 28 16,5 12 14 0,98	FI-GE-08LLMk-W3
	.31	1450		.24 .31 .87 1.10 .65 .47 .55 2.15	
L	6	315	M 10 x 1 keg.	4 8 23 31 16 14 14 1,44	FI-GE-06LMk-W3
	.24	4568		.16 .31 .91 1.22 .63 .55 .55 3.17	
	6	315	M 12 x 1,5 keg.	4 12 27 35 20 14 14 1,56	FI-GE-06LM12x1.5k-W3
	.24	4568		.16 .47 1.06 1.38 .79 .55 .55 3.44	
	8	315	M 12 x 1,5 keg.	6 12 27 35 20 14 17 1,74	FI-GE-08LMk-W3
	.31	4568		.24 .47 1.06 1.38 .79 .55 .67 3.83	
	8	315	M 14 x 1,5 keg.	6 12 27 35 20 17 17 3,11	FI-GE-08LM14x1.5k-W3
	.31	4568		.24 .47 1.06 1.38 .79 .67 .67 6.83	
	10	315	M 14 x 1,5 keg.	7 12 28 36 21 17 19 2,51	FI-GE-10LMk-W3
	.39	4568		.28 .47 1.10 1.42 .83 .67 .75 5.53	
	10	315	M 16 x 1,5 keg.	8 12 28 36 21 17 19 4,05	FI-GE-10LM16x1.5k-W3
	.39	4568		.31 .47 1.10 1.42 .83 .67 .75 8.91	
	12	315	M 16 x 1,5 keg.	9 12 29 37 22 19 22 3,18	FI-GE-12LMk-W3
	.47	4568		.35 .47 1.14 1.46 .87 .75 .87 6.99	
	12	315	M 18 x 1,5 keg.	10 12 29 37 22 19 22 4,90	FI-GE-12LM18x1.5k-W3
	.47	4568		.39 .47 1.14 1.46 .87 .75 .87 10.78	
	15	315	M 18 x 1,5 keg.	11 12 30 41 23 24 27 4,73	FI-GE-15LMk-W3
	.59	4568		.43 .47 1.18 1.61 .91 .94 1.06 10.41	
	18	315	M 22 x 1,5 keg.	14 14 33 42 25,5 27 32 7,02	FI-GE-18LMk-W3
	.71	4568		.55 .55 1.30 1.65 1.00 1.06 1.26 15.44	

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 C)

Port acc. to DIN 3852-1 (Form Z)

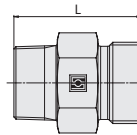
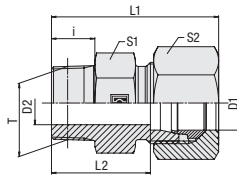
Suitable liquid / plastic sealant required.

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-...-N • Series LL / L



C

NPT Thread

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1		Thread T D2 i L L1 ¹ L2 S1 S2		
LL	4	100	1/8 NPT 3 10 22 28 18 11 10 0,98		FI-GE-04LL1/8N-W3
	.16	1450	.12 .39 .87 1.10 .71 .43 .39 2.15		
	6	100	1/8 NPT 4,5 10 22 28 16,5 11 12 0,90		FI-GE-06LL1/8N-W3
	.24	1450	.18 .39 .87 1.10 .65 .43 .47 1.97		
	8	100	1/8 NPT 5 10 24 30 18,5 12 14 1,16		FI-GE-08LL1/8N-W3
L	.31	1450	.20 .39 .94 1.18 .73 .47 .55 2.55		
	6	315	1/8 NPT 4 10 24 32 17 12 14 1,21		FI-GE-06L1/8N-W3
	.24	4568	.16 .39 .94 1.26 .67 .47 .55 2.66		
	6	315	1/4 NPT 4 15,5 30 38 23 17 14 2,63		FI-GE-06L1/4N-W3
	.24	4568	.16 .61 1.18 1.50 .91 .67 .55 5.79		
	6	315	3/8 NPT 4 15,5 31 39 24 19 14 4,01		FI-GE-06L3/8N-W3
	.24	4568	.16 .61 1.22 1.54 .94 .75 .55 8.82		
	6	315	1/2 NPT 4 20 36 44 29 22 14 5,62		FI-GE-06L1/2N-W3
	.24	4568	.16 .79 1.42 1.73 1.14 .87 .55 12.37		
	8	315	1/8 NPT 4 10 25 33 18 14 17 1,65		FI-GE-08L1/8N-W3
	.31	4568	.16 .39 .98 1.30 .71 .55 .67 3.63		
	8	315	1/4 NPT 6 15 30 38 23 17 17 2,49		FI-GE-08L1/4N-W3
	.31	4568	.24 .59 1.18 1.50 .91 .67 .67 5.48		
	8	315	3/8 NPT 6 15,5 30 38 23 19 17 3,70		FI-GE-08L3/8N-W3
	.31	4568	.24 .61 1.18 1.50 .91 .75 .67 8.14		
	8	315	1/2 NPT 6 20 36 44 29 22 17 6,78		FI-GE-08L1/2N-W3
	.31	4568	.24 .79 1.42 1.73 1.14 .87 .67 14.91		
	10	315	1/8 NPT 4 10 25 33 18 17 19 1,90		FI-GE-10L1/8N-W3
	.39	4568	.16 .39 .98 1.30 .71 .67 .75 4.18		
	10	315	1/4 NPT 7 15 31 39 24 17 19 2,53		FI-GE-10L1/4N-W3
	.39	4568	.28 .59 1.22 1.54 .94 .67 .75 5.57		
	10	315	3/8 NPT 7 15 32 40 25 19 19 3,97		FI-GE-10L3/8N-W3
	.39	4568	.28 .59 1.26 1.57 .98 .75 .75 8.73		
	10	315	1/2 NPT 7 20 37 45 30 22 19 6,99		FI-GE-10L1/2N-W3
	.39	4568	.28 .79 1.46 1.77 1.18 .87 .75 15.39		
	10	315	3/4 NPT 8 20 38 46 31 27 19 5,67		FI-GE-10L3/4N-W3
	.39	4568	.31 .79 1.50 1.81 1.22 1.06 .75 12.47		
	12	315	1/8 NPT 4 10 26 34 19 19 22 2,48		FI-GE-12L1/8N-W3
	.47	4568	.16 .39 1.02 1.34 .75 .75 .87 5.45		
	12	315	1/4 NPT 7 15 32 40 25 19 22 3,21		FI-GE-12L1/4N-W3
	.47	4568	.28 .59 1.26 1.57 .98 .75 .87 7.05		
	12	315	3/8 NPT 8 15 32 40 25 19 22 3,95		FI-GE-12L3/8N-W3
	.47	4568	.31 .59 1.26 1.57 .98 .75 .87 8.69		
	12	315	1/2 NPT 10 20 37 45 30 24 22 6,48		FI-GE-12L1/2N-W3
	.47	4568	.39 .79 1.46 1.77 1.18 .94 .87 14.25		
	12	315	3/4 NPT 8 20 38 46 31 27 22 10,93		FI-GE-12L3/4N-W3
	.47	4568	.31 .79 1.50 1.81 1.22 1.06 .87 24.04		
	15	315	1/4 NPT 7 15 33 41 26 24 27 4,72		FI-GE-15L1/4N-W3
	.59	4568	.28 .59 1.30 1.61 1.02 .94 1.06 10.38		
	15	315	3/8 NPT 11 15,5 38 41 31 24 27 5,12		FI-GE-15L3/8N-W3
	.59	4568	.43 .61 1.50 1.61 1.22 .94 1.06 11.26		
	15	315	1/2 NPT 12 20 38 46 31 24 27 6,44		FI-GE-15L1/2N-W3
	.59	4568	.47 .79 1.50 1.81 1.22 .94 1.06 14.16		
	15	315	3/4 NPT 12 20 40 48 33 27 27 10,60		FI-GE-15L3/4N-W3
	.59	4568	.47 .79 1.57 1.89 1.30 1.06 1.06 23.31		

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 ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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*1/4*N*-W3*-MS**

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Extra-Light Series (page 65) LL
Light Series (pages 65/66) L
Heavy Series (pages 67/68) S

* Thread Size acc. to dimension table 1/4

Please always indicate thread sizes, e.g. 1/4!

* Thread Type NPT Thread N

* 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

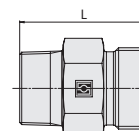
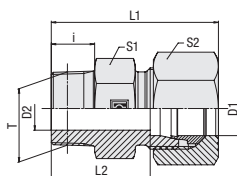
Support Sleeve
Type FI-VH Page 31

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


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



NPT Thread

Series	Tube OD	PN	Dimensions								Weight	Ordering Codes ³
	(^{mm} / _{in})	(^{bar} / _{PSI})	(^{mm} / _{in})							(^{kg} / _{lbs}) ca.		
	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2	per 100	
L	18	315		8	15,5	34	43	26,5	27	32	6,78	
	.71	4568	3/8 NPT	.31	.61	1.34	1.69	1.04	1.06	1.26	14.92	FI-GE-18L3/8N-W3
	18	315		12	20	39	48	31,5	27	32	8,10	
	.71	4568	1/2 NPT	.47	.79	1.54	1.89	1.24	1.06	1.26	17.82	FI-GE-18L1/2N-W3
	18	315		15	20	39	48	31,5	27	32	10,51	
	.71	4568	3/4 NPT	.59	.79	1.54	1.89	1.24	1.06	1.26	23.12	FI-GE-18L3/4N-W3
	18	315		15	25	45	54	37,5	36	32	16,85	
	.71	4568	1 NPT	.59	.98	1.77	2.13	1.48	1.42	1.26	37.08	FI-GE-18L1N-W3
	22	160		14	20	41	50	33,5	32	36	9,26	
	.87	2320	1/2 NPT	.55	.79	1.61	1.97	1.32	1.26	1.42	20.37	FI-GE-22L1/2N-W3
	22	160		16	20	41	50	33,5	32	36	11,07	
	.87	2320	3/4 NPT	.63	.79	1.61	1.97	1.32	1.26	1.42	24.35	FI-GE-22L3/4N-W3
	22	160		19	25	47	56	39,5	36	36	18,05	
	.87	2320	1 NPT	.75	.98	1.85	2.20	1.56	1.42	1.42	39.70	FI-GE-22L1N-W3
	28	160		18	20	42	51	34,5	41	41	18,00	
	1.10	2320	3/4 NPT	.71	.79	1.65	2.01	1.36	1.61	1.61	39.60	FI-GE-28L3/4N-W3
	28	160		21	25	47	56	39,5	41	41	19,89	
	1.10	2320	1 NPT	.83	.98	1.85	2.20	1.56	1.61	1.61	43.76	FI-GE-28L1N-W3
	28	160		24	26	49	58	41,5	46	41	27,00	
	1.10	2320	1 1/4 NPT	.94	1.02	1.93	2.28	1.63	1.81	1.61	59.40	FI-GE-28L1-1/4N-W3
	35	160		21	21	46	57	40,5	46	50	24,03	
	1.38	2320	1 NPT	.83	.83	1.81	2.24	1.59	1.81	1.97	52.98	FI-GE-35L1N-W3
	35	160		28	26	51	62	40,5	46	50	39,59	
	1.38	2320	1 1/4 NPT	1.10	1.02	2.01	2.44	1.59	1.81	1.97	87.09	FI-GE-35L1-1/4N-W3
	42	160		28	26	53	65	42	55	60	35,36	
	1.65	2320	1 1/4 NPT	1.10	1.02	2.09	2.56	1.65	2.17	2.36	77.79	FI-GE-42L1-1/4N-W3
	42	160		36	26	53	65	42	55	60	35,36	
	1.65	2320	1 1/2 NPT	1.42	1.02	2.09	2.56	1.65	2.17	2.36	77.79	FI-GE-42L1-1/2N-W3

Ordering Codes

FI-GE-10*L*1/4*N*-W3*-MS

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 65) LL Light Series (pages 65/66) L Heavy Series (pages 67/68) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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 ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

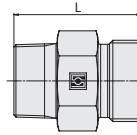
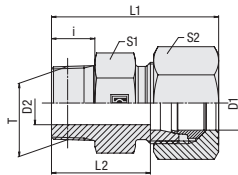
Suitable liquid / plastic sealant required.

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-...-N • Series S



C

NPT Thread

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)									Weight (kg/lbs) ca. per 100	Ordering Codes ³
S	D1		Thread T	D2	i	L	L1 ¹	L2	S1	S2			
	6	630	1/8 NPT	4	10	28	36	21	14	17	2,30		FI-GE-06S1/8N-W3
	.24	9135		.16	.39	1.10	1.42	.83	.55	.67	5.06		
	6	630	1/4 NPT	4	15	35	43	28	17	17	3,71		FI-GE-06S1/4N-W3
	.24	9135		.16	.59	1.38	1.69	1.10	.67	.67	8.17		
	6	630	3/8 NPT	4	15,5	33	41	26	19	17	4,50		FI-GE-06S3/8N-W3
	.24	9135		.16	.61	1.30	1.61	1.02	.75	.67	9.91		
	6	630	1/2 NPT	12	20	38	45	30,5	22	17	8,8		FI-GE-06S1/2N-W3
	.24	9135		.47	.79	1.50	1.77	1.20	.87	.67	19.40		
	8	630	1/8 NPT	4	10	29,5	37,5	22,5	17	19	3,20		FI-GE-08S1/8N-W3
	.31	9135		.16	.39	1.16	1.48	.89	.67	.75	7.04		
	8	630	1/4 NPT	5	15	35	43	28	17	19	3,81		FI-GE-08S1/4N-W3
	.31	9135		.20	.59	1.38	1.69	1.10	.67	.75	8.37		
	8	630	3/8 NPT	5	15,5	36	44	29	19	19	5,31		FI-GE-08S3/8N-W3
	.31	9135		.20	.61	1.42	1.73	1.14	.75	.75	11.68		
	8	630	1/2 NPT	5	20	40	48	33	22	19	8,17		FI-GE-08S1/2N-W3
	.31	9135		.20	.79	1.57	1.89	1.30	.87	.75	17.97		
	10	630	1/4 NPT	5	15	35	44	27,5	19	22	4,36		FI-GE-10S1/4N-W3
	.39	9135		.20	.59	1.38	1.73	1.08	.75	.87	9.59		
	10	630	3/8 NPT	7	15	35	44	27,5	19	22	4,95		FI-GE-10S3/8N-W3
	.39	9135		.28	.59	1.38	1.73	1.08	.75	.87	10.89		
	10	630	1/2 NPT	7	20	38	47	30,5	22	22	7,32		FI-GE-10S1/2N-W3
	.39	9135		.28	.79	1.50	1.85	1.20	.87	.87	16.11		
	12	630	1/4 NPT	5	15	37	46	29,5	22	24	4,84		FI-GE-12S1/4N-W3
	.47	9135		.20	.59	1.46	1.81	1.16	.87	.94	10.66		
	12	630	3/8 NPT	8	15	37	46	29,5	22	24	6,21		FI-GE-12S3/8N-W3
	.47	9135		.31	.59	1.46	1.81	1.16	.87	.94	13.67		
	12	630	1/2 NPT	8	20	42	51	34,5	22	24	8,52		FI-GE-12S1/2N-W3
	.47	9135		.31	.79	1.65	2.01	1.36	.87	.94	18.74		
	12	630	3/4 NPT	8	20	44	53	36,5	30	24	12,38		FI-GE-12S3/4N-W3
	.47	9135		.31	.79	1.73	2.09	1.44	1.18	.94	27.23		
	14	630	3/8 NPT	8	15,5	39	49	31	24	27	7,32		FI-GE-14S3/8N-W3
	.55	9135		.31	.61	1.54	1.93	1.22	.94	1.06	16.11		
	14	630	1/2 NPT	10	20	44	54	36	24	27	6,76		FI-GE-14S1/2N-W3
	.55	9135		.39	.79	1.73	2.13	1.42	.94	1.06	14.88		
	14	630	3/4 NPT	16	20	46	56	38	32	27	15,36		FI-GE-14S3/4N-W3
	.55	9135		.63	.79	1.81	2.20	1.50	1.26	1.06	33.86		
	16	400	3/8 NPT	8	15	39	49	30,5	27	30	8,66		FI-GE-16S3/8N-W3
	.63	5800		.31	.59	1.54	1.93	1.20	1.06	1.18	19.06		
	16	400	1/2 NPT	12	20	44	54	35,5	27	30	4,42		FI-GE-16S1/2N-W3
	.63	5800		.47	.79	1.73	2.13	1.40	1.06	1.18	9.72		
	16	400	3/4 NPT	12	20	45	55	36,5	30	30	13,97		FI-GE-16S3/4N-W3
	.63	5800		.47	.79	1.77	2.17	1.44	1.18	1.18	30.73		

