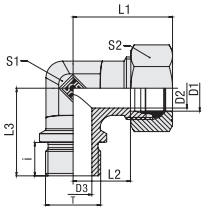
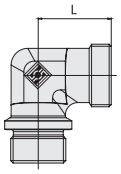
Male Stud Elbow
Type FI-WE-...-R ▪ Series L / S







C

Whitworth Parallel Pipe Thread (BSPP)

Metallic Sealing Edge

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

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	19	18	16	35	44	27,5	42	27	36		180	1,78	FI-WE-22LR-W3
	.87	2320		.75	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42		133,2	3.92	
	28	160	G 1	24	23	18	38	47	30,5	48	36	41		330	3,12	FI-WE-28LR-W3
	1.10	2320		.94	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61		244,2	6.86	
	35	160	G 1 1/4	30	30	20	45	56	34,5	54	41	50		540	4,67	FI-WE-35LR-W3
	1.38	2320		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97		399,6	10.27	
	42	160	G 1 1/2	36	36	22	51	63	40	61	50	60		630	6,90	FI-WE-42LR-W3
	1.65	2320		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36		466,2	15.18	
S	20	420	G 3/4	16	16	16	37	48	26,5	42	27	36		270	2,15	FI-WE-20SR-W3
	.79	6090		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42		199,8	4.73	
	25	420	G 3/4	20	18	16	42	54	30	48	36	46		340	3,77	FI-WE-25SR3/4-W3
	.98	6090		.79	.71	.63	1.65	2.13	1.18	1.89	1.42	1.81		251,6	8.29	
	25	420	G 1	20	20	18	42	54	30	48	36	46		340	4,06	FI-WE-25SR-W3
	.98	6090		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81		251,6	8.93	
	30	250	G 1 1/4	25	25	20	49	62	35,5	54	41	50		540	6,28	FI-WE-30SR-W3
	1.18	3625		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97		399,6	13.82	
	38	250	G 1 1/2	32	32	22	57	72	41	61	50	60		700	9,15	FI-WE-38SR-W3
	1.50	3625		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36		518,0	20.13	

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

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

Male stud acc. to 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 26


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

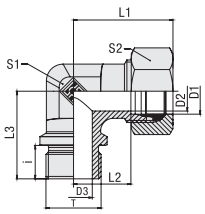

Support Sleeve
Type **FI-VH** Page 28

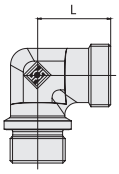

STAUFF Form Ring
Type **FI-AR** Page 30


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


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

Male Stud Elbow
Type FI-WE-...-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]
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
	.87	3625		.75	.71	.63	1.38	1.73	1.08	1.65	1.06	1.42		140,6	3.81	
	28	250	M 33 x 2	24	23	18	38	47	30,5	48	36	41		340	3,04	FI-WE-28LM-W3
	1.10	3625		.94	.91	.71	1.50	1.85	1.20	1.89	1.42	1.61		251,6	6.69	
	35	250	M 42 x 2	30	30	20	45	56	34,5	54	41	50		500	4,70	FI-WE-35LM-W3
	1.38	3625		1.18	1.18	.79	1.77	2.20	1.36	2.13	1.61	1.97		370,0	10.35	
	42	250	M 48 x 2	36	36	22	51	63	40	61	50	60		630	6,96	FI-WE-42LM-W3
	1.65	3625		1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36		466,2	15.31	
S	20	420	M 27 x 2	16	16	16	37	48	26,5	42	27	36		270	2,14	FI-WE-20SM-W3
	.79	6090		.63	.63	.63	1.46	1.89	1.04	1.65	1.06	1.42		199,8	4.71	
	25	250	M 33 x 2	20	20	18	42	54	30	48	36	46		410	4,46	FI-WE-25SM-W3
	.98	3625		.79	.79	.71	1.65	2.13	1.18	1.89	1.42	1.81		303,4	9.81	
	30	250	M 42 x 2	25	25	20	49	62	35,5	54	41	50		540	6,33	FI-WE-30SM-W3
	1.18	3625		.98	.98	.79	1.93	2.44	1.40	2.13	1.61	1.97		399,6	13.93	
	38	250	M 48 x 2	32	32	22	57	72	41	61	50	60		700	9,24	FI-WE-38SM-W3
	1.50	3625		1.26	1.26	.87	2.24	2.83	1.61	2.40	1.97	2.36		518,0	20.33	

