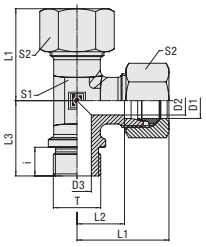
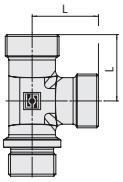
C

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**

Connecting Parts


Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)										Torque (N·m/ft·lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Thread T	per 100[2]	
L	22	160	G 3/4	18	18	16	35	44	27,5	42	27	36	180	25,01	FI-LE-22LR-W3
	.87	2320		.71	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42	133.2	55.01	
	28	160	G 1	23	23	18	38	47	30,5	48	36	41	330	40,60	FI-LE-28LR-W3
	1.10	2320		.91	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61	244.2	89.32	
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50	540	61,96	FI-LE-35LR-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97	399.6	136.32	
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60	630	100,41	FI-LE-42LR-W3
	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466.2	220.90	
S	20	400	G 3/4	16	16	16	37	48	26,5	42	27	36	270	31,72	FI-LE-20SR-W3
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42	199.8	69.78	
	25	250	G 1	20	20	18	42	54	30	48	36	46	340	54,62	FI-LE-25SR-W3
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81	251.6	120.16	
	30	160	G 1 1/4	25	25	20	49	62	35,5	54	41	50	540	52,00	FI-LE-30SR-W3
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97	399.6	114.40	
	38	160	G 1 1/2	32	32	22	57	72	41	61	50	60	700	134,44	FI-LE-38SR-W3
	1.50	2320		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36	518.0	295.76	

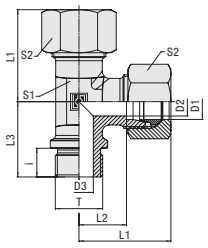
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

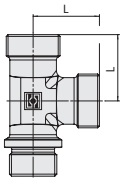
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

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







C

Metallic Sealing Edge

Metric Parallel Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)											Torque (N-m/ft-lb)	Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2		Thread T	per 100[2]	
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
	.87	2320		.71	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42		140.6	55.01	
	28	160	M 33 x 2	23	23	18	38	47	30,5	48	27	41		340	40,60	FI-LE-28LM-W3
	1.10	2320		.91	.91	.71	1.50	1.85	1.20	1.89	1.06	1.61		251.6	89.32	
	35	160	M 42 x 2	30	30	20	45	56	34,5	54	41	50		500	61,96	FI-LE-35LM-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97		370.0	136.32	
	42	160	M 48 x 2	36	36	22	51	63	40	61	50	60		630	100,41	FI-LE-42LM-W3
	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36		466.2	220.90	
S	20	400	M 27 x 2	16	16	16	37	48	26,5	42	27	36		270	31,72	FI-LE-20SM-W3
	.79	5800		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42		199.8	69.78	
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46		410	54,62	FI-LE-25SM-W3
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81		303.4	120.16	
	30	160	M 42 x 2	25	25	20	49	62	35,5	54	41	50		540	52,00	FI-LE-30SM-W3
	1.18	2320		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97		399.6	114.40	
	38	160	M 48 x 2	32	32	22	57	72	41	61	50	60		700	134,44	FI-LE-38SM-W3
	1.50	2320		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36		518.0	295.76	

[1] Approximate 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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

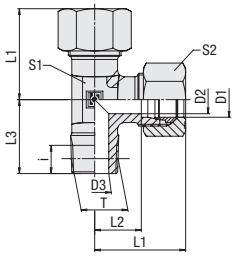

STAUFF Form Ring
Type **FI-AR** Page 30

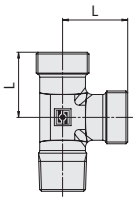

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Whitworth Taper Pipe Thread (BSPT)

