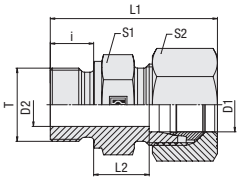
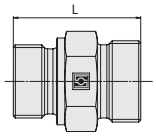
Straight Male Stud Fitting
Type FI-GE-...-R ▪ Series L







C

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	Light Series (pages 38/39)	**L**
	Heavy Series (pages 40/41)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* Material Code	Steel, zinc/nickel-plated	**-W3**
Please contact STAUFF for alternative materials and surface finishings.		
* Assembling / Kitting	Fitting body only	**—**
	Fitting body supplied with cutting ring and union nut	**-MS**
	Fitting body supplied with soft-sealing cutting ring and union nut	**-MSV**

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N·m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
L	6	400	G 1/8	4	8	23,5	31,5	8,5	14	14	18	1,37	FI-GE-06LR-W3
	.24	5800		.16	.31	.93	1.24	.33	.55	.55	13.3	3.01	
	6	400	G 1/4	4	12	29	37	10	19	14	65	2,84	FI-GE-06LR1/4-W3
	.24	5800		.16	.47	1.14	1.46	.39	.75	.55	48.1	6.24	
	6	400	G 3/8	4	12	30.5	38,5	11,5	22	14	70	4,13	FI-GE-06LR3/8-W3
	.24	5800		.16	.47	1.20	1.52	.45	.87	.55	51.8	9.08	
	6	400	G 1/2	4	14	33	41	12	27	14	190	6,48	FI-GE-06LR1/2-W3
	.24	5800		.16	.55	1.30	1.61	.47	1.06	.55	140.6	14.26	
	8	400	G 1/8	4	8	24,5	32,5	9,5	14	17	18	1,61	FI-GE-08LR1/8-W3
	.31	5800		.16	.31	.96	1.28	.37	.55	.67	13.3	3.54	
	8	400	G 1/4	6	12	29	37	10	19	17	65	2,72	FI-GE-08LR-W3
	.31	5800		.24	.47	1.14	1.46	.39	.75	.67	48.1	5.97	
	8	400	G 3/8	6	12	30.5	38,5	11	22	17	70	4,46	FI-GE-08LR3/8-W3
	.31	5800		.24	.47	1.20	1.52	.43	.87	.67	51.8	9.81	
	8	400	G 1/2	6	14	33	41	12	27	17	190	7,51	FI-GE-08LR1/2-W3
	.31	5800		.24	.55	1.30	1.61	.47	1.06	.67	140.6	16.53	
	10	400	G 1/8	4	8	25,5	33,5	1.5	17	19	18	2,00	FI-GE-10LR1/8-W3
	.39	5800		.16	.31	1.00	1.32	.41	.67	.75	13.3	4.40	
	10	400	G 1/4	6	12	30	38	11	19	19	65	2,95	FI-GE-10LR-W3
	.39	5800		.24	.47	1.18	1.50	.43	.75	.75	48.1	6.48	
	10	400	G 3/8	8	12	31,5	39,5	12,5	22	19	70	4,29	FI-GE-10LR3/8-W3
	.39	5800		.31	.47	1.24	1.56	.49	.87	.75	51.8	9.44	
	10	400	G 1/2	8	14	34	42	13	27	19	190	7,08	FI-GE-10LR1/2-W3
	.39	5800		.31	.55	1.34	1.65	.51	1.06	.75	140.6	15.58	
	10	400	G 3/4	8	16	37,5	45,5	14,5	32	19	180	9,29	FI-GE-10LR3/4-W3
	.39	5800		.31	.63	1.48	1.79	.57	1.26	.75	133.2	20.43	
	12	400	G 1/8	4	8	26,5	34,5	11,5	19	22	18	2,49	FI-GE-12LR1/8-W3
	.47	5800		.16	.31	1.04	1.36	.45	.75	.87	13.3	5.48	
	12	400	G 1/4	6	12	31	39	12	19	22	65	3,10	FI-GE-12LR1/4-W3
	.47	5800		.24	.47	1.22	1.54	.47	.75	.87	48.1	6.81	
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	70	4,24	FI-GE-12LR-W3
	.47	5800		.35	.47	1.24	1.56	.49	.87	.87	51.8	9.32	
	12	400	G 1/2	10	14	34	42	13	27	22	190	6,67	FI-GE-12LR1/2-W3
	.47	5800		.39	.55	1.34	1.65	.51	1.06	.87	140.6	14.68	
	12	400	G 3/4	10	16	37	45	14	32	22	180	10,83	FI-GE-12LR3/4-W3
	.47	5800		.39	.63	1.46	1.77	.55	1.26	.87	133.2	23.83	
	15	400	G 1/4	6	12	33	41	14	24	27	65	4,93	FI-GE-15LR1/4-W3
	.59	5800		.24	.47	1.30	1.61	.55	.94	1.06	48.1	10.85	
	15	400	G 3/8	9	12	32,5	4.5	13	24	27	70	5,03	FI-GE-15LR3/8-W3
	.59	5800		.35	.47	1.28	1.59	.51	.94	1.06	51.8	11.06	
	15	400	G 1/2	11	14	35	43	14	27	27	190	6,53	FI-GE-15LR-W3
	.59	5800		.43	.55	1.38	1.69	.55	1.06	1.06	140.6	14.37	
	15	400	G 3/4	12	16	38	46	15	32	27	180	10,06	FI-GE-15LR3/4-W3
	.59	5800		.47	.63	1.50	1.81	.59	1.26	1.06	133.2	22.14	

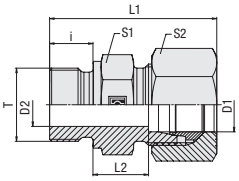
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

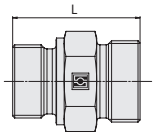
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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

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







C

Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
L	18	250	G 3/8	9	12	33,5	42,5	14	27	32	70	6,41	FI-GE-18LR3/8-W3
	.71	3625		.35	.47	1.32	1.67	.55	1.06	1.26	51.8	14.11	
	18	250	G 1/2	14	14	36	45	14,5	27	32	190	7,13	FI-GE-18LR-W3
	.71	3625		.55	.55	1.42	1.77	.57	1.06	1.26	140.6	15.69	
	18	250	G 3/4	15	16	38	47	14,5	32	32	180	11,28	FI-GE-18LR3/4-W3
	.71	3625		.59	.63	1.50	1.85	.57	1.26	1.26	133.2	24.82	
	18	250	G 1	15	18	40	49	14,5	41	32	330	15,87	FI-GE-18LR1-W3
	.71	3625		.59	.71	1.57	1.93	.57	1.61	1.26	244.2	34.91	
	22	250	G 1/2	14	14	38	47	16,5	32	36	190	8,57	FI-GE-22LR1/2-W3
	.87	3625		.55	.55	1.50	1.85	.65	1.26	1.42	140.6	18.85	
	22	250	G 3/4	18	16	40	49	16,5	32	36	180	10,48	FI-GE-22LR-W3
	.87	3625		.71	.63	1.57	1.93	.65	1.26	1.42	133.2	23.06	
	22	250	G 1	19	18	43	52	17,5	41	36	330	19,17	FI-GE-22LR1-W3
	.87	3625		.75	.71	1.69	2.05	.69	1.61	1.42	244.2	42.17	
	28	250	G 1/2	14	14	39	48	17,5	41	41	190	6,11	FI-GE-28LR1/2-W3
	1.10	3625		.55	.55	1.54	1.89	.69	1.61	1.61	140.6	13.43	
	28	250	G 3/4	18	16	41	50	17,5	41	41	180	14,42	FI-GE-28LR3/4-W3
	1.10	3625		.71	.63	1.61	1.97	.69	1.61	1.61	133.2	31.72	
	28	250	G 1	23	18	43	52	17,5	41	41	330	17,08	FI-GE-28LR-W3
	1.10	3625		.91	.71	1.69	2.05	.69	1.61	1.61	244.2	37.58	
	28	250	G 1 1/4	24	20	46	55	18,5	50	41	750	13,40	FI-GE-28LR1-1/4-W3
	1.10	3625		.94	.79	1.81	2.17	.73	1.97	1.61	555	29.48	
	35	250	G 1	23	18	46	57	17,5	46	50	330	22,45	FI-GE-35LR1-W3
	1.38	3625		.91	.71	1.81	2.24	.69	1.81	1.97	244.2	49.38	
	35	250	G 1 1/4	30	20	48	59	17,5	50	50	750	27,69	FI-GE-35LR-W3
	1.38	3625		1.18	.79	1.89	2.32	.69	1.97	1.97	555	60.92	
	35	250	G 1 1/2	30	22	52	63	19,5	55	50	630	42,63	FI-GE-35LR1-1/2-W3
	1.38	3625		1.18	.87	2.05	2.48	.77	2.17	1.97	466.2	93.78	
	42	160	G 1	23	18	48	60	19	55	60	330	32,20	FI-GE-42LR1-W3
	1.65	2320		.91	.71	1.89	2.36	.75	2.17	2.36	244.2	70.84	
	42	160	G 1 1/4	30	20	50	62	19	55	60	750	34,71	FI-GE-42LR1-1/4-W3
	1.65	2320		1.18	.79	1.97	2.44	.75	2.17	2.36	555	76.35	
	42	160	G 1 1/2	36	22	52	64	19	55	60	630	34,78	FI-GE-42LR-W3
	1.65	2320		1.42	.87	2.05	2.52	.75	2.17	2.36	466.2	76.52	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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

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

Torque recommendations for Steel mating material.

