

Straight Male Stud Fitting **40-73**

FI-GE



Whitworth Parallel Pipe Thread (BSPP) /
Metallic Sealing Edge **40**
FI-GE-...-R



Metric Parallel Thread /
Metallic Sealing Edge **44**
FI-GE-...-M



Whitworth Parallel Pipe Thread (BSPP) /
Profile Sealing Ring **48**
FI-GE-...-R-WD



Metric Parallel Thread /
Profile Sealing Ring **52**
FI-GE-...-M-WD



BSPP Thread / 60° Conical Bore /
Sealing Surface for Gaskets **55**
FI-GE-...-R-DF



Metric Parallel Thread /
O-Ring **57**
FI-GE-...-M-OR



Whitworth Taper Pipe Thread (BSPT)
60
FI-GE-...-Rk



Metric Taper Thread
64
FI-GE-...-Mk



NPT Thread
65
FI-GE-...-N



UN/UNF Thread /
O-Ring **70**
FI-GE-...-U

Male Stud Elbow
FI-WE
74-81


Whitworth Parallel Pipe Thread (BSPP) / Metallic Sealing Edge
FI-WE-...-R
74


Metric Parallel Thread / Metallic Sealing Edge
FI-WE-...-M
75


Whitworth Taper Pipe Thread (BSPT)
FI-WE-...-Rk
76


Metric Taper Thread
FI-WE-...-Mk
78


NPT Thread
FI-WE-...-N
80

Male Stud Branch Tee
FI-TE
82-87


Whitworth Parallel Pipe Thread (BSPP) / Metallic Sealing Edge
FI-TE-...-R
82


Metric Parallel Thread / Metallic Sealing Edge
FI-TE-...-M
83


Whitworth Taper Pipe Thread (BSPT)
FI-TE-...-Rk
84


Metric Taper Thread
FI-TE-...-Mk
85


NPT Thread
FI-TE-...-N
86

Male Stud Barrel Tee
FI-LE
88-93


Whitworth Parallel Pipe Thread (BSPP) / Metallic Sealing Edge
FI-LE-...-R
88


Metric Parallel Thread / Metallic Sealing Edge
FI-LE-...-M
89


Whitworth Taper Pipe Thread (BSPT)
FI-LE-...-Rk
90


Metric Taper Thread
FI-LE-...-Mk
91

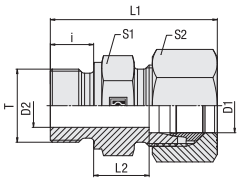

NPT Thread
FI-LE-...-N
92

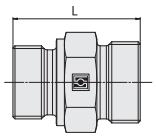
C

C

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







Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

***FI-GE*-10*L*R*-W3*-MS**

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 40)	**LL**
	Light Series (pages 40/41)	**L**
	Heavy Series (pages 42/43)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* 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	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	G 1/8	3	8	21,5	25,5	9,5	14	10	25	1,17	FI-GE-04LLR-W3
	6	100	G 1/8	4	8	21,5	25,5	8	14	12	25	1,16	FI-GE-06LLR-W3
	8	100	G 1/8	4	8	22,5	26,5	9	14	14	25	1,33	FI-GE-08LLR-W3
	10	100	G 1/4	6	12	28	35	10,5	19	17	55	2,66	FI-GE-10LLR-W3
L	6	400	G 1/8	4	8	23,5	31,5	8,5	14	14	25	1,37	FI-GE-06LR-W3
	6	400	G 1/4	4	12	29	37	10	19	14	55	2,84	FI-GE-06LR1/4-W3
	6	400	G 3/8	4	12	30,5	38,5	11,5	22	14	95	4,13	FI-GE-06LR3/8-W3
	6	400	G 1/2	4	14	33	41	12	27	14	185	6,48	FI-GE-06LR1/2-W3
	8	400	G 1/8	4	8	24,5	32,5	9,5	14	17	25	1,61	FI-GE-08LR1/8-W3
	8	400	G 1/4	6	12	29	37	10	19	17	55	2,72	FI-GE-08LR-W3
	8	400	G 3/8	6	12	30,5	38,5	11	22	17	95	4,46	FI-GE-08LR3/8-W3
	8	400	G 1/2	6	14	33	41	12	27	17	185	7,51	FI-GE-08LR1/2-W3
	10	400	G 1/8	4	8	25,5	33,5	10,5	17	19	25	2,00	FI-GE-10LR1/8-W3
	10	400	G 1/4	6	12	30	38	11	19	19	55	2,95	FI-GE-10LR-W3
	10	400	G 3/8	8	12	31,5	39,5	12,5	22	19	95	4,29	FI-GE-10LR3/8-W3
	10	400	G 1/2	8	14	34	42	13	27	19	185	7,08	FI-GE-10LR1/2-W3
	10	400	G 3/4	8	16	37,5	45,5	14,5	32	19	250	9,29	FI-GE-10LR3/4-W3
	12	400	G 1/8	4	8	26,5	34,5	11,5	19	22	25	2,49	FI-GE-12LR1/8-W3
	12	400	G 1/4	6	12	31	39	12	19	22	55	3,10	FI-GE-12LR1/4-W3
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	95	4,24	FI-GE-12LR-W3
	12	400	G 1/2	10	14	34	42	13	27	22	185	6,67	FI-GE-12LR1/2-W3
	12	400	G 3/4	10	16	37	45	14	32	22	250	10,83	FI-GE-12LR3/4-W3

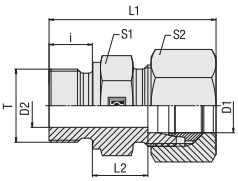
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

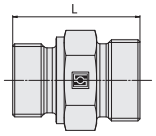
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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







Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

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	15	400	G 1/4	6	12	33	41	14	24	27	55	4,93	**FI-GE-15LR1/4-W3**
	15	400	G 3/8	9	12	32,5	40,5	13	24	27	95	5,03	**FI-GE-15LR3/8-W3**
	15	400	G 1/2	11	14	35	43	14	27	27	185	6,53	**FI-GE-15LR-W3**
	15	400	G 3/4	12	16	38	46	15	32	27	250	10,06	**FI-GE-15LR3/4-W3**
	18	200	G 3/8	9	12	33,5	42,5	14	27	32	95	6,41	**FI-GE-18LR3/8-W3**
	18	200	G 1/2	14	14	36	45	14,5	27	32	185	7,13	**FI-GE-18LR-W3**
	18	200	G 3/4	15	16	38	47	14,5	32	32	250	11,28	**FI-GE-18LR3/4-W3**
	18	200	G 1	15	18	40	49	14,5	41	32	400	15,87	**FI-GE-18LR1-W3**
	22	200	G 1/2	14	14	38	47	16,5	32	36	185	8,57	**FI-GE-22LR1/2-W3**
	22	200	G 3/4	18	16	40	49	16,5	32	36	250	10,48	**FI-GE-22LR-W3**
	22	200	G 1	19	18	43	52	17,5	41	36	400	19,17	**FI-GE-22LR1-W3**
	28	200	G 1/2	14	14	39	48	17,5	41	41	185	6,11	**FI-GE-28LR1/2-W3**
	28	200	G 3/4	18	16	41	50	17,5	41	41	250	14,42	**FI-GE-28LR3/4-W3**
	28	200	G 1	23	18	43	52	17,5	41	41	400	17,08	**FI-GE-28LR-W3**
	28	200	G 1 1/4	24	20	46	55	18,5	50	41	670	13,40	**FI-GE-28LR1-1/4-W3**
	28	200	G 1 1/2	36	22	50	65	20,5	55	41	800	33,31	**FI-GE-28LR1-1/2-W3**
	35	200	G 1	23	18	46	57	17,5	46	50	400	22,45	**FI-GE-35LR1-W3**
	35	200	G 1 1/4	30	20	48	59	17,5	50	50	670	27,69	**FI-GE-35LR-W3**
	35	200	G 1 1/2	30	22	52	63	19,5	55	50	800	42,63	**FI-GE-35LR1-1/2-W3**
	42	200	G 1	23	18	48	60	19	55	60	400	32,20	**FI-GE-42LR1-W3**
	42	200	G 1 1/4	30	20	50	62	19	55	60	670	34,71	**FI-GE-42LR1-1/4-W3**
	42	200	G 1 1/2	36	22	52	64	19	55	60	800	34,78	**FI-GE-42LR-W3**

[1] Approx.imate 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 DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-GE-10*L*R*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 40)	**LL**
	Light Series (pages 40/41)	**L**
	Heavy Series (pages 42/43)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* 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

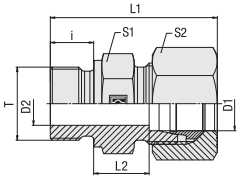

Union Nut
Type **FI-M** Page 33

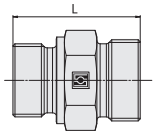

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

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

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 40)	**LL**
	Light Series (pages 40/41)	**L**
	Heavy Series (pages 42/43)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* 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	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
S	6	500	G 1/8	4	8	28	36	13	17	17	30	2,55	FI-GE-06SR1/8-W3
	6	630	G 1/4	4	12	32	40	13	19	17	80	3,49	FI-GE-06SR-W3
	6	630	G 3/8	4	12	34,5	42,5	15,5	22	17	130	2,29	FI-GE-06SR3/8-W3
	6	630	G 1/2	4	14	39	47	18	27	17	220	9,40	FI-GE-06SR1/2-W3
	8	630	G 1/4	5	12	34	42	15	19	19	80	4,06	FI-GE-08SR-W3
	8	630	G 3/8	5	12	34,5	42,5	15,5	22	19	130	5,77	FI-GE-08SR3/8-W3
	8	630	G 1/2	5	14	39	47	18	27	19	220	9,91	FI-GE-08SR1/2-W3
	10	630	G 1/4	5	12	34	43	14,5	19	22	80	4,35	FI-GE-10SR1/4-W3
	10	630	G 3/8	7	12	34,5	43,5	15	22	22	130	5,68	FI-GE-10SR-W3
	10	630	G 1/2	7	14	39	48	17,5	27	22	220	9,73	FI-GE-10SR1/2-W3
	12	630	G 1/4	5	12	36	45	16,5	22	24	80	5,93	FI-GE-12SR1/4-W3
	12	630	G 3/8	8	12	36,5	45,5	17	22	24	130	5,02	FI-GE-12SR-W3
	12	630	G 1/2	8	14	39	48	17,5	27	24	220	9,72	FI-GE-12SR1/2-W3
	12	630	G 3/4	8	16	43	52	19,5	32	24	350	16,48	FI-GE-12SR3/4-W3
	14	400	G 1/4	5	12	36	46	16	22	27	80	6,72	FI-GE-14SR1/4-W3
	14	400	G 3/8	8	12	38,5	48,5	18,5	22	27	130	6,95	FI-GE-14SR3/8-W3
	14	400	G 1/2	10	14	41	51	19	27	27	220	9,79	FI-GE-14SR-W3
	14	400	G 3/4	10	16	45	55	21	32	27	350	16,30	FI-GE-14SR3/4-W3
	16	400	G 3/8	8	12	38,5	48,5	18	27	30	130	6,42	FI-GE-16SR3/8-W3
	16	400	G 1/2	12	14	41	51	18,5	27	30	220	9,15	FI-GE-16SR-W3
	16	400	G 3/4	12	16	45	55	20,5	32	30	350	15,75	FI-GE-16SR3/4-W3
	16	400	G 1	20	18	49	60	22,5	41	30	700	24,6	FI-GE-16SR1-W3

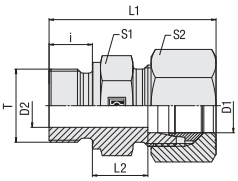
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

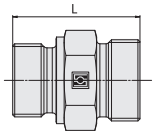
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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







Metallic Sealing Edge

Whitworth Parallel Pipe Thread (BSPP)

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	20	250	G 1/2	12	14	45	56	20,5	32	36	220	13,69	**FI-GE-20SR1/2-W3**
	20	250	G 3/4	16	16	47	58	20,5	32	36	350	15,24	**FI-GE-20SR-W3**
	20	250	G 1	16	18	51	62	22,5	41	36	700	25,90	**FI-GE-20SR1-W3**
	25	250	G 3/4	16	16	51	63	23	41	46	350	24,73	**FI-GE-25SR3/4-W3**
	25	250	G 1	20	18	53	65	23	41	46	700	26,89	**FI-GE-25SR-W3**
	25	250	G 1 1/4	20	20	55	67	23	50	46	850	23,28	**FI-GE-25SR1-1/4-W3**
	30	200	G 3/4	16	16	53	68	23,5	46	50	350	31,08	**FI-GE-30SR3/4-W3**
	30	200	G 1	20	18	55	68	23,5	46	50	700	33,52	**FI-GE-30SR1-W3**
	30	200	G 1 1/4	25	20	57	70	23,5	50	50	850	42,11	**FI-GE-30SR-W3**
	30	200	G 1 1/2	25	22	59	72	23,5	55	50	1000	57,10	**FI-GE-30SR1-1/2-W3**
	38	200	G 1	20	18	62	77	28	55	60	700	52,40	**FI-GE-38SR1-W3**
	38	200	G 1 1/4	25	20	62	75	26	55	60	850	57,22	**FI-GE-38SR1-1/4-W3**
	38	200	G 1 1/2	32	22	64	77	26	55	60	1000	56,30	**FI-GE-38SR-W3**

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

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Please contact STAUFF prior to the assembly for further information.