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 ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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*S*1/4*N*-W3*-MS**

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Extra-Light Series (page 65) LL
Light Series (pages 65/66) L
Heavy Series (pages 67/68) S

* Thread Size acc. to dimension table 1/4

Please always indicate thread sizes, e.g. 1/4!

* Thread Type NPT Thread N

* 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

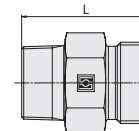
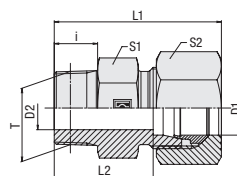
Support Sleeve
Type FI-VH Page 31

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


Straight Male Stud Fitting Type FI-GE-...-N • Series S



NPT Thread

Ordering Codes

***FI-GE*-10*S*1/4*N*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 65) LL Light Series (pages 65/66) L Heavy Series (pages 67/68) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Thread	T	D2	i	L	L1 ¹	L2	S1	S2	Weight (kg/lbs) Ca. per 100	Ordering Codes ³
S	20	400	1/2 NPT	12	20	48	59	37,5	32	36	12,18			FI-GE-20S1/2N-W3
	.79	5800		.47	.79	1.89	2.32	1.48	1.26	1.42	26.80			
	20	400	3/4 NPT	16	20	48	59	37,5	32	36	15,05			FI-GE-20S3/4N-W3
	.79	5800		.63	.79	1.89	2.32	1.48	1.26	1.42	33.12			
	20	400	1 NPT	16	25	55	66	44,5	36	36	25,37			FI-GE-20S1N-W3
	.79	5800		.63	.98	2.17	2.60	1.75	1.42	1.42	55.81			
	25	400	1/2 NPT	20	20	57	59	45	41	46	30,60			FI-GE-25S1/2N-W3
	.98	5800		.79	.79	2.24	2.32	1.77	1.61	1.81	67.32			
	25	400	3/4 NPT	16	20	52	64	40	41	46	23,86			FI-GE-25S3/4N-W3
	.98	5800		.63	.79	2.05	2.52	1.57	1.61	1.81	52.48			
	25	400	1 NPT	20	25	57	69	45	41	46	28,19			FI-GE-25S1N-W3
	.98	5800		.79	.98	2.24	2.72	1.77	1.61	1.81	62.01			
	25	400	1 1/4 NPT	20	26	58	70	46	46	46	47,00			FI-GE-25S1-1/4N-W3
	.98	5800		.79	1.02	2.28	2.76	1.81	1.81	1.81	103.40			
	30	400	3/4 NPT	16	20	54	67	40,5	46	50	31,29			FI-GE-30S3/4N-W3
	1.18	5800		.63	.79	2.13	2.64	1.59	1.81	1.97	68.98			
	30	400	1 NPT	20	25	59	72	45,5	46	50	34,70			FI-GE-30S1N-W3
	1.18	5800		.79	.98	2.32	2.83	1.79	1.81	1.97	76.34			
	30	400	1 1/4 NPT	25	26	60	73	46,5	46	50	36,50			FI-GE-30S1-1/4N-W3
	1.18	5800		.98	1.02	2.36	2.87	1.83	1.81	1.97	80.30			
	30	400	1 1/2 NPT	25	26	60	73	46,5	50	50	36,50			FI-GE-30S1-1/2N-W3
	1.18	5800		.98	1.02	2.36	2.87	1.83	1.97	1.97	80.30			
	38	315	1 NPT	20	25	64	79	48	55	60	53,6			FI-GE-38S1N-W3
	1.50	4568		.79	.98	2.52	3.11	1.89	2.17	2.36	118.17			
	38	315	1 1/4 NPT	25	26	65	80	49	55	60	50,70			FI-GE-38S1-1/4N-W3
	1.50	4568		.98	1.02	2.56	3.15	1.93	2.17	2.36	111.54			
	38	315	1 1/2 NPT	32	26	65	80	49	55	60	50,70			FI-GE-38S1-1/2N-W3
	1.50	4568		1.26	1.02	2.56	3.15	1.93	2.17	2.36	111.54			

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 ANSI/ASME B1.20.1-1983

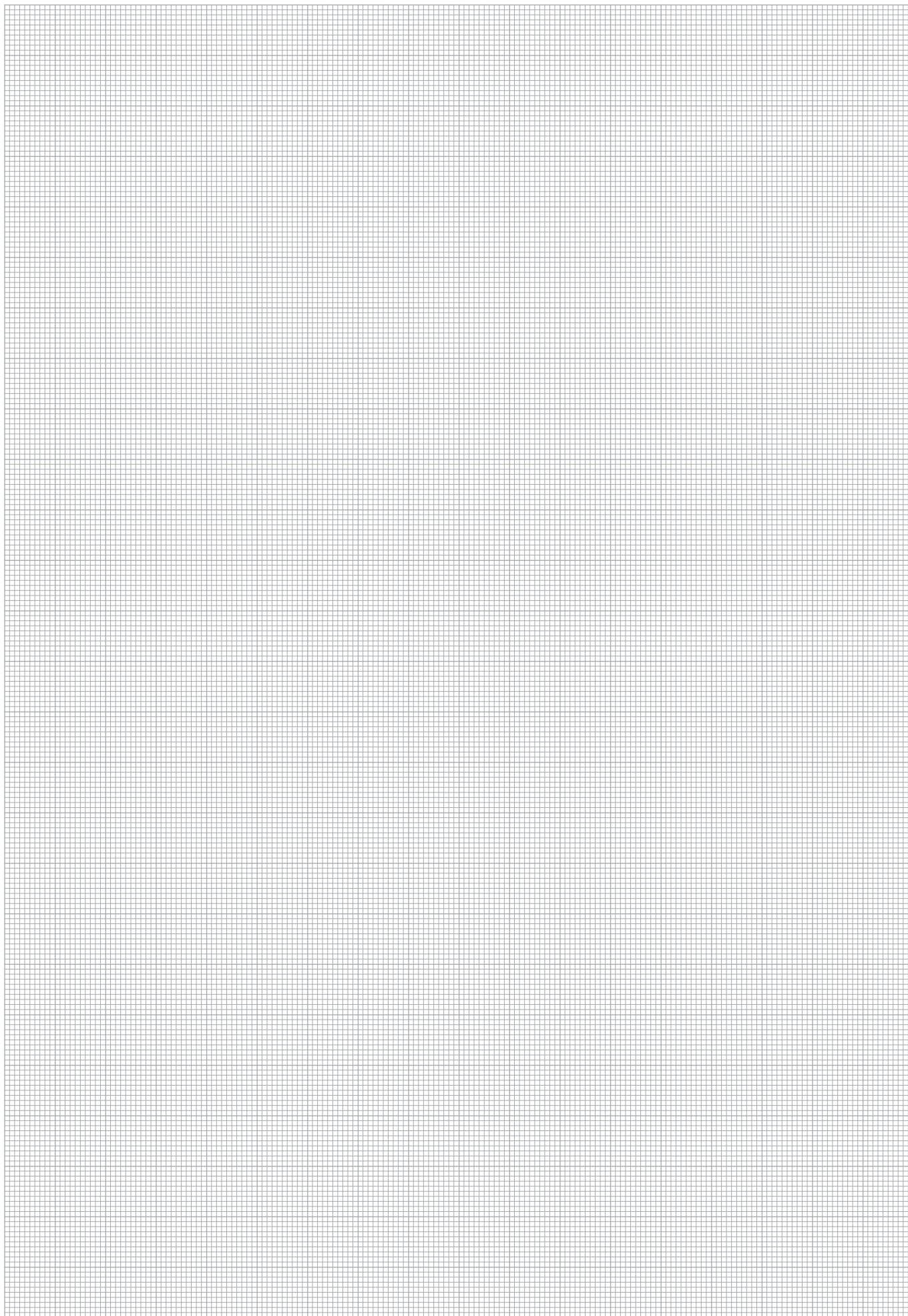
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

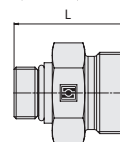
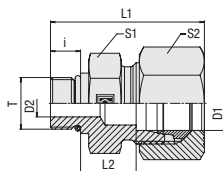
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.





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



UN/UNF Thread

O-Ring

Ordering Codes

***FI-GE*-10*L*3/4*U*-B*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 70/71) L Heavy Series (page 71) S
* Thread Size	acc. to dimension table 3/4
Please always indicate thread sizes, e.g. 3/4!	
* Thread Type	UN/UNF Thread with O-Ring U
* 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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Bau- reihe	Rohr-Ø (mm/in)	PN (bar/PSI)	Abmessungen (mm/in)								Drehm. (N·m/ft·lb)	Gewicht (kg/lbs) ca.	Bestellbezeichnungen ³
	D1		Gewinde T	D2	i	L	L ¹	L2	S1	S2	Gewinde T	per 100	
L	6	400	7/16-20 UNF	4	9	26	34	10	17	14	18	2,08	FI-GE-06L7/16U-B-W3
	.24	5800		.16	.35	1.02	1.34	.39	.67	.55	13.3	4.57	
	6	400	9/16-18 UNF	4	10	27	35	10	19	14	30	2,47	FI-GE-06L9/16U-B-W3
	.24	5800		.16	.39	1.06	1.38	.39	.75	.55	22.1	5.44	
	8	400	7/16-20 UNF	4,5	9	26	34	10	17	17	18	2,18	FI-GE-08L7/16U-B-W3
	.31	5800		.18	.35	1.02	1.34	.39	.67	.67	13.3	4.79	
	8	400	1/2-20 UNF	6	9	26	34	10	17	17	28	2,21	FI-GE-08L1/2U-B-W3
	.31	5800		.24	.35	1.02	1.34	.39	.67	.67	20.6	4.87	
	8	400	9/16-18 UNF	6	10	27	35	10	19	17	30	2,76	FI-GE-08L9/16U-B-W3
	.31	5800		.24	.39	1.06	1.38	.39	.75	.67	22.1	6.06	
	10	400	7/16-20 UNF	4,5	9	27	35	11	17	19	18	2,17	FI-GE-10L7/16U-B-W3
	.39	5800		.18	.35	1.06	1.38	.43	.67	.75	13.3	4.78	
	10	400	9/16-18 UNF	7,5	10	28	36	11	19	19	30	2,70	FI-GE-10L9/16U-B-W3
	.39	5800		.30	.39	1.10	1.42	.43	.75	.75	22.1	5.94	
	10	400	3/4-16 UNF	8	11	31	39	13	24	19	50	5,21	FI-GE-10L3/4U-B-W3
	.39	5800		.31	.43	1.22	1.54	.51	.94	.75	37.0	11.47	
	12	400	7/16-20 UNF	4,5	9	28	35	12	19	22	18	2,77	FI-GE-12L7/16U-B-W3
	.47	5800		.18	.35	1.10	1.38	.47	.75	.87	13.3	6.11	
	12	400	9/16-18 UNF	7,5	10	28	36	11	19	22	30	3,00	FI-GE-12L9/16U-B-W3
	.47	5800		.30	.39	1.10	1.42	.43	.75	.87	22.1	6.61	
	12	400	3/4-16 UNF	10	11	31	39	13	24	22	50	4,89	FI-GE-12L3/4U-B-W3
	.47	5800		.39	.43	1.22	1.54	.51	.94	.87	37.0	10.75	
	12	400	7/8-14 UNF	10	12,7	34	42	14,3	27	22	60	7,48	FI-GE-12L7/8U-B-W3
	.47	5800		.39	.50	1.34	1.65	.56	1.06	.87	44.4	16.46	
	15	400	9/16-18UNF	7,5	10	31	40	14	24	27	30	4,79	FI-GE-15L9/16U-B-W3
	.59	5800		.3	.39	1.22	1.57	.55	.94	1.06	22.1	10.56	
	15	400	3/4-16 UNF	10	11	32	40	14	24	27	50	2,40	FI-GE-15L3/4U-B-W3
	.59	5800		.39	.43	1.26	1.57	.55	.94	1.06	37.0	5.29	
	15	400	7/8-14 UNF	12	12,7	34,7	42,7	15	27	27	60	7,41	FI-GE-15L7/8U-B-W3
	.59	5800		.47	.50	1.37	1.68	.59	1.06	1.06	44.4	16.30	
	15	400	1-1/16-12UNF	15	15	39	47	16,5	32	27	95	11,19	FI-GE-15L1-1/16U-B-W3
	.59	5800		.59	.59	1.54	1.85	.65	1.26	1.06	70.1	24.67	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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.

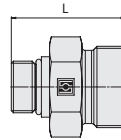
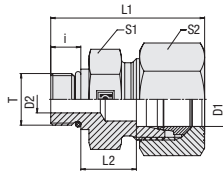
Male stud acc. to ISO 11926-2/-3

Port acc. to ISO 11926-1

Torque recommendations for Steel mating material.