Ordering Codes

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

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (pages 38/39)	L
	Heavy Series (pages 40/41)	S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	R
If required, please indicate special sizes, e.g. R1/8!		
* Material Code	Steel, zinc/nickel-plated	-W3
Please contact STAUFF for alternative materials and surface finishings.		
* Assembling / Kitting	Fitting body only	—
	Fitting body supplied with cutting ring and union nut	-MS
	Fitting body supplied with soft-sealing cutting ring and union nut	-MSV

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

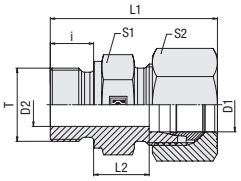

STAUFF Form Ring
Type **FI-AR** Page 30

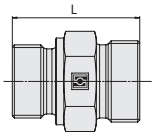

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

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	Light Series (pages 38/39)	**L**
	Heavy Series (pages 40/41)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* Material Code	Steel, zinc/nickel-plated	**-W3**
Please contact STAUFF for alternative materials and surface finishings.		
* Assembling / Kitting	Fitting body only	**—**
	Fitting body supplied with cutting ring and union nut	**-MS**
	Fitting body supplied with soft-sealing cutting ring and union nut	**-MSV**

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N·m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	6	630	G 1/4	4	12	32	40	13	19	17	125	3,49	FI-GE-06SR-W3
	.24	9135		.16	.47	1.26	1.57	.51	.75	.67	92.5	7.77	
	6	630	G 3/8	4	12	34,5	42,5	15,5	22	17	90	2,29	FI-GE-06SR3/8-W3
	.24	9135		.16	.47	1.36	1.67	.61	.87	.67	66.6	5.03	
	6	630	G 1/2	4	14	39	47	18	27	17	210	9,40	FI-GE-06SR1/2-W3
	.24	9135		.16	.55	1.54	1.85	.71	1.06	.67	155.4	20.68	
	8	630	G 1/4	5	12	34	42	15	19	19	125	4,06	FI-GE-08SR-W3
	.31	9135		.20	.47	1.34	1.65	.59	.75	.75	92.5	8.93	
	8	630	G 3/8	5	12	34,5	42,5	15,5	22	19	90	5.77	FI-GE-08SR3/8-W3
	.31	9135		.20	.47	1.36	1.67	.61	.87	.75	66.6	12.69	
	8	630	G 1/2	5	14	39	47	18	27	19	210	9.91	FI-GE-08SR1/2-W3
	.31	9135		.20	.55	1.54	1.85	.71	1.06	.75	155.4	21.80	
	10	630	G 1/4	5	12	34	43	14,5	19	22	125	4.35	FI-GE-10SR1/4-W3
	.39	9135		.20	.47	1.34	1.69	.57	.75	.87	92.5	9.57	
	10	630	G 3/8	7	12	34,5	43,5	15	22	22	90	5.68	FI-GE-10SR-W3
	.39	9135		.28	.47	1.36	1.71	.59	.87	.87	66.6	12.50	
	10	630	G 1/2	7	14	39	48	17,5	27	22	210	9.73	FI-GE-10SR1/2-W3
	.39	9135		.28	.55	1.54	1.89	.69	1.06	.87	155.4	21.41	
	12	630	G 1/4	5	12	36	45	16,5	22	24	125	5,93	FI-GE-12SR1/4-W3
	.47	9135		.20	.47	1.42	1.77	.65	.87	.94	92.5	13.05	
	12	630	G 3/8	8	12	36,5	45,5	17	22	24	90	5,02	FI-GE-12SR-W3
	.47	9135		.31	.47	1.44	1.79	.67	.87	.94	66.6	11.04	
	12	630	G 1/2	8	14	39	48	17,5	27	24	210	9,72	FI-GE-12SR1/2-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	155.4	21.38	
	12	630	G 3/4	8	16	43	52	19,5	32	24	270	16,48	FI-GE-12SR3/4-W3
	.47	9135		.31	.63	1.69	2.05	.77	1.26	.94	199.8	36.26	
	14	630	G 1/4	5	12	36	46	16	22	27	125	6.72	FI-GE-14SR1/4-W3
	.55	9135		.20	.47	1.42	1.81	.63	.87	1.06	92.5	14.78	
	14	630	G 3/8	8	12	38,5	48,5	18,5	22	27	90	6,95	FI-GE-14SR3/8-W3
	.55	9135		.31	.47	1.52	1.91	.73	.87	1.06	66.6	15.29	
	14	630	G 1/2	10	14	41	51	19	27	27	210	9,79	FI-GE-14SR-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	155.4	21.54	
	14	630	G 3/4	10	16	45	55	21	32	27	270	16,30	FI-GE-14SR3/4-W3
	.55	9135		.39	.63	1.77	2.17	.83	1.26	1.06	199.8	35.86	
	16	500	G 3/8	8	12	38,5	48,5	18	27	30	90	6,42	FI-GE-16SR3/8-W3
	.63	7250		.31	.47	1.52	1.91	.71	1.06	1.18	66.6	14.12	
	16	500	G 1/2	12	14	41	51	18,5	27	30	210	9,15	FI-GE-16SR-W3
	.63	7250		.47	.55	1.61	2.01	.73	1.06	1.18	155.4	21.13	
	16	400	G 3/4	12	16	45	55	20.5	32	30	270	15,75	FI-GE-16SR3/4-W3
	.63	5800		.47	.63	1.77	2.17	.81	1.26	1.18	199.8	34.65	

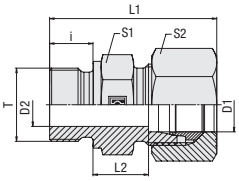
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

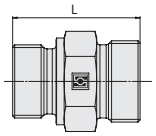
Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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

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







C

Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	20	400	G 1/2	12	14	45	56	20.5	32	36	210	13,69	FI-GE-20SR1/2-W3
	.79	5800		.47	.55	1.77	2.20	.81	1.26	1.42	155.4	30.11	
	20	400	G 3/4	16	16	47	58	20.5	32	36	270	15,24	FI-GE-20SR-W3
	.79	5800		.63	.63	1.85	2.28	.81	1.26	1.42	199.8	33.54	
	20	400	G 1	16	18	51	62	22,5	41	36	340	25,90	FI-GE-20SR1-W3
	.79	5800		.63	.71	2.01	2.44	.89	1.61	1.42	251.6	56.98	
	25	400	G 3/4	16	16	51	63	23	41	46	270	24,73	FI-GE-25SR3/4-W3
	.98	5800		.63	.63	2.01	2.48	.91	1.61	1.81	199.8	54.40	
	25	400	G 1	20	18	53	65	23	41	46	340	26,89	FI-GE-25SR-W3
	.98	5800		.79	.71	2.09	2.56	.91	1.61	1.81	251.6	59.16	
	25	250	G 1 1/4	20	20	55	67	23	50	46	650	23,28	FI-GE-25SR1-1/4-W3
	.98	3625		.79	.79	2.17	2.64	.91	1.97	1.81	481	51.22	
	30	250	G 1	20	18	55	68	23,5	46	50	340	33,52	FI-GE-30SR1-W3
	1.18	3625		.79	.71	2.17	2.68	.93	1.81	1.97	251.6	73.75	
	30	250	G 1 1/4	25	20	57	70	23,5	50	50	650	42,11	FI-GE-30SR-W3
	1.18	3625		.98	.79	2.24	2.76	.93	1.97	1.97	481	92.65	
	30	250	G 1 1/2	25	22	59	72	23,5	55	50	700	57,10	FI-GE-30SR1-1/2-W3
	1.18	3625		.98	.87	2.32	2.83	.93	2.17	1.97	518.0	125.63	
	38	160	G 1	20	18	62	77	28	55	60	340	52,40	FI-GE-38SR1-W3
	1.50	2320		.79	.71	2.44	3.03	1.10	2.17	2.36	251.6	115.28	
	38	160	G 1 1/4	25	20	62	75	26	55	60	650	57,22	FI-GE-38SR1-1/4-W3
	1.50	2320		.98	.79	2.44	2.95	1.02	2.17	2.36	481	125.88	
	38	160	G 1 1/2	32	22	64	77	26	55	60	700	56,30	FI-GE-38SR-W3
	1.50	2320		1.26	.87	2.52	3.03	1.02	2.17	2.36	518.0	123.86	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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

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

Torque recommendations for Steel mating material.

Ordering Codes

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

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (pages 38/39)	L
	Heavy Series (pages 40/41)	S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	R
If required, please indicate special sizes, e.g. R1/8!		
* Material Code	Steel, zinc/nickel-plated	-W3
Please contact STAUFF for alternative materials and surface finishings.		
* Assembling / Kitting	Fitting body only	—
	Fitting body supplied with cutting ring and union nut	-MS
	Fitting body supplied with soft-sealing cutting ring and union nut	-MSV

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

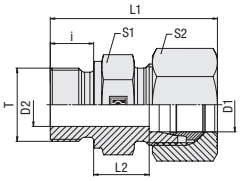

STAUFF Form Ring
Type **FI-AR** Page 30

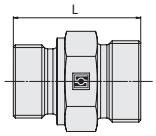

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

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	Light Series (page 42)	L
	Heavy Series (page 43)	S
* Thread Type	Metric Parallel Thread	M

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

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

Please contact STAUFF for alternative materials and surface finishings.