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

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

Male stud acc. to 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 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

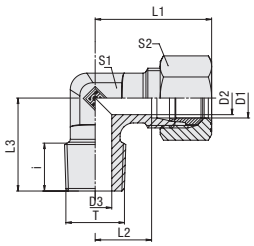

Union Nut
Type **FI-M** Page 31

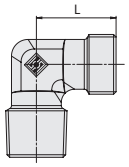

37° Flared Tube Fitting Set
Type **FI-AB** Page 35

STAUFF®

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









...-PR

Whitworth Taper Pipe Thread (BSPT)

C

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	**LL**
	Light Series	**L**
	Heavy Series	**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**

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

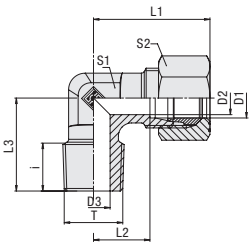
Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further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

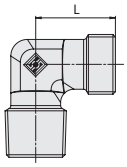
Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
LL	4	100	R 1/8 keg.	3	3	8	15	21	11	17	11	10	1,46	FI-WE-04LLRk-W3-PR
	.16	1450		.12	.12	.31	.59	.83	.43	.67	.43	.39	3.12	
	6	100	R 1/8 keg.	4,5	4,5	8	15	21	9,5	17	11	12	1,73	FI-WE-06LLRk-W3-PR
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.43	.47	3.81	
	8	100	R 1/8 keg.	6	6	8	17	23	11,5	20	12	14	2,63	FI-WE-08LLRk-W3-PR
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	5.79	
	10	100	R 1/4 keg.	8	7	12	21,5	27,5	16	26	14	14	9,10	FI-WE-10LLRk-W3
	.39	1450		.31	.28	.47	.85	1.08	.63	1.02	.55	.55	20.02	
	12	100	R 1/4 keg.	10	7	9,9	22	28	16	23	14	17	11,40	FI-WE-12LLRk-W3
	.47	1450		.39	.28	.39	.87	1.10	.63	.91	.55	.67	25.08	
L	6	315	R 1/8 keg.	4	4	8	19	27	12	20	12	14	1,96	FI-WE-06LRk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	4.32	
	6	315	R 1/4 keg.	4	6	12	21	29	14	25,5	12	14	2,93	FI-WE-06LR1/4k-W3
	.24	4568		.16	.24	.47	.83	1.14	.55	1.00	.47	.55	6.44	
	8	315	R 1/8 keg.	6	4	8	21	29	14	26	12	17	2,64	FI-WE-08LR1/8k-W3
	.31	4568		.24	.16	.31	.83	1.14	.55	1.02	.47	.67	5.80	
	8	315	R 1/4 keg.	6	6	12	21	29	14	26	12	17	2,93	FI-WE-08LRk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	6.45	
	8	315	R 3/8 keg.	6	9	14	24	32	17	28	14	17	4,34	FI-WE-08LR3/8k-W3
	.31	4568		.24	.35	.55	.94	1.26	.67	1.10	.55	.67	9.54	
	10	315	R 1/4 keg.	8	7	13	22	30	15	27	14	19	3,53	FI-WE-10LRk-W3
	.39	4568		.31	.28	.51	.87	1.18	.59	1.06	.55	.75	7.76	
	10	315	R 3/8 keg.	8	8	12,5	22	30	15	28	14	19	4,29	FI-WE-10LR3/8k-W3