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



C

UN/UNF Thread

O-Ring

Bau- reihe	Rohr-Ø (mm/in)	PN (bar/PSI)	Abmessungen (mm/in)										Drehm. (N·m/N·lb)	Gewicht (kg/lbs) ca.	Bestellbezeichnungen ³
			Gewinde T	D2	i	L	L1 ¹	L2	S1	S2	Gewinde T	per 100			
L	18	400	3/4-16 UNF	10	11	33	42	14,5	27	32	50	6,86			FI-GE-18L3/4U-B-W3
	.71	5800		.39	.43	1.30	1.65	.57	1.06	1.26	37.0	15.09			
	18	400	7/8-14 UNF	12,5	12,7	34,7	43,7	14,5	27	32	60	7,36			FI-GE-18L7/8U-B-W3
	.71	5800		.49	.50	1.37	1.72	.57	1.06	1.26	44.4	16.19			
	18	400	1 1/16-12 UNF	15	15	37	45	14,5	32	32	95	11,04			FI-GE-18L1-1/16U-B-W3
	.71	5800		.59	.59	1.46	1.77	.57	1.26	1.26	70.1	24.34			
	18	250	1 5/16-12 UNF	21,5	15	15,5	47	15,5	41	32	150	16,08			FI-GE-18L1-5/16U-B-W3
	.71	3625		.85	.59	.61	1.85	.61	1.61	1.26	111.0	35.45			
	22	250	7/8-14 UNF	12,5	12,7	37	46	16,8	32	36	60	9,44			FI-GE-22L7/8U-B-W3
	.87	3625		.49	.50	1.46	1.81	.66	1.26	1.42	44.4	20.78			
	22	250	1 1/16-12 UN	18	15	39	48	16,5	32	36	95	10,50			FI-GE-22L1-1/16U-B-W3
	.87	3625		.71	.59	1.54	1.89	.65	1.26	1.42	70.3	23.10			
	22	250	1 5/16-12 UN	19	15	40	49	17,5	41	36	150	18,00			FI-GE-22L1-5/16U-B-W3
	.87	3625		.75	.59	1.57	1.93	.69	1.61	1.42	111.0	39.60			
	28	250	7/8-14 UNF	12,5	12,7	37,7	45,7	17,5	41	41	60	14,09			FI-GE-28L7/8U-B-W3
	1.10	3625		.49	.50	1.48	1.80	.69	1.61	1.61	44.4	31.01			
	28	250	1 1/16-12 UN	15	15	40	49	17,5	41	41	95	15,30			FI-GE-28L1-1/16U-B-W3
	1.10	3625		.59	.59	1.57	1.93	.69	1.61	1.61	70.3	33.66			
	28	250	1 5/16-12 UN	21,5	15	40	49	17,5	41	41	150	17,20			FI-GE-28L1-5/16U-B-W3
	1.10	3625		.85	.59	1.57	1.93	.69	1.61	1.61	111.0	38.84			
	28	250	1 5/8-12 UN	27,5	15	40	51	17,5	50	41	200	24,51			FI-GE-28L1-5/8U-B-W3
	1.10	3625		1.08	.59	1.57	2.01	.69	1.97	1.61	148.0	54.04			
	35	250	1 5/16-12 UN	21,5	15	43	54	17,5	46	50	150	22,80			FI-GE-35L1-5/16U-B-W3
	1.38	3625		.85	.59	1.69	2.13	.69	1.81	1.97	111.0	50.16			
	35	250	1 5/8-12 UN	27,5	15	43	54	17,5	50	50	200	28,00			FI-GE-35L1-5/8U-B-W3
	1.38	3625		1.08	.59	1.69	2.13	.69	1.97	1.97	148.0	61.60			
	35	250	1 7/8-12 UN	30	15	45	57	19,5	55	50	325	31,2			FI-GE-35L1-7/8U-B-W3
	1.38	3625		1.18	.59	1.77	2.24	.77	2.17	1.97	239.7	68.78			
	42	250	1 5/8-12 UN	27,5	15	45	57	19	55	60	200	35,36			FI-GE-42L1-5/8U-B-W3
	1.65	3625		1.08	.59	1.77	2.24	.75	2.17	2.36	148.0	77.79			
	42	250	1 7/8-12 UN	33,5	15	45	57	19	55	60	325	35,5			FI-GE-42L1-7/8U-B-W3
	1.65	3625		1.32	.59	1.77	2.24	.75	2.17	2.36	239.7	78.26			

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 11926-2/-3

Port acc. to ISO 11926-1

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*3/4*U*-B*-W3*-MS		
* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (pages 70/71)	L
	Heavy Series (page 71)	S
* Thread Size	acc. to dimension table	3/4
Please always indicate thread sizes, e.g. 3/4!		
* Thread Type	UN/UNF Thread with O-Ring	U
* 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

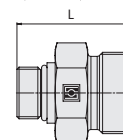
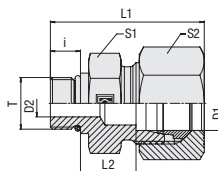
Union Nut
Type **FI-M** Page 33

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories


O-Ring
Type **O-RING** Page 239


Straight Male Stud Fitting Type FI-GE-...-U • Series S



O-Ring

UN/UNF Thread

Ordering Codes

***FI-GE*-10*S*3/4*U*-B*-W3*-MS**

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (pages 70/71) L Heavy Series (page 71) S
* Thread Size	acc. to dimension table 3/4
Please always indicate thread sizes, e.g. 3/4!	
* Thread Type	UN/UNF Thread with O-Ring U
* 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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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/lb·ft) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
S	6	630	7/16-20 UNF	4	9	26	36	10	17	17	20	2,16	FI-GE-06S7/16U-B-W3
	.24	9135		.16	.35	1.02	1.42	.39	.67	.67	14.7	4.76	
	8	630	7/16-20 UNF	4,5	11	29	38	11	17	19	20	2,65	FI-GE-08S7/16U-B-W3
	.31	9135		.18	.43	1.14	1.50	.43	.67	.75	14.7	5.83	
	8	630	9/16-18 UNF	5	12	32	39,5	12,5	19	19	35	3,91	FI-GE-08S9/16U-B-W3
	.31	9135		.2	.47	1.26	1.56	.49	.75	.75	25.8	8.62	
	10	630	9/16-18 UNF	7	12	32	41	12,5	19	22	35	3,73	FI-GE-10S9/16U-B-W3
	.39	9135		.28	.47	1.26	1.61	.49	.75	.87	25.8	8.20	
	10	630	3/4-16 UNF	7	11	33,5	42	15	24	22	70	6,53	FI-GE-10S3/4U-B-W3
	.39	9135		.28	.43	1.32	1.65	.59	.94	.87	51.8	14.40	
	12	630	9/16-18 UNF	7,5	12	36	45	16,5	24	24	35	6,09	FI-GE-12S9/16U-B-W3
	.47	9135		.30	.47	1.42	1.77	.65	.94	.94	25.8	13.40	
	12	630	3/4-16 UNF	8	14	36	45	14,5	24	24	70	6,89	FI-GE-12S3/4U-B-W3
	.47	9135		.31	.55	1.42	1.77	.57	.94	.94	51.8	15.15	
	12	630	3/4-16 UNF	7	16	33,5	42	15	24	22	70	7,56	FI-GE-12S3/4U-B-W3
	.47	9135		.28	.63	1.32	1.65	.59	.94	.87	51.8	16.67	
	16	630	3/4-16 UNF	10	14	36	45	13,5	24	30	70	6,68	FI-GE-16S3/4U-B-W3
	.63	9135		.39	.55	1.42	1.77	.53	.94	1.18	51.8	14.70	
	16	630	7/8-14 UNF	12	16	39,7	49,7	15,2	27	30	100	9,47	FI-GE-16S7/8U-B-W3
	.63	9135		.47	.63	1.56	1.96	.60	1.06	1.18	74.0	20.84	
	16	630	1 1/16-12 UNF	15	18,5	47,5	59	20,5	32	30	170	15,76	FI-GE-16S1-1/16U-B-W3
	.63	9135		.59	.73	1.87	2.32	.81	1.26	1.18	125.8	34.74	
	20	420	3/4-16 UNF	10	14	42	53	17,5	32	36	70	11,83	FI-GE-20S3/4U-B-W3
	.79	6091		.39	.55	1.65	2.09	.69	1.26	1.42	51.8	26.02	
	20	420	7/8-14 UNF	12,5	16	44	55	17,5	32	36	100	15,20	FI-GE-20S7/8U-B-W3
	.79	6091		.49	.63	1.73	2.17	.69	1.26	1.42	74.0	33.44	
	20	420	1 1/16-12 UN	15	18,5	46	57	17	32	36	170	19,70	FI-GE-20S1-1/16U-B-W3
	.79	6091		.59	.73	1.81	2.24	.67	1.26	1.42	125.8	43.34	
	20	420	1 5/16-12 UNF	21,5	18,5	48	58	19	41	36	270	22,65	FI-GE-20S1-5/16U-B-W3
	.79	6091		.85	.73	1.89	2.28	.75	1.61	1.42	199.8	49.93	
	25	420	1 1/16-12 UN	15	18,5	50	62	19,5	36	46	170	24,20	FI-GE-25S1-1/16U-B-W3
	.98	6091		.59	.73	1.97	2.44	.77	1.42	1.81	125.8	53.24	
	25	420	1 5/16-12 UN	20	18,5	50	62	19,5	41	46	270	28,90	FI-GE-25S1-5/16U-B-W3
	.98	6091		.79	.73	1.97	2.44	.77	1.61	1.81	199.8	63.58	
	30	420	1 1/16-12 UN	15	18,5	52	66	20	50	50	170	30,45	FI-GE-30S1-1/16U-B-W3
	1.18	6091		.59	.73	2.05	2.60	.79	1.97	1.97	125.8	67.13	
	30	420	1 5/16-12 UN	21,5	18,5	52	65	20	46	50	270	30,70	FI-GE-30S1-5/16U-B-W3
	1.18	6091		.85	.73	2.05	2.56	.79	1.81	1.97	199.8	67.54	
	30	420	1 5/8-12 UN	25	18,5	52	65	20	50	50	285	38,10	FI-GE-30S1-5/8U-B-W3
	1.18	6091		.98	.73	2.05	2.56	.79	1.97	1.97	210.9	83.82	
	38	315	1 5/8-12 UN	27,5	18,5	57	72	22,5	55	60	285	47,6	FI-GE-38S1-5/8U-B-W3
	1.50	4568		1.08	.73	2.24	2.83	.89	2.17	2.36	210.9	104.72	
	38	315	1 7/8-12 UN	32	18,5	57	72	22,5	55	60	415	50,70	FI-GE-38S1-7/8U-B-W3
	1.50	4568		1.26	.73	2.24	2.83	.89	2.17	2.36	306.1	111.54	

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 11926-2/-3

Port acc. to ISO 11926-1

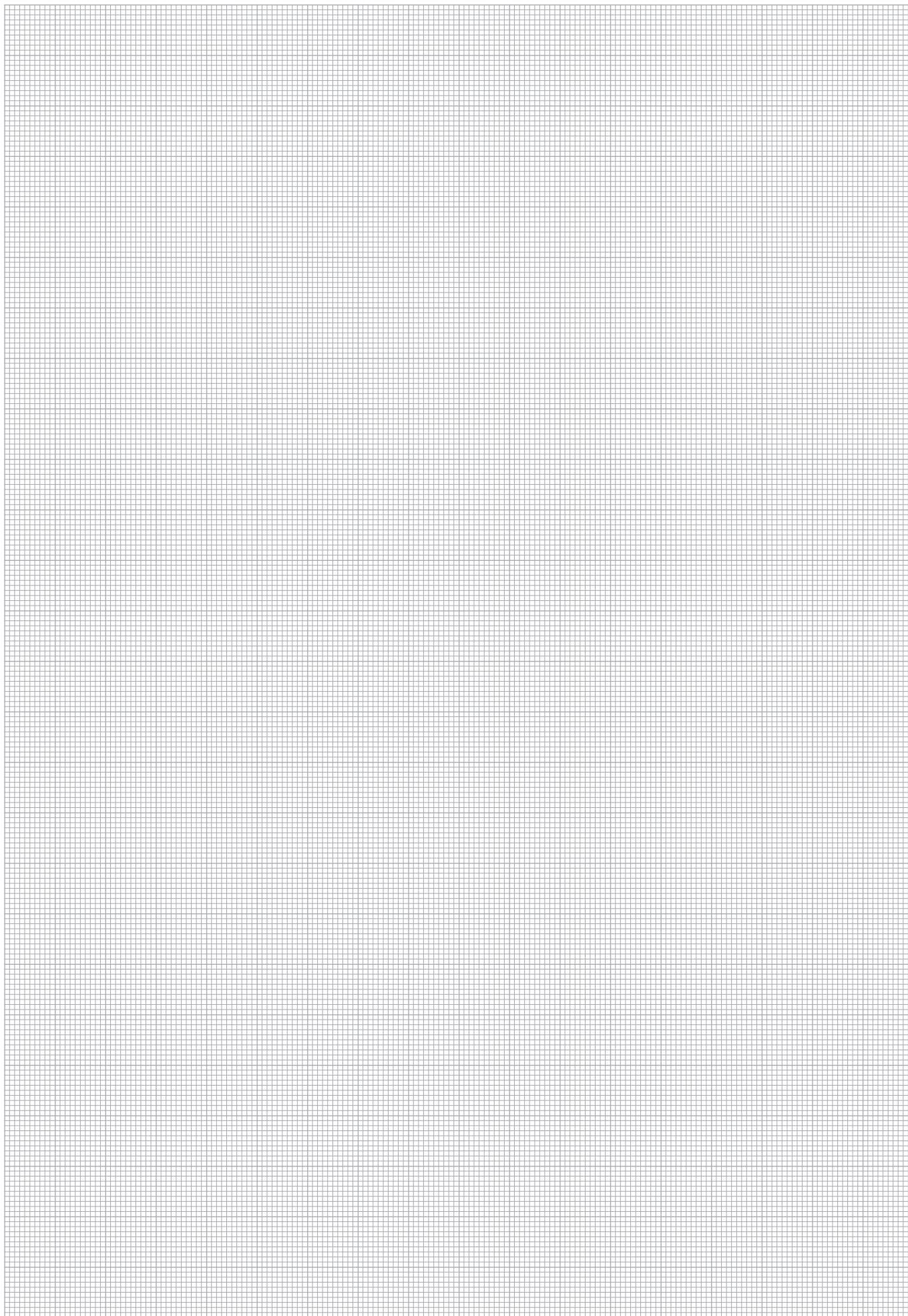
Torque recommendations for Steel mating material.

Standard seal material is NBR (Buna-N®).