Male stud acc. to DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Ordering Codes

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

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 40)	**LL**
	Light Series (pages 40/41)	**L**
	Heavy Series (pages 42/43)	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/8!		
* 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

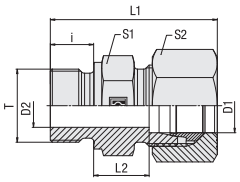

Union Nut
Type **FI-M** Page 33

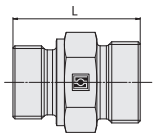

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







Metric Parallel Thread

Metallic Sealing Edge

Ordering Codes

***FI-GE*-10*L*M*-W3*-MS**

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 44)	**LL**
	Light Series (pages 44/45)	**L**
	Heavy Series (page 46)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* 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	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	M 8 x 1	3	8	21,5	27	9,5	12	10	14	0,84	FI-GE-04LLM-W3
	6	100	M 6 x 1	2	8	21,5	27	8	12	12	5	0,74	FI-GE-06LLM6x1-W3
	6	100	M 8 x 1	3	8	21,5	27	8	12	12	14	0,88	FI-GE-06LLM8x1-W3
	6	100	M 10 x 1	4,5	8	21,5	27	8	14	12	25	1,17	FI-GE-06LLM-W3
	8	100	M 10 x 1	5	8	22,5	28	9	14	14	25	1,25	FI-GE-08LLM-W3
L	6	100	M 8 x 1	3	8	23,5	31	8,5	14	14	14	1,29	FI-GE-06LM8x1-W3
	6	400	M 10 x 1	4	8	23,5	31,5	8,5	14	14	25	1,38	FI-GE-06LM-W3
	6	400	M 12 x 1,5	4	12	29	37	10	17	14	45	2,26	FI-GE-06LM12x1.5-W3
	6	400	M 14 x 1,5	4	12	30	38	11	19	14	70	2,89	FI-GE-06LM14x1.5-W3
	8	400	M 10 x 1	4	8	23,5	31,5	8,5	14	17	25	1,53	FI-GE-08LM10x1-W3
	8	400	M 12 x 1,5	6	12	29	37	10	17	17	45	2,21	FI-GE-08LM-W3
	8	400	M 14 x 1,5	6	12	30	38	11	19	17	70	3,11	FI-GE-08LM14x1.5-W3
	8	400	M 16 x 1,5	6	12	30	38	11	22	17	90	4,05	FI-GE-08LM16x1.5-W3
	8	400	M 18 x 1,5	6	12	30,5	38,5	11,5	24	17	120	4,34	FI-GE-08LM18x1.5-W3
	8	400	M 22 x 1.5	14	14	34	40	13	27	17	170	6,46	FI-GE-08LM22x1.5-W3
	10	400	M 10 x 1	4	8	25,5	33,5	1,5	17	19	25	2,20	FI-GE-10LM10x1-W3
	10	400	M 12 x 1,5	6	12	30	38	11	17	19	45	2,38	FI-GE-10LM12x1.5-W3
	10	400	M 14 x 1,5	7	12	30	38	11	19	19	70	2,94	FI-GE-10LM-W3
	10	400	M 16 x 1,5	8	12	31,5	39,5	12,5	22	19	90	4,05	FI-GE-10LM16x1.5-W3
	10	400	M 18 x 1,5	8	12	31,5	39,5	12,5	24	19	120	4,94	FI-GE-10LM18x1.5-W3
	10	400	M 22 x 1,5	8	14	34	42	13	27	19	170	7,36	FI-GE-10LM22x1.5-W3
	12	400	M 12 x 1,5	6	12	30	38	11	19	22	45	2,84	FI-GE-12LM12x1.5-W3
	12	400	M 14 x 1,5	7	12	30	38	11	19	22	70	3,06	FI-GE-12LM14x1.5-W3
	12	400	M 16 x 1,5	9	12	31,5	39,5	12,5	22	22	90	3,92	FI-GE-12LM-W3
	12	400	M 18 x 1,5	10	12	31,5	39,5	12,5	24	22	120	4,90	FI-GE-12LM18x1.5-W3
	12	400	M 22 x 1,5	10	14	35	43	14	27	22	170	6,96	FI-GE-12LM22x1.5-W3

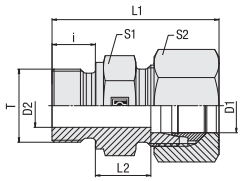
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

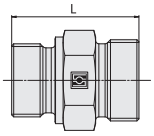
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

Torque recommendations for Steel mating material.

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







Metric Parallel Thread

Metallic Sealing Edge

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	15	400	M 16 x 1,5	9	12	32	40	13	24	27	90	5,15	**FI-GE-15LM16x1.5-W3**
	15	400	M 18 x 1,5	11	12	32,5	45	13,5	24	27	120	5,28	**FI-GE-15LM-W3**
	15	400	M 22 x 1,5	12	14	35	43	14	27	27	170	7,15	**FI-GE-15LM22x1.5-W3**
	18	400	M 18 x 1,5	11	12	33,5	42,5	14	27	32	120	6,26	**FI-GE-18LM18x1.5-W3**
	18	400	M 22 x 1,5	14	14	36	45	14,5	27	32	170	7,60	**FI-GE-18LM-W3**
	18	250	M 26 x 1,5	15	16	38	47	14,5	32	32	230	10,88	**FI-GE-18LM26x1.5-W3**
	22	250	M 22 x 1,5	14	14	38	47	16,5	32	36	170	9,10	**FI-GE-22LM22x1.5-W3**
	22	250	M 26 x 1,5	18	16	40	49	16,5	32	36	230	10,34	**FI-GE-22LM-W3**
	22	250	M 33 x 2	23	18	43	53	17,5	41	36	400	16,15	**FI-GE-22LM33x2-W3**
	28	250	M 26 x 1.5	18	16	41	51	17,5	41	41	230	14,46	**FI-GE-28LM26x1.5-W3**
	28	250	M 33 x 2	23	18	43	52	17,5	41	41	400	17,13	**FI-GE-28LM-W3**
	35	200	M 42 x 2	30	20	48	59	17,5	50	50	700	27,85	**FI-GE-35LM-W3**
	42	200	M 48 x 2	36	22	52	64	19	55	60	900	35,91	**FI-GE-42LM-W3**

[1] Approx.imate 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 DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-GE-10*L*M*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 44)	**LL**
	Light Series (pages 44/45)	**L**
	Heavy Series (page 46)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* 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

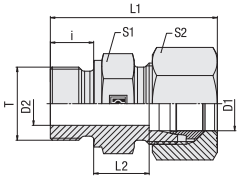

Union Nut
Type **FI-M** Page 33

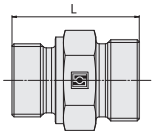

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







Metallic Sealing Edge

Metric Parallel Thread

Ordering Codes

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

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 44)	**LL**
	Light Series (pages 44/45)	**L**
	Heavy Series (page 46)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* 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	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	M 12 x 1,5	4	12	32	40	13	17	17	60	2,99	FI-GE-06SM-W3
	8	630	M 14 x 1,5	5	12	34	42	15	19	19	80	4,26	FI-GE-08SM-W3
	10	630	M 14 x 1,5	5	12	34,5	42	15	19	22	80	4,63	FI-GE-10SM14x1.5-W3
	10	630	M 16 x 1,5	7	12	34,5	43,5	15	22	22	130	5,46	FI-GE-10SM-W3
	10	630	M 18 x 1,5	7	12	36,5	45,5	17	24	22	190	7,66	FI-GE-10SM18x1.5-W3
	10	630	M 22 x 1,5	12	14	39	47	17,5	27	22	300	9,18	FI-GE-10SM22x1.5-W3
	12	630	M 14 x 1,5	5	12	36	45	17	22	24	80	6,00	FI-GE-12SM14x1.5-W3
	12	630	M 16 x 1,5	7	12	24,5	48	17	22	24	130	6,12	FI-GE-12SM16x1.5-W3
	12	630	M 18 x 1,5	8	12	36,5	45,5	17	24	24	190	7,19	FI-GE-12SM-W3
	12	630	M 22 x 1,5	8	14	39	48	17,5	27	24	300	9,28	FI-GE-12SM22x1.5-W3
	14	400	M 18 x 1,5	8	12	39	48	19	27	27	190	9,10	FI-GE-14SM18x1.5-W3
	14	400	M 20 x 1,5	10	14	41	51	19	27	27	220	9,49	FI-GE-14SM-W3
	16	400	M 18 x 1,5	8	12	38,5	48,5	18	27	30	190	7,82	FI-GE-16SM18x1.5-W3
	16	400	M 22 x 1,5	12	14	41	51	18,5	27	30	300	9,75	FI-GE-16SM-W3
	16	400	M 27 x 2	16	16	45	55	20,5	32	30	420	14,29	FI-GE-16SM27x2-W3
	20	400	M 18 x 1,5	8	12	42,5	54	20	32	36	190	13,64	FI-GE-20SM18x1.5-W3
	20	400	M 22 x 1,5	12	14	47	58	22,5	32	36	300	13,95	FI-GE-20SM22x1.5-W3
	20	400	M 27 x 2	16	16	47	58	20,5	32	36	420	15,12	FI-GE-20SM-W3
	25	400	M 33 x 2	20	18	53	65	23	41	46	600	26,71	FI-GE-25SM-W3
	30	200	M 42 x 2	25	20	57	70	23,5	50	50	700	42.96	FI-GE-30SM-W3
	38	200	M 48 x 2	32	22	64	79	26	55	60	950	56,40	FI-GE-38SM-W3

[1] Approx.imate 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.

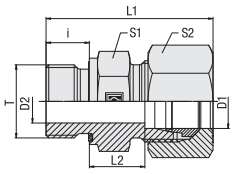
Male stud acc. to DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

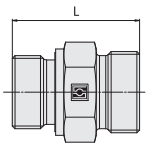
Torque recommendations for Steel mating material.

C

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







Ordering Codes

FI-GE-10*L*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**
* 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

Whitworth Parallel Pipe Thread (BSPP) **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]
LL	6	100	G 1/8	4	8	21,5	28	8	14	12	18	1,14	FI-GE-06LLR-WD-B-W3
L	6	500	G 1/8	4	8	23,5	31,5	8,5	14	14	18	1,33	FI-GE-06LR-WD-B-W3
	6	500	G 1/4	4	12	29	37	10	19	14	35	2,74	FI-GE-06LR1/4-WD-B-W3
	6	400	G 3/8	4	12	30,5	38,5	11,5	22	14	70	4,03	FI-GE-06LR3/8-WD-B-W3
	6	400	G 1/2	4	14	33	41	12	27	14	90	6,37	FI-GE-06LR1/2-WD-B-W3
	8	500	G 1/8	4	8	24,5	32,5	9,5	14	17	18	1,61	FI-GE-08LR1/8-WD-B-W3
	8	500	G 1/4	6	12	29	37	10	19	17	35	2,65	FI-GE-08LR-WD-B-W3
	8	400	G 3/8	6	12	30,5	38,5	11,5	22	17	70	4,35	FI-GE-08LR3/8-WD-B-W3
	8	400	G 1/2	6	14	33	41	12	27	17	90	6,58	FI-GE-08LR1/2-WD-B-W3
	10	500	G 1/8	4	8	25,5	33,5	10,5	17	19	18	2,05	FI-GE-10LR1/8-WD-B-W3
	10	500	G 1/4	6	12	30	38	11	19	19	35	2,88	FI-GE-10LR-WD-B-W3
	10	500	G 3/8	8	12	31,5	39,5	12,5	22	19	70	4,15	FI-GE-10LR3/8-WD-B-W3
	10	400	G 1/2	8	14	34	42	13	27	19	90	7,10	FI-GE-10LR1/2-WD-B-W3
	12	400	G 1/8	4	8	26,5	34,5	11,5	19	22	18	2,55	FI-GE-12LR1/8-WD-B-W3
	12	400	G 1/4	6	12	31	39	12	19	22	35	3,05	FI-GE-12LR1/4-WD-B-W3
	12	400	G 3/8	9	12	31,5	39,5	12,5	22	22	70	4,14	FI-GE-12LR-WD-B-W3
	12	400	G 1/2	10	14	34	42	13	27	22	90	6,65	FI-GE-12LR1/2-WD-B-W3
	12	250	G 3/4	10	16	37	45	14	32	22	180	9,25	FI-GE-12LR3/4-WD-B-W3
	15	400	G 1/4	7	12	31,5	39,5	12,5	22	27	35	4,07	FI-GE-15LR1/4-WD-B-W3
	15	400	G 3/8	9	12	32,5	40,5	13,5	24	27	70	5,32	FI-GE-15LR3/8-WD-B-W3
	15	400	G 1/2	12	14	35	43	14	27	27	90	6,62	FI-GE-15LR-WD-B-W3
	15	250	G 3/4	12	16	38	46	15	32	27	180	11,80	FI-GE-15LR3/4-WD-B-W3
	15	250	G 1	12	18	42,5	49	17,5	41	27	310	22,61	FI-GE-15LR1-WD-B-W3

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

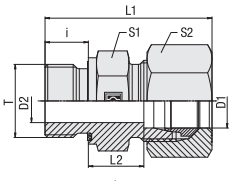
Standard seal material is NBR (Buna-N®).