	.39	4568		.31	.31	.49	.87	1.18	.59	1.10	.55	.75	9.43	
	12	315	R 1/4 keg.	10	7	14,3	24	32	17	27	17	22	4,57	FI-WE-12LR1/4k-W3
	.47	4568		.39	.28	.56	.94	1.26	.67	1.06	.67	.87	10.06	
	12	315	R 3/8 keg.	10	9	13	24	32	17	28,5	17	22	5,33	FI-WE-12LRk-W3
	.47	4568		.39	.35	.51	.94	1.26	.67	1.12	.67	.87	11.72	
	12	315	R 1/2 keg.	10	10	14	28	36	21	34	19	22	9,94	FI-WE-12LR1/2k-W3
	.47	4568		.39	.39	.55	1.10	1.42	.83	1.34	.75	.87	21.87	
	15	315	R 3/8 keg.	12	9	14	28	36	21	34	19	27	8,79	FI-WE-15LR3/8k-W3
	.59	4568		.47	.35	.55	1.10	1.42	.83	1.34	.75	1.06	19.33	
	15	315	R 1/2 keg.	12	12	16	28	36	21	34	19	27	9,12	FI-WE-15LRk-W3
	.59	4568		.47	.47	.63	1.10	1.42	.83	1.34	.75	1.06	20.06	
	18	315	R 1/2 keg.	15	14	17,5	31	40	23,5	36	24	32	11,63	FI-WE-18LRk-W3
	.71	4568		.59	.55	.69	1.22	1.57	.93	1.42	.94	1.26	25.58	
	22	160	R 3/4 keg.	19	18	11	35	44	28,5	42,5	27	36	16,80	FI-WE-22LRk-W3
	.87	2320		.75	.71	.43	1.38	1.73	1.12	1.67	1.06	1.42	36.96	
S	6	400	R 1/4 keg.	4	4	12	23	31	16	26	12	17	5,73	FI-WE-06SRk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	12.60	
	8	400	R 1/4 keg.	5	5	13	24	32	17	27	14	19	4,70	FI-WE-08SRk-W3
	.31	5800		.20	.20	.51	.94	1.26	.67	1.06	.55	.75	10.34	
	10	400	R 1/4 keg.	7	5	13	25	34	17,5	28	17	22	5,94	FI-WE-10SR1/4k-W3
	.39	5800		.28	.20	.51	.98	1.34	.69	1.10	.67	.87	13.06	
	10	400	R 3/8 keg.	7	7	13	25	34	17,5	28	17	22	6,71	FI-WE-10SRk-W3
	.39	5800		.28	.28	.51	.98	1.34	.69	1.10	.67	.87	14.77	
	12	400	R 3/8 keg.	8	7	12	29	38	21,5	28	17	24	7,78	FI-WE-12SRk-W3
	.47	5800		.31	.28	.47	1.14	1.50	.85	1.10	.67	.94	17.12	
	12	400	R 1/2 keg.	8	10	14	30	39	22,5	32	19	24	4,67	FI-WE-12SR1/2k-W3
	.47	5800		.31	.39	.55	1.18	1.54	.89	1.26	.75	.94	10.27	
	14	400	R 1/2 keg.	10	10	14	30	40	22	32	19	27	10,53	FI-WE-14SRk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	23.17	
	16	400	R 1/2 keg.	12	12	14	34	44	25,5	32	24	30	13,60	FI-WE-16SRk-W3
	.63	5800		.47	.47	.55	1.34	1.73	1.00	1.26	17.8	66.0	29.92	
	16	400	R 3/4 keg.	12	12	14	34	44	25,5	32	24	30	22,00	FI-WE-16SR3/4k-W3
	.63	5800		.47	.47	.55	1.34	1.73	1.00	1.26	.94	1.18	48.40	
	20	400	R 1/2 keg.	16	10	14	37	48	26,5	42	27	36	21,00	FI-WE-20SR1/2k-W3
	.79	5800		.63	.39	.55	1.46	1.89	1.04	1.65	1.06	1.42	46.20	

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

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

Suitable liquid / plastic sealant required.





