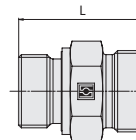
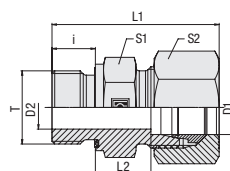


Straight Male Stud Fitting Type FI-GE-...-R-WD • Series S



Whitworth Parallel Pipe Thread (BSPP)

Profile Sealing Ring

Ordering Codes

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

* Straight Male Stud Fitting	FI-GE
* Outside Tube Diameter D1 (in mm)	-10
* Series	Extra-Light Series (page 48) LL Light Series (pages 48/49) L Heavy Series (pages 50/51) S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP) R
If required, please indicate special sizes, e.g. R1/8!	
* Seal Type	Profile Sealing Ring -WD
* Seal Material	NBR (Buna-N®) -B FKM (Viton®) -V EPDM -E
* Material Code	Steel, zinc/nickel-plated -W3
Please contact STAUFF for alternative materials and surface finishings.	
* Assembling / Kitting	Fitting body only — Fitting body supplied with cutting ring and union nut -MS Fitting body supplied with soft-sealing cutting ring and union nut -MSV

Connecting Parts

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

Spare Parts / Accessories

	Profile Sealing Ring Type WDG	Page 238
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Series	Tube OD (mm/in) D1	PN (bar/psi)	Dimensions (mm/in) Thread T	D2	i	L	L1 ¹	L2	S1	S2	Torque (N·m/lbf·ft) Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes ³
S	6	800	G 1/8	4	8	27,5	35,5	12,5	14	17	25	2,49	FI-GE-06SR1/8-WD-B-W3
	.24	11600		.16	.31	1.08	1.40	.49	.55	.67	18.5	5.48	
	6	800	G 1/4	4	12	32	40	13	19	17	55	3,46	FI-GE-06SR-WD-B-W3
	.24	11600		.16	.47	1.26	1.57	.51	.75	.67	40.7	7.61	
	6	800	G 3/8	4	12	34,5	42,5	15,5	22	17	80	5,63	FI-GE-06SR3/8-WD-B-W3
	.24	11600		.16	.47	1.36	1.67	.61	.87	.67	59.2	12.38	
	6	800	G 1/2	4	14	39	47	18	27	17	115	8,22	FI-GE-06SR1/2-WD-B-W3
	.24	11600		.16	.55	1.54	1.85	.71	1.06	.67	85.1	18.09	
	8	800	G 1/8	4	8	29,5	37,5	14,5	19	19	25	3,41	FI-GE-08SR1/8-WD-B-W3
	.31	11600		.16	.31	1.16	1.48	.57	.75	.75	18.5	7.49	
	8	800	G 1/4	5	12	34	42	15	19	19	55	4,00	FI-GE-08SR-WD-B-W3
	.31	11600		.20	.47	1.34	1.65	.59	.75	.75	40.7	8.80	
	8	800	G 3/8	5	12	34,5	42,5	15,5	22	19	80	5,72	FI-GE-08SR3/8-WD-B-W3
	.31	11600		.20	.47	1.36	1.67	.61	.87	.75	59.2	12.58	
	8	800	G 1/2	5	14	39	47	18	27	19	115	9,92	FI-GE-08SR1/2-WD-B-W3
	.31	11600		.20	.55	1.54	1.85	.71	1.06	.75	85.1	21.82	
	10	800	G 1/4	5	12	34	43	14,5	19	22	55	4,22	FI-GE-10SR1/4-WD-B-W3
	.39	11600		.20	.47	1.34	1.69	.57	.75	.87	40.7	9.28	
	10	800	G 3/8	7	12	34,5	43,5	15	22	22	80	5,60	FI-GE-10SR-WD-B-W3
	.39	11600		.28	.47	1.36	1.71	.59	.87	.87	59.2	12.31	
	10	800	G 1/2	7	14	39	47	17,5	27	22	115	9,57	FI-GE-10SR1/2-WD-B-W3
	.39	11600		.28	.55	1.54	1.85	.69	1.06	.87	85.1	21.06	
	12	630	G 1/4	5	12	36	44	16,5	22	24	55	5,60	FI-GE-12SR1/4-WD-B-W3
	.47	9135		.20	.47	1.42	1.73	.65	.87	.94	40.7	12.32	
	12	630	G 3/8	8	12	36,5	45	17	22	24	80	6,25	FI-GE-12SR-WD-B-W3
	.47	9135		.31	.47	1.44	1.77	.67	.87	.94	59.2	13.75	
	12	630	G 1/2	8	14	39	48	17,5	27	24	115	9,52	FI-GE-12SR1/2-WD-B-W3
	.47	9135		.31	.55	1.54	1.89	.69	1.06	.94	85.1	20.95	
	12	630	G 3/4	8	16	41	50	17,5	32	24	180	12,83	FI-GE-12SR3/4-WD-B-W3
	.47	9135		.31	.63	1.61	1.97	.69	1.26	.94	133.2	28.22	
	14	630	G 3/8	8	12	38,5	48,5	18,5	24	27	80	5,03	FI-GE-14SR3/8-WD-B-W3
	.55	9135		.31	.47	1.52	1.91	.73	.94	1.06	59.2	11.07	
	14	630	G 1/2	10	14	41	51	19	27	27	115	9,67	FI-GE-14SR-WD-B-W3
	.55	9135		.39	.55	1.61	2.01	.75	1.06	1.06	85.1	21.27	
	14	630	G 3/4	10	16	45	55	21	32	27	180	14,90	FI-GE-14SR3/4-WD-B-W3
	.55	9135		.39	.63	1.77	2.17	.83	1.26	1.06	133.2	32.78	
	16	630	G 1/4	7	12	38	48	17,5	27	30	55	8,12	FI-GE-16SR1/4-WD-B-W3
	.63	9135		.28	.47	1.50	1.89	.69	1.06	1.18	40.7	17.86	
	16	630	G 3/8	8	12	38,5	48,5	18	27	30	80	7,53	FI-GE-16SR3/8-WD-B-W3
	.63	9135		.31	.47	1.52	1.91	.71	1.06	1.18	59.2	16.57	
	16	630	G 1/2	12	14	41	51	18,5	27	30	115	9,08	FI-GE-16SR-WD-B-W3
	.63	9135		.47	.55	1.61	2.01	.73	1.06	1.18	85.1	19.98	
	16	630	G 3/4	12	16	45	55	20,5	32	30	180	15,51	FI-GE-16SR3/4-WD-B-W3
	.63	9135		.47	.63	1.77	2.17	.81	1.26	1.18	133.2	34.13	
	16	420	G 1	12	18	49	59	22,5	41	30	310	25,20	FI-GE-16SR1-WD-B-W3
	.63	6091		.47	.71	1.93	2.32	.89	1.61	1.18	229.4	55.43	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