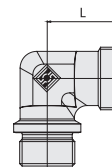
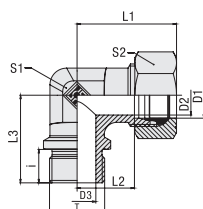
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.





Male Stud Elbow Type FI-WE-...-R • Series L / S



Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

FI-WE-25*S*R*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-25
* Series	Light Series L Heavy Series S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R3/4!	
* 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

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Thread	T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Torque (N·m/ft·lb)	Weight (kg/lbs) ca. per 100	Ordering Codes ³
L	22	160	G 3/4	19	18	16	35	44	27,5	42	27	36	180	1,78			FI-WE-22LR-W3
	.87	2320		.75	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	133,2	3.92			
	28	160	G 1	24	23	18	38	47	30,5	48	36	41	330	3,12			FI-WE-28LR-W3
	1.10	2320		.94	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61	244,2	6.86			
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	4,67			FI-WE-35LR-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	399,6	10.27			
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	6,90			FI-WE-42LR-W3
	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466,2	15.18			
S	20	420	G 3/4	16	16	16	37	48	26,5	42	27	36	270	2,15			FI-WE-20SR-W3
	.79	6090		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199,8	4.73			
	25	420	G 3/4	20	18	16	42	54	30	48	36	46	270	3,77			FI-WE-25SR3/4-W3
	.98	6090		.79	.71	.63	1.65	2.13	1.18	1.89	1.42	1.81	199,8	8.29			
	25	420	G 1	20	20	18	42	54	30	48	36	46	340	4,06			FI-WE-25SR-W3
	.98	6090		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	251,6	8.93			
	30	250	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	6,28			FI-WE-30SR-W3
	1.18	3625		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399,6	13.82			
	38	250	G 1 1/2	32	32	22	57	72	41	61	50	60	700	9,15			FI-WE-38SR-W3
	1.50	3625		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518,0	20.13			

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.

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

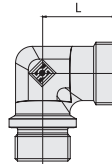
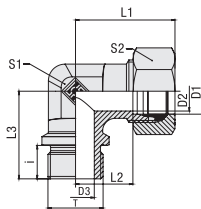


Union Nut
Type FI-M Page 33



37° Flared Tube Fitting Set
Type FI-AB Page 37





Male Stud Elbow Type FI-WE-...-M • Series L / S



C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)	Torque (Nm/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes ³
L	22	250	M 26 x 1.5	19	1.73	FI-WE-22LM-W3
	.87	3625	1.5	.75 .71 .63 1.38 1.73 1.08 1.65 1.06 1.42	140,6	3,81
	28	250	M 33 x 2	24	3,04	FI-WE-28LM-W3
	1.10	3625	2	.94 .91 .71 1.50 1.85 1.20 1.89 1.42 1.61	251,6	6,69
	35	250	M 42 x 2	30	4,70	FI-WE-35LM-W3
	1.38	3625	2	1.18 1.18 .79 1.77 2.20 1.36 2.13 1.61 1.97	370,0	10,35
	42	250	M 48 x 2	36	6,96	FI-WE-42LM-W3
	1.65	3625	2	1.42 1.42 .87 2.01 2.48 1.57 2.40 1.97 2.36	466,2	15,31
	20	420	M 27 x 2	16	2,14	FI-WE-20SM-W3
	.79	6090	2	.63 .63 .63 1.46 1.89 1.04 1.65 1.06 1.42	199,8	4,71
S	25	250	M 33 x 2	20	4,46	FI-WE-25SM-W3
	.98	3625	2	.79 .79 .71 1.65 2.13 1.18 1.89 1.42 1.81	303,4	9,81
	30	250	M 42 x 2	25	6,33	FI-WE-30SM-W3
	1.18	3625	2	.98 .98 .79 1.93 2.44 1.40 2.13 1.61 1.97	399,6	13,93
	38	250	M 48 x 2	32	9,24	FI-WE-38SM-W3
	1.50	3625	2	1.26 1.26 .87 2.24 2.83 1.61 2.40 1.97 2.36	518,0	20,33

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.

Ordering Codes

FI-WE-25*S*M*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-25
* Series	Light Series L Heavy Series S
* Thread Type	Metric Parallel Thread M
If required, please indicate special sizes, e.g. M27x2!	
* 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

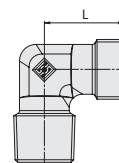
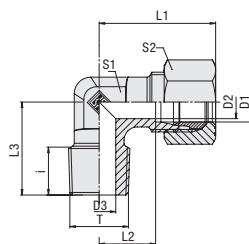
Connecting Parts

	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



Male Stud Elbow

Type FI-WE-...-Rk ■ Series LL / L



C



...-PR

Ordering Codes

FI-WE-10*L*Rk*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 76) LL Light Series (page 76) L Heavy Series (page 77) S
* Thread Type	Whitworth Taper Pipe Thread (BSPT) Rk
If required, please indicate special sizes, e.g. R3/8k!	
* Material Code	Steel, zinc/nickel-plated -W3
Please contact STAUFF for alternative materials and surface finishings.	
* Design	Made from forging blanks — Made from profile material PR
* 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

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.

Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)												Weight (kg/lbs) ca. per 100	Ordering Codes ³
			D1	Thread	T	D2	D3	i	L	L ¹	L2	L3	S1	S2		
LL	4	100	R 1/8 keg.	3	3	8	15	21	11	17	11	10	1,46	FI-WE-04LLRk-W3-PR		
	.16	1450		.12	.12	.31	.59	.83	.43	.67	.43	.39	3.12			
	6	100		R 1/8 keg.	4,5	4,5	8	15	21	9,5	17	11	12		1,73	FI-WE-06LLRk-W3-PR
	.24	1450	.18		.18	.31	.59	.83	.37	.67	.43	.47	3.81			
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,63	FI-WE-08LLRk-W3-PR		
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	5.79			
	10	100	R 1/4 keg.	8	7	12	21,5	27,5	16	26	14	14	9,10	FI-WE-10LLRk-W3		
	.39	1450		.31	.28	.47	.85	1.08	.63	1.02	.55	.55	20.02			
	12	100	R 1/4 keg.	10	7	9,9	22	28	16	23	14	17	11,40	FI-WE-12LLRk-W3		
	.47	1450		.39	.28	.39	.87	1.10	.63	.91	.55	.67	25.08			
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	1,96	FI-WE-06LRk-W3		
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	4.32			
	6	315	R 1/4 keg.	4	6	12	21	29	14	25,5	12	14	2,93	FI-WE-06LR1/4k-W3		
	.24	4568		.16	.24	.47	.83	1.14	.55	1.00	.47	.55	6.44			
	6	315	R 3/8 keg.	4	9	12	24	31	17	28	14	14	4,42	FI-WE-06LR3/8k-W3		
	.24	4568		.16	.35	.47	.94	1.22	.67	1.1	.55	.55	9.74			
	8	315	R 1/8 keg.	6	4	8	21	29	14	26	12	17	2,64	FI-WE-08LR1/8k-W3		
	.31	4568		.24	.16	.31	.83	1.14	.55	1.02	.47	.67	5.80			
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	2,93	FI-WE-08LRk-W3		
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	6.45			
	8	315	R 3/8 keg.	6	9	14	24	32	17	28	14	17	4,34	FI-WE-08LR3/8k-W3		
	.31	4568		.24	.35	.55	.94	1.26	.67	1.10	.55	.67	9.54			
	10	315	R 1/8 keg.	8	6	7,3	22,5	29	15,5	20	14	19	2,96	FI-WE-10LR1/8k-W3		
	.39	4568		.31	.24	.29	.89	1.14	.61	.79	.55	.75	6.53			
	10	315	R 1/4 keg.	8	7	13	22	30	15	27	14	19	3,53	FI-WE-10LRk-W3		
	.39	4568		.31	.28	.51	.87	1.18	.59	1.06	.55	.75	7.76			
	10	315	R 3/8 keg.	8	8	12,5	22	30	15	28	14	19	4,29	FI-WE-10LR3/8k-W3		
	.39	4568		.31	.31	.49	.87	1.18	.59	1.10	.55	.75	9.43			
	10	315	R 1/2 keg.	8	11	14	28	35	21	34	19	19	9,56	FI-WE-10LR1/2k-W3		
	.39	4568		.31	.43	.55	1.1	1.38	.83	1.34	.75	.75	21.08			
	12	315	R 1/4 keg.	10	7	14,3	24	32	17	27	17	22	4,57	FI-WE-12LR1/4k-W3		
	.47	4568		.39	.28	.56	.94	1.26	.67	1.06	.67	.87	10.06			
	12	315	R 3/8 keg.	10	9	13	24	32	17	28,5	17	22	5,33	FI-WE-12LRk-W3		
	.47	4568		.39	.35	.51	.94	1.26	.67	1.12	.67	.87	11.72			
	12	315	R 1/2 keg.	10	10	14	28	36	21	34	19	22	9,94	FI-WE-12LR1/2k-W3		
	.47	4568		.39	.39	.55	1.10	1.42	.83	1.34	.75	.87	21.87			
	15	315	R 3/8 keg.	12	9	14	28	36	21	34	19	27	8,79	FI-WE-15LR3/8k-W3		
	.59	4568		.47	.35	.55	1.10	1.42	.83	1.34	.75	1.06	19.33			
	15	315	R 1/2 keg.	12	12	16	28	36	21	34	19	27	9,12	FI-WE-15LRk-W3		
	.59	4568		.47	.47	.63	1.10	1.42	.83	1.34	.75	1.06	20.06			
	15	315	R 3/4 keg.	12	12	17	33	40	26	36	24	27	4,05	FI-WE-15LR3/4k-W3		
	.59	4568		.47	.47	.67	1.3	1.57	1.02	1.42	.94	1.06	8.93			
	18	315	R 1/2 keg.	15	14	17,5	31	40	23,5	36	24	32	11,63	FI-WE-18LRk-W3		
	.71	4568		.59	.55	.69	1.22	1.57	.93	1.42	.94	1.26	25.58			
	18	315	R 3/4 keg.	15	16	16	31	41,5	23,5	36	27	32	13,2	FI-WE-18LR3/4k-W3		
	.71	4568		.59	.63	.63	1.22	1.63	.93	1.42	1.06	1.26	29.10			
	22	160	R 3/4 keg.	19	18	17	35	44	28,5	42,5	27	36	16,80	FI-WE-22LRk-W3		
	.87	2320		.75	.71	.67	1.38	1.73	1.12	1.67	1.06	1.42	36.96			
	28	160	R 1 keg.	24	23	20	38	47	30,5	48	36	41	30,7	FI-WE-28LRk-W3		
	1.1	2320		.94	.91	.79	1.5	1.85	1.20	1.89	1.42	1.61	67.68			
	35	160	R 1 1/4 keg.	30	30	20	48	59	37,5	51	41	50	46,7	FI-WE-35LRk-W3		
	1.38	2320		1.18	1.18	.79	1.89	2.32	1.48	2.01	1.61	1.97	102.96			
42	160	R 1 1/2 keg.	36	36	20	54	59	43	61	50	60	72,3	FI-WE-42LRk-W3			
1.65	2320		1.42	1.42	.79	2.13	2.32	1.69	2.4	1.97	2.36	159.39				

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

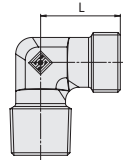
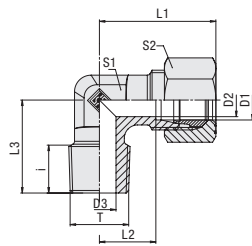
³ Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-2 (Form C)

Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.





Male Stud Elbow Type FI-WE-...-Rk ■ Series S



C

Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD	PN	Dimensions											Weight	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)										(kg/lbs) ca.		
	D1		Thread	T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	per 100	
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,73		FI-WE-06SRk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	12.60		
	8	400		R 1/4 keg.	5	5	13	24	32	17	27	14	19	4,70	
	.31	5800	.20		.20	.51	.94	1.26	.67	1.06	.55	.75	10.34		
	10	400	R 1/4 keg.		7	5	13	25	34	17,5	28	17	22	5,94	
	.39	5800		.28	.20	.51	.98	1.34	.69	1.10	.67	.87	13.06		
	10	400		R 3/8 keg.	7	7	13	25	34	17,5	28	17	22	6,71	
	.39	5800	.28		.28	.51	.98	1.34	.69	1.10	.67	.87	14.77		
	10	400	R 1/2 keg.		7	7	13	30	38	22,5	32	19	22	11,67	
	.39	5800		.28	.28	.51	1.18	1.50	.89	1.26	.75	.87	25.73		
	12	400		R 3/8 keg.	8	7	12	29	38	21,5	28	17	24	7,78	
	.47	5800	.31		.28	.47	1.14	1.50	.85	1.10	.67	.94	17.12		
	12	400	R 1/2 keg.		8	10	14	30	39	22,5	32	19	24	4,67	
	.47	5800		.31	.39	.55	1.18	1.54	.89	1.26	.75	.94	10.27		
	14	400		R 3/8 keg.	10	8	14	30	40	22	32	19	27	9,62	
	.55	5800	.39		.31	.55	1.18	1.57	.87	1.26	.75	1.06	14.59		
	14	400	R 1/2 keg.		10	10	14	30	40	22	32	19	27	10,53	
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	23.17		
	16	400		R 1/2 keg.	12	12	14	34	44	25,5	32	24	30	13,60	
	.63	5800	.47		.47	.55	1.34	1.73	1.00	1.26	17,8	66,0	29.92		
	16	400	R 3/4 keg.		12	12	14	34	44	25,5	32	24	30	22,00	
	.63	5800		.47	.47	.55	1.34	1.73	1.00	1.26	.94	1.18	48.40		
	20	400		R 1/2 keg.	16	10	14	37	48	26,5	42	27	36	21,00	
	.79	5800	.63		.39	.55	1.46	1.89	1.04	1.65	1.06	1.42	46.20		
	20	250	R 3/4 keg.		16	16	17	39	48	26,5	42	27	36	21,19	
	.79	3625		.63	.63	.67	1.54	1.89	1.04	1.65	1.06	1.42	46.72		
	25	250		R 3/4 keg.	20	16	17	42	53	30	48	36	46	37,27	
	.98	3625	.79		.63	.67	1.65	2.09	1.18	1.89	1.42	1.81	82.17		
	25	250	R 1 keg.		20	20	20	42	53	30	48	36	46	39,3	
	.98	3625		.79	.79	.79	1.65	2.09	1.18	1.89	1.42	1.81	86.64		
	30	250		R 1 1/4 keg.	25	25	20	52	62	35,5	54	41	50	62,61	
	1.18	3625	.98		.98	.79	2.05	2.44	1.4	2.13	1.61	1.97	138.03		
	38	250	R 1 1/2 keg.		32	32	20	52	71	41	61	50	60	93,8	
	1.50	3625		1.26	1.26	.79	2.05	2.80	1.61	2.40	1.97	2.36	206.80		

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 C)

Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Ordering Codes

FI-WE-10*S*RK*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 76) LL Light Series (page 76) L Heavy Series (page 77) S
* Thread Type	Whitworth Taper Pipe Thread (BSPT) Rk
If required, please indicate special sizes, e.g. R3/8k!	
* 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

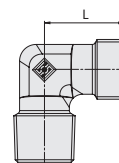
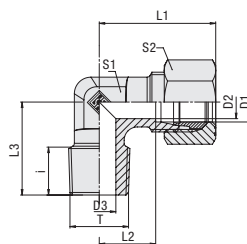
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.



