

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



C

Whitworth Parallel Pipe Thread (BSPP)

60° Conical Bore / Sealing Surface for Gaskets

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque N-m Thread T	Weight kg ca. per 100	Ordering Codes ³
L	6	250	G 1/8	3,5	8	23,5	31,5	8,5	14	14	20	1,38	FI-GE-06LR-DF-W3
	6	250	G 1/4	4	12	29	36	10	19	14	50	2,75	FI-GE-06LR1/4-DF-W3
	6	250	G 3/8	7,9	12	30,5	38	11	22	14	80	3,94	FI-GE-06LR3/8-DF-W3
	8	250	G 1/8	3,5	8	24,5	32	10	14	17	20	1,71	FI-GE-08LR1/8-DF-W3
	8	250	G 1/4	4,7	12	29	37	10	19	17	50	2,87	FI-GE-08LR-DF-W3
	8	250	G 3/8	6	12	30,5	38	11	22	17	80	4,28	FI-GE-08LR3/8-DF-W3
	10	250	G 1/4	4,7	12	30	38	11	19	19	50	2,82	FI-GE-10LR-DF-W3
	10	250	G 3/8	7,9	12	31,5	39	12,5	22	19	80	4,18	FI-GE-10LR3/8-DF-W3
	10	160	G 1/2	11,1	14	34	41	13	27	19	140	6,28	FI-GE-10LR1/2-DF-W3
	12	250	G 1/4	4,7	12	31	39	12	19	22	50	3,30	FI-GE-12LR1/4-DF-W3
	12	250	G 3/8	7,9	12	31,5	39,5	12,5	22	22	80	4,39	FI-GE-12LR-DF-W3
	12	160	G 1/2	10	14	34	42	13	27	22	140	6,47	FI-GE-12LR1/2-DF-W3
	15	250	G 3/8	7,9	12	32,5	40	13,5	24	27	80	5,18	FI-GE-15LR3/8-DF-W3
	15	160	G 1/2	11,1	14	35	40,5	14	27	27	140	6,98	FI-GE-15LR-DF-W3
	18	250	G 3/8	7,9	12	33,5	41	14	27	32	80	4,90	FI-GE-18LR3/8-DF-W3
	18	160	G 1/2	11,1	14	35	45	13,5	27	32	140	5,35	FI-GE-18LR-DF-W3
	18	160	G 3/4	15	16	38	47	14,5	32	32	190	10,79	FI-GE-18LR3/4-DF-W3
	22	160	G 1/2	11,1	14	38	47	16,5	32	36	140	9,53	FI-GE-22LR1/2-DF-W3
	22	160	G 3/4	16,7	16	40	49	16,5	32	36	190	9,94	FI-GE-22LR-DF-W3
	22	160	G 1	22,2	18	43	51	17,5	41	36	330	16,58	FI-GE-22LR1-DF-W3
	28	160	G 1/2	11,1	14	39	48	17,5	41	41	140	13,58	FI-GE-28LR1/2-DF-W3
	28	160	G 3/4	16,7	16	41	50	17,5	41	41	190	15,87	FI-GE-28LR3/4-DF-W3
	28	160	G 1	22,2	18	43	52	17,5	41	41	330	17,46	FI-GE-28LR-DF-W3
	28	160	G 1 1/4	28,6	20	48	57	20,5	50	41	540	20,04	FI-GE-28LR1-1/4-DF-W3
	35	160	G 1	22,2	18	46	57	17,5	50	50	330	24,26	FI-GE-35LR1-DF-W3
	35	125	G 1 1/4	28,6	20	48	59	17,5	50	50	540	28,81	FI-GE-35LR-DF-W3
	42	125	G 1 1/4	28,6	20	50	62	19	55	60	540	33,91	FI-GE-42LR1-1/4-DF-W3
	42	125	G 1 1/2	33,3	22	52	64	19	55	60	630	36,75	FI-GE-42LR-DF-W3

¹ Approx.imate 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 A)

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

Torque recommendations for Steel mating material.

Ordering Codes

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

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

* Series Light Series (page 55) L
Heavy Series (page 56) S

* Thread Type Whitworth Parallel Pipe Thread (BSPP) R

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

* Seal Type 60° Conical Bore (BS 5200) / Sealing Surface for Gasket (DIN 7603) -DF

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

Please contact STAUFF for alternative materials and surface finishings.