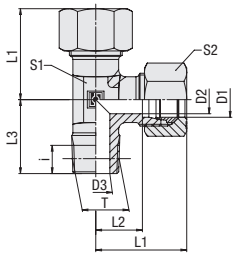
Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
LL	4	100	R 1/8 keg.	3	4	8	15	21	11	17	9	10	1,50	FI-LE-04LLRk-W3
	.16	1450		.12	.16	.31	.59	.83	.43	.67	.35	.39	3.30	
	6	100	R 1/8 keg.	4,5	5	8	16	21	9,5	17	9	12	1,60	FI-LE-06LLRk-W3
	.24	1450		.18	.20	.31	.63	.83	.37	.67	.35	.47	3.52	
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,42	FI-LE-08LLRk-W3
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	5.31	
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	3,43	FI-LE-06LRk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	94.60	
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	3,79	FI-LE-08LRk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	8.34	
	10	315	R 1/4 keg.	8	7	12	22	30	15	27	14	19	5,20	FI-LE-10LRk-W3
	.39	4568		.31	.28	.47	.87	1.18	.59	1.06	.55	.75	11.44	
	12	315	R 3/8 keg.	10	9	12	24	32	17	28	17	22	6,34	FI-LE-12LRk-W3
	.47	4568		.39	.35	.47	.94	1.26	.67	1.10	.67	.87	13.95	
	15	315	R 1/2 keg.	12	11	14	28	36	21	34	19	27	11,50	FI-LE-15LRk-W3
	.59	4568		.47	.43	.55	1.10	1.42	.83	1.34	.75	1.06	25.30	
	18	315	R 1/2 keg.	15	14	14	31	40	23,5	36	24	32	14,48	FI-LE-18LRk-W3
	.71	4568		.59	.55	.55	1.22	1.57	.93	1.42	.94	1.26	31.86	
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,03	FI-LE-06SRk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	11.07	
	8	400	R 1/4 keg.	5	5	12	24	32	17	27	14	19	6,41	FI-LE-08SRk-W3
	.31	5800		.20	.20	.47	.94	1.26	.67	1.06	.55	.75	14.10	
	10	400	R 3/8 keg.	7	7	12	25	34	17,5	28	17	22	8,33	FI-LE-10SRk-W3
	.39	5800		.28	.28	.47	.98	1.34	.69	1.10	.67	.87	18.33	
	12	400	R 3/8 keg.	8	8	12	29	38	21,5	28	17	24	10,46	FI-LE-12SRk-W3
	.47	5800		.31	.31	.47	1.14	1.50	.85	1.10	.67	.94	23.00	
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	13,91	FI-LE-14SRk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	30.60	
	16	400	R 1/2 keg.	12	12	14	33	43	24,5	32	24	30	17,66	FI-LE-16SRk-W3
	.63	5800		.47	.47	.55	1.30	1.69	.96	1.26	.94	1.18	38.85	

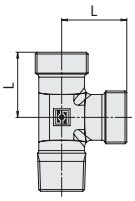
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

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.