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



C

Metric Taper Thread

...-PR 

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	1,46	FI-WE-04LLMk-W3-PR
	.16	1450		.12	.14	.31	.59	.83	.43	.67	.35	.39	3.12	
	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
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.43	.47	3.83	
	8	100	M 10 x 1 keg.	6	6	8	17	23	11,5	20	12	14	2.82	FI-WE-08LLMk-W3-PR
	.31	1450		.24	.24	.31	.67	.91	.45	.79	.47	.55	6.20	
L	6	315	M 10 x 1 keg.	4	4	8	19	27	12	20	12	14	2,16	FI-WE-06LMk-W3
	.24	4568		.16	.16	.31	.75	1.06	.47	.79	.47	.55	4.75	
	8	315	M 12 x 1,5 keg.	6	6	12	21	29	14	26	12	17	2,67	FI-WE-08LMk-W3
	.31	4568		.24	.24	.47	.83	1.14	.55	1.02	.47	.67	5.88	
	10	315	M 14 x 1,5 keg.	8	7	11,5	22	30	15	27	14	19	4,19	FI-WE-10LMk-W3
	.39	4568		.31	.28	.45	.87	1.18	.59	1.06	.55	.75	9.23	
	12	315	M 16 x 1,5 keg.	10	9	11,5	24	32	17	28	17	22	5,05	FI-WE-12LMk-W3
	.47	4568		.39	.35	.45	.94	1.26	.67	1.10	.67	.87	11.10	
	15	315	M 18 x 1,5 keg.	12	11	12	28	36	21	32	19	27	8,82	FI-WE-15LMk-W3
	.59	4568		.47	.43	.47	1.10	1.42	.83	1.26	.75	1.06	19.41	
	18	315	M 22 x 1,5 keg.	15	14	14	31	40	23,5	36	24	32	12,56	FI-WE-18LMk-W3
	.71	4568		.59	.55	.55	1.22	1.57	.93	1.42	.94	1.26	27.64	
S	6	400	M 12 x 1,5 keg.	4	4	12	23	31	16	26	12	17	3,44	FI-WE-06SMk-W3
	.24	5800		.16	.16	.47	.91	1.22	.63	1.02	.47	.67	7.56	
	8	400	M 14 x 1,5 keg.	5	5	11,5	24	32	17	27	14	19	5,33	FI-WE-08SMk-W3
	.31	5800		.20	.20	.45	.94	1.26	.67	1.06	.55	.75	11.73	
	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
	.39	5800		.28	.28	.45	.98	1.34	.69	1.10	.67	.87	13.97	
	12	400	M 18 x 1,5 keg.	8	8	12	29	38	21,5	28	17	24	8,19	FI-WE-12SMk-W3
	.47	5800		.31	.31	.47	1.14	1.50	.85	1.10	.67	.94	18.02	
	14	400	M 20 x 1,5 keg.	10	10	14	30	40	22	32	19	27	11,45	FI-WE-14SMk-W3
	.55	5800		.39	.39	.55	1.18	1.57	.87	1.26	.75	1.06	25.19	
	16	400	M 22 x 1,5 keg.	12	12	14	33	43	24,5	32	24	30	9,62	FI-WE-16SMk-W3
	.63	5800		.47	.47	.55	1.30	1.69	.96	1.26	.94	1.18	21.17	

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

Male stud acc. to 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-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 26


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


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

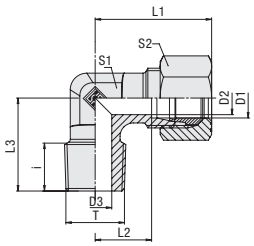

STAUFF Form Ring
Type **FI-AR** Page 30

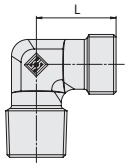

Union Nut
Type **FI-M** Page 31


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

Male Stud 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 66)	**LL**
	Light Series (page 66)	**L**
	Heavy Series (page 67)	**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 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