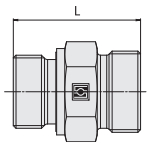
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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







C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

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	G 3/8	9	12	33,5	42,5	14	27	32	70	6,56	**FI-GE-18LR3/8-WD-B-W3**
	18	400	G 1/2	14	14	36	45	14,5	27	32	90	7,01	**FI-GE-18LR-WD-B-W3**
	18	250	G 3/4	15	16	38	47	14,5	32	32	180	10,89	**FI-GE-18LR3/4-WD-B-W3**
	18	250	G 1	22	18	43	48	17,5	41	32	310	18,44	**FI-GE-18LR1-WD-B-W3**
	22	250	G 1/2	14	14	38	47	16,5	32	36	90	8,75	**FI-GE-22LR1/2-WD-B-W3**
	22	250	G 3/4	18	16	40	49	16,5	32	36	180	10,28	**FI-GE-22LR-WD-B-W3**
	22	250	G 1	19	18	43	52	17,5	41	36	310	18,57	**FI-GE-22LR1-WD-B-W3**
	22	250	G 1 1/4	30	20	46	55	18,5	50	36	450	26,41	**FI-GE-22LR1-1/4-WD-B-W3**
	28	250	G 3/4	18	16	41	50	17,5	41	41	180	14,97	**FI-GE-28LR3/4-WD-B-W3**
	28	250	G 1	23	18	43	52	17,5	41	41	310	15,83	**FI-GE-28LR-WD-B-W3**
	28	250	G 1 1/4	24	20	45	54	17,5	50	41	450	13,40	**FI-GE-28LR1-1/4-WD-B-W3**
	35	250	G 3/4	18	16	44	55	17	46	50	180	20,71	**FI-GE-35LR3/4-WD-B-W3**
	35	250	G 1	23	18	46	57	17,5	46	50	310	22,15	**FI-GE-35LR1-WD-B-W3**
	35	250	G 1 1/4	30	20	48	59	17,5	50	50	450	27,23	**FI-GE-35LR-WD-B-W3**
	35	250	G 1 1/2	30	22	52	63	19,5	55	50	540	42,18	**FI-GE-35LR1-1/2-WD-B-W3**
	42	250	G 1	23	18	48	60	19	55	60	310	31,72	**FI-GE-42LR1-WD-B-W3**
	42	250	G 1 1/4	30	20	50	62	19	55	60	450	34,03	**FI-GE-42LR1-1/4-WD-B-W3**
	42	250	G 1 1/2	36	22	52	64	19	55	60	540	34,37	**FI-GE-42LR-WD-B-W3**

[1] Approx.imate 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 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-GE-10*L*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**
* 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

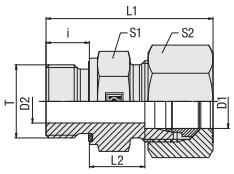
Spare Parts / Accessories

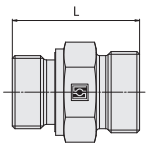

Profile Sealing Ring
Type **WDG** Page 238

C

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







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**
* 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

Whitworth Parallel Pipe Thread (BSPP) **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]
S	6	800	G 1/8	4	8	27,5	35,5	12,5	17	17	25	2,49	FI-GE-06SR1/8-WD-B-W3
	6	800	G 1/4	4	12	32	40	13	19	17	55	3,46	FI-GE-06SR-WD-B-W3
	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
	6	800	G 1/2	4	14	39	47	18	27	17	115	8,22	FI-GE-06SR1/2-WD-B-W3
	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
	8	800	G 1/4	5	12	34	42	15	19	19	55	4,00	FI-GE-08SR-WD-B-W3
	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
	8	800	G 1/2	5	14	39	47	18	27	19	115	9,92	FI-GE-08SR1/2-WD-B-W3
	10	800	G 1/4	5	12	34	43	14,5	19	22	55	4,22	FI-GE-10SR1/4-WD-B-W3
	10	800	G 3/8	7	12	34,5	43,5	15	22	22	80	5,60	FI-GE-10SR-WD-B-W3
	10	800	G 1/2	7	14	39	47	17,5	27	22	115	9,57	FI-GE-10SR1/2-WD-B-W3
	12	630	G 1/4	5	12	36	44	16,5	22	24	55	5,60	FI-GE-12SR1/4-WD-B-W3
	12	630	G 3/8	8	12	36,5	45	17	22	24	80	6,25	FI-GE-12SR-WD-B-W3
	12	630	G 1/2	8	14	39	48	17,5	27	24	115	9,52	FI-GE-12SR1/2-WD-B-W3
	12	630	G 3/4	8	16	41	50	17,5	32	24	180	12,83	FI-GE-12SR3/4-WD-B-W3
	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
	14	630	G 1/2	10	14	41	51	19	27	27	115	9,67	FI-GE-14SR-WD-B-W3
	14	630	G 3/4	10	16	45	55	21	32	27	180	14,90	FI-GE-14SR3/4-WD-B-W3
	16	630	G 1/4	7	12	38	48	17,5	27	30	55	8,12	FI-GE-16SR1/4-WD-B-W3
	16	630	G 3/8	8	12	38,5	48,5	18	27	30	80	7,53	FI-GE-16SR3/8-WD-B-W3
	16	630	G 1/2	12	14	41	51	18,5	27	30	115	9,08	FI-GE-16SR-WD-B-W3
	16	630	G 3/4	12	16	45	55	20,5	32	30	180	15,51	FI-GE-16SR3/4-WD-B-W3
	16	420	G 1	12	18	49	59	22,5	41	30	310	25,20	FI-GE-16SR1-WD-B-W3

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

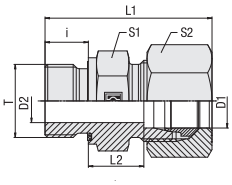
Standard seal material is NBR (Buna-N®).

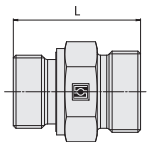
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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







C

Profile Sealing Ring

Whitworth Parallel Pipe Thread (BSPP)

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	20	420	G 1/2	12	14	45	56	20,5	32	36	115	13,76	FI-GE-20SR1/2-WD-B-W3
	20	420	G 3/4	16	16	47	58	20,5	32	36	180	14,86	FI-GE-20SR-WD-B-W3
	20	420	G 1	16	18	51	62	22,5	41	36	310	21,90	FI-GE-20SR1-WD-B-W3
	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
	25	400	G 1/2	12	14	49	61	23	41	46	115	23,49	FI-GE-25SR1/2-WD-B-W3
	25	420	G 3/4	16	16	51	63	23	41	46	180	20,33	FI-GE-25SR3/4-WD-B-W3
	25	420	G 1	20	18	53	65	23	41	46	310	26,75	FI-GE-25SR-WD-B-W3
	25	420	G 1 1/4	20	20	55	67	23	50	46	450	23,28	FI-GE-25SR1-1/4-WD-B-W3
	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
	30	420	G 3/4	16	16	53	66	23,5	46	50	180	31,16	FI-GE-30SR3/4-WD-B-W3
	30	420	G 1	20	18	55	68	23,5	46	50	310	33,20	FI-GE-30SR1-WD-B-W3
	30	420	G 1 1/4	25	20	57	70	23,5	50	50	450	41,74	FI-GE-30SR-WD-B-W3
	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
	38	420	G 3/4	16	16	58	73	26	55	60	180	50,1	FI-GE-38SR3/4-WD-B-W3
	38	420	G 1	20	18	60	75	26	55	50	310	52,00	FI-GE-38SR1-WD-B-W3
	38	420	G 1 1/4	25	20	62	77	26	55	60	450	57,22	FI-GE-38SR1-1/4-WD-B-W3
	38	420	G 1 1/2	32	22	64	79	26	55	60	540	55,90	FI-GE-38SR-WD-B-W3
	38	250	G 2	32	24	66,5	81,5	26,5	75	60	750	98,3	FI-GE-38SR2-WD-B-W3

[1] Approx.imate 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 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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**
* 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

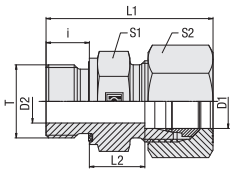
Spare Parts / Accessories

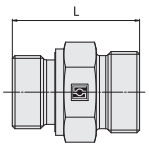

Profile Sealing Ring
Type **WDG** Page 238

C

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

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]
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
	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 1,5	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] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

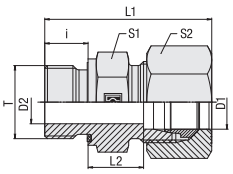
Standard seal material is NBR (Buna-N®).

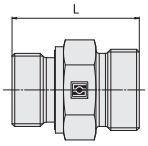
Male stud acc. to ISO 9974-2 (Type E)
Port acc. to ISO 9974-1

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.

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 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] Approx.imate 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

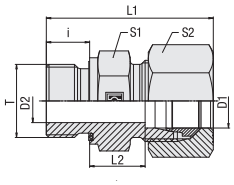
Spare Parts / Accessories

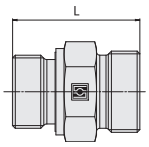

Profile Sealing Ring
Type **WDG** Page 238

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

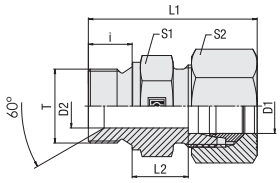
Standard seal material is NBR (Buna-N®).

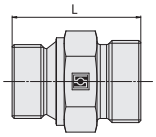
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to ISO 9974-2 (Type E)
Port acc. to ISO 9974-1

Torque recommendations for Steel mating material.

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







C

Whitworth Parallel Pipe Thread (BSPP) 60° Conical Bore / Sealing Surface for Gaskets

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	250	G 1/8	3,5	8	23,5	31,5	8,5	14	14	20	1,38	FI-GE-06LR-DF-W3
	6	250	G 1/4	4	12	29	36	10	19	14	50	2,75	FI-GE-06LR1/4-DF-W3
	6	250	G 3/8	7,9	12	30,5	38	11	22	14	80	3,94	FI-GE-06LR3/8-DF-W3
	8	250	G 1/8	3,5	8	24,5	32	10	14	17	20	1,71	FI-GE-08LR1/8-DF-W3
	8	250	G 1/4	4,7	12	29	37	10	19	17	50	2,87	FI-GE-08LR-DF-W3
	8	250	G 3/8	6	12	30,5	38	11	22	17	80	4,28	FI-GE-08LR3/8-DF-W3
	10	250	G 1/4	4,7	12	30	38	11	19	19	50	2,82	FI-GE-10LR-DF-W3
	10	250	G 3/8	7,9	12	31,5	39	12,5	22	19	80	4,18	FI-GE-10LR3/8-DF-W3
	10	160	G 1/2	11,1	14	34	41	13	27	19	140	6,28	FI-GE-10LR1/2-DF-W3
	12	250	G 1/4	4,7	12	31	39	12	19	22	50	3,30	FI-GE-12LR1/4-DF-W3
	12	250	G 3/8	7,9	12	31,5	39,5	12,5	22	22	80	4,39	FI-GE-12LR-DF-W3
	12	160	G 1/2	10	14	34	42	13	27	22	140	6,47	FI-GE-12LR1/2-DF-W3
	15	250	G 3/8	7,9	12	32,5	40	13,5	24	27	80	5,18	FI-GE-15LR3/8-DF-W3
	15	160	G 1/2	11,1	14	35	40,5	14	27	27	140	6,98	FI-GE-15LR-DF-W3
	18	250	G 3/8	7,9	12	33,5	41	14	27	32	80	4,90	FI-GE-18LR3/8-DF-W3
	18	160	G 1/2	11,1	14	35	45	13,5	27	32	140	5,35	FI-GE-18LR-DF-W3
	18	160	G 3/4	15	16	38	47	14,5	32	32	190	10,79	FI-GE-18LR3/4-DF-W3
	22	160	G 1/2	11,1	14	38	47	16,5	32	36	140	9,53	FI-GE-22LR1/2-DF-W3
	22	160	G 3/4	16,7	16	40	49	16,5	32	36	190	9,94	FI-GE-22LR-DF-W3
	22	160	G 1	22,2	18	43	51	17,5	41	36	330	16,58	FI-GE-22LR1-DF-W3
	28	160	G 1/2	11,1	14	39	48	17,5	41	41	140	13,58	FI-GE-28LR1/2-DF-W3
	28	160	G 3/4	16,7	16	41	50	17,5	41	41	190	15,87	FI-GE-28LR3/4-DF-W3
	28	160	G 1	22,2	18	43	52	17,5	41	41	330	17,46	FI-GE-28LR-DF-W3
	28	160	G 1 1/4	28,6	20	48	57	20,5	50	41	540	20,04	FI-GE-28LR1-1/4-DF-W3
	35	160	G 1	22,2	18	46	57	17,5	50	50	330	24,26	FI-GE-35LR1-DF-W3
	35	125	G 1 1/4	28,6	20	48	59	17,5	50	50	540	28,81	FI-GE-35LR-DF-W3
	42	125	G 1 1/4	28,6	20	50	62	19	55	60	540	33,91	FI-GE-42LR1-1/4-DF-W3
	42	125	G 1 1/2	33,3	22	52	64	19	55	60	630	36,75	FI-GE-42LR-DF-W3

[1] Approx.imate 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 DIN 3852-2 (Form A)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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 55)	L
	Heavy Series (page 56)	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** 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

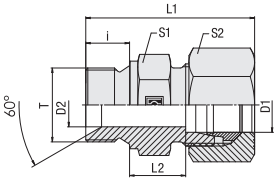

Union Nut
Type **FI-M** Page 33

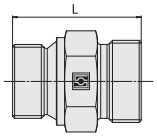

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







60° Conical Bore / Sealing Surface for Gaskets

Whitworth Parallel Pipe Thread (BSPP)