* Assembling / Kitting	Fitting body only	—
	Fitting body supplied with cutting ring and union nut	-MS
	Fitting body supplied with soft-sealing cutting ring and union nut	-MSV

Connecting Parts



Cutting Ring
Type **FI-DS** Page 26



Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27



Support Sleeve
Type **FI-VH** Page 28



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



Union Nut
Type **FI-M** Page 31



37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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[2]	Ordering Codes[3]
L	6	400	M 10 x 1	4	8	23,5	31,5	8,5	14	14	18	1,38	FI-GE-06LM-W3
	.24	5800		.16	.31	.93	1.24	.33	.55	.55	13.3	3.03	
	6	400	M 12 x 1,5	4	12	29	37	10	17	14	30	2,26	FI-GE-06LM12x1.5-W3
	.24	5800		.16	.47	1.14	1.46	.39	.67	.55	22.2	4.98	
	6	400	M 14 x 1,5	4	12	30	38	11	19	14	45	2,89	FI-GE-06LM14x1.5-W3
	.24	5800		.16	.47	1.18	1.50	.43	.75	.55	33.3	6.35	
	8	400	M 10 x 1	4	8	23,5	31,5	8,5	14	17	18	1,53	FI-GE-08LM10x1-W3
	.31	5800		.16	.31	.93	1.24	.33	.55	.67	13.3	3.37	
	8	400	M 12 x 1,5	6	12	29	37	10	17	17	30	2,21	FI-GE-08LM-W3
	.31	5800		.24	.47	1.14	1.46	.39	.67	.67	22.2	4.86	
	8	400	M 14 x 1,5	6	12	30	38	11	19	17	45	3,11	FI-GE-08LM14x1.5-W3
	.31	5800		.24	.47	1.18	1.50	.43	.75	.67	33.3	6.83	
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	65	4,05	FI-GE-08LM16x1.5-W3
	.31	5800		.24	.47	1.18	1.50	.43	.87	.67	48.1	8.91	
	8	400	M 18 x 1,5	6	12	30,5	38,5	11,5	24	17	80	4,34	FI-GE-08LM18x1.5-W3
	.31	5800		.24	.47	1.20	1.52	.45	.94	.67	59.2	9.54	
	10	400	M 10 x 1	4	8	25,5	33,5	1.5	17	19	18	2,20	FI-GE-10LM10x1-W3
	.39	5800		.16	.31	1.00	1.32	.41	.67	.75	13.3	4.84	
	10	400	M 12 x 1,5	6	12	30	38	11	17	19	30	2,38	FI-GE-10LM12x1.5-W3
	.39	5800		.24	.47	1.18	1.50	.43	.67	.75	22.2	5.23	
	10	400	M 14 x 1,5	7	12	30	38	11	19	19	45	2,94	FI-GE-10LM-W3
	.39	5800		.28	.47	1.18	1.50	.43	.75	.75	33.3	6.46	
	10	400	M 16 x 1,5	8	12	31,5	39,5	12,5	22	19	65	4,05	FI-GE-10LM16x1.5-W3
	.39	5800		.31	.47	1.24	1.56	.49	.87	.75	48.1	8.91	
	10	400	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	80	4,94	FI-GE-10LM18x1.5-W3
	.39	5800		.31	.47	1.24	1.56	.49	.94	.75	59.2	10.86	
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	140	7,36	FI-GE-10LM22x1.5-W3
	.39	5800		.31	.55	1.34	1.65	.51	1.06	.75	103.6	16.19	
	12	400	M 12 x 1,5	6	12	30	38	11	19	22	30	2,84	FI-GE-12LM12x1.5-W3
	.47	5800		.24	.47	1.18	1.50	.43	.75	.87	22.2	6.25	
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	45	3,06	FI-GE-12LM14x1.5-W3
	.47	5800		.28	.47	1.18	1.50	.43	.75	.87	33.3	6.72	
	12	400	M 16 x 1,5	9	12	31,5	39,5	12,5	22	22	65	3,92	FI-GE-12LM-W3
	.47	5800		.35	.47	1.24	1.56	.49	.87	.87	48.1	8.63	
	12	400	M 18 x 1,5	10	12	31,5	39,5	12,5	24	22	80	4,90	FI-GE-12LM18x1.5-W3
	.47	5800		.39	.47	1.24	1.56	.49	.94	.87	59.2	10.78	
	12	400	M 22 x 1,5	10	14	35	43	14	27	22	140	6,96	FI-GE-12LM22x1.5-W3
	.47	5800		.39	.55	1.38	1.69	.55	1.06	.87	103.6	15.31	
	15	400	M 16 x 1,5	9	12	32	40	13	24	27	65	5,15	FI-GE-15LM16x1.5-W3
	.59	5800		.35	.47	1.26	1.57	.51	.94	1.06	48.1	11.33	
	15	400	M 18 x 1,5	11	12	32,5	4.5	13,5	24	27	80	5,28	FI-GE-15LM-W3
	.59	5800		.43	.47	1.28	1.59	.53	.94	1.06	59.2	11.61	
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	140	7,15	FI-GE-15LM22x1.5-W3
	.59	5800		.47	.55	1.38	1.69	.55	1.06	1.06	103.6	15.73	
	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	80	6,26	FI-GE-18LM18x1.5-W3
	.71	5800		.43	.47	1.32	1.67	.55	1.06	1.26	59.2	13.77	
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	140	7,60	FI-GE-18LM-W3
	.71	5800		.55	.55	1.42	1.77	.57	1.06	1.26	103.6	16.72	
	18	250	M 26 x 1,5	15	16	38	47	14,5	32	32	190	10,88	FI-GE-18LM26x1.5-W3
	.71	3625		.59	.63	1.50	1.85	.57	1.26	1.26	140.6	23.94	
	22	250	M 22 x 1,5	14	14	38	47	16,5	32	36	140	9,10	FI-GE-22LM22x1.5-W3
	.87	3625		.55	.55	1.50	1.85	.65	1.26	1.42	103.6	20.02	
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	190	10,34	FI-GE-22LM-W3
	.87	3625		.71	.63	1.57	1.93	.65	1.26	1.42	140.6	22.74	
	28	250	M 33 x 2	23	18	43	52	17,5	41	41	340	17,13	FI-GE-28LM-W3
	1.10	3625		.91	.71	1.69	2.05	.69	1.61	1.61	251.6	37.69	
	35	250	M 42 x 2	30	20	48	59	17,5	50	50	500	27,85	FI-GE-35LM-W3
	1.38	3625		1.18	.79	1.89	2.32	.69	1.97	1.97	370.0	61.27	
	42	250	M 48 x 2	36	22	52	64	19	55	60	630	35,91	FI-GE-42LM-W3
	1,65	3625		1.42	.87	2.05	2.52	.75	2.17	2.36	466.2	79.00	

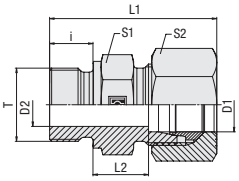
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

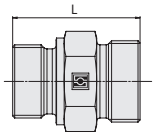
Male stud acc. to DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

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







C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N·m/ft·lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	6	630	M 12 x 1,5	4	12	32	40	13	17	17	35	2,99	FI-GE-06SM-W3
	.24	9135		.16	.47	1.26	1.57	.51	.67	.67	25.9	6.58	
	8	630	M 14 x 1,5	5	12	34	42	15	19	19	55	4,26	FI-GE-08SM-W3
	.31	9135		.20	.47	1.34	1.65	.59	.75	.75	40.7	9.37	
	10	630	M 16 x 1,5	7	12	34,5	43,5	15	22	22	70	5,46	FI-GE-10SM-W3
	.39	9135		.28	.47	1.36	1.71	.59	.87	.87	51.8	12.01	
	10	630	M 18 x 1,5	7	12	36,5	45,5	17	24	22	110	7,66	FI-GE-10SM18x1.5-W3
	.39	9135		.28	.47	1.44	1.79	.67	.94	.87	81.4	16.85	
	12	630	M 14 x 1,5	5	12	36	45	17	22	24	55	6,00	FI-GE-12SM14x1.5-W3
	.47	9135		.20	.47	1.42	1.77	.67	.87	.94	40.7	13.20	
	12	630	M 16 x 1,5	7	12	24,5	48	17	22	24	70	6,12	FI-GE-12SM16x1.5-W3
	.47	9135		.28	.47	.96	1.89	.67	.87	.94	51.8	13.47	
	12	630	M 18 x 1,5	8	12	36,5	45,5	17	24	24	110	7,19	FI-GE-12SM-W3
	.47	9135		.31	.47	1.44	1.79	.67	.94	.94	81.4	15.83	
	12	630	M 22 x 1,5	8	14	39	48	17,5	27	24	170	9,28	FI-GE-12SM22x1.5-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	125.8	20.42	
	14	630	M 20 x 1,5	10	14	41	51	19	27	27	150	9,49	FI-GE-14SM-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	111.0	20.88	
	16	630	M 18 x 1,5	8	12	38,5	48,5	18	27	30	110	7,82	FI-GE-16SM18x1.5-W3
	.63	9135		.31	.47	1.52	1.91	.71	1.06	1.18	81.4	17.20	
	16	630	M 22 x 1,5	12	14	41	51	18,5	27	30	170	9,75	FI-GE-16SM-W3
	.63	9135		.47	.55	1.61	2.01	.73	1.06	1.18	125.8	21.44	
	20	400	M 22 x 1,5	12	14	47	58	22,5	32	36	170	13,95	FI-GE-20SM22x1.5-W3
	.79	5800		.47	.55	1.85	2.28	.89	1.26	1.42	125.8	30.69	
	20	400	M 27 x 2	16	16	47	58	20,5	32	36	270	15,12	FI-GE-20SM-W3
	.79	5800		.63	.63	1.85	2.28	.81	1.26	1.42	199.8	33.22	
	25	400	M 33 x 2	20	18	53	65	23	41	46	410	26,71	FI-GE-25SM-W3
	.98	5800		.79	.71	2.09	2.56	.91	1.61	1.81	303.4	58.77	
	30	250	M 42 x 2	25	20	57	70	23,5	50	50	540	42,96	FI-GE-30SM-W3
	1.18	3625		.98	.79	2.24	2.76	.93	1.97	1.97	399.6	94.51	
	38	250	M 48 x 2	32	22	64	79	26	55	60	700	56,40	FI-GE-38SM-W3
	1.50	3625		1.26	.87	2.52	3.11	1.02	2.17	2.36	518.0	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.

