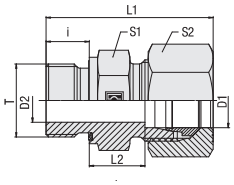
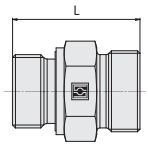
C

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







Metric Parallel Thread — Profile Sealing Ring

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 (pages 52/53)	**L**
	Heavy Series (page 54)	**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**
* 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 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	500	M 10 x 1	4	8	23,5	31,5	8,5	14	14	18	1,36	FI-GE-06LM-WD-B-W3
	6	500	M 12 x 1,5	4	12	29	37	10	17	14	25	2,26	FI-GE-06LM12x1.5-WD-B-W3
	6	500	M 14 x 1,5	7	12	29	36	10	19	14	45	2,91	FI-GE-06LM14x1.5-WD-B-W3
	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
	8	500	M 12 x 1,5	6	12	29	37	10	17	17	25	2,16	FI-GE-08LM-WD-B-W3
	8	500	M 14 x 1,5	6	12	29	37	10	19	17	45	3,11	FI-GE-08LM14x1.5-WD-B-W3
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	55	4,05	FI-GE-08LM16x1.5-WD-B-W3
	8	400	M 18 x 1,5	11	12	30,5	37	11,5	24	17	70	4,34	FI-GE-08LM18x1.5-WD-B-W3
	8	400	M 22 x 1,5	14	14	34	41	13	27	17	125	7,66	FI-GE-08LM22x1.5-WD-B-W3
	10	500	M 10 x 1	4	8	25,5	33	10,5	17	19	18	2,14	FI-GE-10LM10x1-WD-B-W3
	10	500	M 12 x 1	6	12	30	38	11	17	19		2,74	FI-GE-10LM12x1-WD-B-W3
	10	500	M 12 x 1,5	6	12	30	38	11	17	19	25	2,38	FI-GE-10LM12x1.5-WD-B-W3
	10	500	M 14 x 1,5	7	12	30	38	11	19	19	45	2,88	FI-GE-10LM-WD-B-W3
	10	500	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
	10	500	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
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	125	7,36	FI-GE-10LM22x1.5-WD-B-W3
	12	400	M 10 x 1	4	8	25,5	33	10,5	17	19	18	2,38	FI-GE-12LM10x1-WD-B-W3
	12	400	M 12 x 1,5	4	12	32	40	11	19	22	25	2,84	FI-GE-12LM12x1.5-WD-B-W3
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	45	3,06	FI-GE-12LM14x1.5-WD-B-W3
	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
	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
	12	400	M 22 x 1,5	10	14	35	42	14	27	22	125	6,96	FI-GE-12LM22x1.5-WD-B-W3
	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
	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
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	125	7,15	FI-GE-15LM22x1.5-WD-B-W3
	15	250	M 26 x 1,5	18	16	38	46	15	32	27	180	9,56	FI-GE-15LM26x1.5-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.

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.