Ordering Codes

FI-GE-10*S*R*-DF*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (page 55)	**L**
	Heavy Series (page 56)	**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** 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	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
S	6	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,09	FI-GE-06SR1/8-DF-W3
	6	250	G 1/4	4	12	32	40	13	19	17	60	3,48	FI-GE-06SR-DF-W3
	6	250	G 3/8	7,9	12	34,5	42	15,5	22	17	100	4,63	FI-GE-06SR3/8-DF-W3
	6	250	G 1/2	11,1	14	35	43	14	27	17	160	6,22	FI-GE-06SR1/2-DF-W3
	8	250	G 1/8	3,5	8	27,5	35	12,5	14	17	20	2,71	FI-GE-08SR1/8-DF-W3
	8	250	G 1/4	4,7	12	34	42	15	19	19	60	4,10	FI-GE-08SR-DF-W3
	8	250	G 3/8	7,9	12	34,5	42	15,5	22	19	100	5,25	FI-GE-08SR3/8-DF-W3
	8	250	G 1/2	11,1	14	39	47	18	27	19	160	8,47	FI-GE-08SR1/2-DF-W3
	10	250	G 1/4	4,7	12	34	42	14,5	19	22	60	4,33	FI-GE-10SR1/4-DF-W3
	10	250	G 3/8	7	12	34,5	43,5	15	22	22	100	5,46	FI-GE-10SR-DF-W3
	10	160	G 1/2	11,1	14	35	43	13,5	27	22	160	6,76	FI-GE-10SR1/2-DF-W3
	12	250	G 1/4	4,7	12	36	44	16,5	22	24	60	5,70	FI-GE-12SR1/4-DF-W3
	12	250	G 3/8	7,9	12	36,5	45,5	17	22	24	100	6,17	FI-GE-12SR-DF-W3
	12	160	G 1/2	11,1	14	39	48	17,5	27	24	160	8,75	FI-GE-12SR1/2-DF-W3
	12	160	G 3/4	16,7	16	43	51	19,5	32	24	280	12,90	FI-GE-12SR3/4-DF-W3
	14	160	G 1/2	10	14	41	51	19	27	27	160	9,56	FI-GE-14SR-DF-W3
	16	250	G 3/8	7,9	12	38,5	48	18	27	30	100	6,82	FI-GE-16SR3/8-DF-W3
	16	160	G 1/2	11,1	14	41	51	18,5	27	30	160	9,05	FI-GE-16SR-DF-W3
	16	160	G 3/4	16,7	16	45	55	20,5	32	30	280	13,31	FI-GE-16SR3/4-DF-W3
	20	160	G 1/2	11,1	14	45	54	20,5	32	36	160	13,74	FI-GE-20SR1/2-DF-W3
	20	160	G 3/4	16	16	47	58	20,5	32	36	280	14,90	FI-GE-20SR-DF-W3
	20	160	G 1	22,2	18	51	62	22,5	41	36	440	23,12	FI-GE-20SR1-DF-W3
	25	160	G 1/2	11,1	14	49	56	23	41	46	160	23,68	FI-GE-25SR1/2-DF-W3
	25	160	G 3/4	16,7	16	51	63	23	41	46	280	23,73	FI-GE-25SR3/4-DF-W3
	25	160	G 1	20	18	53	65	23	41	46	440	20,71	FI-GE-25SR-DF-W3
	30	160	G 3/4	16,7	16	53	66	23,5	50	50	280	33,85	FI-GE-30SR3/4-DF-W3
	30	160	G 1	22,2	18	55	68	23,5	46	50	440	32,20	FI-GE-30SR1-DF-W3
	30	125	G 1 1/4	25	20	57	70	23,5	50	50	580	40,27	FI-GE-30SR-DF-W3
	38	160	G 1	22,2	18	60	73	26	55	60	440	47,79	FI-GE-38SR1-DF-W3
	38	125	G 1 1/4	38,6	20	62	77	26	55	60	580	51,40	FI-GE-38SR1-1/4-DF-W3
	38	125	G 1 1/2	32	22	64	79	26	55	60	700	54,70	FI-GE-38SR-DF-W3

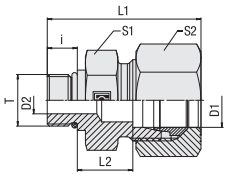
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

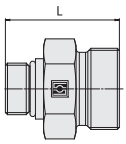
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male stud acc. to DIN 3852-2 (Form A)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

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







C

Metric Parallel 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	6	500	M 10 x 1	4	8,5	25	33	9,5	14	14	15	1,53	FI-GE-06LM-OR-B-W3
	8	500	M 10 x 1	3	8,5	25	32	9,5	14	17	15	1,66	FI-GE-08LM10x1-OR-B-W3
	8	500	M 12 x 1,5	6	11	28	36	10	17	17	25	2,16	FI-GE-08LM-OR-B-W3
	8	500	M 14 x 1,5	6	11	33	40	15	19	17	35	3,9	FI-GE-08LM14x1.5-OR-B-W3
	8	400	M 18 x 1,5	11	12,5	31	36	11,5	24	17	45	4,43	FI-GE-08LM18x1.5-OR-B-W3
	10	500	M 12 x 1,5	6	11	29	36	11	19	19	25	2,66	FI-GE-10LM12x1.5-OR-B-W3
	10	500	M 14 x 1,5	7,5	11	29	37	11	19	19	35	2,87	FI-GE-10LM-OR-B-W3
	10	400	M 18 x 1,5	8	12,5	32	39	12,5	24	19	45	5,23	FI-GE-10LM18x1.5-OR-B-W3
	12	400	M 12 x 1,5	6	11	30,5	38	12,5	19	22	25	2,89	FI-GE-12LM12x1.5-OR-B-W3
	12	400	M 14 x 1,5	7,5	11	31	39	13	19	22	35	3,45	FI-GE-12LM14x1.5-OR-B-W3
	12	400	M 16 x 1,5	9	11,5	31	39	12,5	22	22	40	4,10	FI-GE-12LM-OR-B-W3
	12	400	M 18 x 1,5	10	12,5	32	40	12,5	24	22	45	5,14	FI-GE-12LM18x1.5-OR-B-W3
	15	400	M 18 x 1,5	11	12,5	33	41	13,5	24	27	45	5,32	FI-GE-15LM-OR-B-W3
	18	400	M 22 x 1,5	14	13	35	44	14,5	27	32	60	7,55	FI-GE-18LM-OR-B-W3
	22	400	M 22 x 1,5	14	13	37	46	16,5	32	36	60	9,22	FI-GE-22LM22x1.5-OR-B-W3
	22	250	M 27 x 2	18	16	40	49	16,5	32	36	100	10,79	FI-GE-22LM27x2-OR-B-W3
	22	250	M 33 x 2	14	16	41	46	16,5	41	36	160	16,14	FI-GE-22LM33x2-OR-B-W3
	28	250	M 27 x 2	18	16	40,5	52	17	41	41	100	14,47	FI-GE-28LM27x2-OR-B-W3
	28	250	M 33 x 2	23	16	41	50	17,5	41	41	160	16,73	FI-GE-28LM-OR-B-W3
	35	250	M 42 x 2	30	16	44	55	17,5	50	50	210	26,66	FI-GE-35LM-OR-B-W3
	42	250	M 48 x 2	36	17,5	47,5	59,5	19	55	60	260	33,79	FI-GE-42LM-OR-B-W3

[1] Approx.imate 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 6149-2/-3
Port acc. to ISO 6149-1

Torque recommendations for Steel mating material.

Ordering Codes

***FI-GE*-10*L*M*-OR*-B*-W3*-MS**

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (page 57)	**L**
	Heavy Series (page 58)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* Seal Type	O-Ring	**-OR**
* 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

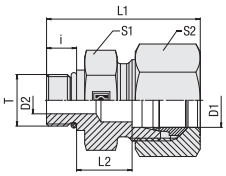
Spare Parts / Accessories

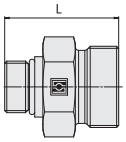

O-Ring
Type **O-RING** Page 239

C

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







Metric Parallel Thread — O-Ring

Ordering Codes

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

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series (page 57)	**L**
	Heavy Series (page 58)	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* Seal Type	O-Ring	**-OR**
* 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	800	M 12 x 1,5	4	11	31	39	13	17	17	35	2,93	FI-GE-06SM-OR-B-W3
	8	800	M 14 x 1,5	5	11	33	41	15	19	19	40	4,22	FI-GE-08SM-OR-B-W3
	10	800	M 16 x 1,5	7	12,5	35	44	15	22	22	55	6,11	FI-GE-10SM-OR-B-W3
	12	630	M 14 x 1,5	6	11	35,5	44	17	24	19	40	6	FI-GE-12SM14x1.5-OR-B-W3
	12	630	M 18 x 1,5	8	14	38,5	47,5	17	24	24	70	3,41	FI-GE-12SM-OR-B-W3
	16	630	M 22 x 1,5	12	15	42	52	18,5	27	30	100	6,37	FI-GE-16SM-OR-B-W3
	20	420	M 27 x 2	15	18,5	49,5	60,5	20,5	32	36	170	16,88	FI-GE-20SM-OR-B-W3
	25	420	M 33 x 2	20	18,5	53,5	65,5	23	41	46	310	27,42	FI-GE-25SM-OR-B-W3
	30	420	M 42 x 2	25	19	56	69	23,5	50	50	330	42,45	FI-GE-30SM-OR-B-W3
	38	420	M 48 x 2	32	21,5	63,5	78,5	26	55	60	420	58,60	FI-GE-38SM-OR-B-W3

[1] Approx.imate 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.

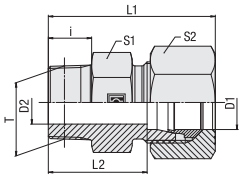
Male stud acc. to ISO 6149-2/-3
Port acc. to ISO 6149-1

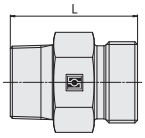
Torque recommendations for Steel mating material.

C

Straight Male Stud Fitting
Type FI-GE-...-Rk ▪ Series LL







Whitworth Taper Pipe Thread (BSPT)

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	R 1/8 keg.	3	8	20	26	16	10	10	0,77	FI-GE-04LLRk-W3
	6	100	R 1/8 keg.	4,5	8	20	26	14,5	11	12	0,79	FI-GE-06LLRk-W3
	6	100	R 1/4 keg	4,5	12	26	33	20,5	14	12	1,85	FI-GE-06LLR1/4k-W3
	8	100	R 1/8 keg.	4,5	8	22	28	16,5	12	14	1,08	FI-GE-08LLRk-W3
	8	100	R 1/4 keg.	6	12	26	32	20,5	14	14	1,71	FI-GE-08LLR1/4k-W3
	10	100	R 1/4 keg.	8	12	26	32	20,5	14	17	2,70	FI-GE-10LLRK-W3
	12	100	R 3/8 keg.	10	12	26	32,5	20	19	19	2,44	FI-GE-12LLR3/8K-W3

[1] Approx.imate 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 DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Ordering Codes

FI-GE-10*LL*Rk*-W3*-MS

* Straight Male Stud Fitting		FI-GE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 60)	LL
	Light Series (page 61)	L
	Heavy Series (page 62)	S
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	Rk
If required, please indicate special sizes, e.g. R1/8k!		
* 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

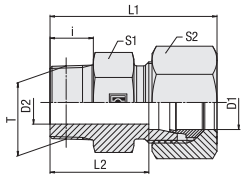

Support Sleeve
Type **FI-VH** Page 31

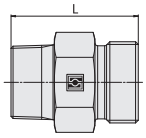

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

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







C

Whitworth Taper Pipe Thread (BSPT)

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	6	315	R 1/8 keg.	4	8	22	30	15	12	14	1,11	**FI-GE-06LRk-W3**
	6	315	R 1/4 keg.	4	12	27	35	20	14	14	1,99	**FI-GE-06LR1/4k-W3**
	6	315	R 3/8 keg.	4	12	28	36	21	19	14	2,80	**FI-GE-06LR3/8k-W3**
	6	315	R 1/2 keg.	4	14	30	38	23	22	14	5,19	**FI-GE-06LR1/2k-W3**
	8	315	R 1/8 keg.	4	8	25	33	18	14	17	1,78	**FI-GE-08LR1/8k-W3**
	8	315	R 1/4 keg.	6	12	27	35	20	14	17	1,88	**FI-GE-08LRk-W3**
	8	315	R 3/8 keg.	6	12	28	36	21	19	17	3,44	**FI-GE-08LR3/8k-W3**
	8	315	R 1/2 keg.	6	14	30	38	23	24	17	5,02	**FI-GE-08LR1/2k-W3**
	10	315	R 1/8 keg.	4	8	24	32	17	17	19	1,97	**FI-GE-10LR1/8k-W3**
	10	315	R 1/4 keg.	7	12	28	36	21	17	19	2,28	**FI-GE-10LRk-W3**
	10	315	R 3/8 keg.	8	12	29	37	22	19	19	3,13	**FI-GE-10LR3/8k-W3**
	10	315	R 1/2 keg.	8	14	30	38	23	24	19	1,22	**FI-GE-10LR1/2k-W3**
	12	315	R 1/4 keg.	6	12	29	37	22	19	22	3,03	**FI-GE-12LR1/4k-W3**
	12	315	R 3/8 keg.	9	12	29	37	22	19	22	3,28	**FI-GE-12LRk-W3**
	12	315	R 1/2 keg.	10	14	31	39	24	22	22	5,02	**FI-GE-12LR1/2k-W3**
	15	315	R 3/8 keg.	9	12	30	38	23	24	27	5,06	**FI-GE-15LR3/8k-W3**
	15	315	R 1/2 keg.	12	14	32	40	25	24	27	5,35	**FI-GE-15LRk-W3**
	15	160	R 3/4 keg.	12	17	36	44	29	27	27	16,48	**FI-GE-15LR3/4k-W3**
	18	315	R 1/2 keg.	14	14	33	42	25,5	27	32	6,42	**FI-GE-18LRk-W3**
	18	315	R 3/8 keg.	9	12	31	40	23,5	27	32	6,4	**FI-GE-18LR3/8k-W3**
	18	160	R 3/4 keg.	15	17	36	47	28,5	32	32	10,47	**FI-GE-18LR3/4k-W3**
	22	160	R 1/2 keg.	12	14	38	47	30,5	32	36	10,20	**FI-GE-22LR1/2k-W3**
	22	160	R 3/4 keg.	17	17	37	46	29,5	32	36	8,91	**FI-GE-22LRk-W3**
	22	160	R 1 keg.	19	18	41	51	33,5	36	36	15,89	**FI-GE-22LR1k-W3**
	28	160	R 3/4 keg.	18	16	38	47	31,5	41	41	14,59	**FI-GE-28LR3/4k-W3**
	28	160	R 1 keg.	23	18	40	51	34,5	41	41	16,49	**FI-GE-28LRk-W3**
	35	160	R 1 keg.	23	20	45	56	34,5	46	50	23,76	**FI-GE-35LR1k-W3**
	35	160	R 1 1/4 keg.	30	20	45	56	34,5	46	50	23,73	**FI-GE-35LRk-W3**
	42	160	R 1 1/2 keg.	36	22	49	61	38	55	60	33,09	**FI-GE-42LRk-W3**