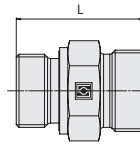
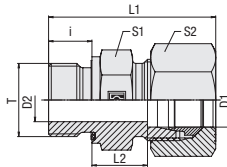
Standard seal material is NBR (Buna-N®).

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

Please contact STAUFF prior to the assembly for further information.



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



C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

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

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

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

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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

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

Please contact STAUFF prior to the assembly for further information.

Ordering Codes

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

* Straight Male Stud Fitting FI-GE

* Outside Tube Diameter D1 (in mm) -10

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

* Thread Type Whitworth Parallel Pipe Thread (BSPP) R

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

* Seal Type Profile Sealing Ring -WD

* Seal Material NBR (Buna-N®) -B
FKM (Viton®) -V
EPDM -E

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

Please contact STAUFF for alternative materials and surface finishings.

* Assembling / Kitting Fitting body only —

Fitting body supplied with cutting ring and union nut -MS

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

Connecting Parts


Cutting Ring
Type FI-DS Page 28

Soft-Sealing Cutting Ring
Type FI-WDDS Page 29

Support Sleeve
Type FI-VH Page 31

STAUFF Form EVO Sealing Ring
Type FI-FD Page 32

Union Nut
Type FI-M Page 33

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

Spare Parts / Accessories


Profile Sealing Ring
Type WDG Page 238