Male Stud Elbow

Type FI-WE-...-Mk ■ Series LL / L / S



Metric Taper Thread

Ordering Codes

FI-WE-10*L*Mk*-W3*-MS

* Male Stud Elbow

FI-WE

* Outside Tube Diameter D1 (in mm)

-10

* Series

Extra-Light Series

LL

Light Series

L

Heavy Series

S

* Thread Type

Metric Taper Thread

Mk

If required, please indicate special sizes, e.g. M12x1.5k!

* Material Code

Steel, zinc/nickel-plated

-W3

Please contact STAUFF for alternative materials and surface finishings.

* Design

Made from forging blanks

—

Made from profile material

PR

* 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

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca.	Ordering Codes ³
	D1		Thread T	D2 D3 i L L1 ¹ L2 L3 S1 S2 per 100	
LL	4	100	M 6 x 1 keg.	3 2 8,5 15 20 11 17 9 10 1,34	FI-WE-04LLM6x1k-W3-PR
	.16	1450		.12 .08 .33 .59 .79 .43 .67 .35 .39 2.95	
	4	100	M 8 x 1 keg.	3 3,5 8 15 21 11 17 9 10 1,46	FI-WE-04LLM8x1k-W3-PR
	.16	1450		.12 .14 .31 .59 .83 .43 .67 .35 .39 3.12	
	6	100	M 6 x 1 keg.	4,5 2 8 15 21 9,5 15 11 12 1,44	FI-WE-06LLM6x1k-W3-PR
	.24	1450		.18 .08 .31 .59 .83 .37 .59 .43 .47 3.17	
	6	100	M 8 x 1 keg.	4,5 3,5 8,5 15 21 9,5 17 11 12 1,64	FI-WE-06LLM8x1k-W3-PR
	.24	1450		.18 .14 .33 .59 .83 .37 .67 .43 .47 3.62	
	6	100	M 10 x 1 keg.	4,5 4,5 8 15 21 9,5 17 11 12 1,74	FI-WE-06LLM10x1k-W3-PR
	.24	1450		.18 .18 .31 .59 .83 .37 .67 .43 .47 3.83	
	8	100	M 10 x 1 keg.	6 6 8 17 23 11,5 20 12 14 2,82	FI-WE-08LLM10x1k-W3-PR
	.31	1450		.24 .24 .31 .67 .91 .45 .79 .47 .55 6.20	
L	6	315	M 10 x 1 keg.	4 4 8 19 27 12 20 12 14 2,16	FI-WE-06LMk-W3
	.24	4568		.16 .16 .31 .75 1.06 .47 .79 .47 .55 4.75	
	8	315	M 12 x 1,5 keg.	6 6 12 21 29 14 26 12 17 2,67	FI-WE-08LMk-W3
	.31	4568		.24 .24 .47 .83 1.14 .55 1.02 .47 .67 5.88	
	10	315	M 14 x 1,5 keg.	8 7 11,5 22 30 15 27 14 19 4,19	FI-WE-10LMk-W3
	.39	4568		.31 .28 .45 .87 1.18 .59 1.06 .55 .75 9.23	
	12	315	M 16 x 1,5 keg.	10 9 11,5 24 32 17 28 17 22 5,05	FI-WE-12LMk-W3
	.47	4568		.39 .35 .45 .94 1.26 .67 1.10 .67 .87 11.10	
	12	315	M 18 x 1,5 keg.	10 10 11,5 29 36 22 28 17 22 5,79	FI-WE-12LM18x1.5k-W3
	.47	4568		.39 .39 .45 1.14 1.42 .87 1.10 .67 .87 12.76	
	15	315	M 18 x 1,5 keg.	12 11 12 28 36 21 32 19 27 8,82	FI-WE-15LMk-W3
	.59	4568		.47 .43 .47 1.10 1.42 .83 1.26 .75 1.06 19.41	
	18	315	M 22 x 1,5 keg.	15 14 14 31 40 23,5 36 24 32 12,56	FI-WE-18LMk-W3
	.71	4568		.59 .55 .55 1.22 1.57 .93 1.42 .94 1.26 27.64	
S	6	400	M 12 x 1,5 keg.	4 4 12 23 31 16 26 12 17 3,44	FI-WE-06SMk-W3
	.24	5800		.16 .16 .47 .91 1.22 .63 1.02 .47 .67 7.56	
	8	400	M 14 x 1,5 keg.	5 5 11,5 24 32 17 27 14 19 5,33	FI-WE-08SMk-W3
	.31	5800		.20 .20 .45 .94 1.26 .67 1.06 .55 .75 11.73	
	10	400	M 16 x 1,5 keg.	7 7 11,5 25 34 17,5 28 17 22 6,35	FI-WE-10SMk-W3
	.39	5800		.28 .28 .45 .98 1.34 .69 1.10 .67 .87 13.97	
	12	400	M 18 x 1,5 keg.	8 8 12 29 38 21,5 28 17 24 8,19	FI-WE-12SMk-W3
	.47	5800		.31 .31 .47 1.14 1.50 .85 1.10 .67 .94 18.02	
	14	400	M 20 x 1,5 keg.	10 10 14 30 40 22 32 19 27 11,45	FI-WE-14SMk-W3
	.55	5800		.39 .39 .55 1.18 1.57 .87 1.26 .75 1.06 25.19	
	16	400	M 22 x 1,5 keg.	12 12 14 33 43 24,5 32 24 30 9,62	FI-WE-16SMk-W3
	.63	5800		.47 .47 .55 1.30 1.69 .96 1.26 .94 1.18 21.17	

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 C)

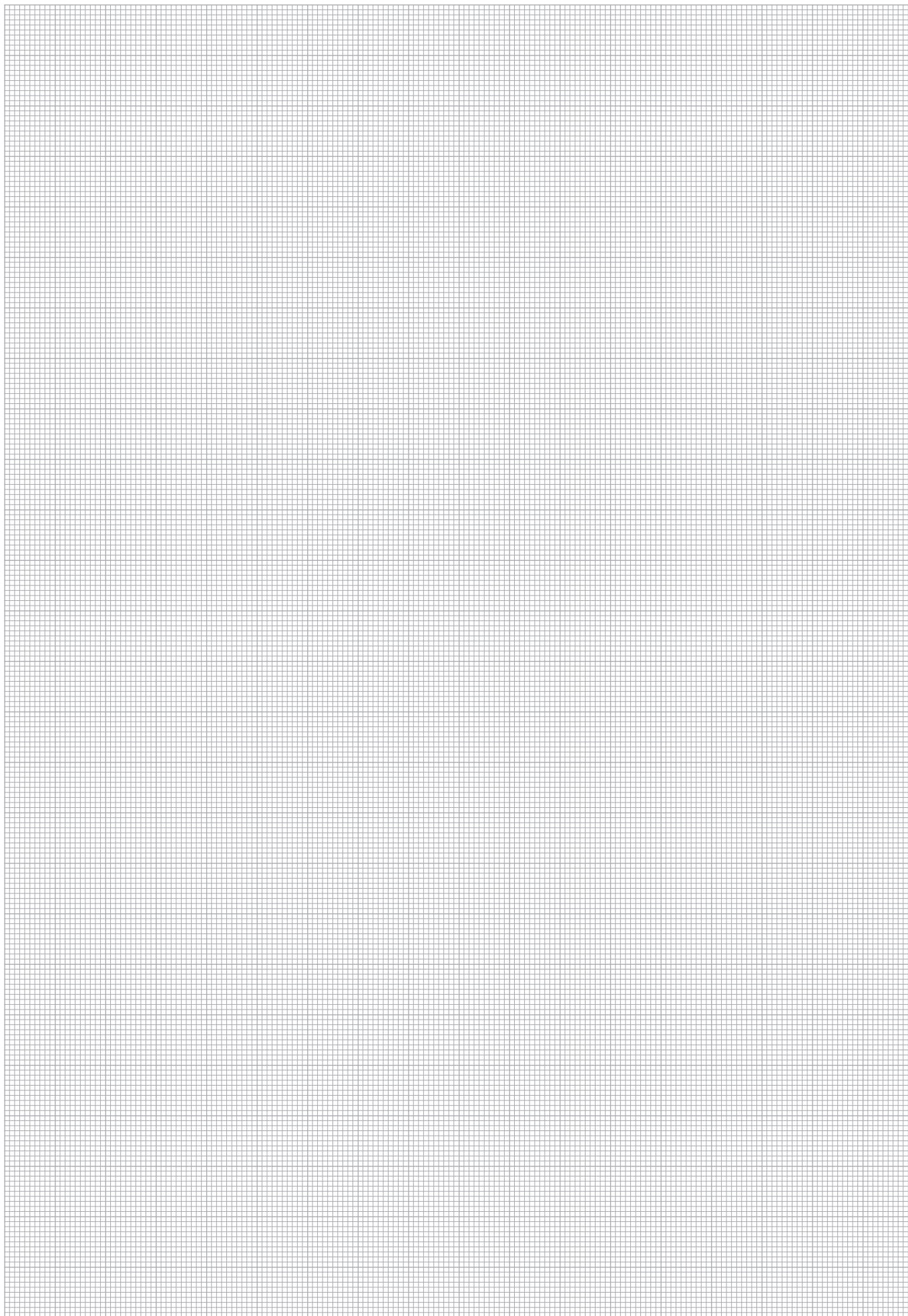
Port acc. to DIN 3852-1 (Form Z)

Suitable liquid / plastic sealant required.

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.

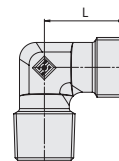
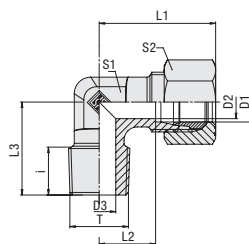
Please contact STAUFF prior to the assembly for further information.





Male Stud Elbow

Type FI-WE-...-N • Series LL / L



C



...-PR

Ordering Codes

FI-WE-10*L*1/4*N*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 80) LL Light Series (page 80) L Heavy Series (page 81) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* Material Code	Steel, zinc/nickel-plated -W3
Please contact STAUFF for alternative materials and surface finishings.	
* Design	Made from forging blanks — Made from profile material PR
* 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

NPT Thread

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1		Thread T D2 D3 i L L1 ¹ L2 L3 S1 S2		
LL	4	100	1/8 NPT 3 4 8 15 21 11 15,6 11 10	1,81	FI-WE-04LL1/8N-W3-PR
	.16	1450	.12 .16 .31 .59 .83 .43 .61 .43 .39	3,98	
	6	100	1/8 NPT 4,5 4,5 8 15 21 9,5 17 11 12	1,57	FI-WE-06LL1/8N-W3-PR
	.24	1450	.18 .18 .31 .59 .83 .37 .67 .43 .47	3,45	
L	8	100	1/8 NPT 6 6 10 17 23 11,5 20 12 14	2,64	FI-WE-08LL1/8N-W3-PR
	.31	1450	.24 .24 .39 .67 .91 .45 .79 .47 .55	5,80	
	6	315	1/8 NPT 4 5 8 19 27 11,5 20 12 14	1,91	FI-WE-06L1/8N-W3
	.24	4568	.16 .20 .31 .75 1.06 .45 .79 .47 .55	4,20	
	6	315	1/4 NPT 4 7 10 21 29 14 26 14 14	2,80	FI-WE-06L1/4N-W3
	.24	4568	.16 .28 .39 .83 1.14 .55 1.02 .55 .55	6,15	
	6	315	3/8 NPT 4 8 10,5 25 33 18 28 17 14	5,63	FI-WE-06L3/8N-W3
	.24	4568	.16 .31 .41 .98 1.30 .71 1.10 .67 .55	12,38	
	8	315	1/8 NPT 6 4 7 21 29 14 26 12 17	2,36	FI-WE-08L1/8N-W3
	.31	4568	.24 .16 .28 .83 1.14 .55 1.02 .47 .67	5,20	
	8	315	1/4 NPT 6 6 11,4 21 29 14 26 12 17	2,92	FI-WE-08L1/4N-W3
	.31	4568	.24 .24 .45 .83 1.14 .55 1.02 .47 .67	6,42	
	10	315	1/4 NPT 8 7 11,4 22 30 15 27 14 19	3,56	FI-WE-10L1/4N-W3
	.39	4568	.31 .28 .45 .87 1.18 .59 1.06 .55 .75	7,82	
	10	315	3/8 NPT 8 8 10,5 24 32 17 28 17 19	5,67	FI-WE-10L3/8N-W3
	.39	4568	.31 .31 .41 .94 1.26 .67 1.10 .67 .75	12,47	
	12	315	1/4 NPT 10 7 11,4 24 32 17 28 17 22	4,81	FI-WE-12L1/4N-W3
	.47	4568	.39 .28 .45 .94 1.26 .67 1.10 .67 .87	10,58	
	12	315	3/8 NPT 10 8 10,5 24 32 17 28 17 22	4,87	FI-WE-12L3/8N-W3
	.47	4568	.39 .31 .41 .94 1.26 .67 1.10 .67 .87	10,71	
	12	315	1/2 NPT 10 11 14 28 36 21 34 19 22	7,99	FI-WE-12L1/2N-W3
	.47	4568	.39 .43 .55 1.10 1.42 .83 1.34 .75 .87	17,57	
	15	315	1/2 NPT 12 14 14 28 39 21 34 19 27	8,05	FI-WE-15L1/2N-W3
	.59	4568	.47 .55 .55 1.10 1.54 .83 1.34 .75 1.06	17,70	
	18	315	1/2 NPT 15 12 14 31 40 23,5 36 24 32	12,79	FI-WE-18L1/2N-W3
	.71	4568	.59 .47 .55 1.22 1.57 .93 1.42 .94 1.26	28,14	
	22	160	3/4 NPT 19 16 14 35 44 27,5 42 27 36	17,07	FI-WE-22L3/4N-W3
	.87	2320	.75 .63 .55 1.38 1.73 1.08 1.65 1.06 1.42	37,56	
	28	160	1 NPT 24 21 17,5 38 47 30,5 48 36 41	32,40	FI-WE-28L1N-W3
	1.10	2320	.94 .83 .69 1.50 1.85 1.20 1.89 1.42 1.61	71,28	
	35	160	1 1/4 NPT 30 28 18 48 59 34,5 54 41 50	51,70	FI-WE-35L1-1/4N-W3
	1.38	2320	1.18 1.10 .71 1.89 2.32 1.36 2.13 1.61 1.97	113,74	
	42	160	1 1/2 NPT 36 34 18,5 54 66 43 61 50 60	74,60	FI-WE-42L1-1/2N-W3
	1.65	2320	1.42 1.34 .73 2.13 2.60 1.69 2.40 1.97 2.36	164,12	

