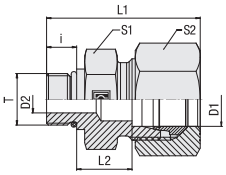
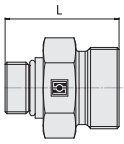
C

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







UN/UNF Thread

O-Ring

Ordering Codes

FI-GE-10*L*3/4*U*-B*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (pages 70/71)	**L**
	Heavy Series (page 71)	**S**
* Thread Size	acc. to dimension table	**3/4**
Please always indicate thread sizes, e.g. 3/4!		
* Thread Type	UN/UNF Thread with O-Ring	**U**
* 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

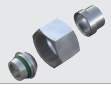

Cutting Ring
Type **FI-DS** Page 28


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


O-Ring
Type **O-RING** Page 239

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	400	7/16-20 UNF	4	9	26	34	10	17	14	18	2,08	FI-GE-06L7/16U-B-W3
	6	400	9/16-18 UNF	4	10	27	35	10	19	14	30	2,47	FI-GE-06L9/16U-B-W3
	8	400	7/16-20 UNF	4,5	9	26	34	10	17	17	18	2,18	FI-GE-08L7/16U-B-W3
	8	400	1/2-20 UNF	6	9	26	34	10	17	17	28	2,21	FI-GE-08L1/2U-B-W3
	8	400	9/16-18 UNF	6	10	27	35	10	19	17	30	2,76	FI-GE-08L9/16U-B-W3
	8	400	3/4-16 UNF	10	11,1	30	37	11,9	24	17	50	5,11	FI-GE-08L3/4U-B-W3
	10	400	7/16-20 UNF	4,5	9	27	35	11	17	19	18	2,17	FI-GE-10L7/16U-B-W3
	10	400	9/16-18 UNF	7,5	10	28	36	11	19	19	30	2,70	FI-GE-10L9/16U-B-W3
	10	400	3/4-16 UNF	8	11	31	39	13	24	19	50	5,21	FI-GE-10L3/4U-B-W3
	12	400	7/16-20 UNF	4,5	9	28	35	12	19	22	18	2,77	FI-GE-12L7/16U-B-W3
	12	400	9/16-18 UNF	7,5	10	28	36	11	19	22	30	3,00	FI-GE-12L9/16U-B-W3
	12	400	3/4-16 UNF	10	11	31	39	13	24	22	50	4,89	FI-GE-12L3/4U-B-W3
	12	400	7/8-14 UNF	10	12,7	34	42	14,3	27	22	60	7,48	FI-GE-12L7/8U-B-W3
	15	400	9/16-18UNF	7,5	10	31	40	14	24	27	30	4,79	FI-GE-15L9/16U-B-W3
	15	400	3/4-16 UNF	10	11	32	40	14	24	27	50	2,40	FI-GE-15L3/4U-B-W3
	15	400	7/8-14 UNF	12	12,7	34,7	42,7	15	27	27	60	7,41	FI-GE-15L7/8U-B-W3
	15	400	1-1/16-12UNF	15	15	39	47	16,5	32	27	95	11,19	FI-GE-15L1-1/16U-B-W3

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

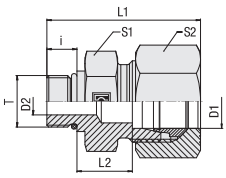
Standard seal material is NBR (Buna-N®).

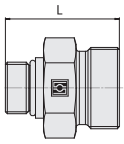
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 11926-2/-3
Port acc. to ISO 11926-1

Torque recommendations for Steel mating material.

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







C

UN/UNF Thread

O-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	3/4-16 UNF	10	11	33	42	14,5	27	32	50	6,86	FI-GE-18L3/4U-B-W3
	18	400	7/8-14 UNF	12,5	12,7	34,7	43,7	14,5	27	32	60	7,36	FI-GE-18L7/8U-B-W3
	18	400	1 1/16-12 UNF	15	15	37	45	14,5	32	32	95	11,04	FI-GE-18L1-1/16U-B-W3
	18	250	1 5/16-12 UNF	21,5	15	15,5	47	38	41	32	150	16,08	FI-GE-18L1-5/16U-B-W3
	22	250	7/8-14 UNF	12,5	12,7	37	46	16,8	32	36	60	9,44	FI-GE-22L7/8U-B-W3
	22	250	1 1/16-12 UN	18	15	39	48	16,5	32	36	95	10,50	FI-GE-22L1-1/16U-B-W3
	22	250	1 5/16-12 UN	19	15	40	49	17,5	41	36	150	18,00	FI-GE-22L1-5/16U-B-W3
	28	250	7/8-14 UNF	12,5	12,7	37,7	45,7	17,5	41	41	60	14,09	FI-GE-28L7/8U-B-W3
	28	250	1 1/16-12 UN	15	15	40	49	17,5	41	41	95	15,30	FI-GE-28L1-1/16U-B-W3
	28	250	1 5/16-12 UN	21,5	15	40	49	17,5	41	41	150	17,20	FI-GE-28L1-5/16U-B-W3
	28	250	1 5/8-12 UN	27,5	15	40	51	17,5	50	41	200	24,51	FI-GE-28L1-5/8U-B-W3
	35	250	1 5/16-12 UN	21,5	15	43	54	17,5	46	50	150	22,80	FI-GE-35L1-5/16U-B-W3
	35	250	1 5/8-12 UN	27,5	15	43	54	17,5	50	50	200	28,00	FI-GE-35L1-5/8U-B-W3
	35	250	1 7/8-12 UN	30	15	45	57	19,5	55	50	325	31,2	FI-GE-35L1-7/8U-B-W3
	42	250	1 5/8-12 UN	27,5	15	45	57	19	55	60	200	35,36	FI-GE-42L1-5/8U-B-W3
	42	250	1 7/8-12 UN	33,5	15	45	57	19	55	60	325	35,5	FI-GE-42L1-7/8U-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 11926-2/-3
Port acc. to ISO 11926-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-GE-10*L*3/4*U*-B*-W3*-MS