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



C

Metric Taper Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)											Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2		per 100[2]	
LL	4	100	M 8 x 1 keg.	3	3,5	8	15	21	11	17	9	10		1,50	FI-LE-04LLMk-W3
	.16	1450		.12	.14	.31	.59	.83	.43	.67	.35	.39		3.30	
	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
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.35	.47		3.56	
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14		2,42	FI-LE-08LLMk-W3
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55		5.31	
L	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14		3,43	FI-LE-06LMk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55		7.54	
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17		4,24	FI-LE-08LMk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67		9.34	
	10	315	M 14 x 1,5 keg.	8	7	12	22	30	15	27	14	19		5,57	FI-LE-10LMk-W3
	.39	4568		.31	.28	.47	.87	1.18	.59	1.06	.55	.75		12.25	
	12	315	M 16 x 1,5 keg.	10	9	12	24	32	17	28	17	22		7,19	FI-LE-12LMk-W3
	.47	4568		.39	.35	.47	.94	1.26	.67	1.10	.67	.87		15.81	
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27		11,86	FI-LE-15LMk-W3
	.59	4568		.47	.43	.47	1.10	1.42	.83	1.26	.75	1.06		26.10	
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32		17,50	FI-LE-18LMk-W3
	.71	4568		.59	.55	.55	1.22	1.57	.93	1.42	.94	1.26		38.49	
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17		5,57	FI-LE-06SMk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67		12.26	
	8	400	M 14 x 1,5 keg.	5	5	12	24	32	17	27	14	19		7,54	FI-LE-08SMk-W3
	.31	5800		.20	.20	.47	.94	1.26	.67	1.06	.55	.75		16.58	
	10	400	M 16 x 1,5 keg.	7	7	12	25	34	17,5	28	17	22		8,37	FI-LE-10SMk-W3
	.39	5800		.28	.28	.47	.98	1.34	.69	1.10	.67	.87		18.42	
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24		12,07	FI-LE-12SMk-W3
	.47	5800		.31	.31	.47	1.14	1.50	.85	1.10	.67	.94		26.55	
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27		15,11	FI-LE-14SMk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06		33.25	
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30		20,16	FI-LE-16SMk-W3
	.63	5800		.47	.47	.55	1.30	1.69	.96	1.26	.94	1.18		44.35	

[1] Approximate 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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28

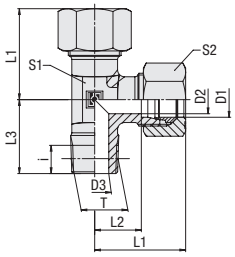

STAUFF Form Ring
Type **FI-AR** Page 30

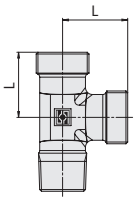

Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

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







C

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 78)	**LL**
	Light Series (page 78)	**L**
	Heavy Series (page 79)	**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

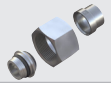

Cutting Ring
Type **FI-DS** Page 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

NPT-Thread

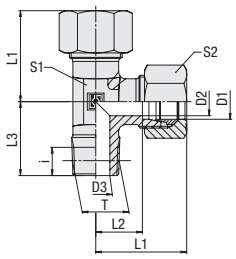
Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)										Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	per 100[2]	
LL	4	100	1/8 NPT	3	3	7	15	21	11	15	9	10	1,51	FI-LE-04LL1/8N-W3
	.16	1450		.12	.12	.28	.59	.83	.43	.59	.35	.39	3.32	
	6	100	1/8 NPT	4,5	4,5	7	15	21	9,5	15	10	12	1,62	FI-LE-06LL1/8N-W3
	.24	1450		.18	.18	.28	.59	.83	.37	.59	.39	.47	3.56	
	8	100	1/8 NPT	5	5	7	17	23	11,5	20	12	14	3,30	FI-LE-08LL1/8N-W3
	.31	1450		.20	.20	.28	.67	.91	.45	.79	.47	.55	7.26	
L	6	315	1/8 NPT	4	4	7	19	27	12	20	12	14	1,30	FI-LE-06L1/8N-W3
	.24	4568		.16	.16	.28	.75	1.06	.47	.79	.47	.55	2.86	
	8	315	1/4 NPT	6	6	10	21	29	14	26	12	17	4,24	FI-LE-08L1/4N-W3
	.31	4568		.24	.24	.39	.83	1.14	.55	1.02	.47	.67	9.33	
	10	315	1/4 NPT	7	7	10	22	30	15	27	14	19	5,57	FI-LE-10L1/4N-W3
	.39	4568		.28	.28	.39	.87	1.18	.59	1.06	.55	.75	12.25	
	12	315	3/8 NPT	10	10	10,5	24	32	17	28	17	22	7,19	FI-LE-12L3/8N-W3
	.47	4568		.39	.39	.41	.94	1.26	.67	1.10	.67	.87	15.81	
	15	315	1/2 NPT	12	12	14	28	36	21	34	19	27	11,86	FI-LE-15L1/2N-W3
	.59	4568		.47	.47	.55	1.10	1.42	.83	1.34	.75	1.06	26.10	
	18	315	1/2 NPT	14	14	14	31	40	23,5	36	24	32	17,50	FI-LE-18L1/2N-W3
	.71	4568		.55	.55	.55	1.22	1.57	.93	1.42	.94	1.26	38.49	
	22	160	3/4 NPT	18	18	14	35	44	27,5	42	27	36	27,60	FI-LE-22L3/4N-W3
	.87	2320		.71	.71	.55	1.38	1.73	1.08	1.65	1.06	1.42	60.72	
	28	160	1 NPT	24	24	17,5	38	47	30,5	48	36	41	43,00	FI-LE-28L1N-W3
	1.10	2320		.94	.94	.69	1.50	1.85	1.20	1.89	1.42	1.61	94.60	
	35	160	1 1/4 NPT	30	30	18	46	57	35,5	54	41	50	63,50	FI-LE-35L1-1/4N-W3
	1.38	2320		1.18	1.18	.71	1.81	2.24	1.40	2.13	1.61	1.97	139.70	
	42	160	1 1/2 NPT	36	36	18	51	63	40	61	50	60	110,00	FI-LE-42L1-1/2N-W3
	1.65	2320		1.42	1.42	.71	2.01	2.48	1.57	2.40	1.97	2.36	242.00	