Connecting Parts

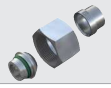

Cutting Ring
Type **FI-DS** Page 28


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

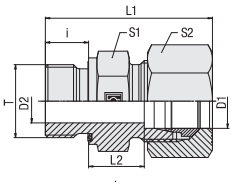

Union Nut
Type **FI-M** Page 33

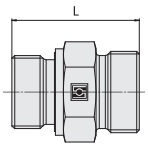

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories


Profile Sealing Ring
Type **WDG** Page 238

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







C

Metric Parallel Thread

Profile Sealing Ring

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	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	70	6,26	FI-GE-18LM18x1.5-WD-B-W3
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	125	7,43	FI-GE-18LM-WD-B-W3
	18	250	M 26 x 1,5	15	16	38	47	16	32	32	180	10,88	FI-GE-18LM26x1.5-WD-B-W3
	18	250	M 27 x 2	15	16	38	47	14,5	32	32	180	11,17	FI-GE-18LM27x2-WD-B-W3
	18	250	M 33 x 2	15	18	41	49	15,5	41	32	310	13,17	FI-GE-18LM33x2-WD-B-W3
	18	250	M 18 x 1,5	15	12	35,5	44	16	32	36	70	8,00	FI-GE-22LM18x1.5-WD-B-W3
	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
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	180	10,23	FI-GE-22LM-WD-B-W3
	22	250	M 27 x 2	18	16	40	50	16,5	32	36	180	10,45	FI-GE-22LM27x2-WD-B-W3
	22	250	M 33 x 2	23	18	43	52	17,5	41	36	310	16,15	FI-GE-22LM33x2-WD-B-W3
	28	250	M 22 x 1,5	14	14	39	48	17,5	41	41	125	14,64	FI-GE-28LM22x1.5-WD-B-W3
	28	250	M 26 x 1,5	18	16	41	50	17,5	41	41	180	14,39	FI-GE-28LM26x1.5-WD-B-W3
	28	250	M 33 x 2	23	18	43	52	17,5	41	41	310	16,76	FI-GE-28LM-WD-B-W3
	28	250	M 42 x 2	30	20	46	55	18,5	50	41	450	26,5	FI-GE-28LM42x2-WD-B-W3
	35	250	M 33 x 2	23	18	46	57	17,5	46	50	310	21,56	FI-GE-35LM33x2-WD-B-W3
	35	250	M 42 x 2	30	20	48	59	17,5	50	50	450	27,63	FI-GE-35LM-WD-B-W3
	42	250	M 42 x 2	30	20	50	61	19	55	60	450	21,09	FI-GE-42LM42x2-WD-B-W3
	42	250	M 48 x 2	36	22	52	64	19	55	60	540	34,63	FI-GE-42LM-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.

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.

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 (pages 52/53)	L
	Heavy Series (page 54)	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
* 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

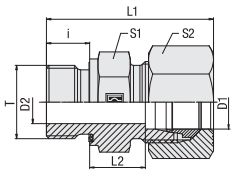
Spare Parts / Accessories

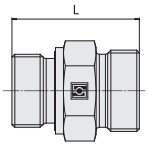

Profile Sealing Ring
Type **WDG** Page 238

C

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







Profile Sealing Ring

Metric Parallel Thread

Ordering Codes

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

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (pages 52/53)	L
	Heavy Series (page 54)	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
* 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



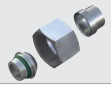
Support Sleeve
Type **FI-VH** Page 31



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

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	800	M 12 x 1,5	4	12	32	40	13	17	17	35	2,93	FI-GE-06SM-WD-B-W3
	8	800	M 12 x 1,5	4	12	34	41	14,5	17	19	35	3,18	FI-GE-08SM12x1.5-WD-B-W3
	8	800	M 14 x 1,5	5	12	34	42	15	19	19	55	4,16	FI-GE-08SM-WD-B-W3
	10	800	M 12 x 1,5	4	12	34	41,5	14,5	22	22	35	5,08	FI-GE-10SM12x1.5-WD-B-W3
	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
	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
	12	800	M 14 x 1,5	5	12	36	45	16,5	22	24	55	6,00	FI-GE-12SM14x1.5-WD-B-W3
	12	800	M 16 x 1,5	8	12	36	45	16,5	22	24	70	6,12	FI-GE-12SM16x1.5-WD-B-W3
	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
	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
	14	630	M 20 x 1,5	10	14	41	51	19	27	27	125	9,46	FI-GE-14SM-WD-B-W3
	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
	16	630	M 22 x 1,5	12	14	41	51	18,5	27	30	135	9,52	FI-GE-16SM-WD-B-W3
	16	420	M 27 x 2	12	16	43	53	18,5	32	30	180	14,46	FI-GE-16SM27x2-WD-B-W3
	20	420	M 22 x 1,5	12	14	45	56	20,5	32	36	135	14,03	FI-GE-20SM22x1.5-WD-B-W3
	20	420	M 26 x 1,5	15	16	47	58	20,5	32	36	180	16,78	FI-GE-20SM26x1.5-WD-B-W3
	20	420	M 27 x 2	16	16	47	58	20,5	32	36	180	15,10	FI-GE-20SM-WD-B-W3
	25	420	M 26 x 1,5	15	16	51	62	23	41	46	180	24,27	FI-GE-25SM26x1.5-WD-B-W3
	25	420	M 27 x 2	16	16	51	62	23	41	46	180	24,42	FI-GE-25SM27x2-WD-B-W3
	25	420	M 33 x 2	20	18	53	65	23	41	46	310	26,43	FI-GE-25SM-WD-B-W3
	30	420	M 33 x 2	20	18	55	68	23,5	50	50	310	37,1	FI-GE-30SM33x2-WD-B-W3
	30	420	M 42 x 2	25	20	57	70	23,5	50	50	450	41,84	FI-GE-30SM-WD-B-W3
	38	420	M 48 x 2	32	22	64	79	26	55	60	540	57,00	FI-GE-38SM-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.

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.