Ordering Codes

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

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (page 42)	**L**
	Heavy Series (page 43)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* Material Code	Steel, zinc/nickel-plated	**-W3**
Please contact STAUFF for alternative materials and surface finishings.		
* Assembling / Kitting	Fitting body only	**—**
	Fitting body supplied with cutting ring and union nut	**-MS**
	Fitting body supplied with soft-sealing cutting ring and union nut	**-MSV**

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

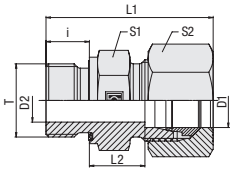

STAUFF Form Ring
Type **FI-AR** Page 30

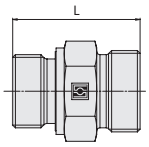

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

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	Light Series (pages 44/45)	L
	Heavy Series (pages 46/47)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 206

Whitworth Parallel Pipe Thread (BSPP) — Profile Sealing Ring

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[2]	Ordering Codes[3]
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	400	G 3/8	8	12	31,5	39,5	12,5	22	19	70	4,15	FI-GE-10LR3/8-WD-B-W3
	.39	5800		.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	
	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	250	G 3/4	15	16	38	47	14,5	32	32	180	10,89	FI-GE-18LR3/4-WD-B-W3
	.71	3625		.59	.63	1.50	1.85	.57	1.26	1.26	133.2	23.96	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

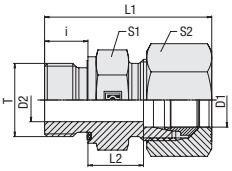
Standard seal material is NBR (Buna-N®).

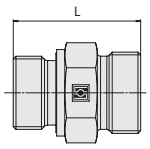
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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 (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
L	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	
	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	24	18	43	52	17,5	41	41	310	15,83	FI-GE-28LR-WD-B-W3
	1.10	3625		.94	.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.

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 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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	Light Series (pages 44/45)	L
	Heavy Series (pages 46/47)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31

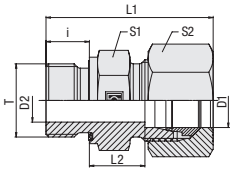

37° Flared Tube Fitting Set
Type **FI-AB** Page 35

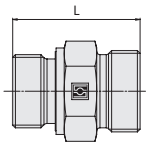
Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 206

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







C

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	Light Series (pages 44/45)	L
	Heavy Series (pages 46/47)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 206

Whitworth Parallel Pipe Thread (BSPP) — Profile Sealing Ring

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[2]	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	400	G 1	12	18	49	59	22,5	41	30	310	25,20	FI-GE-16SR1-WD-B-W3
	.63	5800		.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.

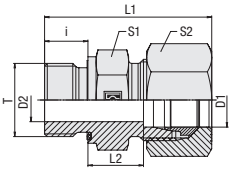
Standard seal material is NBR (Buna-N®).

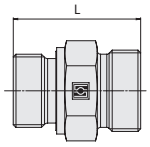
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	20	400	G 1/2	12	14	45	56	2.5	32	36	115	13,76	FI-GE-20SR1/2-WD-B-W3
	.79	5800		.47	.55	1.77	2.20	.81	1.26	1.42	85.1	30.28	
	20	400	G 3/4	16	16	47	58	2.5	32	36	180	14,86	FI-GE-20SR-WD-B-W3
	.79	5800		.63	.63	1.85	2.28	.81	1.26	1.42	133.2	32.70	
	20	400	G 1	16	18	51	62	22,5	41	36	310	21,90	FI-GE-20SR1-WD-B-W3
	.79	5800		.63	.71	2.01	2.44	.89	1.61	1.42	229.4	48.19	
	20	400	G 1 1/4	16	20	53	64	22,5	50	36	450	13,50	FI-GE-20SR1-1/4-WD-B-W3
	.79	5800		.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	400	G 3/4	16	16	51	63	23	41	46	180	20,33	FI-GE-25SR3/4-WD-B-W3
	.98	5800		.63	.63	2.01	2.48	.91	1.61	1.81	133.2	44.73	
	25	400	G 1	20	18	53	65	23	41	46	310	26,75	FI-GE-25SR-WD-B-W3
	.98	5800		.79	.71	2.09	2.56	.91	1.61	1.81	229.4	58.84	
	25	400	G 1 1/4	20	20	55	67	23	50	46	450	23,28	FI-GE-25SR1-1/4-WD-B-W3
	.98	5800		.79	.79	2.17	2.64	.91	1.97	1.81	333.0	51.22	
	30	400	G 3/4	16	16	53	66	23,5	46	50	180	31,16	FI-GE-30SR3/4-WD-B-W3
	1.18	5800		.63	.63	2.09	2.60	.93	1.81	1.97	133.2	68.56	
	30	400	G 1	20	18	55	68	23,5	46	50	310	33,20	FI-GE-30SR1-WD-B-W3
	1.18	5800		.79	.71	2.17	2.68	.93	1.81	1.97	229.4	73.04	
	30	400	G 1 1/4	25	20	57	70	23,5	50	50	450	41,74	FI-GE-30SR-WD-B-W3
	1.18	5800		.98	.79	2.24	2.76	.93	1.97	1.97	333.0	91.82	
	30	400	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	5800		.98	.87	2.44	2.95	1.04	2.17	1.97	399.6	119.46	
	38	400	G 1	20	18	60	75	26	55	50	310	52,00	FI-GE-38SR1-WD-B-W3
	1.50	5800		.79	.71	2.36	2.95	1.02	2.17	1.97	229.4	114.40	
	38	400	G 1 1/4	25	20	62	77	26	55	60	450	57,22	FI-GE-38SR1-1/4-WD-B-W3
	1.50	5800		.98	.79	2.44	3.03	1.02	2.17	2.36	333.0	125.88	
	38	400	G 1 1/2	32	22	64	79	26	55	60	540	55,90	FI-GE-38SR-WD-B-W3
	1.50	5800		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.

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 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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	Light Series (pages 44/45)	L
	Heavy Series (pages 46/47)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31

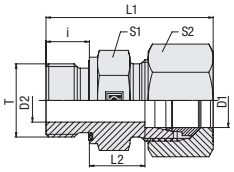

37° Flared Tube Fitting Set
Type **FI-AB** Page 35

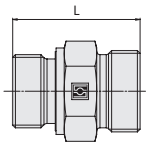
Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 206

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







C

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 (page 48)	L
	Heavy Series (page 49)	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 26


Soft-Sealing Cutting Ring Type **FI-WDDS** Page 27


Support Sleeve Type **FI-VH** Page 28


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


Union Nut Type **FI-M** Page 31


37° Flared Tube Fitting Set Type **FI-AB** Page 35

Spare Parts / Accessories


Profile Sealing Ring Type **WDG** Page 206

Metric Parallel Thread — Profile Sealing Ring

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[2]	Ordering Codes[3]
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		.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		.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		.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		.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		.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		.24	.47	1.18	1.50	.43	.87	.67	40.7	8.91	
	10	400	M 12 x 1,5	6	12	30	38	11	17	19	25	2,38	FI-GE-10LM12x1.5-WD-B-W3
	.39	5800		.24	.47	1.18	1.50	.43	.67	.75	18.5	5.23	
	10	400	M 14 x 1,5	7	12	30	38	11	19	19	45	2,88	FI-GE-10LM-WD-B-W3
	.39	5800		.28	.47	1.18	1.50	.43	.75	.75	33.3	6.33	
	10	400	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	5800		.31	.47	1.24	1.56	.49	.87	.75	40.7	8.91	
	10	400	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	70	4,94	FI-GE-10LM18x1.5-WD-B-W3
	.39	5800		.31	.47	1.24	1.56	.49	.94	.75	51.8	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		.31	.55	1.34	1.65	.51	1.06	.75	92.5	16.19	
	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		.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		.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		.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	70	4,90	FI-GE-12LM18x1.5-WD-B-W3
	.47	5800		.39	.47	1.24	1.56	.49	.94	.87	51.8	10.78	
	12	400	M 22 x 1,5	10	14	34	42	13	27	22	125	6,96	FI-GE-12LM22x1.5-WD-B-W3
	.47	5800		.39	.55	1.34	1.65	.51	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		.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	70	5,05	FI-GE-15LM-WD-B-W3
	.59	5800		.43	.47	1.28	1.59	.53	.94	1.06	51.8	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		.47	.55	1.38	1.69	.55	1.06	1.06	92.5	15.73	
	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	
	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	
	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	
	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 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.

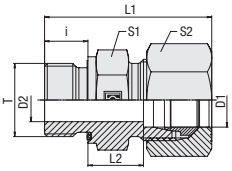
Standard seal material is NBR (Buna-N®).

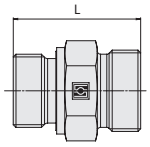
Male stud acc. to ISO 9974-2 (Type E)
Port acc. to ISO 9974-1

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.

