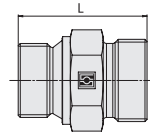
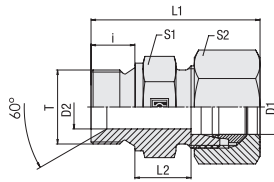


Straight Male Stud Fitting Type FI-GE-...-R-DF • Series S



60° Conical Bore / Sealing Surface for Gaskets

Whitworth Parallel Pipe Thread (BSPP)

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)	Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (N·m/ft·lb)	Weight (kg/lbs) Ca. per 100 ²	Ordering Codes ³
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) Heavy Series (page 51)
	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
	Soft-Sealing Cutting Ring Type FI-WDDS
	Support Sleeve Type FI-VH
	STAUFF Form Ring Type FI-AR
	Union Nut Type FI-M
	37° Flared Tube Fitting Set Type FI-AB

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.