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 ANSI/ASME B1.20.1-1983

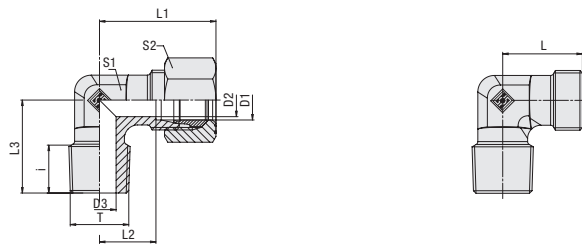
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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 Elbow Type FI-WE-...-N • Series S



C

NPT Thread

Series	Tube OD	PN	Dimensions												Weight	Ordering Codes ³
	(^{mm} / _{in})	(^{bar} / _{psi})	(^{mm} / _{in})												(^{kg} / _{lbs}) ca.	
	D1		Thread	T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2		per 100	
S	6	630													3,19	
	.24	9135	1/4 NPT		.16	.16	.39	.91	1.22	.63	1.02	.47	.67	7.02		FI-WE-06S1/4N-W3
	8	630	1/4 NPT		5	5	10	24	32	17	27	14	19	4,41		FI-WE-08S1/4N-W3
	.31	9135			.20	.20	.39	.94	1.26	.67	1.06	.55	.75	9.69		
	8	630	3/8 NPT		5	8	10,5	25	33	18	28	17	19	7,80		FI-WE-08S3/8N-W3
	.31	9135			.20	.31	.41	.98	1.30	.71	1.10	.67	.75	17.16		
	8	630	1/2 NPT		5	10	14	30	38	23	34	19	19	8,30		FI-WE-08S1/2N-W3
	.31	9135			.20	.39	.55	1.18	1.50	.91	1.34	.75	.75	18.26		
	10	630	1/4 NPT		7	5	10	25	34	17,5	28	17	22	6,17		FI-WE-10S1/4N-W3
	.39	9135			.28	.20	.39	.98	1.34	.69	1.10	.67	.87	13.57		
	10	630	3/8 NPT		7	7	10,5	25	34	17,5	28	17	22	6,64		FI-WE-10S3/8N-W3
	.39	9135			.28	.28	.41	.98	1.34	.69	1.10	.67	.87	14.62		
	12	630	1/4 NPT		8	5	11,4	29	38	21,5	29	17	24	7,87		FI-WE-12S1/4N-W3
	.47	9135			.31	.20	.45	1.14	1.50	.85	1.14	.67	.94	17.31		
	12	630	3/8 NPT		8	8	10,5	29	38	21,5	28	17	24	7,76		FI-WE-12S3/8N-W3
	.47	9135			.31	.31	.41	1.14	1.50	.85	1.10	.67	.94	17.07		
	12	630	1/2 NPT		8	10	14	30	39	22,5	34	19	24	11,23		FI-WE-12S1/2N-W3
	.47	9135			.31	.39	.55	1.18	1.54	.89	1.34	.75	.94	24.70		
	14	630	1/2 NPT		10	10	14	30	40	22	34	19	27	8,88		FI-WE-14S1/2N-W3
	.55	9135			.39	.39	.55	1.18	1.57	.87	1.34	.75	1.06	19.53		
	16	630	1/2 NPT		12	12	14	33	43	24,5	36	24	30	14,05		FI-WE-16S1/2N-W3
	.63	9135			.47	.47	.55	1.30	1.69	.96	1.42	.94	1.18	30.90		
	20	400	3/4 NPT		16	16	14	37	48	26,5	42	27	36	19,28		FI-WE-20S3/4N-W3
	.79	5800			.63	.63	.55	1.46	1.89	1.04	1.65	1.06	1.42	42.42		
	25	400	1 NPT		20	20	17,5	42	54	30	48	36	46	33,76		FI-WE-25S1N-W3
	.98	5800			.79	.79	.69	1.65	2.13	1.18	1.89	1.42	1.81	74.26		
	30	400	1 1/4 NPT		25	25	18	49	62	35,5	54	41	50	60,30		FI-WE-30S1-1/4N-W3
	1.18	5800			.98	.98	.71	1.93	2.44	1.40	2.13	1.61	1.97	132.66		
	38	315	1 1/2 NPT		32	32	18,5	58	73	40	61	50	60	91,80		FI-WE-38S1-1/2N-W3
	1.50	4568			1.26	1.26	.73	2.28	2.87	1.57	2.40	1.97	2.36	201.96		

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 ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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-WE-10*S*1/4*N*-W3*-MS

* Male Stud Elbow	FI-WE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 80) LL Light Series (page 80) L Heavy Series (page 81) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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

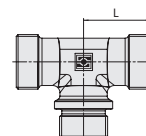
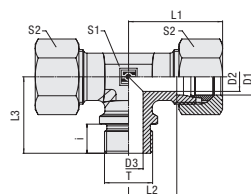
Connecting Parts

	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



Male Stud Branch Tee

Type FI-TE-...-R ▪ Series L / S



Ordering Codes

***FI-TE*-22*L*R*-W3*-MS**

* Male Stud Branch Tee	FI-TE
* Outside Tube Diameter D1 (in mm)	-22
* Series	Light Series L Heavy Series S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/2!	
* 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 rings and union nuts -MS Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Torque (N·m/ft·lb) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
L	22	160	G 3/4	19	18	16	35	44	27,5	42	27	36	180	23,90	FI-TE-22LR-W3
	.87	2320		.75	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	133.2	52.58	
	28	160	G 1	24	23	18	38	47	30,5	48	36	41	330	37,50	FI-TE-28LR-W3
	1.10	2320		.94	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61	244.2	82.50	
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	56,50	FI-TE-35LR-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	399.6	124.30	
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	80,50	FI-TE-42LR-W3
S	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466.2	177.10	
	20	400	G 3/4	16	16	16	37	48	26,5	42	27	36	270	28,80	FI-TE-20SR-W3
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199.8	63.36	
	25	250	G 1	20	20	18	42	54	30	48	36	46	340	51,40	FI-TE-25SR-W3
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	251.6	113.08	
	30	160	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	79,20	FI-TE-30SR-W3
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399.6	174.24	
	38	160	G 1 1/2	32	32	22	57	72	41	61	50	60	700	114,50	FI-TE-38SR-W3
	1.50	2320		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518.0	251.90	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

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.

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



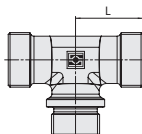
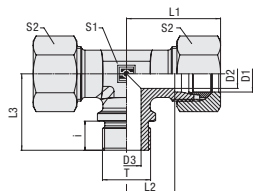
Union Nut
Type **FI-M** Page 33



37° Flared Tube Fitting Set
Type **FI-AB** Page 37



Male Stud Branch Tee Type FI-TE-...-M • Series L / S



C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD	PN	Dimensions												Torque	Weight	Ordering Codes ³
	(^{mm} / _{in})	(^{bar} / _{PSI})	(^{mm} / _{in})											(^{N·m} / _{ft·lb})	(^{kg} / _{lbs}) ca.		
	D1		Thread T	D2	D3	i	L	L ¹	L2	L3	S1	S2	Thread T	per 100			
L	22	160	M 26 x 1,5	19	18	16	35	44	27,5	42	27	36	190	22,20	FI-TE-22LM-W3		
	.87	2320		.75	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	140.6	48.84			
	28	160	M 33 x 2	24	23	18	38	47	30,5	48	36	41	340	37,60	FI-TE-28LM-W3		
	1.10	2320		.94	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61	251.6	82.72			
	35	160	M 42 x 2	30	30	20	45	56	34,5	54	41	50	500	56,90	FI-TE-35LM-W3		
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	370.0	125.18			
	42	160	M 48 x 2	36	36	22	51	63	40	61	50	60	630	81,10	FI-TE-42LM-W3		
1.65	2320	1.42		1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466.2	178.42				
S	20	400	M 27 x 2	16	16	16	37	48	26,5	42	27	36	270	29,10	FI-TE-20SM-W3		
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199.8	64.02			
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46	410	51,10	FI-TE-25SM-W3		
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	303.4	112.42			
	30	160	M 42 x 2	25	25	20	49	62	35,5	54	41	50	540	79,60	FI-TE-30SM-W3		
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399.6	175.12			
	38	160	M 48 x 2	32	32	22	57	72	41	61	50	60	700	115,10	FI-TE-38SM-W3		
1.50	2320	1.26		1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518.0	253.22				

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

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-TE*-22*L*M*-W3*-MS**

* Male Stud Branch Tee FI-TE

* Outside Tube Diameter D1 (in mm) -22

* Series Light Series L
Heavy Series S

* Thread Type Metric Parallel Thread M

If required, please indicate special sizes, e.g. M27x2!

* 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 rings and union nuts -MS

Fitting body supplied with soft-sealing cutting rings and union nuts -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

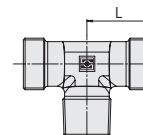
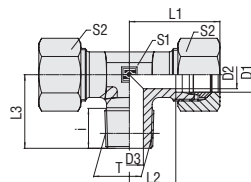
 STAUFF Form EVO Sealing Ring
Type FI-FD Page 32

 Union Nut
Type FI-M Page 33

 37° Flared Tube Fitting Set
Type FI-AB Page 37


Male Stud Branch Tee

Type FI-TE-...-Rk ▪ Series LL / L / S



Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

FI-TE-10*L*Rk*-W3*-MS

* Male Stud Branch Tee	FI-TE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series Light Series Heavy Series
	LL L S
* Thread Type	Whitworth Taper Pipe Thread (BSPT)
	Rk
If required, please indicate special sizes, e.g. R1/8k!	
* 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 rings and union nuts
	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts
	-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

Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Weight (kg/lbs) ca. per 100	Ordering Codes ³
LL	4	100	R 1/8 keg.	3	4	8	15	21	11	17	9	10	1,59	FI-TE-04LLRk-W3
	.16	1450		.12	.16	.31	.59	.83	.43	.67	.35	.39	3,50	FI-TE-06LLRk-W3
	6	100	R 1/8 keg.	4,5	4,5	8	15	21	9,5	17	9	12	1,34	FI-TE-08LLRk-W3
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.35	.47	2,94	FI-TE-10LLRk-W3
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	1,88	FI-TE-12LLRk-W3
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	4,14	FI-TE-14LLRk-W3
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	2,73	FI-TE-06LRk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	6,00	FI-TE-08LRk-W3
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	3,80	FI-TE-10LRk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	8,36	FI-TE-12LRk-W3
	10	315	R 1/4 keg.	8	7	12	22	30	15	27	14	19	4,70	FI-TE-14LRk-W3
	.39	4568		.31	.28	.47	.87	1.18	.59	1.06	.55	.75	10,34	FI-TE-16LRk-W3
	12	315	R 1/4 keg.	10	8	15	24	33,5	17	28	17	22	6,02	FI-TE-18LRk-W3
	.47	4568		.39	.31	.59	.94	1.32	.67	1.10	.67	.87	13,27	FI-TE-20LRk-W3
	12	315	R 3/8 keg.	10	9	12	24	32	17	28	17	22	6,28	FI-TE-22LRk-W3
	.47	4568		.39	.35	.47	.94	1.26	.67	1.10	.67	.87	13,82	FI-TE-24LRk-W3
	15	315	R 1/2 keg.	12	11	14	28	36	21	34	19	27	11,80	FI-TE-26LRk-W3
	.59	4568		.47	.43	.55	1.10	1.42	.83	1.34	.75	1.06	25,96	FI-TE-28LRk-W3
	18	315	R 1/2 keg.	15	14	14	31	40	23,5	36	24	32	16,30	FI-TE-30LRk-W3
	.71	4568		.59	.55	.55	1.22	1.57	.93	1.42	.94	1.26	35,86	FI-TE-32LRk-W3
	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,00	FI-TE-06SRk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	11,00	FI-TE-08SRk-W3
	8	400	R 1/4 keg.	5	5	12	24	32	17	27	14	19	6,27	FI-TE-10SRk-W3
	.31	5800		.20	.20	.47	.94	1.26	.67	1.06	.55	.75	13,80	FI-TE-12SRk-W3
S	10	400	R 3/8 keg.	7	7	12	25	34	17,5	28	17	22	8,50	FI-TE-14SRk-W3
	.39	5800		.28	.28	.47	.98	1.34	.69	1.10	.67	.87	18,70	FI-TE-16SRk-W3
	12	400	R 3/8 keg.	8	8	12	29	38	21,5	28	17	24	11,60	FI-TE-18SRk-W3
	.47	5800		.31	.31	.47	1.14	1.50	.85	1.10	.67	.94	25,52	FI-TE-20SRk-W3
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	15,47	FI-TE-22SRk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	34,03	FI-TE-24SRk-W3
	16	400	R 1/2 keg.	12	12	14	33	43	24,5	32	24	30	18,90	FI-TE-26SRk-W3
	.63	5800		.47	.47	.55	1.30	1.69	.96	1.26	.94	1.18	41,58	FI-TE-28SRk-W3

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-2 (Form C)

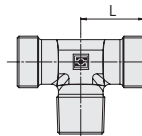
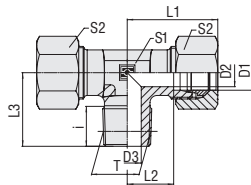
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

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 Branch Tee Type FI-TE-...-Mk ■ Series LL / L / S