[1] Approx.imate 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 DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Ordering Codes

***FI-GE*-10*L*Rk*-W3*-MS**

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 60)	**LL**
	Light Series (page 61)	**L**
	Heavy Series (page 62)	**S**
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	**Rk**
If required, please indicate special sizes, e.g. R1/8k!		
* 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

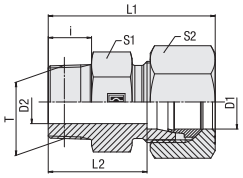

Union Nut
Type **FI-M** Page 33

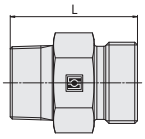

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

FI-GE-10*S*Rk*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 60)	**LL**
	Light Series (page 61)	**L**
	Heavy Series (page 62)	**S**
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	**Rk**
If required, please indicate special sizes, e.g. R1/8k!		
* 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	PB bar	Dimensions mm Thread T	D2	i	L	L1[1]	L2	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	R 1/4 keg.	4	12	30	38	23	17	17	3,01	**FI-GE-06SRk-W3**
	8	630	R 1/4 keg.	5	12	29	37	22	17	19	3,50	**FI-GE-08SRk-W3**
	10	630	R 3/8 keg.	7	12	32	41	24,5	19	22	4,49	**FI-GE-10SRk-W3**
	12	630	R 3/8 keg.	8	12	34	43	26,5	22	24	6,03	**FI-GE-12SRk-W3**
	14	630	R 3/8 keg.	8	12	34,5	45	26,5	24	27	6,56	**FI-GE-14SR3/8k-W3**
	14	630	R 1/2 keg.	10	14	35	45	27	24	27	7,04	**FI-GE-14SRk-W3**
	16	400	R 3/8 keg.	9	12	32	47	23,5	27	30	6,13	**FI-GE-16SR3/8k-W3**
	16	400	R 1/2 keg.	12	14	38	48	29,5	27	30	8,52	**FI-GE-16SRk-W3**
	20	400	R 3/4 keg.	16	17	45,5	57	35	32	36	14,43	**FI-GE-20SRk-W3**
	25	400	R 3/4 keg.	16	17	48	62,5	37	41	46	10,15	**FI-GE-25SR3/4k-W3**
	25	400	R 1 keg.	20	18	49	63,5	37	41	46	25,81	**FI-GE-25SRk-W3**
	30	400	R 1 keg.	20	18	52	67,5	39	50	50	31,78	**FI-GE-30SR1k-W3**
	30	250	R 1-1/4 keg.	25	20	54	69,5	41	50	50	36,69	**FI-GE-30SRk-W3**
	38	250	R 1 1/2 keg.	32	22	59	75	43	55	60	50,8	**FI-GE-38SRk-W3**

[1] Approx.imate 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 C)
Port acc. to DIN 3852-2 (Form Z)

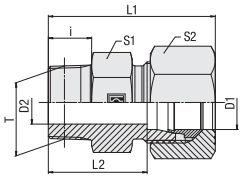
Suitable liquid / plastic sealant required.

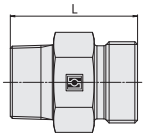
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

C

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







Ordering Codes

FI-GE-10*L*Mk*-W3*-MS

* Straight Male Stud Fitting		**FI-GE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series	**LL**
	Light Series	**L**
* Thread Type	Metric Taper Thread	**Mk**
If required, please indicate special sizes, e.g. M16x1.5k!		
* 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

Metric Taper 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	M 6 x 1 keg.	2,5	8	20	26	16	9	10	0,50	FI-GE-04LLM6x1k-W3
	4	100	M 8 x 1 keg.	3	8	20	26	16	10	10	0,63	FI-GE-04LLMk-W3
	4	100	M 10 x 1 keg.	3	8	20	26	16	11	10	0,85	FI-GE-04LLM10x1k-W3
	6	100	M 6 x 1 keg.	2	8	20	26	14,5	11	12	0,68	FI-GE-06LLM6x1k-W3
	6	100	M 8 x 1 keg.	3	8	20	26	14,5	11	12	0,75	FI-GE-06LLM8x1k-W3
	6	100	M 10 x 1 keg.	4	8	20	26	14,5	11	12	0,85	FI-GE-06LLMk-W3
	8	100	M 8 x 1 keg.	3,5	8	22	28	16,5	12	14	1,29	FI-GE-08LLM8x1k-W3
	8	100	M 10 x 1 keg.	6	8	22	28	16,5	12	14	0,98	FI-GE-08LLMk-W3
L	6	315	M 10 x 1 keg.	4	8	23	31	16	14	14	1,44	FI-GE-06LMk-W3
	6	315	M 12 x 1,5 keg.	4	12	27	35	20	14	14	1,56	FI-GE-06LM12x1.5k-W3
	8	315	M 12 x 1,5 keg.	6	12	27	35	20	14	17	1,74	FI-GE-08LMk-W3
	8	315	M 14 x 1,5 keg.	6	12	27	35	20	17	17	3,11	FI-GE-08LM14x1.5k-W3
	10	315	M 14 x 1,5 keg.	7	12	28	36	21	17	19	2,51	FI-GE-10LMk-W3
	10	315	M 16 x 1,5 keg.	8	12	28	36	21	17	19	4,05	FI-GE-10LM16x1.5k-W3
	12	315	M 16 x 1,5 keg.	9	12	29	37	22	19	22	3,18	FI-GE-12LMk-W3
	12	315	M 18 x 1,5 keg.	10	12	29	37	22	19	22	4,90	FI-GE-12LM18x1.5k-W3
	15	315	M 18 x 1,5 keg.	11	12	30	41	23	24	27	4,73	FI-GE-15LMk-W3
	18	315	M 22 x 1,5 keg.	14	14	33	42	25,5	27	32	7,02	FI-GE-18LMk-W3

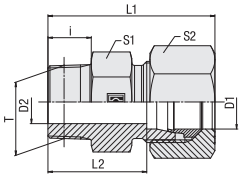
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

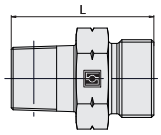
Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

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.

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







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]
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] Approx.imate 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

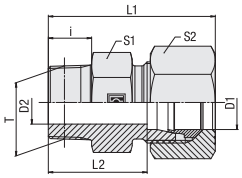

Union Nut
Type **FI-M** Page 33

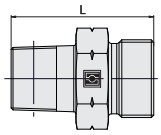

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

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	27	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**

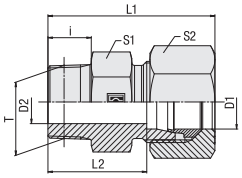
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

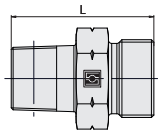
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further 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	1/4 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] Approx.imate 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

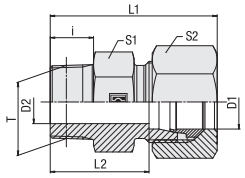

Union Nut
Type **FI-M** Page 33

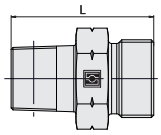

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

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







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

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	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] Approx.imate 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.

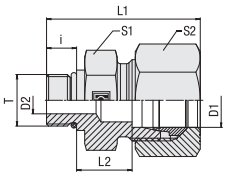
Male stud acc. to ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

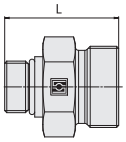
Suitable liquid / plastic sealant required.

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

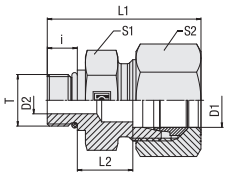
Standard seal material is NBR (Buna-N®).

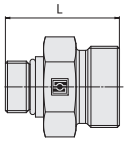
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further 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	15,5	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] Approx.imate 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

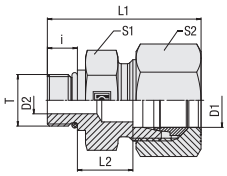
Spare Parts / Accessories

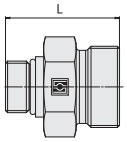

O-Ring
Type **O-RING** Page 239

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	3/4-16 UNF	7	16	33,5	42	15	24	22	70	7,56	**FI-GE-12S3/4U-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**

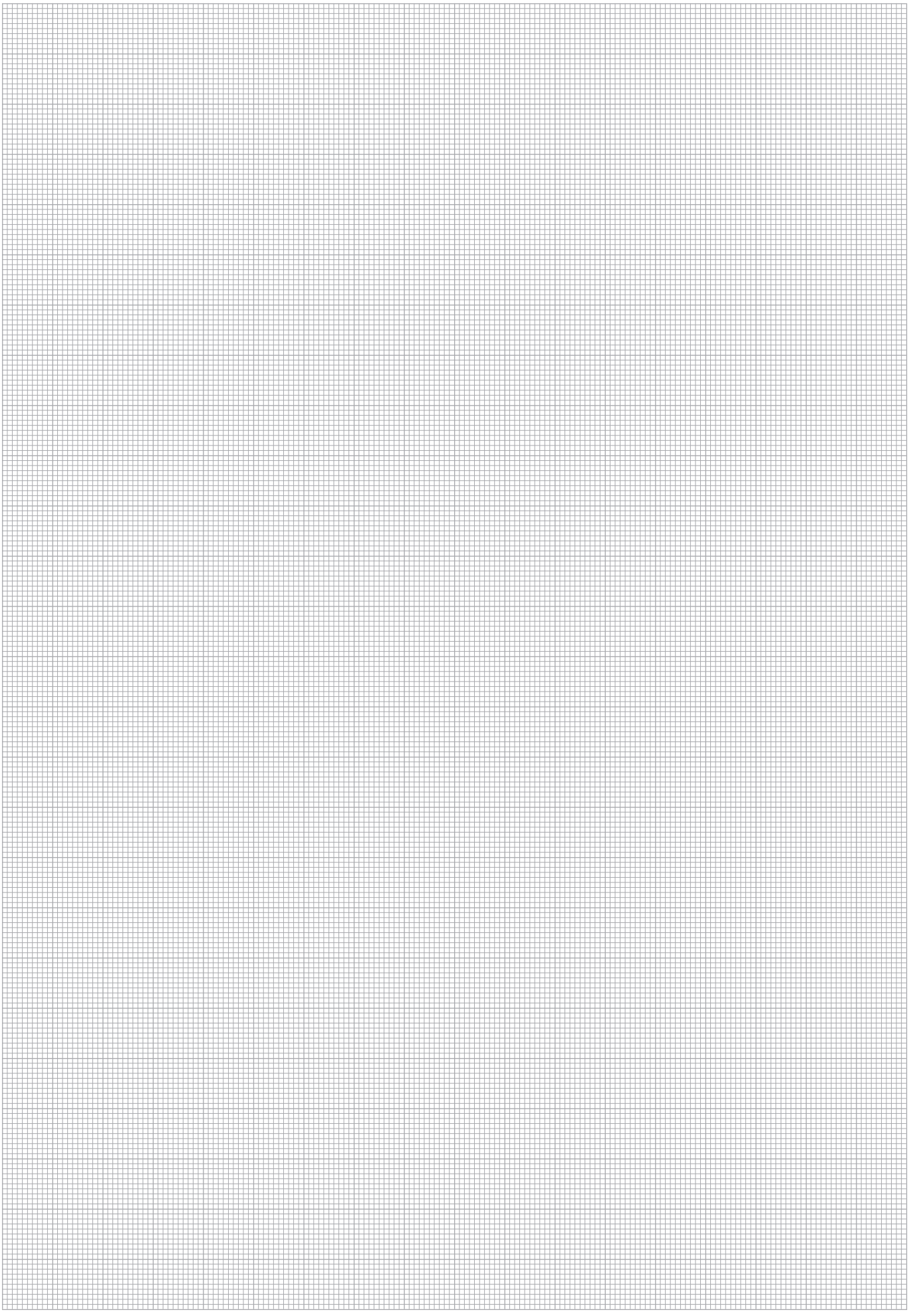
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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

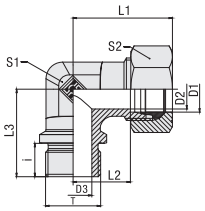
Torque recommendations for Steel mating material.