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Light Series (pages 70/71)	L
	Heavy Series (page 71)	S
* Thread Size	acc. to dimension table	3/4
Please always indicate thread sizes, e.g. 3/4!		
* Thread Type	UN/UNF Thread with O-Ring	U
* 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

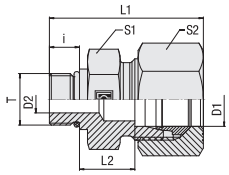
Spare Parts / Accessories

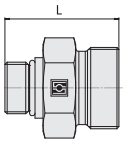

O-Ring
Type **O-RING** Page 239

C

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







O-Ring

UN/UNF Thread

Ordering Codes

FI-GE-10*S*3/4*U*-B*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (pages 70/71)	**L**
	Heavy Series (page 71)	**S**
* Thread Size	acc. to dimension table	**3/4**
Please always indicate thread sizes, e.g. 3/4!		
* Thread Type	UN/UNF Thread with O-Ring	**U**
* 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



O-Ring
Type **O-RING** Page 239

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	630	7/16-20 UNF	4	9	26	36	10	17	17	20	2,16	FI-GE-06S7/16U-B-W3
	8	630	7/16-20 UNF	4,5	11	29	38	11	17	19	20	2,65	FI-GE-08S7/16U-B-W3
	8	630	9/16-18 UNF	5	12	32	39,5	12,5	19	19	35	3,91	FI-GE-08S9/16U-B-W3
	10	630	9/16-18 UNF	7	12	32	41	12,5	19	22	35	3,73	FI-GE-10S9/16U-B-W3
	10	630	3/4-16 UNF	7	11	33,5	42	15	24	22	70	6,53	FI-GE-10S3/4U-B-W3
	12	630	9/16-18 UNF	7,5	12	36	45	16,5	24	24	35	6,09	FI-GE-12S9/16U-B-W3
	12	630	3/4-16 UNF	8	14	36	45	14,5	24	24	70	6,89	FI-GE-12S3/4U-B-W3
	12	630	7/8-14 UNF	12,5	16	36,7	46	13,2	27	24	100	7,56	FI-GE-12S7/8U-B-W3
	16	630	3/4-16 UNF	10	14	36	45	13,5	24	30	70	6,68	FI-GE-16S3/4U-B-W3
	16	630	7/8-14 UNF	12	16	39,7	49,7	15,2	27	30	100	9,47	FI-GE-16S7/8U-B-W3
	16	630	1 1/16-12 UNF	15	18,5	47,5	59	20,5	32	30	170	15,76	FI-GE-16S1-1/16U-B-W3
	20	420	3/4-16 UNF	10	14	42	53	17,5	32	36	70	11,83	FI-GE-20S3/4U-B-W3
	20	420	7/8-14 UNF	12,5	16	44	55	17,5	32	36	100	15,20	FI-GE-20S7/8U-B-W3
	20	420	1 1/16-12 UN	15	18,5	46	57	17	32	36	170	19,70	FI-GE-20S1-1/16U-B-W3
	20	420	1 5/16-12 UNF	21,5	18,5	48	58	19	41	36	270	22,65	FI-GE-20S1-5/16U-B-W3
	25	420	1 1/16-12 UN	15	18,5	50	62	19,5	36	46	170	24,20	FI-GE-25S1-1/16U-B-W3
	25	420	1 5/16-12 UN	20	18,5	50	62	19,5	41	46	270	28,90	FI-GE-25S1-5/16U-B-W3
	30	420	1 1/16-12 UN	15	18,5	52	66	20	50	50	170	30,45	FI-GE-30S1-1/16U-B-W3
	30	420	1 5/16-12 UN	21,5	18,5	52	65	20	46	50	270	30,70	FI-GE-30S1-5/16U-B-W3
	30	420	1 5/8-12 UN	25	18,5	52	65	20	50	50	285	38,10	FI-GE-30S1-5/8U-B-W3
	38	315	1 5/8-12 UN	27,5	18,5	57	72	22,5	55	60	285	47,6	FI-GE-38S1-5/8U-B-W3
	38	315	1 7/18-12 UN	32	18,5	57	72	22,5	55	60	415	50,70	FI-GE-38S1-7/8U-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 11926-2/-3
Port acc. to ISO 11926-1

Torque recommendations for Steel mating material.