C

Metric Taper Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)												Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1		Thread T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2				
LL	4	100	M 8 x 1 keg.	3	3,5	8	15	21	11	17	9	10	1,27			FI-TE-04LLMk-W3
	.16	1450		.12	.14	.31	.59	.83	.43	.67	.35	.39	2,79			FI-TE-06LLMk-W3
	6	100	M 10 x 1 keg.	4,5	4,5	8	15	21	9,5	17	9	12	1,62			FI-TE-08LLMk-W3
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.35	.47	3,56			FI-TE-10LLMk-W3
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14	2,42			FI-TE-12LLMk-W3
L	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	5,31			FI-TE-14LLMk-W3
	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14	2,76			FI-TE-06LMk-W3
	.24	4568		.16	.16	.31	.75	1,06	.47	.79	.47	.55	6,08			FI-TE-08LMk-W3
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17	3,45			FI-TE-10LMk-W3
	.31	4568		.24	.24	.47	.83	1,14	.55	1,02	.47	.67	7,59			FI-TE-12LMk-W3
	10	315	M 14 x 1,5 keg.	8	7	12	22	30	15	27	14	19	4,72			FI-TE-14LMk-W3
	.39	4568		.31	.28	.47	.87	1,18	.59	1,06	.55	.75	10,38			FI-TE-16LMk-W3
	12	315	M 16 x 1,5 keg.	10	9	12	24	32	17	28	17	22	7,19			FI-TE-18LMk-W3
	.47	4568		.39	.35	.47	.94	1,26	.67	1,10	.67	.87	15,81			FI-TE-20LMk-W3
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27	11,86			FI-TE-22LMk-W3
	.59	4568		.47	.43	.47	1,10	1,42	.83	1,26	.75	1,06	26,10			FI-TE-24LMk-W3
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32	17,50			FI-TE-26LMk-W3
	.71	4568		.59	.55	.55	1,22	1,57	.93	1,42	.94	1,26	38,49			FI-TE-28LMk-W3
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17	5,57			FI-TE-06SMk-W3
	.24	5800		.16	.16	.47	.91	1,22	.63	1,02	.47	.67	12,26			FI-TE-08SMk-W3
	8	400	M 14 x 1,5 keg.	5	5	12	24	32	17	27	14	19	7,54			FI-TE-10SMk-W3
	.31	5800		.20	.20	.47	.94	1,26	.67	1,06	.55	.75	16,58			FI-TE-12SMk-W3
	10	400	M 16 x 1,5 keg.	7	7	12	25	34	17,5	28	17	22	9,38			FI-TE-14SMk-W3
	.39	5800		.28	.28	.47	.98	1,34	.69	1,10	.67	.87	20,64			FI-TE-16SMk-W3
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24	10,71			FI-TE-20SMk-W3
	.47	5800		.31	.31	.47	1,14	1,50	.85	1,10	.67	.94	23,56			FI-TE-22SMk-W3
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27	15,11			FI-TE-24SMk-W3
	.55	5800		.39	.39	.55	1,18	1,57	.87	1,26	.75	1,06	33,25			FI-TE-26SMk-W3
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30	20,16			FI-TE-28SMk-W3
	.63	5800		.47	.47	.55	1,30	1,69	.96	1,26	.94	1,18	44,35			FI-TE-30SMk-W3

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

Suitable liquid / plastic sealant required.

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-TE-10*L*Mk*-W3*-MS

* Male Stud Branch Tee	FI-TE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series Light Series Heavy Series
	LL L S
* Thread Type	Metric Taper Thread
	Mk
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 rings and union nuts
	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts
	-MSV

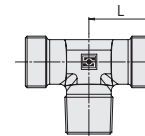
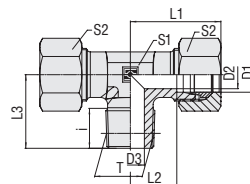
Connecting Parts

	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



Male Stud Branch Tee

Type FI-TE-...-N ▪ Series LL / L



NPT-Thread

Ordering Codes

FI-TE-10*L*1/4N*-W3*-MS

* Male Stud Branch Tee	FI-TE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 86) LL Light Series (page 86) L Heavy Series (page 87) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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 rings and union nuts -MS
	Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

Series	Tube OD	PN	Dimensions										Weight (^{kg} / _{lbs}) ca. per 100	Ordering Codes ³
	(^{mm} / _{in})	(^{bar} / _{PSI})	(^{mm} / _{in})	D1	D2	D3	i	L	L1 ¹	L2	L3	S1		
LL	4	100	1/8 NPT	3	3	7	15	21	11	17	9	10	1,60	FI-TE-04LL1/8N-W3
	.16	1450		.12	.12	.28	.59	.83	.43	.67	.35	.39	3.52	
	6	100	1/8 NPT	4,5	4,5	7	15	21	9,5	17	9	12	1,50	FI-TE-06LL1/8N-W3
	.24	1450		.18	.18	.28	.59	.83	.37	.67	.35	.47	3.30	
	8	100	1/8 NPT	5	5	7	17	23	11,5	20	12	14	2,50	FI-TE-08LL1/8N-W3
.31	1450	.20		.20	.28	.67	.91	.45	.79	.47	.55	5.50		
L	6	315	1/8 NPT	4	4	7	19	27	12	20	12	14	3,00	FI-TE-06L1/8N-W3
	.24	4568		.16	.16	.28	.75	1.06	.47	.79	.47	.55	6.60	
	6	315	1/4 NPT	4	4	10	21	29	14	26	12	14	4,40	FI-TE-06L1/4N-W3
	.24	4568		.16	.16	.39	.83	1.14	.55	1.02	.47	.55	9.68	
	8	315	1/4 NPT	6	6	10	21	29	14	26	12	17	4,20	FI-TE-08L1/4N-W3
	.31	4568		.24	.24	.39	.83	1.14	.55	1.02	.47	.67	9.24	
	10	315	1/4 NPT	7	7	10	22	30	15	27	14	19	5,00	FI-TE-10L1/4N-W3
	.39	4568		.28	.28	.39	.87	1.18	.59	1.06	.55	.75	11.00	
	12	315	3/8 NPT	10	10	10,5	24	32	17	28	17	22	6,50	FI-TE-12L3/8N-W3
	.47	4568		.39	.39	.41	.94	1.26	.67	1.10	.67	.87	14.30	
	15	315	1/2 NPT	12	12	14	28	36	21	36	19	27	12,10	FI-TE-15L1/2N-W3
	.59	4568		.47	.47	.55	1.10	1.42	.83	1.42	.75	1.06	26.62	
	18	315	1/2 NPT	15	12	14	31	40	23,5	36	24	32	16,30	FI-TE-18L1/2N-W3
	.71	4568		.59	.47	.55	1.22	1.57	.93	1.42	.94	1.26	35.86	
	22	160	3/4 NPT	19	18	14	35	44	27,5	42	27	36	21,80	FI-TE-22L3/4N-W3
	.87	2320		.75	.71	.55	1.38	1.73	1.08	1.65	1.06	1.42	47.96	
	28	160	1 NPT	24	21	17,5	38	47	30,5	48	36	41	39,00	FI-TE-28L1N-W3
	1.10	2320		.94	.83	.69	1.50	1.85	1.20	1.89	1.42	1.61	85.80	
	35	160	1 1/4 NPT	30	28	18	46	57	35,5	54	41	50	59,40	FI-TE-35L1-1/4N-W3
	1.38	2320		1.18	1.10	.71	1.81	2.24	1.40	2.13	1.61	1.97	130.68	
	42	160	1 1/2 NPT	36	34	18,5	51	63	40	61	50	60	84,10	FI-TE-42L1-1/2N-W3
	1.65	2320		1.42	1.34	.73	2.01	2.48	1.57	2.40	1.97	2.36	185.02	

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
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	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 rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

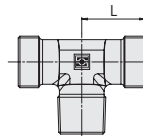
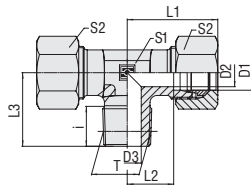
Suitable liquid / plastic sealant required.

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 Branch Tee Type FI-TE-...-N • Series S



C

NPT Thread

Series	Tube OD PN		Dimensions											Weight (kg/lbs) Ca. per 100	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)	D1	D2	D3	i	L	L1 ¹	L2	L3	S1	S2		
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	5,50	FI-TE-06S1/4N-W3	
	.24	9135		.16	.16	.39	.91	1.22	.63	1.02	.47	.67	12.10		
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	6,80	FI-TE-08S1/4N-W3	
	.31	9135		.20	.20	.39	.94	1.26	.67	1.06	.55	.75	14.96		
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	8,80	FI-TE-10S3/8N-W3	
	.39	9135		.28	.28	.41	.98	1.34	.69	1.10	.67	.87	19.36		
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	22	24	11,10	FI-TE-12S3/8N-W3	
	.47	9135		.31	.31	.41	1.14	1.50	.85	1.10	.87	.94	24.42		
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	15,10	FI-TE-14S1/2N-W3	
	.55	9135		.39	.39	.55	1.18	1.57	.87	1.34	.75	1.06	33.22		
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	19,00	FI-TE-16S1/2N-W3	
	.63	9135		.47	.47	.55	1.30	1.69	.96	1.42	.94	1.18	41.80		
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	28,20	FI-TE-20S3/4N-W3	
	.79	5800		.63	.63	.55	1.46	1.89	1.04	1.65	1.06	1.42	62.04		
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	50,40	FI-TE-25S1N-W3	
	.98	5800		.79	.79	.69	1.65	2.13	1.18	1.89	1.42	1.81	110.88		
	30	400	1 1/4 NPT	25	25	18	49	62	35,5	54	41	50	78,20	FI-TE-30S1-1/4N-W3	
	1.18	5800		.98	.98	.71	1.93	2.44	1.40	2.13	1.61	1.97	172.04		
	38	400	1 1/2 NPT	32	32	18,5	57	72	41	61	50	60	113,30	FI-TE-38S1-1/2N-W3	
	1.50	5800		1.26	1.26	.73	2.24	2.83	1.61	2.40	1.97	2.36	249.26		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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-TE*-10*S*3/8N*-W3*-MS**

* Male Stud Branch Tee	FI-TE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 86) LL Light Series (page 86) L Heavy Series (page 87) S
* Thread Size	acc. to dimension table 3/8
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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 rings and union nuts -MS
	Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

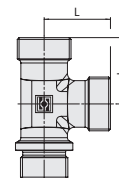
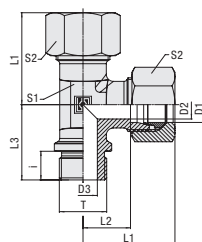
Connecting Parts

	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



Male Stud Barrel Tee

Type FI-LE-...-R ▪ Series L / S



Ordering Codes

FI-LE-22*L*R*-W3*-MS

* Male Stud Barrel Tee	FI-LE
* Outside Tube Diameter D1 (in mm)	-22
* Series	Light Series L Heavy Series S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/2!	
* 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 rings and union nuts -MS Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

Connecting Parts

	Cutting Ring Type FI-DS	Page 28
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	Union Nut Type FI-M	Page 33
	37° Flared Tube Fitting Set Type FI-AB	Page 37

Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Torque (N·m/ft·lb) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
L	22	160	G 3/4	18	18	16	35	44	27,5	42	27	36	180	25,01	FI-LE-22LR-W3
	.87	2320		.71	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	133.2	55.01	
	28	160	G 1	23	23	18	38	47	30,5	48	36	41	330	40,60	FI-LE-28LR-W3
	1.10	2320		.91	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61	244.2	89.32	
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	61,96	FI-LE-35LR-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	399.6	136.32	
S	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	100,41	FI-LE-42LR-W3
	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466.2	220.90	
	20	400	G 3/4	16	16	16	37	48	26,5	42	27	36	270	31,72	FI-LE-20SR-W3
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199.8	69.78	
	25	250	G 1	20	20	18	42	54	30	48	36	46	340	54,62	FI-LE-25SR-W3
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	251.6	120.16	
	30	160	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	52,00	FI-LE-30SR-W3
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399.6	114.40	
	38	160	G 1 1/2	32	32	22	57	72	41	61	50	60	700	134,44	FI-LE-38SR-W3
	1.50	2320		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518.0	295.76	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

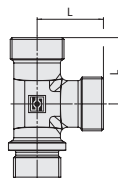
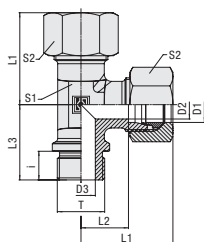
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

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.





Male Stud Barrel Tee Type FI-LE-...-M • Series L / S



C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD (^{mm} / _{in})	PN (^{bar} / _{PSI})	Dimensions												Torque (^{N·m} / _{ft·lb})	Weight (^{kg} / _{lbs}) ca. per 100	Ordering Codes ³
			D1	Thread	T	D2	D3	i	L	L ¹	L2	L3	S1	S2			
L	22	160	M 26 x 1,5	18	18	16	35	44	27,5	42	27	36	190	25,01	FI-LE-22LM-W3		
	.87	2320		.71	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	140.6	55.01			
	28	160	M 33 x 2	23	23	18	38	47	30,5	48	27	41	340	40,60	FI-LE-28LM-W3		
	1.10	2320		.91	.91	.71	1.50	1.85	1.20	1.89	1.06	1.61	251.6	89.32			
	35	160	M 42 x 2	30	30	20	45	56	34,5	54	41	50	500	61,96	FI-LE-35LM-W3		
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	370.0	136.32			
	42	160	M 48 x 2	36	36	22	51	63	40	61	50	60	630	100,41	FI-LE-42LM-W3		
1.65	2320	1.42		1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466.2	220.90				
S	20	400	M 27 x 2	16	16	16	37	48	26,5	42	27	36	270	31,72	FI-LE-20SM-W3		
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199.8	69.78			
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46	410	54,62	FI-LE-25SM-W3		
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	303.4	120.16			
	30	160	M 42 x 2	25	25	20	49	62	35,5	54	41	50	540	52,00	FI-LE-30SM-W3		
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399.6	114.40			
	38	160	M 48 x 2	32	32	22	57	72	41	61	50	60	700	134,44	FI-LE-38SM-W3		
1.50	2320	1.26		1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518.0	295.76				

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

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-LE*-22*L*M*-W3*-MS**

* Male Stud Barrel Tee **FI-LE**

* Outside Tube Diameter D1 (in mm) **-22**

* Series Light Series **L**
Heavy Series **S**

* Thread Type Metric Parallel Thread **M**

If required, please indicate special sizes, e.g. M27x2!

