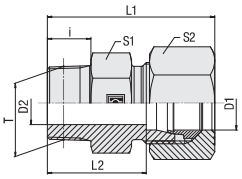
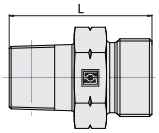
Straight Male Stud Fitting
Type FI-GE-...-N ▪ Series LL / L







NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	1/8 NPT	3	10	22	28	18	11	10	0,98	FI-GE-04LL1/8N-W3
	6	100	1/8 NPT	4,5	10	22	28	16,5	11	12	0,90	FI-GE-06LL1/8N-W3
	8	100	1/8 NPT	5	10	24	30	18,5	12	14	1,16	FI-GE-08LL1/8N-W3
L	6	315	1/8 NPT	4	10	24	32	17	12	14	1,21	FI-GE-06L1/8N-W3
	6	315	1/4 NPT	4	15,5	30	38	23	17	14	2,63	FI-GE-06L1/4N-W3
	6	315	3/8 NPT	4	15,5	31	39	24	19	14	4,01	FI-GE-06L3/8N-W3
	6	315	1/2 NPT	4	20	36	44	29	22	14	5,62	FI-GE-06L1/2N-W3
	8	315	1/8 NPT	4	10	25	33	18	14	17	1,65	FI-GE-08L1/8N-W3
	8	315	1/4 NPT	6	15	30	38	23	17	17	2,49	FI-GE-08L1/4N-W3
	8	315	3/8 NPT	6	15,5	30	38	23	19	17	3,70	FI-GE-08L3/8N-W3
	8	315	1/2 NPT	6	20	36	44	29	22	17	6,78	FI-GE-08L1/2N-W3
	10	315	1/8 NPT	4	10	25	33	18	17	19	1,90	FI-GE-10L1/8N-W3
	10	315	1/4 NPT	7	15	31	39	24	17	19	2,53	FI-GE-10L1/4N-W3
	10	315	3/8 NPT	7	15	32	40	25	19	19	3,97	FI-GE-10L3/8N-W3
	10	315	1/2 NPT	7	20	37	45	30	22	19	6,99	FI-GE-10L1/2N-W3
	10	315	3/4 NPT	8	20	38	46	31	27	19	5,67	FI-GE-10L3/4N-W3
	12	315	1/8 NPT	4	10	26	34	19	19	22	2,48	FI-GE-12L1/8N-W3
	12	315	1/4 NPT	7	15	32	40	25	19	22	3,21	FI-GE-12L1/4N-W3
	12	315	3/8 NPT	8	15	32	40	25	19	22	3,95	FI-GE-12L3/8N-W3
	12	315	1/2 NPT	10	20	37	45	30	24	22	6,48	FI-GE-12L1/2N-W3
	12	315	3/4 NPT	8	20	38	46	31	27	22	10,93	FI-GE-12L3/4N-W3
	15	315	1/4 NPT	7	15	33	41	26	24	27	4,72	FI-GE-15L1/4N-W3
	15	315	3/8 NPT	11	15,5	38	41	31	24	27	5,12	FI-GE-15L3/8N-W3
	15	315	1/2 NPT	12	20	38	46	31	24	27	6,44	FI-GE-15L1/2N-W3
	15	315	3/4 NPT	12	20	40	48	33	27	27	10,60	FI-GE-15L3/4N-W3

[1] Approximate 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 ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

Ordering Codes

FI-GE-10*L*1/4*N*-W3*-MS

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 65)	LL
	Light Series (pages 65/66)	L
	Heavy Series (pages 67/68)	S
* Thread Size	acc. to dimension table	1/4
Please always indicate thread sizes, e.g. 1/4!		
* Thread Type	NPT Thread	N
* 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