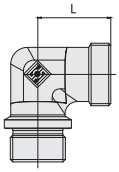


C

Male Stud Elbow
Type FI-WE-...-R ▪ Series L / S







Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	160	G 3/4	19	18	16	35	44	27,5	42	27	36	180	1,78	FI-WE-22LR-W3
	28	160	G 1	24	23	18	38	47	30,5	48	36	41	330	3,12	FI-WE-28LR-W3
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	4,67	FI-WE-35LR-W3
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	6,90	FI-WE-42LR-W3
S	20	420	G 3/4	16	16	16	37	48	26,5	42	27	36	270	2,15	FI-WE-20SR-W3
	25	420	G 3/4	20	18	16	42	54	30	48	36	46	270	3,77	FI-WE-25SR3/4-W3
	25	420	G 1	20	20	18	42	54	30	48	36	46	340	4,06	FI-WE-25SR-W3
	30	250	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	6,28	FI-WE-30SR-W3
	38	250	G 1 1/2	32	32	22	57	72	41	61	50	60	700	9,15	FI-WE-38SR-W3

[1] Approx.imate 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 DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-WE-25*S*R*-W3*-MS

* Male Stud Elbow		FI-WE
* Outside Tube Diameter D1 (in mm)		-25
* Series	Light Series	L
	Heavy Series	S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	R
If required, please indicate special sizes, e.g. R3/4!		
* 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

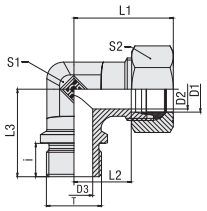

Support Sleeve
Type **FI-VH** Page 31

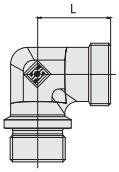

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

Male Stud Elbow
Type FI-WE-...-M ▪ Series L / S







C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	250	M 26 x 1,5	19	18	16	35	44	27,5	42	27	36	190	1,73	**FI-WE-22LM-W3**
	28	250	M 33 x 2	24	23	18	38	47	30,5	48	36	41	340	3,04	**FI-WE-28LM-W3**
	35	250	M 42 x 2	30	30	20	45	56	34,5	54	41	50	500	4,70	**FI-WE-35LM-W3**
	42	250	M 48 x 2	36	36	22	51	63	40	61	50	60	630	6,96	**FI-WE-42LM-W3**
S	20	420	M 27 x 2	16	16	16	37	48	26,5	42	27	36	270	2,14	**FI-WE-20SM-W3**
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46	410	4,46	**FI-WE-25SM-W3**
	30	250	M 42 x 2	25	25	20	49	62	35,5	54	41	50	540	6,33	**FI-WE-30SM-W3**
	38	250	M 48 x 2	32	32	22	57	72	41	61	50	60	700	9,24	**FI-WE-38SM-W3**

[1] Approx.imate 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 DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-WE-25*S*M*-W3*-MS

* Male Stud Elbow		**FI-WE**
* Outside Tube Diameter D1 (in mm)		**-25**
* Series	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M27x2!		
* 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

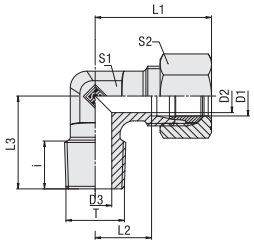

Union Nut
Type **FI-M** Page 33

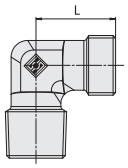

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Elbow
Type FI-WE-...-Rk ▪ Series LL / L









...-PR

Whitworth Taper Pipe Thread (BSPT)

Ordering Codes

***FI-WE*-10*L*Rk*-W3*-MS**

* Male Stud Elbow		**FI-WE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 76)	**LL**
	Light Series (page 76)	**L**
	Heavy Series (page 77)	**S**
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	**Rk**
If required, please indicate special sizes, e.g. R3/8k!		
* Material Code	Steel, zinc/nickel-plated	**-W3**
Please contact STAUFF for alternative materials and surface finishings.		
* Design	Made from forging blanks	**—**
	Made from profile material	**PR**
* 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	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	R 1/8 keg.	3	3	8	15	21	11	17	11	10	1,46	FI-WE-04LLRk-W3-PR
	6	100	R 1/8 keg.	4,5	4,5	8	15	21	9,5	17	11	12	1,73	FI-WE-06LLRk-W3-PR
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,63	FI-WE-08LLRk-W3-PR
	10	100	R 1/4 keg.	8	7	12	21,5	27,5	16	26	14	14	9,10	FI-WE-10LLRK-W3
	12	100	R 1/4 keg.	10	7	9,9	22	28	16	23	14	17	11,40	FI-WE-12LLRk-W3
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	1,96	FI-WE-06LRk-W3
	6	315	R 1/4 keg.	4	6	12	21	29	14	25,5	12	14	2,93	FI-WE-06LR1/4k-W3
	6	315	R 3/8 keg.	4	9	12	24	31	17	28	14	14	4,42	FI-WE-06LR3/8k-W3
	8	315	R 1/8 keg.	6	4	8	21	29	14	26	12	17	2,64	FI-WE-08LR1/8k-W3
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	2,93	FI-WE-08LRk-W3
	8	315	R 3/8 keg.	6	9	14	24	32	17	28	14	17	4,34	FI-WE-08LR3/8k-W3
	10	315	R 1/8 keg.	8	6	7,3	22,5	29	15,5	20	14	19	2,96	FI-WE-10LR1/8k-W3
	10	315	R 1/4 keg.	8	7	13	22	30	15	27	14	19	3,53	FI-WE-10LRk-W3
	10	315	R 3/8 keg.	8	8	12,5	22	30	15	28	14	19	4,29	FI-WE-10LR3/8k-W3
	10	315	R 1/2 keg.	8	11	14	28	35	21	34	19	19	9,56	FI-WE-10LR1/2k-W3
	12	315	R 1/4 keg.	10	7	14,3	24	32	17	27	17	22	4,57	FI-WE-12LR1/4k-W3
	12	315	R 3/8 keg.	10	9	13	24	32	17	28,5	17	22	5,33	FI-WE-12LRk-W3
	12	315	R 1/2 keg.	10	10	14	28	36	21	34	19	22	9,94	FI-WE-12LR1/2k-W3
	15	315	R 3/8 keg.	12	9	14	28	36	21	34	19	27	8,79	FI-WE-15LR3/8k-W3
	15	315	R 1/2 keg.	12	12	16	28	36	21	34	19	27	9,12	FI-WE-15LRk-W3
	15	315	R 3/4 keg.	12	12	17	33	40	26	36	24	27	4,05	FI-WE-15LR3/4K-W3
	18	315	R 1/2 keg.	15	14	17,5	31	40	23,5	36	24	32	11,63	FI-WE-18LRk-W3
	18	315	R 3/4 keg.	15	16	16	31	41,5	23,5	36	27	32	13,2	FI-WE-18LR3/4k-W3
	22	160	R 3/4 keg.	19	18	17	35	44	28,5	42,5	27	36	16,80	FI-WE-22LRk-W3
	28	160	R 1 keg.	24	23	20	38	47	30,5	48	36	41	30,7	FI-WE-28LRk-W3
	35	160	R 1 1/4 keg.	30	30	20	48	59	37,5	51	41	50	46,7	FI-WE-35LRk-W3
	42	160	R 1 1/2 keg.	36	36	20	54	59	43	61	50	60	72,3	FI-WE-42LRk-W3

[1] Approx.imate 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 DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Connecting Parts


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


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

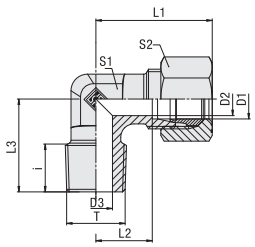

Support Sleeve
Type **FI-VH** Page 31

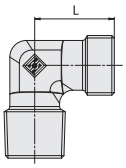

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

Male Stud Elbow
Type FI-WE-...-Rk ▪ Series S







C

Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,73	FI-WE-06SRk-W3
	8	400	R 1/4 keg.	5	5	13	24	32	17	27	14	19	4,70	FI-WE-08SRk-W3
	10	400	R 1/4 keg.	7	5	13	25	34	17,5	28	17	22	5,94	FI-WE-10SR1/4k-W3
	10	400	R 3/8 keg.	7	7	13	25	34	17,5	28	17	22	6,71	FI-WE-10SRk-W3
	10	400	R 1/2 keg.	7	7	13	30	38	22,5	32	19	22	11,67	FI-WE-10SR1/2k-W3
	12	400	R 3/8 keg.	8	7	12	29	38	21,5	28	17	24	7,78	FI-WE-12SRk-W3
	12	400	R 1/2 keg.	8	10	14	30	39	22,5	32	19	24	4,67	FI-WE-12SR1/2k-W3
	14	400	R 3/8 keg.	10	8	14	30	40	22	32	19	27	9,62	FI-WE-14SR3/8k-W3
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	10,53	FI-WE-14SRk-W3
	16	400	R 1/2 keg.	12	12	14	34	44	25,5	32	24	30	13,60	FI-WE-16SRk-W3
	16	400	R 3/4 keg.	12	12	14	34	44	25,5	32	24	30	22,00	FI-WE-16SR3/4k-W3
	20	400	R 1/2 keg.	16	10	14	37	48	26,5	42	27	36	21,00	FI-WE-20SR1/2k-W3
	20	250	R 3/4 keg.	16	16	17	39	48	26,5	42	27	36	21,19	FI-WE-20SRk-W3
	25	250	R 3/4 keg.	20	16	17	42	53	30	48	36	46	37,27	FI-WE-25SR3/4k-W3
	25	250	R 1 keg.	20	20	20	42	53	30	48	36	46	39,3	FI-WE-25SRk-W3
	30	250	R 1 1/4 keg.	25	25	20	52	62	35,5	54	41	50	62,61	FI-WE-30SRk-W3
	38	250	R 1 1/2 keg.	32	32	20	52	71	41	61	50	60	93,8	FI-WE-38SRk-W3

[1] Approx.imate 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 DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Ordering Codes

***FI-WE*-10*S*Rk*-W3*-MS**

* Male Stud Elbow		**FI-WE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 76)	**LL**
	Light Series (page 76)	**L**
	Heavy Series (page 77)	**S**
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	**Rk**
If required, please indicate special sizes, e.g. R3/8k!		
* 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

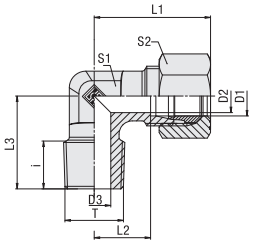

Union Nut
Type **FI-M** Page 33

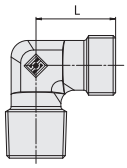

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Elbow
Type FI-WE-...-Mk ▪ Series LL / L / S







...-PR 

Metric Taper Thread

Ordering Codes

***FI-WE*-10*L*Mk*-W3*-MS**

* Male Stud Elbow		**FI-WE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series	**LL**
	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Metric Taper Thread	**Mk**

If required, please indicate special sizes, e.g. M12x1.5k!

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

Please contact STAUFF for alternative materials and surface finishings.

* Design	Made from forging blanks	**—**
	Made from profile material	**PR**
* 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	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	M 6 x 1 keg.	3	2	8,5	15	20	11	17	9	10	1,34	FI-WE-04LLM6x1k-W3-PR
	4	100	M 8 x 1 keg.	3	3,5	8	15	21	11	17	9	10	1,46	FI-WE-04LLMk-W3-PR
	6	100	M 6 x 1 keg.	4,5	2	8	15	21	9,5	15	11	12	1,44	FI-WE-06LLM6x1k-W3-PR
	6	100	M 8 x 1 keg.	4,5	3,5	8,5	15	21	9,5	17	11	12	1,64	FI-WE-06LLM8x1k-W3-PR
	6	100	M 10 x 1 keg.	4,5	4,5	8	15	21	9,5	17	11	12	1,74	FI-WE-06LLMk-W3-PR
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14	2,82	FI-WE-08LLMk-W3-PR
L	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14	2,16	FI-WE-06LMk-W3
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17	2,67	FI-WE-08LMk-W3
	10	315	M 14 x 1,5 keg.	8	7	11,5	22	30	15	27	14	19	4,19	FI-WE-10LMk-W3
	12	315	M 16 x 1,5 keg.	10	9	11,5	24	32	17	28	17	22	5,05	FI-WE-12LMk-W3
	12	315	M 18 x 1,5 keg.	10	10	11,5	29	36	22	28	17	22	5,79	FI-WE-12LM18x1.5k-W3
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27	8,82	FI-WE-15LMk-W3
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32	12,56	FI-WE-18LMk-W3
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17	3,44	FI-WE-06SMk-W3
	8	400	M 14 x 1,5 keg.	5	5	11,5	24	32	17	27	14	19	5,33	FI-WE-08SMk-W3
	10	400	M 16 x 1,5 keg.	7	7	11,5	25	34	17,5	28	17	22	6,35	FI-WE-10SMk-W3
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24	8,19	FI-WE-12SMk-W3
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27	11,45	FI-WE-14SMk-W3
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30	9,62	FI-WE-16SMk-W3

[1] Approx.imate 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.

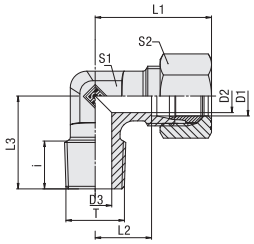
Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

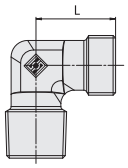
Suitable liquid / plastic sealant required.