* Assembling / Kitting Fitting body only —

Fitting body supplied with cutting ring and union nut -MS

Fitting body supplied with soft-sealing cutting ring and union nut -MSV

Connecting Parts


Cutting Ring
Type FI-DS Page 28

Soft-Sealing Cutting Ring
Type FI-WDDS Page 29

Support Sleeve
Type FI-VH Page 31

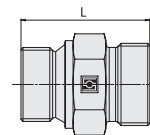
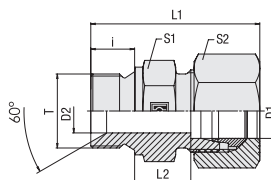
STAUFF Form EVO Sealing Ring
Type FI-FD Page 32

Union Nut
Type FI-M Page 33

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


Straight Male Stud Fitting

Type FI-GE-...-R-DF • Series S



60° Conical Bore / Sealing Surface for Gaskets

Whitworth Parallel Pipe Thread (BSPP)

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Light Series (page 55) Heavy Series (page 56)
	L S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)
	R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	60° Conical Bore (BS 5200) / Sealing Surface for Gasket (DIN 7603)
	-DF
* Material Code	Steel, zinc/nickel-plated
	-W3
Please contact STAUFF for alternative materials and surface finishings.	
* Assembling / Kitting	Fitting body only
	—
	Fitting body supplied with cutting ring and union nut
	-MS
	Fitting body supplied with soft-sealing cutting ring and union nut
	-MSV

Connecting Parts

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

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque N-m Thread T	Weight kg ca. per 100	Ordering Codes ³
S	6	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,09	FI-GE-06SR1/8-DF-W3
	6	250	G 1/4	4	12	32	40	13	19	17	60	3,48	FI-GE-06SR-DF-W3
	6	250	G 3/8	7,9	12	34,5	42	15,5	22	17	100	4,63	FI-GE-06SR3/8-DF-W3
	6	250	G 1/2	11,1	14	35	43	14	27	17	160	6,22	FI-GE-06SR1/2-DF-W3
	8	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,71	FI-GE-08SR1/8-DF-W3
	8	250	G 1/4	4,7	12	34	42	15	19	19	60	4,10	FI-GE-08SR-DF-W3
	8	250	G 3/8	7,9	12	34,5	42	15,5	22	19	100	5,25	FI-GE-08SR3/8-DF-W3
	8	250	G 1/2	11,1	14	39	47	18	27	19	160	8,47	FI-GE-08SR1/2-DF-W3
	10	250	G 1/4	4,7	12	34	42	14,5	19	22	60	4,33	FI-GE-10SR1/4-DF-W3
	10	250	G 3/8	7	12	34,5	43,5	15	22	22	100	5,46	FI-GE-10SR-DF-W3
	10	160	G 1/2	11,1	14	35	43	13,5	27	22	160	6,76	FI-GE-10SR1/2-DF-W3
	12	250	G 1/4	4,7	12	36	44	16,5	22	24	60	5,70	FI-GE-12SR1/4-DF-W3
	12	250	G 3/8	7,9	12	36,5	45,5	17	22	24	100	6,17	FI-GE-12SR-DF-W3
	12	160	G 1/2	11,1	14	39	48	17,5	27	24	160	8,75	FI-GE-12SR1/2-DF-W3
	12	160	G 3/4	16,7	16	43	51	19,5	32	24	280	12,90	FI-GE-12SR3/4-DF-W3
	14	160	G 1/2	10	14	41	51	19	27	27	160	9,56	FI-GE-14SR-DF-W3
	16	250	G 3/8	7,9	12	38,5	48	18	27	30	100	6,82	FI-GE-16SR3/8-DF-W3
	16	160	G 1/2	11,1	14	41	51	18,5	27	30	160	9,05	FI-GE-16SR-DF-W3
	16	160	G 3/4	16,7	16	45	55	20,5	32	30	280	13,31	FI-GE-16SR3/4-DF-W3
	20	160	G 1/2	11,1	14	45	54	20,5	32	36	160	13,74	FI-GE-20SR1/2-DF-W3
	20	160	G 3/4	16	16	47	58	20,5	32	36	280	14,90	FI-GE-20SR-DF-W3
	20	160	G 1	22,2	18	51	62	22,5	41	36	440	23,12	FI-GE-20SR1-DF-W3
	25	160	G 1/2	11,1	14	49	56	23	41	46	160	23,68	FI-GE-25SR1/2-DF-W3
	25	160	G 3/4	16,7	16	51	63	23	41	46	280	23,73	FI-GE-25SR3/4-DF-W3
	25	160	G 1	20	18	53	65	23	41	46	440	20,71	FI-GE-25SR-DF-W3
	30	160	G 3/4	16,7	16	53	66	23,5	50	50	280	33,85	FI-GE-30SR3/4-DF-W3
	30	160	G 1	22,2	18	55	68	23,5	46	50	440	32,20	FI-GE-30SR1-DF-W3
	30	125	G 1 1/4	25	20	57	70	23,5	50	50	580	40,27	FI-GE-30SR-DF-W3
	38	160	G 1	22,2	18	60	73	26	55	60	440	47,79	FI-GE-38SR1-DF-W3
	38	125	G 1 1/4	38,6	20	62	77	26	55	60	580	51,40	FI-GE-38SR1-1/4-DF-W3
	38	125	G 1 1/2	32	22	64	79	26	55	60	700	54,70	FI-GE-38SR-DF-W3

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

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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.