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







C

Profile Sealing Ring

Metric Parallel Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
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 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	630	M 14 x 1,5	5	12	36	45	16,5	22	24	55	6,00	FI-GE-12SM14x1.5-WD-B-W3
	.47	9135		.20	.47	1.42	1.77	.65	.87	.94	40.7	13.20	
	12	630	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	9135		.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	
	20	400	M 27 x 2	16	16	47	58	20,5	32	36	180	15,10	FI-GE-20SM-WD-B-W3
	.79	5800		.63	.63	1.85	2.28	.81	1.26	1.42	133.2	33.22	
	25	400	M 33 x 2	20	18	53	65	23	41	46	310	26,43	FI-GE-25SM-WD-B-W3
	.98	5800		.79	.71	2.09	2.56	.91	1.61	1.81	229.4	58.15	
	30	400	M 42 x 2	25	20	57	70	23,5	50	50	450	41,84	FI-GE-30SM-WD-B-W3
	1.18	5800		.98	.79	2.24	2.76	.93	1.97	1.97	333.0	92.06	
	38	400	M 48 x 2	32	22	64	79	26	55	60	540	57,00	FI-GE-38SM-WD-B-W3
	1.50	5800		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 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 9974-2 (Type E)
Port acc. to ISO 9974-1

Torque recommendations for Steel mating material.

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 (page 48)	L
	Heavy Series (page 49)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31

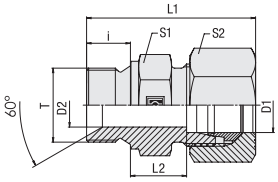

37° Flared Tube Fitting Set
Type **FI-AB** Page 35

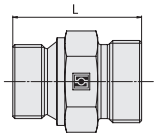
Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 206

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







C

Whitworth Parallel Pipe Thread (BSPP)

60° Conical Bore / Sealing Surface for Gaskets

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 50)	**L**
	Heavy Series (page 51)	**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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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.

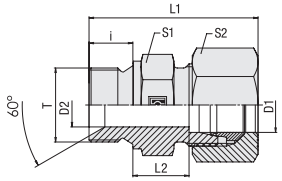
Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N·m/ft·lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
L	6	500	G 1/8	3,5	8	23,5	31,5	8,5	14	14	20	1,38	FI-GE-06LR-DF-W3
	.24	7250		.14	.31	.93	1.24	.33	.55	.55	14.8	3.04	
	6	500	G 1/4	4	12	29	36	10	19	14	50	2,75	FI-GE-06LR1/4-DF-W3
	.24	7250		.16	.47	1.14	1.42	.39	.75	.55	37.0	6.05	
	6	500	G 3/8	7,9	12	30,5	38	11	22	14	80	3,94	FI-GE-06LR3/8-DF-W3
	.24	7250		.31	.47	1.20	1.50	.43	.87	.55	59.2	8.68	
	8	500	G 1/8	3,5	8	24,5	32	10	14	17	20	1,71	FI-GE-08LR1/8-DF-W3
	.31	7250		.14	.31	.96	1.26	.39	.55	.67	14.8	3.76	
	8	500	G 1/4	4,7	12	29	37	10	19	17	50	2,87	FI-GE-08LR-DF-W3
	.31	7250		.19	.47	1.14	1.46	.39	.75	.67	37.0	6.31	
	8	500	G 3/8	6	12	30,5	38	11	22	17	80	4,28	FI-GE-08LR3/8-DF-W3
	.31	7250		.24	.47	1.20	1.50	.43	.87	.67	59.2	9.41	
	10	500	G 1/4	4,7	12	30	38	11	19	19	80	2,82	FI-GE-10LR-DF-W3
	.39	7250		.19	.47	1.18	1.50	.43	.75	.75	59.2	6.21	
	10	500	G 3/8	7,9	12	31,5	39	12,5	22	19	80	4,18	FI-GE-10LR3/8-DF-W3
	.39	7250		.31	.47	1.24	1.54	.49	.87	.75	59.2	9.19	
	10	500	G 1/2	11,1	14	34	41	13	27	19	140	6,28	FI-GE-10LR1/2-DF-W3
	.39	7250		.44	.55	1.34	1.61	.51	1.06	.75	103.6	13.81	
	12	400	G 1/4	4,7	12	31	39	12	19	22	50	3,30	FI-GE-12LR1/4-DF-W3
	.47	5800		.19	.47	1.22	1.54	.47	.75	.87	37.0	7.26	
	12	400	G 3/8	7,9	12	31,5	39,5	12,5	22	22	80	4,39	FI-GE-12LR-DF-W3
	.47	5800		.31	.47	1.24	1.56	.49	.87	.87	59.2	9.66	
	12	400	G 1/2	10	14	34	42	13	27	22	140	6,47	FI-GE-12LR1/2-DF-W3
	.47	5800		.39	.55	1.34	1.65	.51	1.06	.87	103.6	14.23	
	15	400	G 3/8	7,9	12	32,5	40	13,5	24	27	80	5,18	FI-GE-15LR3/8-DF-W3
	.59	5800		.31	.47	1.28	1.57	.53	.94	1.06	59.2	11.39	
	15	400	G 1/2	11,1	14	35	40,5	14	27	27	140	6,98	FI-GE-15LR-DF-W3
	.59	5800		.44	.55	1.38	1.59	.55	1.06	1.06	103.6	15.35	
	18	400	G 3/8	7,9	12	33,5	41	14	27	32	80	4,90	FI-GE-18LR3/8-DF-W3
	.71	5800		.31	.47	1.32	1.61	.55	1.06	1.26	59.2	10.78	
	18	400	G 1/2	11,1	14	35	45	13,5	27	32	140	5,35	FI-GE-18LR-DF-W3
	.71	5800		.44	.55	1.38	1.77	.53	1.06	1.26	103.6	11.77	
	18	400	G 3/4	15	16	38	47	14,5	32	32	190	10,79	FI-GE-18LR3/4-DF-W3
	.71	5800		.59	.63	1.50	1.85	.57	1.26	1.26	140.6	23.74	
	22	250	G 1/2	11,1	14	38	47	16,5	32	36	140	9,53	FI-GE-22LR1/2-DF-W3
	.87	3625		.44	.55	1.50	1.85	.65	1.26	1.42	103.6	20.96	
	22	250	G 3/4	16,7	16	40	49	16,5	32	36	190	9,94	FI-GE-22LR-DF-W3
	.87	3625		.66	.63	1.57	1.93	.65	1.26	1.42	140.6	21.88	
	22	250	G 1	22,2	18	43	51	17,5	41	36	330	16,58	FI-GE-22LR1-DF-W3
	.87	3625		.87	.71	1.69	2.01	.69	1.61	1.42	244.2	36.48	
	28	250	G 1/2	11,1	14	39	48	17,5	41	41	140	13,58	FI-GE-28LR1/2-DF-W3
	1.10	3625		.44	.55	1.54	1.89	.69	1.61	1.61	103.6	29.88	
	28	250	G 3/4	16,7	16	41	50	17,5	41	41	190	15,87	FI-GE-28LR3/4-DF-W3
	1.10	3625		.66	.63	1.61	1.97	.69	1.61	1.61	140.6	34.91	
	28	250	G 1	22,2	18	43	52	17,5	41	41	330	17,46	FI-GE-28LR-DF-W3
	1.10	3625		.87	.71	1.69	2.05	.69	1.61	1.61	244.2	38.41	
	28	250	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	3625		1.13	.79	1.89	2.24	.81	1.97	1.61	399.6	44.09	
	35	250	G 1	22,2	18	46	57	17,5	50	50	330	24,26	FI-GE-35LR1-DF-W3
	1.38	3625		.87	.71	1.81	2.24	.69	1.97	1.97	244.2	53.37	
	35	250	G 1 1/4	28,6	20	48	59	17,5	50	50	540	28,81	FI-GE-35LR-DF-W3
	1.38	3625		1.13	.79	1.89	2.32	.69	1.97	1.97	399.6	63.37	
	42	250	G 1 1/4	28,6	20	50	62	19	55	60	540	33,91	FI-GE-42LR1-1/4-DF-W3
	1.65	3625		1.13	.79	1.97	2.44	.75	2.17	2.36	399.6	74.59	
	42	250	G 1 1/2	33,3	22	52	64	19	55	60	630	36,75	FI-GE-42LR-DF-W3
	1.65	3625		1.31	.87	2.05	2.52	.75	2.17	2.36	466.2	80.85	

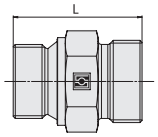
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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.