C

Male Stud Elbow
Type FI-WE-...-N ▪ Series LL / L









...-PR

NPT Thread

Ordering Codes

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

* Male Stud Elbow		**FI-WE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 80)	**LL**
	Light Series (page 80)	**L**
	Heavy Series (page 81)	**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.		
* Design	Made from forging blanks	**—**
	Made from profile material	**PR**
* 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	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	1/8 NPT	3	4	8	15	21	11	15,6	11	10	1,81	FI-WE-04LL1/8N-W3-PR
	6	100	1/8 NPT	4,5	4,5	8	15	21	9,5	17	11	12	1,57	FI-WE-06LL1/8N-W3-PR
	8	100	1/8 NPT	6	6	10	17	23	11,5	20	12	14	2,64	FI-WE-08LL1/8N-W3-PR
L	6	315	1/8 NPT	4	5	8	19	27	11,5	20	12	14	1,91	FI-WE-06L1/8N-W3
	6	315	1/4 NPT	4	7	10	21	29	14	26	14	14	2,80	FI-WE-06L1/4N-W3
	6	315	3/8 NPT	4	8	10,5	25	33	18	28	17	14	5,63	FI-WE-06L3/8N-W3
	8	315	1/8 NPT	6	4	7	21	29	14	26	12	17	2,36	FI-WE-08L1/8N-W3
	8	315	1/4 NPT	6	6	11,4	21	29	14	26	12	17	2,92	FI-WE-08L1/4N-W3
	10	315	1/4 NPT	8	7	11,4	22	30	15	27	14	19	3,56	FI-WE-10L1/4N-W3
	10	315	3/8 NPT	8	8	10,5	24	32	17	28	17	19	5,67	FI-WE-10L3/8N-W3
	12	315	1/4 NPT	10	7	11,4	24	32	17	28	17	22	4,81	FI-WE-12L1/4N-W3
	12	315	3/8 NPT	10	8	10,5	24	32	17	28	17	22	4,87	FI-WE-12L3/8N-W3
	12	315	1/2 NPT	10	11	14	28	36	21	34	19	22	7,99	FI-WE-12L1/2N-W3
	15	315	1/2 NPT	12	14	14	28	39	21	34	19	27	8,05	FI-WE-15L1/2N-W3
	18	315	1/2 NPT	15	12	14	31	40	23,5	36	24	32	12,79	FI-WE-18L1/2N-W3
	22	160	3/4 NPT	19	16	14	35	44	27,5	42	27	36	17,07	FI-WE-22L3/4N-W3
	28	160	1 NPT	24	21	17,5	38	47	30,5	48	36	41	32,40	FI-WE-28L1N-W3
	35	160	1 1/4 NPT	30	28	18	48	59	34,5	54	41	50	51,70	FI-WE-35L1-1/4N-W3
	42	160	1 1/2 NPT	36	34	18,5	54	66	43	61	50	60	74,60	FI-WE-42L1-1/2N-W3

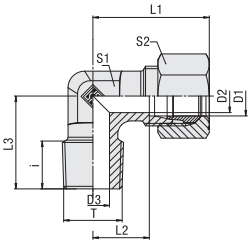
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

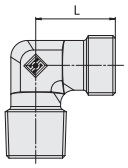
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

Male Stud Elbow
Type FI-WE-...-N ▪ Series S







C

NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	3,19	FI-WE-06S1/4N-W3
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	4,41	FI-WE-08S1/4N-W3
	8	630	3/8 NPT	5	8	10,5	25	33	18	28	17	19	7,80	FI-WE-08S3/8N-W3
	8	630	1/2 NPT	5	10	14	30	38	23	34	19	19	8,30	FI-WE-08S1/2N-W3
	10	630	1/4 NPT	7	5	10	25	34	17,5	28	17	22	6,17	FI-WE-10S1/4N-W3
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	6,64	FI-WE-10S3/8N-W3
	12	630	1/4 NPT	8	5	11,4	29	38	21,5	29	17	24	7,87	FI-WE-12S1/4N-W3
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	7,76	FI-WE-12S3/8N-W3
	12	630	1/2 NPT	8	10	14	30	39	22,5	34	19	24	11,23	FI-WE-12S1/2N-W3
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	8,88	FI-WE-14S1/2N-W3
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	14,05	FI-WE-16S1/2N-W3
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	19,28	FI-WE-20S3/4N-W3
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	33,76	FI-WE-25S1N-W3
	30	400	1 1/4 NPT	25	25	18	49	62	35,5	54	41	50	60,30	FI-WE-30S1-1/4N-W3
	38	315	1 1/2 NPT	32	32	18,5	58	73	40	61	50	60	91,80	FI-WE-38S1-1/2N-W3

[1] Approx.imate 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-WE-10*S*1/4*N*-W3*-MS

* Male Stud Elbow		FI-WE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 80)	LL
	Light Series (page 80)	L
	Heavy Series (page 81)	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

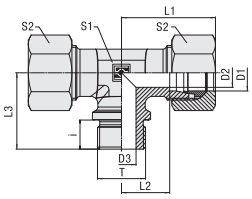

Union Nut
Type **FI-M** Page 33

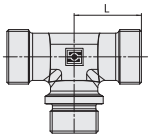

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Branch Tee
Type FI-TE-...-R ▪ Series L / S







Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

***FI-TE*-22*L*R*-W3*-MS**

* Male Stud Branch Tee		**FI-TE**
* Outside Tube Diameter D1 (in mm)		**-22**
* Series	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/2!		
* 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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-MSV**

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	160	G 3/4	19	18	16	35	44	27,5	42	27	36	180	23,90	**FI-TE-22LR-W3**
	28	160	G 1	24	23	18	38	47	30,5	48	36	41	330	37,50	**FI-TE-28LR-W3**
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	56,50	**FI-TE-35LR-W3**
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	80,50	**FI-TE-42LR-W3**
S	20	400	G 3/4	16	16	16	37	48	26,5	42	27	36	270	28,80	**FI-TE-20SR-W3**
	25	250	G 1	20	20	18	42	54	30	48	36	46	340	51,40	**FI-TE-25SR-W3**
	30	160	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	79,20	**FI-TE-30SR-W3**
	38	160	G 1 1/2	32	32	22	57	72	41	61	50	60	700	114,50	**FI-TE-38SR-W3**

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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 DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Connecting Parts


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


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

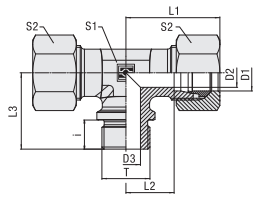

Support Sleeve
Type **FI-VH** Page 31

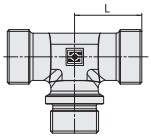

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

Male Stud Branch Tee
Type FI-TE-...-M ▪ Series L / S







C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	160	M 26 x 1,5	19	18	16	35	44	27,5	42	27	36	190	22,20	FI-TE-22LM-W3
	28	160	M 33 x 2	24	23	18	38	47	30,5	48	36	41	340	37,60	FI-TE-28LM-W3
	35	160	M 42 x 2	30	30	20	45	56	34,5	54	41	50	500	56,90	FI-TE-35LM-W3
	42	160	M 48 x 2	36	36	22	51	63	40	61	50	60	630	81,10	FI-TE-42LM-W3
S	20	400	M 27 x 2	16	16	16	37	48	26,5	42	27	36	270	29,10	FI-TE-20SM-W3
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46	410	51,10	FI-TE-25SM-W3
	30	160	M 42 x 2	25	25	20	49	62	35,5	54	41	50	540	79,60	FI-TE-30SM-W3
	38	160	M 48 x 2	32	32	22	57	72	41	61	50	60	700	115,10	FI-TE-38SM-W3

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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 DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-TE-22*L*M*-W3*-MS

* Male Stud Branch Tee		FI-TE
* Outside Tube Diameter D1 (in mm)		-22
* Series	Light Series	L
	Heavy Series	S
* Thread Type	Metric Parallel Thread	M
If required, please indicate special sizes, e.g. M27x2!		
* 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 rings and union nuts	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts	-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

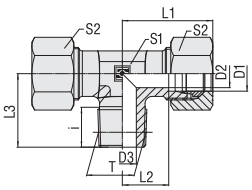

Union Nut
Type **FI-M** Page 33

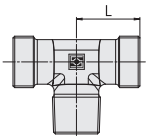

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Branch Tee
Type FI-TE-...-Rk ▪ Series LL / L / S







Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	R 1/8 keg.	3	4	8	15	21	11	17	9	10	1,59	FI-TE-04LLRk-W3
	6	100	R 1/8 keg.	4,5	4,5	8	15	21	9,5	17	9	12	1,34	FI-TE-06LLRk-W3
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	1,88	FI-TE-08LLRk-W3
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	2,73	FI-TE-06LRk-W3
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	3,80	FI-TE-08LRk-W3
	10	315	R 1/4 keg.	8	7	12	22	30	15	27	14	19	4,70	FI-TE-10LRk-W3
	12	315	R 1/4 keg.	10	8	15	24	33,5	17	28	17	22	6,02	FI-TE-12LR1/4k-W3
	12	315	R 3/8 keg.	10	9	12	24	32	17	28	17	22	6,28	FI-TE-12LRk-W3
	15	315	R 1/2 keg.	12	11	14	28	36	21	34	19	27	11,80	FI-TE-15LRk-W3
	18	315	R 1/2 keg.	15	14	14	31	40	23,5	36	24	32	16,30	FI-TE-18LRk-W3
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,00	FI-TE-06SRk-W3
	8	400	R 1/4 keg.	5	5	12	24	32	17	27	14	19	6,27	FI-TE-08SRk-W3
	10	400	R 3/8 keg.	7	7	12	25	34	17,5	28	17	22	8,50	FI-TE-10SRk-W3
	12	400	R 3/8 keg.	8	8	12	29	38	21,5	28	17	24	11,60	FI-TE-12SRk-W3
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	15,47	FI-TE-14SRk-W3
	16	400	R 1/2 keg.	12	12	14	33	43	24,5	32	24	30	18,90	FI-TE-16SRk-W3

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

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-TE-10*L*Rk*-W3*-MS

* Male Stud Branch Tee		**FI-TE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series	**LL**
	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	**Rk**
If required, please indicate special sizes, e.g. R1/8k!		
* 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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-MSV**

Connecting Parts


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


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

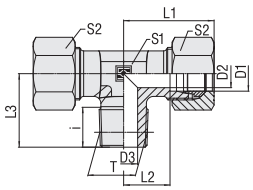

Support Sleeve
Type **FI-VH** Page 31

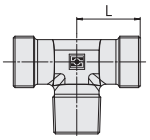

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

Male Stud Branch Tee
Type FI-TE-...-Mk ▪ Series LL / L / S







Metric Taper Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	M 8 x 1 keg.	3	3,5	8	15	21	11	17	9	10	1,27	**FI-TE-04LLMk-W3**
	6	100	M 10 x 1 keg.	4,5	4,5	8	15	21	9,5	17	9	12	1,62	**FI-TE-06LLMk-W3**
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14	2,42	**FI-TE-08LLMk-W3**
L	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14	2,76	**FI-TE-06LMk-W3**
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17	3,45	**FI-TE-08LMk-W3**
	10	315	M 14 x 1,5 keg.	8	7	12	22	30	15	27	14	19	4,72	**FI-TE-10LMk-W3**
	12	315	M 16 x 1,5 keg.	10	9	12	24	32	17	28	17	22	7,19	**FI-TE-12LMk-W3**
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27	11,86	**FI-TE-15LMk-W3**
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32	17,50	**FI-TE-18LMk-W3**
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17	5,57	**FI-TE-06SMk-W3**
	8	400	M 14 x 1,5 keg.	5	5	12	24	32	17	27	14	19	7,54	**FI-TE-08SMk-W3**
	10	400	M 16 x 1,5 keg.	7	7	12	25	34	17,5	28	17	22	9,38	**FI-TE-10SMk-W3**
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24	10,71	**FI-TE-12SMk-W3**
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27	15,11	**FI-TE-14SMk-W3**
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30	20,16	**FI-TE-16SMk-W3**

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

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-TE-10*L*Mk*-W3*-MS

* Male Stud Branch Tee		**FI-TE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series	**LL**
	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Metric Taper Thread	**Mk**
If required, please indicate special sizes, e.g. M12x1.5 !		
* 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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-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

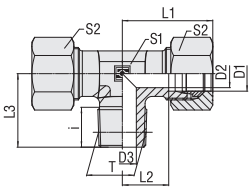

Union Nut
Type **FI-M** Page 33

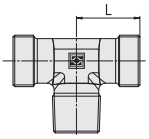

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Branch Tee
Type FI-TE-...-N ▪ Series LL / L







Ordering Codes

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

* Male Stud Branch Tee		**FI-TE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 86)	**LL**
	Light Series (page 86)	**L**
	Heavy Series (page 87)	**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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-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	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	1/8 NPT	3	3	7	15	21	11	17	9	10	1,60	FI-TE-04LL1/8N-W3
	6	100	1/8 NPT	4,5	4,5	7	15	21	9,5	17	9	12	1,50	FI-TE-06LL1/8N-W3
	8	100	1/8 NPT	5	5	7	17	23	11,5	20	12	14	2,50	FI-TE-08LL1/8N-W3
L	6	315	1/8 NPT	4	4	7	19	27	12	20	12	14	3,00	FI-TE-06L1/8N-W3
	6	315	1/4 NPT	4	4	10	21	29	14	26	12	14	4,40	FI-TE-06L1/4N-W3
	8	315	1/4 NPT	6	6	10	21	29	14	26	12	17	4,20	FI-TE-08L1/4N-W3
	10	315	1/4 NPT	7	7	10	22	30	15	27	14	19	5,00	FI-TE-10L1/4N-W3
	12	315	3/8 NPT	10	10	10,5	24	32	17	28	17	22	6,50	FI-TE-12L3/8N-W3
	15	315	1/2 NPT	12	12	14	28	36	21	36	19	27	12,10	FI-TE-15L1/2N-W3
	18	315	1/2 NPT	15	12	14	31	40	23,5	36	24	32	16,30	FI-TE-18L1/2N-W3
	22	160	3/4 NPT	19	18	14	35	44	27,5	42	27	36	21,80	FI-TE-22L3/4N-W3
	28	160	1 NPT	24	21	17,5	38	47	30,5	48	36	41	39,00	FI-TE-28L1N-W3
	35	160	1 1/4 NPT	30	28	18	46	57	35,5	54	41	50	59,40	FI-TE-35L1-1/4N-W3
	42	160	1 1/2 NPT	36	34	18,5	51	63	40	61	50	60	84,10	FI-TE-42L1-1/2N-W3

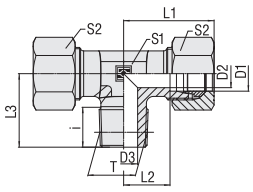
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

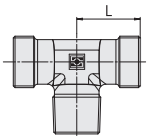
Male stud acc. to ANSI/ASME B1.20.1-1983
Port acc. to ANSI/ASME B1.20.1-1983

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.