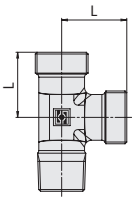
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting rings and union nuts.
[3] Standard scope of delivery: Fitting body only.

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/in)	PN (bar/PSI)	Dimensions (mm/in)											Weight (kg/lbs) ca.	Ordering Codes[3]
	D1		Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	per 100[2]	
S	6	630	1/4 NPT	4	4	10	23	31	16	26	12	17	5,57	FI-LE-06S1/4N-W3
	.24	9135		0.16	0.16	0.39	0.91	1.22	0.63	1.02	0.47	0.67	12.26	
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	7,54	FI-LE-08S1/4N-W3
	.31	9135		0.20	0.20	0.39	0.94	1.26	0.67	1.06	0.55	0.75	16.58	
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	10,50	FI-LE-10S3/8N-W3
	.39	9135		0.28	0.28	0.41	0.98	1.34	0.69	1.10	0.67	0.87	23.10	
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	12,07	FI-LE-12S3/8N-W3
	.47	9135		0.31	0.31	0.41	1.14	1.50	0.85	1.10	0.67	0.94	26.55	
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	15,11	FI-LE-14S1/2N-W3
	.55	9135		0.39	0.39	0.55	1.18	1.57	0.87	1.34	0.75	1.06	33.25	
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	20,16	FI-LE-16S1/2N-W3
	.63	9135		0.47	0.47	0.55	1.30	1.69	0.96	1.42	0.94	1.18	44.35	
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	35,00	FI-LE-20S3/4N-W3
	.79	5800		0.63	0.63	0.55	1.46	1.89	1.04	1.65	1.06	1.42	77.00	
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	56,00	FI-LE-25S1N-W3
	.98	5800		0.79	0.79	0.69	1.65	2.13	1.18	1.89	1.42	1.81	123.20	
	30	400	1 1/4 NPT	25	32	18	49	62	35,5	54	41	50	74,20	FI-LE-30S1-1/4N-W3
	1.18	5800		0.98	1.26	0.71	1.93	2.44	1.40	2.13	1.61	1.97	163.24	
	38	400	1 1/2 NPT	32	32	18	57	72	41	61	50	60	145,00	FI-LE-38S1-1/2N-W3
	1.50	5800		1.26	1.26	0.71	2.24	2.83	1.61	2.40	1.97	2.36	319.00	

[1] Approximate 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.
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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 78)	LL
	Light Series (page 78)	L
	Heavy Series (page 79)	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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35