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







C

60° Conical Bore / Sealing Surface for Gaskets — Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	6	800	G 1/8	3,5	8	27,5	35	12,5	14	17		2,09	FI-GE-06SR1/8-DF-W3
	.24	11600		.14	.31	1.08	1.38	.49	.55	.67		4.59	
	6	800	G 1/4	4	12	32	40	13	19	17	60	3,48	FI-GE-06SR-DF-W3
	.24	11600		.16	.47	1.26	1.57	.51	.75	.67	44.4	7.66	
	6	800	G 3/8	7,9	12	34,5	42	15,5	22	17	100	4,63	FI-GE-06SR3/8-DF-W3
	.24	11600		.31	.47	1.36	1.65	.61	.87	.67	74.0	10.18	
	6	800	G 1/2	11,1	14	35	43	14	27	17	160	6,22	FI-GE-06SR1/2-DF-W3
	.24	11600		.44	.55	1.38	1.69	.55	1.06	.67	118.4	13.68	
	8	800	G 1/8	3,5	8	27,5	35	12,5	14	17		2,71	FI-GE-08SR1/8-DF-W3
	.31	11600		.14	.31	1.08	1.38	.49	.55	.67		5.97	
	8	800	G 1/4	4,7	12	34	42	15	19	19	60	4,10	FI-GE-08SR-DF-W3
	.31	11600		.19	.47	1.34	1.65	.59	.75	.75	44.4	9.01	
	8	800	G 3/8	7,9	12	34,5	42	15,5	22	19	100	5,25	FI-GE-08SR3/8-DF-W3
	.31	11600		.31	.47	1.36	1.65	.61	.87	.75	74.0	11.56	
	8	800	G 1/2	11,1	14	39	47	18	27	19	160	8,47	FI-GE-08SR1/2-DF-W3
	.31	11600		.44	.55	1.54	1.85	.71	1.06	.75	118.4	18.63	
	10	800	G 1/4	4,7	12	34	42	14,5	19	22	60	4,33	FI-GE-10SR1/4-DF-W3
	.39	11600		.19	.47	1.34	1.65	.57	.75	.87	44.4	9.52	
	10	800	G 3/8	7	12	34,5	43,5	15	22	22	100	5,46	FI-GE-10SR-DF-W3
	.39	11600		.28	.47	1.36	1.71	.59	.87	.87	74.0	12.01	
	10	800	G 1/2	11,1	14	35	43	13,5	27	22	160	6,76	FI-GE-10SR1/2-DF-W3
	.39	11600		.44	.55	1.38	1.69	.53	1.06	.87	118.4	14.87	
	12	630	G 1/4	4,7	12	36	44	16,5	22	24	60	5,70	FI-GE-12SR1/4-DF-W3
	.47	9135		.19	.47	1.42	1.73	.65	.87	.94	44.4	12.53	
	12	630	G 3/8	7,9	12	36,5	45,5	17	22	24	100	6,17	FI-GE-12SR-DF-W3
	.47	9135		.31	.47	1.44	1.79	.67	.87	.94	74.0	13.57	
	12	630	G 1/2	11,1	14	39	48	17,5	27	24	160	8,75	FI-GE-12SR1/2-DF-W3
	.47	9135		.44	.55	1.54	1.89	.69	1.06	.94	118.4	19.25	
	12	630	G 3/4	16,7	16	43	51	19,5	32	24	280	12,90	FI-GE-12SR3/4-DF-W3
	.47	9135		.66	.63	1.69	2.01	.77	1.26	.94	207.2	28.37	
	14	630	G 1/2	10	14	41	51	19	27	27	160	9,56	FI-GE-14SR-DF-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	118.4	21.03	
	16	630	G 3/8	7,9	12	38,5	48	18	27	30	100	6,82	FI-GE-16SR3/8-DF-W3
	.63	9135		.31	.47	1.52	1.89	.71	1.06	1.18	74.0	15.01	
	16	630	G 1/2	11,1	14	41	51	18,5	27	30	160	9,05	FI-GE-16SR-DF-W3
	.63	9135		.44	.55	1.61	2.01	.73	1.06	1.18	118.4	19.92	
	16	630	G 3/4	16,7	16	45	55	20,5	32	30	280	13,31	FI-GE-16SR3/4-DF-W3
	.63	9135		.66	.63	1.77	2.17	.81	1.26	1.18	207.2	29.27	
	20	420	G 1/2	11,1	14	45	54	20,5	32	36	160	13,74	FI-GE-20SR1/2-DF-W3
	.79	6090		.44	.55	1.77	2.13	.81	1.26	1.42	118.4	30.22	
	20	420	G 3/4	16	16	47	58	20,5	32	36	280	14,90	FI-GE-20SR-DF-W3
	.79	6090		.63	.63	1.85	2.28	.81	1.26	1.42	207.2	32.77	
	20	420	G 1	22,2	18	51	62	22,5	41	36	440	23,12	FI-GE-20SR1-DF-W3
	.79	6090		.87	.71	2.01	2.44	.89	1.61	1.42	325.6	50.86	
	25	420	G 1/2	11,1	14	49	56	23	41	46	160	23,68	FI-GE-25SR1/2-DF-W3
	.98	6090		.44	.55	1.93	2.20	.91	1.61	1.81	118.4	52.10	
	25	420	G 3/4	16,7	16	51	63	23	41	46	280	23,73	FI-GE-25SR3/4-DF-W3
	.98	6090		.66	.63	2.01	2.48	.91	1.61	1.81	207.2	52.21	
	25	420	G 1	20	18	53	65	23	41	46	440	20,71	FI-GE-25SR-DF-W3
	.98	6090		.79	.71	2.09	2.56	.91	1.61	1.81	325.6	45.55	
	30	420	G 3/4	16,7	16	53	66	23,5	50	50	160	33,85	FI-GE-30SR3/4-DF-W3
	1.18	6090		.66	.63	2.09	2.60	.93	1.97	1.97	118.4	74.47	
	30	420	G 1	22,2	18	55	68	23,5	46	50	440	32,20	FI-GE-30SR1-DF-W3
	1.18	6090		.87	.71	2.17	2.68	.93	1.81	1.97	325.6	70.84	
	30	420	G 1 1/4	25	20	57	70	23,5	50	50	580	40,27	FI-GE-30SR-DF-W3
	1.18	6090		.98	.79	2.24	2.76	.93	1.97	1.97	429.2	88.59	
	38	420	G 1	22,2	18	60	73	26	55	60	440	47,79	FI-GE-38SR1-DF-W3
	1.50	6090		.87	.71	2.36	2.87	1.02	2.17	2.36	325.6	105.13	
	38	420	G 1 1/4	38,6	20	62	77	26	55	60	580	51,40	FI-GE-38SR1-1/4-DF-W3
	1.50	6090		1.52	.79	2.44	3.03	1.02	2.17	2.36	429.2	113.08	
	38	420	G 1 1/2	32	22	64	79	26	55	60	700	54,70	FI-GE-38SR-DF-W3
	1,50	6090		1.26	.87	2.52	3.11	1.02	2.17	2.36	518.0	120.34	

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 50)	L
	Heavy Series (page 51)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31

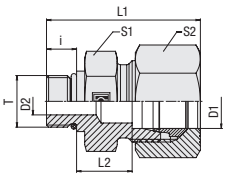

37° Flared Tube Fitting Set
Type **FI-AB** Page 35

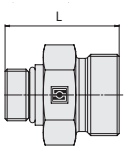
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.
Male stud acc. to DIN 3852-2 (Form A)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1
Torque recommendations for Steel mating material.

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.

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







C

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	L
	Heavy Series	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


O-Ring
Type **O-RING** Page 207

Metric Parallel Thread — O-Ring

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[2]	Ordering Codes[3]
L	6	400	M 10 x 1	4	8,5	25	33	9,5	14	14	15	1,53	FI-GE-06LM-OR-B-W3
	.24	5800		.16	.33	.98	1.30	.37	.55	.55	11.1	3.36	
	8	400	M 12 x 1,5	6	11	28	36	10	17	17	25	2,16	FI-GE-08LM-OR-B-W3
	.31	5800		.24	.43	1.10	1.42	.39	.67	.67	18.5	4.75	
	10	400	M 14 x 1,5	7,5	11	29	37	11	19	19	35	2,87	FI-GE-10LM-OR-B-W3
	.39	5800		.30	.43	1.14	1.46	.43	.75	.75	25.9	6.31	
	12	400	M 16 x 1,5	9	11,5	31	39	12,5	22	22	40	4,10	FI-GE-12LM-OR-B-W3
	.47	5800		.35	.45	1.22	1.54	.49	.87	.87	29.6	9.01	
	15	400	M 18 x 1,5	11	12,5	33	41	13,5	24	27	45	5,32	FI-GE-15LM-OR-B-W3
	.59	5800		.43	.49	1.30	1.61	.53	.94	1.06	33.3	11.71	
	18	400	M 22 x 1,5	14	13	35	44	14,5	27	32	60	7,55	FI-GE-18LM-OR-B-W3
	.71	5800		.55	.51	1.38	1.73	.57	1.06	1.26	44.4	16.60	
	22	250	M 27 x 2	18	16	40	49	16,5	32	36	100	10,79	FI-GE-22LM27x2-OR-B-W3
	.87	3625		.71	.63	1.57	1.93	.65	1.26	1.42	74.0	23.73	
	28	250	M 33 x 2	23	16	41	50	17,5	41	41	160	16,73	FI-GE-28LM-OR-B-W3
	1.10	3625		.91	.63	1.61	1.97	.69	1.61	1.61	118.4	36.81	
	35	250	M 42 x 2	30	16	44	55	17,5	50	50	210	26,66	FI-GE-35LM-OR-B-W3
	1.38	3625		1.18	.63	1.73	2.17	.69	1.97	1.97	155.4	58.66	
	42	250	M 48 x 2	36	17,5	47,5	59,5	19	55	60	260	33,79	FI-GE-42LM-OR-B-W3
	1.65	3625		1.42	.69	1.87	2.34	.75	2.17	2.36	192.4	74.34	
S	6	630	M 12 x 1,5	4	11	31	39	13	17	17	35	2,93	FI-GE-06SM-OR-B-W3
	.24	9135		.16	.43	1.22	1.54	.51	.67	.67	25.9	6.44	
	8	630	M 14 x 1,5	5	11	33	41	15	19	19	40	4,22	FI-GE-08SM-OR-B-W3
	.31	9135		.20	.43	1.30	1.61	.59	.75	.75	29.6	9.28	
	10	630	M 16 x 1,5	7	12,5	35	44	15	22	22	55	6,11	FI-GE-10SM-OR-B-W3
	.39	9135		.28	.49	1.38	1.73	.59	.87	.87	40.7	13.43	
	12	630	M 18 x 1,5	8	14	38,5	47,5	17	24	24	70	3,41	FI-GE-12SM-OR-B-W3
	.47	9135		.31	.55	1.52	1.87	.67	.94	.94	51.8	7.51	
	16	630	M 22 x 1,5	12	15	42	52	18,5	27	30	100	6,37	FI-GE-16SM-OR-B-W3
	.63	9135		.47	.59	1.65	2.05	.73	1.06	1.18	74.0	14.01	
	20	400	M 27 x 2	15	18,5	49,5	60,5	20,5	32	36	170	16,88	FI-GE-20SM-OR-B-W3
	.79	5800		.59	.73	1.95	2.38	.81	1.26	1.42	125.8	37.13	
	25	400	M 33 x 2	20	18,5	53,5	65,5	23	41	46	310	27,42	FI-GE-25SM-OR-B-W3
	.98	5800		.79	.73	2.11	2.58	.91	1.61	1.81	229.4	60.33	
	30	400	M 42 x 2	25	19	56	69	23,5	50	50	330	42,45	FI-GE-30SM-OR-B-W3
	1.18	5800		.98	.75	2.20	2.72	.93	1.97	1.97	244.2	93.39	
	38	400	M 48 x 2	32	21,5	63,5	78,5	26	55	60	420	58,60	FI-GE-38SM-OR-B-W3
	1.50	5800		1.26	.85	2.50	3.09	1.02	2.17	2.36	310.8	128.92	