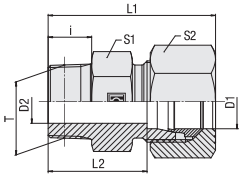

Union Nut
Type **FI-M** Page 33

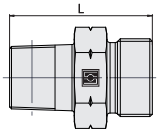

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







Ordering Codes

FI-GE-10*L*1/4*N*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 65)	**LL**
	Light Series (pages 65/66)	**L**
	Heavy Series (pages 67/68)	**S**
* Thread Size	acc. to dimension table	**1/4**
Please always indicate thread sizes, e.g. 1/4!		
* Thread Type	NPT Thread	**N**
* 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

NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
L	18	315	3/8 NPT	8	15,5	34	43	26,5	27	32	6,78	**FI-GE-18L3/8N-W3**
	18	315	1/2 NPT	12	20	39	48	31,5	27	32	8,10	**FI-GE-18L1/2N-W3**
	18	315	3/4 NPT	15	20	39	48	31,5	30	32	10,51	**FI-GE-18L3/4N-W3**
	18	315	1 NPT	15	25	45	54	37,5	36	32	16,85	**FI-GE-18L1N-W3**
	22	160	1/2 NPT	14	20	41	50	33,5	32	36	9,26	**FI-GE-22L1/2N-W3**
	22	160	3/4 NPT	16	20	41	50	33,5	32	36	11,07	**FI-GE-22L3/4N-W3**
	22	160	1 NPT	19	25	47	56	39,5	36	36	18,05	**FI-GE-22L1N-W3**
	28	160	3/4 NPT	18	20	42	51	34,5	41	41	18,00	**FI-GE-28L3/4N-W3**
	28	160	1 NPT	21	25	47	56	39,5	41	41	19,89	**FI-GE-28L1N-W3**
	28	160	1 1/4 NPT	24	26	49	58	41,5	46	41	27,00	**FI-GE-28L1-1/4N-W3**
	35	160	1 NPT	21	21	46	57	40,5	46	50	24,03	**FI-GE-35L1N-W3**
	35	160	1 1/4 NPT	28	26	51	62	40,5	46	50	39,59	**FI-GE-35L1-1/4N-W3**
	42	160	1 1/4 NPT	28	26	53	65	42	55	60	35,36	**FI-GE-42L1-1/4N-W3**
	42	160	1 1/2 NPT	36	26	53	65	42	55	60	35,36	**FI-GE-42L1-1/2N-W3**

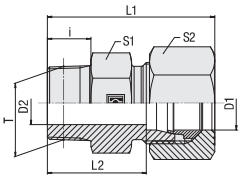
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

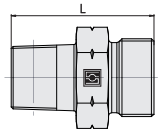
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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







C

NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	1/8 NPT	4	10	28	36	21	14	17	2,30	FI-GE-06S1/8N-W3
	6	630	1/4 NPT	4	15	35	43	28	17	17	3,71	FI-GE-06S1/4N-W3
	6	630	3/8 NPT	4	15,5	33	41	26	19	17	4,50	FI-GE-06S3/8N-W3
	6	630	1/2 NPT	12	20	38	45	30,5	22	17	8,8	FI-GE-06S1/2N-W3
	8	630	1/8 NPT	4	10	29,5	37,5	22,5	17	19	3,20	FI-GE-08S1/8N-W3
	8	630	1/4 NPT	5	15	35	43	28	17	19	3,81	FI-GE-08S1/4N-W3
	8	630	3/8 NPT	5	15,5	36	44	29	19	19	5,31	FI-GE-08S3/8N-W3
	8	630	1/2 NPT	5	20	40	48	33	22	19	8,17	FI-GE-08S1/2N-W3
	10	630	1/8 NPT	4	10	30	39	22,5	19	22	3,76	FI-GE-10S1/8N-W3
	10	630	1/4 NPT	5	15	35	44	27,5	19	22	4,36	FI-GE-10S1/4N-W3
	10	630	3/8 NPT	7	15	35	44	27,5	19	22	4,95	FI-GE-10S3/8N-W3
	10	630	1/2 NPT	7	20	38	47	30,5	22	22	7,32	FI-GE-10S1/2N-W3
	12	630	1/4 NPT	5	15	37	46	29,5	22	24	4,84	FI-GE-12S1/4N-W3
	12	630	3/8 NPT	8	15	37	46	29,5	22	24	6,21	FI-GE-12S3/8N-W3
	12	630	1/2 NPT	8	20	42	51	34,5	22	24	8,52	FI-GE-12S1/2N-W3
	12	630	3/4 NPT	8	20	44	53	36,5	30	24	12,38	FI-GE-12S3/4N-W3
	14	630	3/8 NPT	8	15,5	39	49	31	24	27	7,32	FI-GE-14S3/8N-W3
	14	630	1/2 NPT	10	20	44	54	36	24	27	6,76	FI-GE-14S1/2N-W3
	14	630	3/4 NPT	16	20	46	56	38	32	27	15,36	FI-GE-14S3/4N-W3
	16	400	3/8 NPT	8	15	39	49	30,5	27	30	8,66	FI-GE-16S3/8N-W3
	16	400	1/2 NPT	12	20	44	54	35,5	27	30	4,42	FI-GE-16S1/2N-W3
	16	400	3/4 NPT	12	20	45	55	36,5	30	30	13,97	FI-GE-16S3/4N-W3

