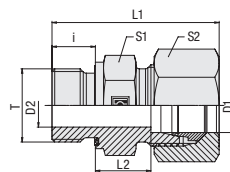
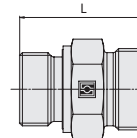


Straight Male Stud Fitting

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
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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 (Nm/lbf·ft) 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	G 1/8	.16	.31	.93	1.24	.33	.55	.55	13.3	2.93	FI-GE-06LR1/4-WD-B-W3
	6	500	G 1/4	4	12	29	37	10	19	14	35	2,74	FI-GE-06LR3/8-WD-B-W3
	.24	7250	G 1/4	.16	.47	1.14	1.46	.39	.75	.55	25.9	6.04	FI-GE-06LR1/2-WD-B-W3
	6	400	G 3/8	4	12	30,5	38,5	11,5	22	14	70	4,03	FI-GE-06LR1/8-WD-B-W3
	.24	5800	G 3/8	.16	.47	1.20	1.52	.45	.87	.55	51.8	8.87	FI-GE-06LR1/4-WD-B-W3
	6	400	G 1/2	4	14	33	41	12	27	14	90	6,37	FI-GE-06LR1/2-WD-B-W3
	.24	5800	G 1/2	.16	.55	1.30	1.61	.47	1.06	.55	66.6	14.01	FI-GE-06LR3/8-WD-B-W3
	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	G 1/8	.16	.31	.96	1.28	.37	.55	.67	13.3	3.53	FI-GE-08LR-WD-B-W3
	8	500	G 1/4	6	12	29	37	10	19	17	35	2,65	FI-GE-08LR3/8-WD-B-W3
	.31	7250	G 1/4	.24	.47	1.14	1.46	.39	.75	.67	25.9	5.83	FI-GE-08LR1/2-WD-B-W3
	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	G 3/8	.24	.47	1.20	1.52	.45	.87	.67	51.8	9.57	FI-GE-08LR1/4-WD-B-W3
	8	400	G 1/2	6	14	33	41	12	27	17	90	6,58	FI-GE-08LR1/2-WD-B-W3
	.31	5800	G 1/2	.24	.55	1.30	1.61	.47	1.06	.67	66.6	14.48	FI-GE-08LR3/8-WD-B-W3
	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	G 1/8	.16	.31	1.00	1.32	.41	.67	.75	13.3	4.52	FI-GE-10LR-WD-B-W3
	10	500	G 1/4	6	12	30	38	11	19	19	35	2,88	FI-GE-10LR3/8-WD-B-W3
	.39	7250	G 1/4	.24	.47	1.18	1.50	.43	.75	.75	25.9	6.34	FI-GE-10LR1/2-WD-B-W3
	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	G 3/8	.31	.47	1.24	1.56	.49	.87	.75	51.8	9.12	FI-GE-10LR1/4-WD-B-W3
	10	400	G 1/2	8	14	34	42	13	27	19	90	7,10	FI-GE-10LR1/2-WD-B-W3
	.39	5800	G 1/2	.31	.55	1.34	1.65	.51	1.06	.75	66.6	15.61	FI-GE-10LR3/8-WD-B-W3
	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	G 1/8	.16	.31	1.04	1.36	.45	.75	.87	13.3	5.61	FI-GE-12LR-WD-B-W3
	12	400	G 1/4	6	12	31	39	12	19	22	35	3,05	FI-GE-12LR3/8-WD-B-W3
	.47	5800	G 1/4	.24	.47	1.22	1.54	.47	.75	.87	25.9	6.70	FI-GE-12LR1/2-WD-B-W3
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	70	4,14	FI-GE-12LR3/8-WD-B-W3
	.47	5800	G 3/8	.35	.47	1.24	1.56	.49	.87	.87	51.8	9.10	FI-GE-12LR1/4-WD-B-W3
	12	400	G 1/2	10	14	34	42	13	27	22	90	6,65	FI-GE-12LR1/2-WD-B-W3
	.47	5800	G 1/2	.39	.55	1.34	1.65	.51	1.06	.87	66.6	14.63	FI-GE-12LR3/8-WD-B-W3
	12	250	G 3/4	10	16	37	45	14	32	22	180	9,25	FI-GE-12LR1/4-WD-B-W3
	.47	3625	G 3/4	.39	.63	1.46	1.77	.55	1.26	.87	133.2	20.34	FI-GE-12LR1/2-WD-B-W3
	15	400	G 1/4	7	12	31,5	39,5	12,5	22	27	35	4,07	FI-GE-15LR1/8-WD-B-W3
	.59	5800	G 1/4	.28	.47	1.24	1.56	.49	.87	1.06	25.9	8.95	FI-GE-15LR-WD-B-W3
	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	G 3/8	.35	.47	1.28	1.59	.53	.94	1.06	51.8	11.70	FI-GE-15LR1/2-WD-B-W3
	15	400	G 1/2	12	14	35	43	14	27	27	90	6,62	FI-GE-15LR3/8-WD-B-W3
	.59	5800	G 1/2	.47	.55	1.38	1.69	.55	1.06	1.06	66.6	14.56	FI-GE-15LR1/4-WD-B-W3
	15	250	G 3/4	12	16	38	46	15	32	27	180	11,80	FI-GE-15LR1/2-WD-B-W3
	.59	3625	G 3/4	.47	.63	1.50	1.81	.59	1.26	1.06	133.2	25.96	FI-GE-15LR3/8-WD-B-W3
	18	400	G 3/8	9	12	33,5	42,5	14	27	32	70	6,56	FI-GE-18LR1/8-WD-B-W3
	.71	5800	G 3/8	.35	.47	1.32	1.67	.55	1.06	1.26	51.8	14.44	FI-GE-18LR-WD-B-W3
	18	400	G 1/2	14	14	36	45	14,5	27	32	90	7,01	FI-GE-18LR3/8-WD-B-W3
	.71	5800	G 1/2	.55	.55	1.42	1.77	.57	1.06	1.26	66.6	15.41	FI-GE-18LR1/2-WD-B-W3
	18	250	G 3/4	15	16	38	47	14,5	32	32	180	10,89	FI-GE-18LR3/8-WD-B-W3
	.71	3625	G 3/4	.59	.63	1.50	1.85	.57	1.26	1.26	133.2	23.96	FI-GE-18LR1/4-WD-B-W3

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

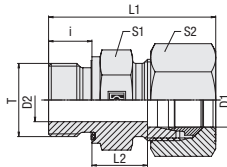
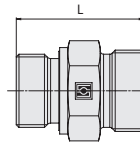
Standard seal material is NBR (Buna-N®).

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

Please contact STAUFF prior to the assembly for further information.



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



C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD	PN	Dimensions								Torque	Weight	Ordering Codes ³	
	(^{mm} / _{in})	(^{bar} / _{PSI})	(^{mm} / _{in})	D1	D2	i	L	L1 ¹	L2	S1	S2	(^{N·m} / _{ft·lb})		(^{kg} / _{lbs}) ca.
	D1		Thread T									Thread T	per 100 ²	
L	22	250	G1/2	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	G3/4	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	G1	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	G3/4	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	G1	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	G1 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	G3/4	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	G1	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	G1 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	G1 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	G1	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	G1 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	G1 1/2	36	22	52	64	19	55	60	540	34,37	FI-GE-42LR-WD-B-W3	
	1.65	3625		1.42	.87	2.05	2.52	.75	2.17	2.36	399.6	75.62		

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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

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

Please contact STAUFF prior to the assembly for further information.

Ordering Codes

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

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series 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