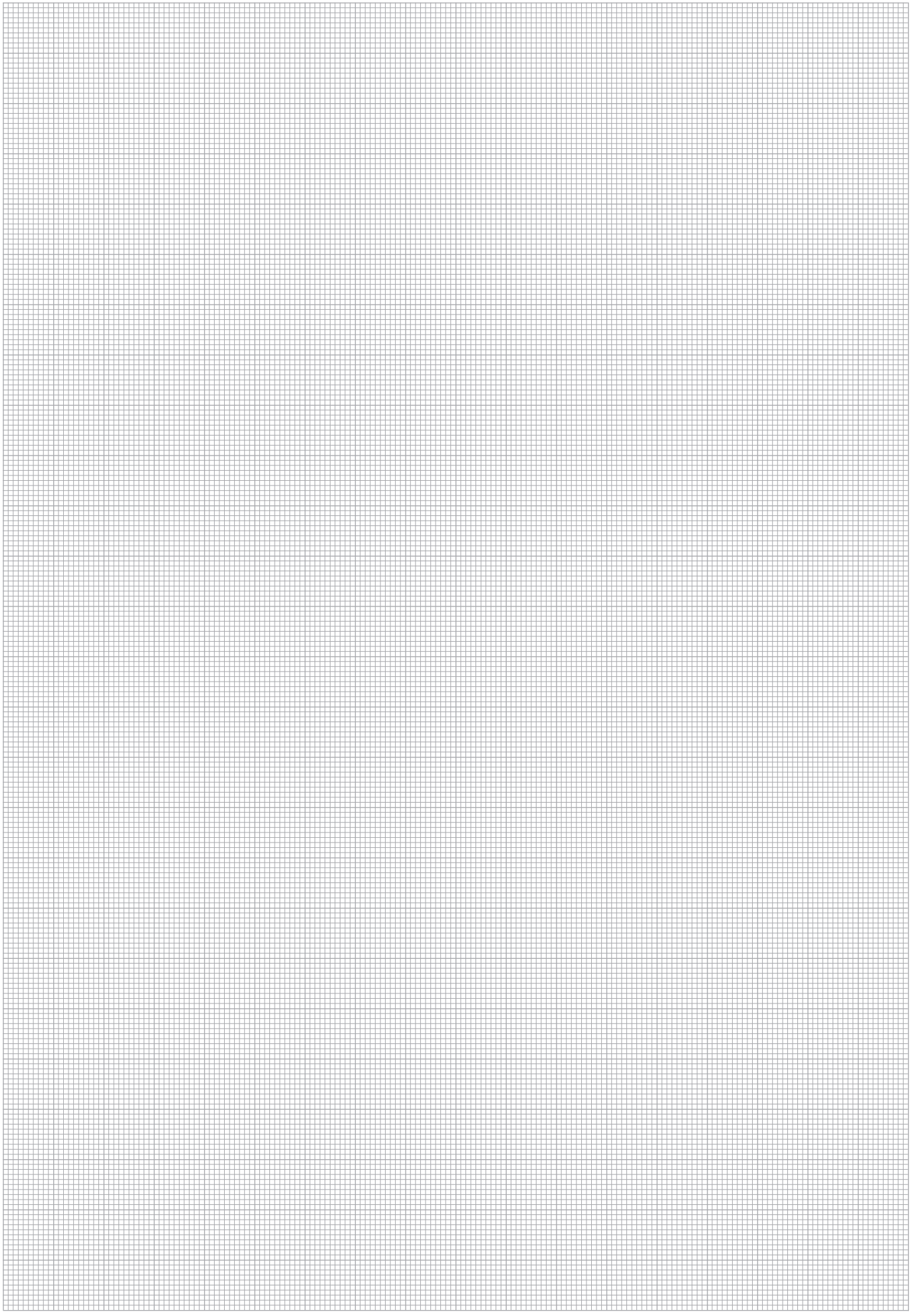
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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.

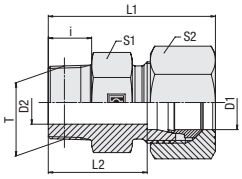
Male stud acc. to ISO 6149-2/-3
Port acc. to ISO 6149-1

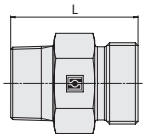
Torque recommendations for Steel mating material.



Straight Male Stud Fitting
Type FI-GE-...-Rk ▪ Series LL / L







C

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 54)	LL
	Light Series (page 54)	L
	Heavy Series (page 55)	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 26



Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27



Support Sleeve
Type **FI-VH** Page 28



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



Union Nut
Type **FI-M** Page 31



37° Flared Tube Fitting Set
Type **FI-AB** Page 35

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

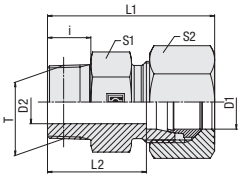
Male stud acc. to DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)
Suitable liquid / plastic sealant required.

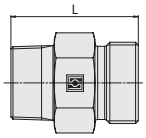
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD (mm/in) D1	PN (PB) (bar/PSI)	Dimensions (mm/in) Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
LL	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	
	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	
L	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	
	22	PB160	R 1/2 keg.	12	14	38	47	30,5	32	36	10,20	FI-GE-22LR1/2k-W3
	.87	PB2320		.47	.55	1.50	1.85	1.20	1.26	1.42	22.43	
	22	PB160	R 3/4 keg.	17	17	37	46	29,5	32	36	8,91	FI-GE-22LRk-W3
	.87	PB2320		.67	.67	1.46	1.81	1.16	1.26	1.42	19.61	
	28	PB160	R 3/4 keg.	18	16	38	47	31,5	41	41	14,59	FI-GE-28LR3/4k-W3
	1.10	PB2320		.71	.63	1.50	1.85	1.24	1.61	1.61	32.10	
	28	PB160	R 1 keg.	23	18	42	51	34,5	41	41	16,49	FI-GE-28LRk-W3
	1.10	PB2320		.91	.71	1.65	2.01	1.36	1.61	1.61	36.28	
	35	PB160	R 1 1/4 keg.	30	20	45	56	34,5	46	50	23,73	FI-GE-35LRk-W3
	1.38	PB2320		1.18	.79	1.77	2.20	1.36	1.81	1.97	52.21	
	42	PB160	R 1 1/2 keg.	36	22	49	61	38	55	60	33,09	FI-GE-42LRk-W3
	1.65	PB2320		1.42	.87	1.93	2.40	1.50	2.17	2.36	72.81	

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







Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD (mm/in)	PB (bar/PSI)	Dimensions (mm/in)								Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	per 100[2]	
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 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 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	

[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.

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 54)	LL
	Light Series (page 54)	L
	Heavy Series (page 55)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

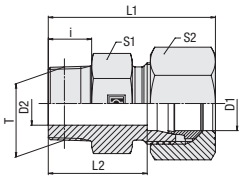

STAUFF Form Ring
Type **FI-AR** Page 30

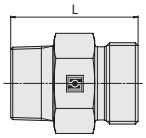

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Straight Male Stud Fitting
Type FI-GE-...-Mk ▪ Series LL / L







C

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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Metric Taper Thread

Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
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	2,12	FI-GE-06LMk-W3
	.24	4568		.16	.31	.91	1.22	.63	.55	.55	4.67	
	6	315	M 12 x 1,5 keg.	4	12	27	35	20	14	14	2,26	FI-GE-06LM12x1.5k-W3
	.24	4568		.16	.47	1.06	1.38	.79	.55	.55	4.98	
	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	

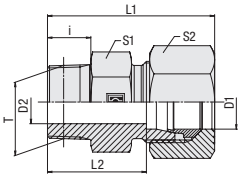
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

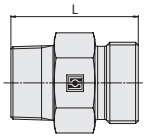
Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

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.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	per 100[2]	
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
	.31	1450		.20	.39	.94	1.18	.73	.47	.55	2.55	
L	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	15,5	33	41	26	24	27	4,72	FI-GE-15L1/4N-W3
	.59	4568		.28	.61	1.30	1.61	1.02	.94	1.06	10.38	
	15	315	3/8 NPT	11	15,5	38	46	31	24	27	5,12	FI-GE-15L3/8N-W3
	.59	4568		.43	.61	1.50	1.81	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 57)	LL
	Light Series (pages 57/58)	L
	Heavy Series (page 59)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

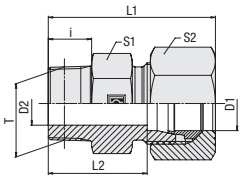

STAUFF Form Ring
Type **FI-AR** Page 30

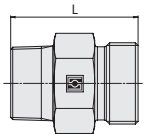

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

NPT Thread

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 57)	**LL**
	Light Series (pages 57/58)	**L**
	Heavy Series (page 59)	**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**

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

[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.