Male Stud Branch Tee
Type FI-TE-...-N ▪ Series S







C

NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	5,50	FI-TE-06S1/4N-W3
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	6,80	FI-TE-08S1/4N-W3
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	8,80	FI-TE-10S3/8N-W3
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	11,10	FI-TE-12S3/8N-W3
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	15,10	FI-TE-14S1/2N-W3
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	19,00	FI-TE-16S1/2N-W3
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	28,20	FI-TE-20S3/4N-W3
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	50,40	FI-TE-25S1N-W3
	30	400	1 1/4 NPT	25	25	18	49	62	35,5	54	41	50	78,20	FI-TE-30S1-1/4N-W3
	38	400	1 1/2 NPT	32	32	18,5	57	72	41	61	50	60	113,30	FI-TE-38S1-1/2N-W3

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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-TE-10*S*3/8N*-W3*-MS

* Male Stud Branch Tee		FI-TE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series (page 86)	LL
	Light Series (page 86)	L
	Heavy Series (page 87)	S
* Thread Size	acc. to dimension table	3/8
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 rings and union nuts	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts	-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

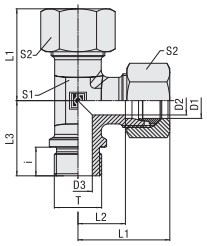

Union Nut
Type **FI-M** Page 33

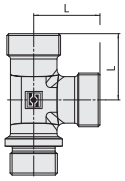

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Barrel Tee
Type FI-LE-...-R ▪ Series L / S







Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

Ordering Codes

***FI-LE*-22*L*R*-W3*-MS**

* Male Stud Barrel Tee		**FI-LE**
* Outside Tube Diameter D1 (in mm)		**-22**
* Series	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	**R**
If required, please indicate special sizes, e.g. R1/2!		
* 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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-MSV**

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	160	G 3/4	18	18	16	35	44	27,5	42	27	36	180	25,01	**FI-LE-22LR-W3**
	28	160	G 1	23	23	18	38	47	30,5	48	36	41	330	40,60	**FI-LE-28LR-W3**
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	61,96	**FI-LE-35LR-W3**
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	100,41	**FI-LE-42LR-W3**
S	20	400	G 3/4	16	16	16	37	48	26,5	42	27	36	270	31,72	**FI-LE-20SR-W3**
	25	250	G 1	20	20	18	42	54	30	48	36	46	340	54,62	**FI-LE-25SR-W3**
	30	160	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	52,00	**FI-LE-30SR-W3**
	38	160	G 1 1/2	32	32	22	57	72	41	61	50	60	700	134,44	**FI-LE-38SR-W3**

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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 DIN 3852-2 (Form B) / ISO 1179-4 (Type B)
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

Torque recommendations for Steel mating material.

Connecting Parts


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


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

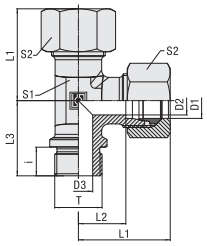

Support Sleeve
Type **FI-VH** Page 31

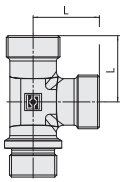

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32


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


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

Male Stud Barrel Tee
Type FI-LE-...-M ▪ Series L / S







Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Torque N·m Thread T	Weight kg ca. per 100	Ordering Codes[3]
L	22	160	M 26 x 1,5	18	18	16	35	44	27,5	42	27	36	190	25,01	FI-LE-22LM-W3
	28	160	M 33 x 2	23	23	18	38	47	30,5	48	27	41	340	40,60	FI-LE-28LM-W3
	35	160	M 42 x 2	30	30	20	45	56	34,5	54	41	50	500	61,96	FI-LE-35LM-W3
	42	160	M 48 x 2	36	36	22	51	63	40	61	50	60	630	100,41	FI-LE-42LM-W3
S	20	400	M 27 x 2	16	16	16	37	48	26,5	42	27	36	270	31,72	FI-LE-20SM-W3
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46	410	54,62	FI-LE-25SM-W3
	30	160	M 42 x 2	25	25	20	49	62	35,5	54	41	50	540	52,00	FI-LE-30SM-W3
	38	160	M 48 x 2	32	32	22	57	72	41	61	50	60	700	134,44	FI-LE-38SM-W3

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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 DIN 3852-1 (Form B) / ISO 9974-3 (Type B)
Port acc. to DIN 3852-1 (Form X) / ISO 9974-1

Torque recommendations for Steel mating material.

Ordering Codes

FI-LE-22*L*M*-W3*-MS

* Male Stud Barrel Tee		FI-LE
* Outside Tube Diameter D1 (in mm)		-22
* Series	Light Series	L
	Heavy Series	S
* Thread Type	Metric Parallel Thread	M
If required, please indicate special sizes, e.g. M27x2!		
* 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 rings and union nuts	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts	-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

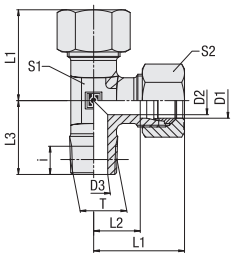

Union Nut
Type **FI-M** Page 33

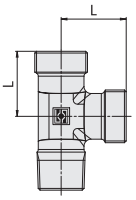

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Barrel Tee
Type FI-LE-...-Rk ▪ Series LL / L / S







Whitworth Taper Pipe Thread (BSPT)

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	R 1/8 keg.	3	4	8	15	21	11	17	9	10	1,50	FI-LE-04LLRk-W3
	6	100	R 1/8 keg.	4,5	5	8	16	21	9,5	17	9	12	1,60	FI-LE-06LLRk-W3
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,42	FI-LE-08LLRk-W3
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	3,43	FI-LE-06LRk-W3
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	3,79	FI-LE-08LRk-W3
	10	315	R 1/4 keg.	8	7	12	22	30	15	27	14	19	5,20	FI-LE-10LRk-W3
	12	315	R 3/8 keg.	10	9	12	24	32	17	28	17	22	6,34	FI-LE-12LRk-W3
	15	315	R 1/2 keg.	12	11	14	28	36	21	34	19	27	11,50	FI-LE-15LRk-W3
	18	315	R 1/2 keg.	15	14	14	31	40	23,5	36	24	32	14,48	FI-LE-18LRk-W3
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,03	FI-LE-06SRk-W3
	8	400	R 1/4 keg.	5	5	12	24	32	17	27	14	19	6,41	FI-LE-08SRk-W3
	10	400	R 3/8 keg.	7	7	12	25	34	17,5	28	17	22	8,33	FI-LE-10SRk-W3
	12	400	R 3/8 keg.	8	8	12	29	38	21,5	28	17	24	10,46	FI-LE-12SRk-W3
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	13,91	FI-LE-14SRk-W3
	16	400	R 1/2 keg.	12	12	14	33	43	24,5	32	24	30	17,66	FI-LE-16SRk-W3

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[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 DIN 3852-2 (Form C)
Port acc. to DIN 3852-2 (Form Z)

Suitable liquid / plastic sealant required.

Ordering Codes

FI-LE-10*L*Rk*-W3*-MS

* Male Stud Barrel Tee		FI-LE
* Outside Tube Diameter D1 (in mm)		-10
* Series	Extra-Light Series	LL
	Light Series	L
	Heavy Series	S
* Thread Type	Whitworth Taper Pipe Thread (BSPT)	Rk
If required, please indicate special sizes, e.g. R1/8k!		
* 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 rings and union nuts	-MS
	Fitting body supplied with soft-sealing cutting rings and union nuts	-MSV

Connecting Parts


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

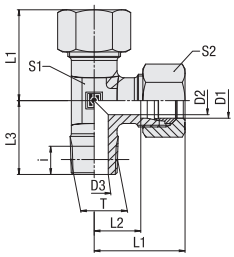

Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

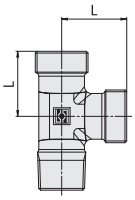

Support Sleeve
Type **FI-VH** Page 31


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





Male Stud Barrel Tee
Type FI-LE-...-Mk ▪ Series LL / L / S



C

Metric Taper Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	M 8 x 1 keg.	3	3,5	8	15	21	11	17	9	10	1,50	**FI-LE-04LLMk-W3**
	6	100	M 10 x 1 keg.	4,5	4,5	8	15	21	9,5	17	9	12	1,62	**FI-LE-06LLMk-W3**
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14	2,42	**FI-LE-08LLMk-W3**
L	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14	3,43	**FI-LE-06LMk-W3**
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17	4,24	**FI-LE-08LMk-W3**
	10	315	M 14 x 1,5 keg.	8	7	12	22	30	15	27	14	19	5,57	**FI-LE-10LMk-W3**
	12	315	M 16 x 1,5 keg.	10	9	12	24	32	17	28	17	22	7,19	**FI-LE-12LMk-W3**
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27	11,86	**FI-LE-15LMk-W3**
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32	17,50	**FI-LE-18LMk-W3**
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17	5,57	**FI-LE-06SMk-W3**
	8	400	M 14 x 1,5 keg.	5	5	12	24	32	17	27	14	19	7,54	**FI-LE-08SMk-W3**
	10	400	M 16 x 1,5 keg.	7	7	12	25	34	17,5	28	17	22	8,37	**FI-LE-10SMk-W3**
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24	12,07	**FI-LE-12SMk-W3**
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27	15,11	**FI-LE-14SMk-W3**
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30	20,16	**FI-LE-16SMk-W3**

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

Male stud acc. to DIN 3852-1 (Form C)
Port acc. to DIN 3852-1 (Form Z)

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-LE-10*L*Mk*-W3*-MS

* Male Stud Barrel Tee		**FI-LE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series	**LL**
	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Metric Taper Thread	**Mk**

If required, please indicate special sizes, e.g. M12x1.5 !

* 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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-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

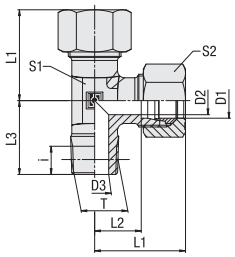

Union Nut
Type **FI-M** Page 33

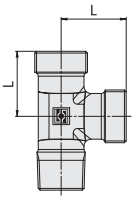

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

C

Male Stud Barrel Tee
Type FI-LE-...-N ▪ Series LL / L







Ordering Codes

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

* Male Stud Barrel Tee		**FI-LE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 92)	**LL**
	Light Series (page 92)	**L**
	Heavy Series (page 93)	**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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-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

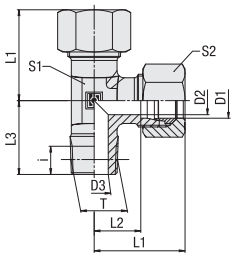
Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
LL	4	100	1/8 NPT	3	3	7	15	21	11	15	9	10	1,51	**FI-LE-04LL1/8N-W3**
	6	100	1/8 NPT	4,5	4,5	7	15	21	9,5	15	10	12	1,62	**FI-LE-06LL1/8N-W3**
	8	100	1/8 NPT	5	5	7	17	23	11,5	20	12	14	3,30	**FI-LE-08LL1/8N-W3**
L	6	315	1/8 NPT	4	4	7	19	27	12	20	12	14	1,30	**FI-LE-06L1/8N-W3**
	8	315	1/4 NPT	6	6	10	21	29	14	26	12	17	4,24	**FI-LE-08L1/4N-W3**
	10	315	1/4 NPT	7	7	10	22	30	15	27	14	19	5,57	**FI-LE-10L1/4N-W3**
	12	315	3/8 NPT	10	10	10,5	24	32	17	28	17	22	7,19	**FI-LE-12L3/8N-W3**
	15	315	1/2 NPT	12	12	14	28	36	21	34	19	27	11,86	**FI-LE-15L1/2N-W3**
	18	315	1/2 NPT	14	14	14	31	40	23,5	36	24	32	17,50	**FI-LE-18L1/2N-W3**
	22	160	3/4 NPT	18	18	14	35	44	27,5	42	27	36	27,60	**FI-LE-22L3/4N-W3**
	28	160	1 NPT	24	24	17,5	38	47	30,5	48	36	41	43,00	**FI-LE-28L1N-W3**
	35	160	1 1/4 NPT	30	30	18	46	57	35,5	54	41	50	63,50	**FI-LE-35L1-1/4N-W3**
	42	160	1 1/2 NPT	36	36	18	51	63	40	61	50	60	110,00	**FI-LE-42L1-1/2N-W3**

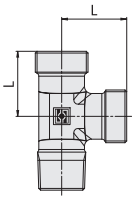
[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

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.





Male Stud Barrel Tee
Type FI-LE-...-N ▪ Series S



C

NPT Thread

Series	Tube OD mm D1	PN bar	Dimensions mm Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight kg ca. per 100	Ordering Codes[3]
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	5,57	**FI-LE-06S1/4N-W3**
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	7,54	**FI-LE-08S1/4N-W3**
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	10,50	**FI-LE-10S3/8N-W3**
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	12,07	**FI-LE-12S3/8N-W3**
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	15,11	**FI-LE-14S1/2N-W3**
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	20,16	**FI-LE-16S1/2N-W3**
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	35,00	**FI-LE-20S3/4N-W3**
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	56,00	**FI-LE-25S1N-W3**
	30	400	1 1/4 NPT	25	32	18	49	62	35,5	54	41	50	74,20	**FI-LE-30S1-1/4N-W3**
	38	400	1 1/2 NPT	32	32	18	57	72	41	61	50	60	145,00	**FI-LE-38S1-1/2N-W3**

[1] Approx.imate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

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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-LE-10*S*3/8N*-W3*-MS

* Male Stud Barrel Tee		**FI-LE**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Extra-Light Series (page 92)	**LL**
	Light Series (page 92)	**L**
	Heavy Series (page 93)	**S**
* Thread Size	acc. to dimension table	**3/8**
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 rings and union nuts	**-MS**
	Fitting body supplied with soft-sealing cutting rings and union nuts	**-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