* 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 rings and union nuts **-MS**

Fitting body supplied with soft-sealing cutting rings and union nuts **-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

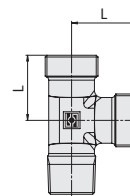
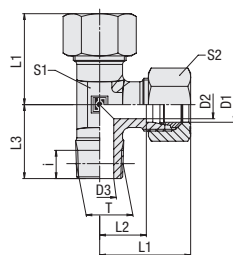
 STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32

 Union Nut
Type **FI-M** Page 33

 37° Flared Tube Fitting Set
Type **FI-AB** Page 37


Male Stud Barrel Tee

Type FI-LE-...-Rk ■ Series LL / L / S



Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

***FI-LE*-10*L*Rk*-W3*-MS**

* Male Stud Barrel Tee	FI-LE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series Light Series Heavy Series
	LL L S
* Thread Type	Whitworth Taper Pipe Thread (BSPT)
	Rk
If required, please indicate special sizes, e.g. R1/8k!	
* 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 rings and union nuts
	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts
	-MSV

Connecting Parts

	Cutting Ring Type FI-DS	Page 28
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 29
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	Union Nut Type FI-M	Page 33
	37° Flared Tube Fitting Set Type FI-AB	Page 37

Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Weight (kg/lbs) ca. per 100	Ordering Codes ³
LL	4	100	R 1/8 keg.	3	4	8	15	21	11	17	9	10	1,50	FI-LE-04LLRk-W3
	.16	1450		.12	.16	.31	.59	.83	.43	.67	.35	.39	3,30	
	6	100	R 1/8 keg.	4,5	5	8	16	21	9,5	17	9	12	1,60	FI-LE-06LLRk-W3
	.24	1450		.18	.20	.31	.63	.83	.37	.67	.35	.47	3,52	
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,42	FI-LE-08LLRk-W3
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	5,31	
	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	3,43	FI-LE-06LRk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	94,60	
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	3,79	FI-LE-08LRk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	8,34	
L	10	315	R 1/4 keg.	8	7	12	22	30	15	27	14	19	5,20	FI-LE-10LRk-W3
	.39	4568		.31	.28	.47	.87	1.18	.59	1.06	.55	.75	11,44	
	12	315	R 3/8 keg.	10	9	12	24	32	17	28	17	22	6,34	FI-LE-12LRk-W3
	.47	4568		.39	.35	.47	.94	1.26	.67	1.10	.67	.87	13,95	
	15	315	R 1/2 keg.	12	11	14	28	36	21	34	19	27	11,50	FI-LE-15LRk-W3
	.59	4568		.47	.43	.55	1.10	1.42	.83	1.34	.75	1.06	25,30	
	18	315	R 1/2 keg.	15	14	14	31	40	23,5	36	24	32	14,48	FI-LE-18LRk-W3
	.71	4568		.59	.55	.55	1.22	1.57	.93	1.42	.94	1.26	31,86	
	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,03	FI-LE-06SRk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	11,07	
S	8	400	R 1/4 keg.	5	5	12	24	32	17	27	14	19	6,41	FI-LE-08SRk-W3
	.31	5800		.20	.20	.47	.94	1.26	.67	1.06	.55	.75	14,10	
	10	400	R 3/8 keg.	7	7	12	25	34	17,5	28	17	22	8,33	FI-LE-10SRk-W3
	.39	5800		.28	.28	.47	.98	1.34	.69	1.10	.67	.87	18,33	
	12	400	R 3/8 keg.	8	8	12	29	38	21,5	28	17	24	10,46	FI-LE-12SRk-W3
	.47	5800		.31	.31	.47	1.14	1.50	.85	1.10	.67	.94	23,00	
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	13,91	FI-LE-14SRk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	30,60	
	16	400	R 1/2 keg.	12	12	14	33	43	24,5	32	24	30	17,66	FI-LE-16SRk-W3
	.63	5800		.47	.47	.55	1.30	1.69	.96	1.26	.94	1.18	38,85	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-2 (Form C)

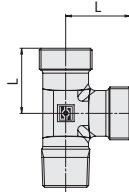
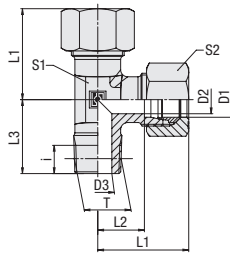
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

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 Barrel Tee

Type FI-LE-...-Mk ■ Series LL / L / S



C

Metric Taper Thread

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1		Thread T	D2 D3 i L L1 ¹ L2 L3 S1 S2	
LL	4	100	M 8 x 1 keg.	3 3,5 8 15 21 11 17 9 10 1,50	FI-LE-04LLMk-W3
	.16	1450		.12 .14 .31 .59 .83 .43 .67 .35 .39 3,30	
	6	100	M 10 x 1 keg.	4,5 4,5 8 15 21 9,5 17 9 12 1,62	FI-LE-06LLMk-W3
	.24	1450		.18 .18 .31 .59 .83 .37 .67 .35 .47 3,56	
	8	100	M 10 x 1 keg.	6 6 8 17 23 11,5 20 12 14 2,42	FI-LE-08LLMk-W3
L	.31	1450		.24 .24 .31 .67 .91 .45 .79 .47 .55 5,31	
	6	315	M 10 x 1 keg.	4 4 8 19 27 12 20 12 14 3,43	FI-LE-06LMk-W3
	.24	4568		.16 .16 .31 .75 1,06 .47 .79 .47 .55 7,54	
	8	315	M 12 x 1,5 keg.	6 6 12 21 29 14 26 12 17 4,24	FI-LE-08LMk-W3
	.31	4568		.24 .24 .47 .83 1,14 .55 1,02 .47 .67 9,34	
	10	315	M 14 x 1,5 keg.	8 7 12 22 30 15 27 14 19 5,57	FI-LE-10LMk-W3
	.39	4568		.31 .28 .47 .87 1,18 .59 1,06 .55 .75 12,25	
	12	315	M 16 x 1,5 keg.	10 9 12 24 32 17 28 17 22 7,19	FI-LE-12LMk-W3
	.47	4568		.39 .35 .47 .94 1,26 .67 1,10 .67 .87 15,81	
	15	315	M 18 x 1,5 keg.	12 11 12 28 36 21 32 19 27 11,86	FI-LE-15LMk-W3
	.59	4568		.47 .43 .47 1,10 1,42 .83 1,26 .75 1,06 26,10	
	18	315	M 22 x 1,5 keg.	15 14 14 31 40 23,5 36 24 32 17,50	FI-LE-18LMk-W3
	.71	4568		.59 .55 .55 1,22 1,57 .93 1,42 .94 1,26 38,49	
	6	400	M 12 x 1,5 keg.	4 4 12 23 31 16 26 12 17 5,57	FI-LE-06SMk-W3
	.24	5800		.16 .16 .47 .91 1,22 .63 1,02 .47 .67 12,26	
S	8	400	M 14 x 1,5 keg.	5 5 12 24 32 17 27 14 19 7,54	FI-LE-08SMk-W3
	.31	5800		.20 .20 .47 .94 1,26 .67 1,06 .55 .75 16,58	
	10	400	M 16 x 1,5 keg.	7 7 12 25 34 17,5 28 17 22 8,37	FI-LE-10SMk-W3
	.39	5800		.28 .28 .47 .98 1,34 .69 1,10 .67 .87 18,42	
	12	400	M 18 x 1,5 keg.	8 8 12 29 38 21,5 28 17 24 12,07	FI-LE-12SMk-W3
	.47	5800		.31 .31 .47 1,14 1,50 .85 1,10 .67 .94 26,55	
	14	400	M 20 x 1,5 keg.	10 10 14 30 40 22 32 19 27 15,11	FI-LE-14SMk-W3
	.55	5800		.39 .39 .55 1,18 1,57 .87 1,26 .75 1,06 33,25	
	16	400	M 22 x 1,5 keg.	12 12 14 33 43 24,5 32 24 30 20,16	FI-LE-16SMk-W3
	.63	5800		.47 .47 .55 1,30 1,69 .96 1,26 .94 1,18 44,35	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

Suitable liquid / plastic sealant required.

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-LE-10*L*Mk*-W3*-MS

* Male Stud Barrel Tee	FI-LE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series LL Light Series L Heavy Series S
* Thread Type	Metric Taper Thread Mk
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 rings and union nuts -MS
	Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

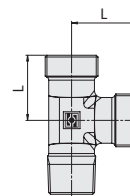
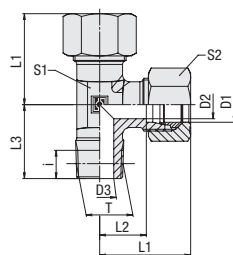
Connecting Parts

	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



Male Stud Barrel Tee

Type FI-LE-...-N • Series LL / L



NPT-Thread

Ordering Codes

FI-LE-10*L*1/4N*-W3*-MS

* Male Stud Barrel Tee	FI-LE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 92) LL Light Series (page 92) L Heavy Series (page 93) S
* Thread Size	acc. to dimension table 1/4
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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 rings and union nuts -MS
	Fitting body supplied with soft-sealing cutting rings and union nuts -MSV

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) Ca. per 100	Ordering Codes ³
	D1		Thread T D2 D3 i L L1 ¹ L2 L3 S1 S2		
LL	4	100	1/8 NPT 3 3 7 15 21 11 15 9 10 1,51	1,51	FI-LE-04LL1/8N-W3
	.16	1450	.12 .12 .28 .59 .83 .43 .59 .35 .39 3.32	3.32	
	6	100	1/8 NPT 4,5 4,5 7 15 21 9,5 15 10 12 1,62	1,62	FI-LE-06LL1/8N-W3
	.24	1450	.18 .18 .28 .59 .83 .37 .59 .39 .47 3.56	3.56	
L	8	100	1/8 NPT 5 5 7 17 23 11,5 20 12 14 3,30	3,30	FI-LE-08LL1/8N-W3
	.31	1450	.20 .20 .28 .67 .91 .45 .79 .47 .55 7.26	7.26	
	6	315	1/8 NPT 4 4 7 19 27 12 20 12 14 1,30	1,30	FI-LE-06L1/8N-W3
	.24	4568	.16 .16 .28 .75 1.06 .47 .79 .47 .55 2.86	2.86	
	8	315	1/4 NPT 6 6 10 21 29 14 26 12 17 4,24	4,24	FI-LE-08L1/4N-W3
	.31	4568	.24 .24 .39 .83 1.14 .55 1.02 .47 .67 9.33	9.33	
	10	315	1/4 NPT 7 7 10 22 30 15 27 14 19 5,57	5,57	FI-LE-10L1/4N-W3
	.39	4568	.28 .28 .39 .87 1.18 .59 1.06 .55 .75 12.25	12.25	
	12	315	3/8 NPT 10 10 10,5 24 32 17 28 17 22 7,19	7,19	FI-LE-12L3/8N-W3
	.47	4568	.39 .39 .41 .94 1.26 .67 1.10 .67 .87 15.81	15.81	
	15	315	1/2 NPT 12 12 14 28 36 21 34 19 27 11,86	11,86	FI-LE-15L1/2N-W3
	.59	4568	.47 .47 .55 1.10 1.42 .83 1.34 .75 1.06 26.10	26.10	
	18	315	1/2 NPT 14 14 14 31 40 23,5 36 24 32 17,50	17,50	FI-LE-18L1/2N-W3
	.71	4568	.55 .55 .55 1.22 1.57 .93 1.42 .94 1.26 38.49	38.49	
	22	160	3/4 NPT 18 18 14 35 44 27,5 42 27 36 27,60	27,60	FI-LE-22L3/4N-W3
	.87	2320	.71 .71 .55 1.38 1.73 1.08 1.65 1.06 1.42 60.72	60.72	
	28	160	1 NPT 24 24 17,5 38 47 30,5 48 36 41 43,00	43,00	FI-LE-28L1N-W3
	1.10	2320	.94 .94 .69 1.50 1.85 1.20 1.89 1.42 1.61 94.60	94.60	
	35	160	1 1/4 NPT 30 30 18 46 57 35,5 54 41 50 63,50	63,50	FI-LE-35L1-1/4N-W3
	1.38	2320	1.18 1.18 .71 1.81 2.24 1.40 2.13 1.61 1.97 139.70	139.70	
	42	160	1 1/2 NPT 36 36 18 51 63 40 61 50 60 110,00	110,00	FI-LE-42L1-1/2N-W3
	1.65	2320	1.42 1.42 .71 2.01 2.48 1.57 2.40 1.97 2.36 242.00	242.00	

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 rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to ANSI/ASME B1.20.1-1983

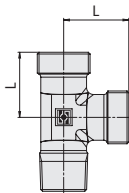
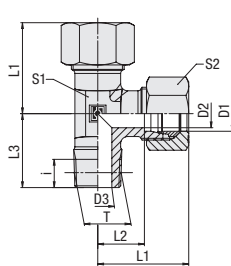
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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 Barrel Tee Type FI-LE-...-N • Series S



C

NPT Thread

Series	Tube OD	PN	Dimensions											Weight	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)	Thread	T	D2	D3	i	L	L ¹	L2	L3	S1	S2	
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	5,57		FI-LE-06S1/4N-W3
	.24	9135		0.16	0.16	0.39	0.91	1.22	0.63	1.02	0.47	0.67	12.26		
	8	630		1/4 NPT	5	5	10	24	32	17	27	14	19	7,54	
	.31	9135	0.20		0.20	0.39	0.94	1.26	0.67	1.06	0.55	0.75	16.58		
	10	630	3/8 NPT		7	7	10,5	25	34	17,5	28	17	22	10,50	
	.39	9135		0.28	0.28	0.41	0.98	1.34	0.69	1.10	0.67	0.87	23.10		
	12	630		3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	12,07	
	.47	9135	0.31		0.31	0.41	1.14	1.50	0.85	1.10	0.67	0.94	26.55		
	14	630	1/2 NPT		10	10	14	30	40	22	34	19	27	15,11	
	.55	9135		0.39	0.39	0.55	1.18	1.57	0.87	1.34	0.75	1.06	33.25		
	16	630		1/2 NPT	12	12	14	33	43	24,5	36	24	30	20,16	
	.63	9135	0.47		0.47	0.55	1.30	1.69	0.96	1.42	0.94	1.18	44.35		
	20	400	3/4 NPT		16	16	14	37	48	26,5	42	27	36	35,00	
	.79	5800		0.63	0.63	0.55	1.46	1.89	1.04	1.65	1.06	1.42	77.00		
	25	400		1 NPT	20	20	17,5	42	54	30	48	36	46	56,00	
	.98	5800	0.79		0.79	0.69	1.65	2.13	1.18	1.89	1.42	1.81	123.20		
	30	400	1 1/4 NPT		25	32	18	49	62	35,5	54	41	50	74,20	
	1.18	5800		0.98	1.26	0.71	1.93	2.44	1.40	2.13	1.61	1.97	163.24		
	38	400		1 1/2 NPT	32	32	18	57	72	41	61	50	60	145,00	
	1.50	5800	1.26		1.26	0.71	2.24	2.83	1.61	2.40	1.97	2.36	319.00		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting rings and union nuts.

³ Standard scope of delivery: Fitting body only.

Male stud acc. to ANSI/ASME B1.20.1-1983

Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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-LE-10*S*3/8N*-W3*-MS

* Male Stud Barrel Tee	FI-LE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 92) LL Light Series (page 92) L Heavy Series (page 93) S
* Thread Size	acc. to dimension table 3/8
Please always indicate thread sizes, e.g. 1/4!	
* Thread Type	NPT Thread N
* 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 rings and union nuts -MS
	Fitting body supplied with soft-sealing cutting rings and union nuts -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