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27

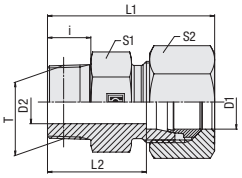

Support Sleeve
Type **FI-VH** Page 28

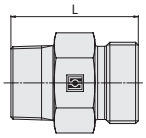

STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

NPT Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	per 100[2]	
S	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	
	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	15,5	37	46	29,5	22	24	4,84	FI-GE-12S1/4N-W3
	.47	9135		.20	.61	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	
	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	
	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	22	48	59	37,5	32	36	15,05	FI-GE-20S3/4N-W3
	.79	5800		.63	.87	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	25	57	59	45	41	46	30,60	FI-GE-25S1/2N-W3
	.98	5800		.79	.98	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	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 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	

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 57)	LL
	Light Series (pages 57/58)	L
	Heavy Series (page 59)	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

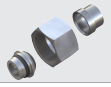

Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

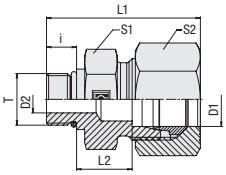
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

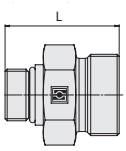
Male stud acc. to ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983
Suitable liquid / plastic sealant required.

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







C

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 (page 60)	L
	Heavy Series (page 61)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


O-Ring
Type **O-RING** Page 207

Series	Tube OD ($^{mm}/_{in}$) D1	PN ($^{bar}/_{PSI}$)	Dimensions ($^{mm}/_{in}$) Thread T	D2	i	L	L1[1]	L2	S1	S2	Torque ($^{N\cdot m}/_{ft\cdot lb}$) Thread T	Weight ($^{kg}/_{lbs}$) ca. per 100[2]	Ordering Codes[3]
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	22.2	5.44	
	8	400	7/16-20 UNF	6	9	26	34	10	17	17	18	2,18	FI-GE-08L7/16U-B-W3
	.31	5800		.24	.35	1.02	1.34	.39	.67	.67	13.3	4.79	
	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	22.2	6.06	
	10	400	7/16-20 UNF	4	9	27	35	11	17	19	18	2,17	FI-GE-10L7/16U-B-W3
	.39	5800		.16	.35	1.06	1.38	.43	.67	.75	13.3	4.78	
	10	400	9/16-18 UNF	7	10	28	36	11	19	19	30	2,70	FI-GE-10L9/16U-B-W3
	.39	5800		.28	.39	1.10	1.42	.43	.75	.75	22.2	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	9/16-18 UNF	7	10	28	36	11	19	22	30	3,00	FI-GE-12L9/16U-B-W3
	.47	5800		.28	.39	1.10	1.42	.43	.75	.87	22.2	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	3/4-16 UNF	11	11	32	40	14	24	27	50	2,40	FI-GE-15L3/4U-B-W3
	.59	5800		.43	.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	
	18	400	3/4-16 UNF	11	11	33	42	14,5	27	32	50	6,86	FI-GE-18L3/4U-B-W3
	.71	5800		.43	.43	1.30	1.65	.57	1.06	1.26	37.0	15.09	
	18	400	7/8-14 UNF	14	12,7	34,7	43,7	14,5	27	32	60	7,36	FI-GE-18L7/8U-B-W3
	.71	5800		.55	.50	1.37	1.72	.57	1.06	1.26	44.4	16.19	
	22	250	7/8-14 UNF	14	12,7	37	46	16,8	32	36	60	9,44	FI-GE-22L7/8U-B-W3
	.87	3625		.55	.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	24	12,7	37,7	45,7	17,5	41	41	60	14,09	FI-GE-28L7/8U-B-W3
	1.10	3625		.94	.50	1.48	1.80	.69	1.61	1.61	44.4	31.01	
	28	250	1 1/16-12 UN	18	15	40	49	17,5	41	41	95	15.30	FI-GE-28L1-1/16U-B-W3
	1.10	3625		.71	.59	1.57	1.93	.69	1.61	1.61	70.3	33.66	
	28	250	1 5/16-12 UN	19	15	40	49	17,5	41	41	150	17.20	FI-GE-28L1-5/16U-B-W3
	1.10	3625		.75	.59	1.57	1.93	.69	1.61	1.61	111.0	38.84	
	35	250	1 5/16-12 UN	22	15	43	54	17,5	46	50	150	22,80	FI-GE-35L1-5/16U-B-W3
	1.38	3625		.87	.59	1.69	2.13	.69	1.81	1.97	111.0	50.16	
	35	250	1 5/8-12 UN	30	15	43	54	17,5	50	50	200	28,00	FI-GE-35L1-5/8U-B-W3
	1.38	3625		1.18	.59	1.69	2.13	.69	1.97	1.97	148.0	61.60	
	42	250	1 5/8-12 UN	30	15	45	57	19	55	60	200	35,36	FI-GE-42L1-5/8U-B-W3
	1.65	3625		1.18	.59	1.77	2.24	.75	2.17	2.36	148.0	77.79	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

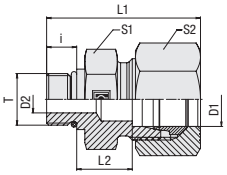
Standard seal material is NBR (Buna-N®).

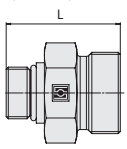
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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







C

O-Ring UN/UNF Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)								Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	i	L	L1[1]	L2	S1	S2	Thread T	per 100[2]	
S	8	630	7/16-20 UNF	4,5	11	29	38	13	17	19	20	2,65	FI-GE-08S7/16U-B-W3
	.31	9135		.18	.43	1.14	1.50	.51	.67	.75	14.8	5.83	
	10	630	9/16-18 UNF	5	12	32	41	14,5	19	22	35	3,73	FI-GE-10S9/16U-B-W3
	.39	9135		.20	.47	1.26	1.61	.57	.75	.87	25.9	8.20	
	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	25.9	13.40	
	12	630	3/4-16 UNF	8	14	36	45	17,5	24	24	70	6,89	FI-GE-12S3/4U-B-W3
	.47	9135		.31	.55	1.42	1.77	.69	.94	.94	51.8	15.15	
	16	630	3/4-16 UNF	8	14	35	45	15,5	24	30	70	6,68	FI-GE-16S3/4U-B-W3
	.63	9135		.31	.55	1.38	1.77	.61	.94	1.18	51.8	14.70	
	16	630	7/8-14 UNF	12	16	39,7	49,7	18,5	27	30	100	9,47	FI-GE-16S7/8U-B-W3
	.63	9135		.47	.63	1.56	1.96	.73	1.06	1.18	74.0	20.84	
	20	400	3/4-16 UNF	8	14	42	53	20,5	32	36	70	11,83	FI-GE-20S3/4U-B-W3
	.79	5800		.31	.55	1.65	2.09	.81	1.26	1.42	51.8	26.02	
	20	400	7/8-14 UNF	12	16	44	55	20,8	32	36	100	15,20	FI-GE-20S7/8U-B-W3
	.79	5800		.47	.63	1.73	2.17	.82	1.26	1.42	74.0	33.44	
	20	400	1 1/16-12 UN	16	18,5	46	57	20,5	32	36	170	19,70	FI-GE-20S1-1/16U-B-W3
	.79	5800		.63	.73	1.81	2.24	.81	1.26	1.42	125.8	43.34	
	25	400	1 1/16-12 UN	16	18,5	50	62	23	36	46	170	24,20	FI-GE-25S1-1/16U-B-W3
	.98	5800		.63	.73	1.97	2.44	.91	1.42	1.81	125.8	53.24	
	25	400	1 5/16-12 UN	20	18,5	50	62	23	41	46	270	28,90	FI-GE-25S1-5/16U-B-W3
	.98	5800		.79	.73	1.97	2.44	.91	1.61	1.81	199.8	63.58	
	30	400	1 5/16-12 UN	20	18,5	52	65	23,5	46	50	270	30,70	FI-GE-30S1-5/16U-B-W3
	1.18	5800		.79	.73	2.05	2.56	.93	1.81	1.97	199.8	67.54	
	30	400	1 5/8-12 UN	25	18,5	52	65	23,5	50	50	285	38,10	FI-GE-30S1-5/8U-B-W3
	1.18	5800		.98	.73	2.05	2.56	.93	1.97	1.97	210.9	83.82	
	38	315	1 5/8-12 UN	25	18,5	57	72	22,5	55	60	285	50,70	FI-GE-38S1-5/8U-B-W3
	1.50	4568		.98	.73	2.24	2.83	.89	2.17	2.36	210.9	111.54	

[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.

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 (page 60)	L
	Heavy Series (page 61)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


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


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


O-Ring
Type **O-RING** Page 207