[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 ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.

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*1/4*N*-W3*-MS

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 65)	LL
	Light Series (pages 65/66)	L
	Heavy Series (pages 67/68)	S
* Thread Size	acc. to dimension table	1/4
Please always indicate thread sizes, e.g. 1/4!		
* Thread Type	NPT Thread	N
* 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

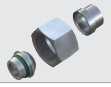

Cutting Ring
Type **FI-DS** Page 28


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

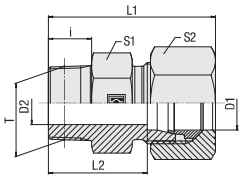

Union Nut
Type **FI-M** Page 33

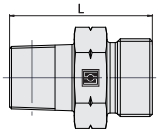

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







NPT Thread

Ordering Codes

FI-GE-10*S*1/4*N*-W3*-MS

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 65)	LL
	Light Series (pages 65/66)	L
	Heavy Series (pages 67/68)	S
* Thread Size	acc. to dimension table	1/4
Please always indicate thread sizes, e.g. 1/4!		
* Thread Type	NPT Thread	N
* 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	Weight kg ca. per 100	Ordering Codes[3]
S	20	400	1/2 NPT	12	20	48	59	37,5	32	36	12,18	FI-GE-20S1/2N-W3
	20	400	3/4 NPT	16	20	48	59	37,5	32	36	15,05	FI-GE-20S3/4N-W3
	20	400	1 NPT	16	25	55	66	44,5	36	36	25,37	FI-GE-20S1N-W3
	25	400	1/2 NPT	20	20	57	59	45	41	46	30,60	FI-GE-25S1/2N-W3
	25	400	3/4 NPT	16	20	52	64	40	41	46	23,86	FI-GE-25S3/4N-W3
	25	400	1 NPT	20	25	57	69	45	41	46	28,19	FI-GE-25S1N-W3
	25	400	1 1/4 NPT	20	26	58	70	46	46	46	47,00	FI-GE-25S1-1/4N-W3
	30	400	3/4 NPT	16	20	54	67	40,5	46	50	31,29	FI-GE-30S3/4N-W3
	30	400	1 NPT	20	25	59	72	45,5	46	50	34,70	FI-GE-30S1N-W3
	30	400	1 1/4 NPT	25	26	60	73	46,5	46	50	36,50	FI-GE-30S1-1/4N-W3
	30	400	1 1/2 NPT	25	26	60	73	46,5	50	50	36,50	FI-GE-30S1-1/2N-W3
	38	315	1 NPT	20	25	64	79	48	55	60	53,6	FI-GE-38S1N-W3
	38	315	1 1/4 NPT	25	26	65	80	49	55	60	50,70	FI-GE-38S1-1/4N-W3
	38	315	1 1/2 NPT	32	26	65	80	49	55	60	50,70	FI-GE-38S1-1/2N-W3

[1] Approximate 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 ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

Suitable liquid / plastic sealant required.