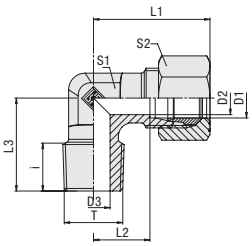
Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	D2	D3	i	L	L1[1]	L2	L3	S1	S2	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
LL	4	100	1/8 NPT	3	4	9,9	15	21	11	15,6	11	10	1,81	FI-WE-04LL1/8N-W3-PR
	.16	1450		.12	.16	.39	.59	.83	.43	.61	.43	.39	3.98	
	6	100	1/8 NPT	4,5	4,5	8	15	21	9,5	17	11	12	1,57	FI-WE-06LL1/8N-W3-PR
	.24	1450		.18	.18	.31	.59	.83	.37	.67	.43	.47	3.45	
	8	100	1/8 NPT	6	6	10	17	23	11,5	20	12	14	2,64	FI-WE-08LL1/8N-W3-PR
	.31	1450		.24	.24	.39	.67	.91	.45	.79	.47	.55	5.80	
L	6	315	1/8 NPT	4	5	8	19	27	11,5	20	12	14	1,91	FI-WE-06L1/8N-W3
	.24	4568		.16	.20	.31	.75	1.06	.45	.79	.47	.55	4.20	
	6	315	1/4 NPT	4	7	10	21	29	14	26	14	14	2,80	FI-WE-06L1/4N-W3
	.24	4568		.16	.28	.39	.83	1.14	.55	1.02	.55	.55	6.15	
	6	315	3/8 NPT	4	8	10,5	25	33	18	28	17	14	5,63	FI-WE-06L3/8N-W3
	.24	4568		.16	.31	.41	.98	1.30	.71	1.10	.67	.55	12.38	
	8	315	1/8 NPT	6	4	7	21	29	14	26	12	17	2,36	FI-WE-08L1/8N-W3
	.31	4568		.24	.16	.28	.83	1.14	.55	1.02	.47	.67	5.20	
	8	315	1/4 NPT	6	6	11,4	21	29	14	26	12	17	2,92	FI-WE-08L1/4N-W3
	.31	4568		.24	.24	.45	.83	1.14	.55	1.02	.47	.67	6.42	
	10	315	1/4 NPT	8	7	13	22	30	15	27	14	19	3,56	FI-WE-10L1/4N-W3
	.39	4568		.31	.28	.51	.87	1.18	.59	1.06	.55	.75	7.82	
	10	315	3/8 NPT	8	8	10,5	24	32	17	28	17	19	5,67	FI-WE-10L3/8N-W3
	.39	4568		.31	.31	.41	.94	1.26	.67	1.10	.67	.75	12.47	
	12	315	1/4 NPT	10	7	13	24	32	17	28	17	22	4,81	FI-WE-12L1/4N-W3
	.47	4568		.39	.28	.51	.94	1.26	.67	1.10	.67	.87	10.58	
	12	315	3/8 NPT	10	8	10,5	24	32	17	28	17	22	4,87	FI-WE-12L3/8N-W3
	.47	4568		.39	.31	.41	.94	1.26	.67	1.10	.67	.87	10.71	
	12	315	1/2 NPT	10	11	14	28	36	21	34	19	22	7,99	FI-WE-12L1/2N-W3
	.47	4568		.39	.43	.55	1.10	1.42	.83	1.34	.75	.87	17.57	
	15	315	1/2 NPT	12	14	14	28	39	21	34	19	27	8,05	FI-WE-15L1/2N-W3
	.59	4568		.47	.55	.55	1.10	1.54	.83	1.34	.75	1.06	17.70	
	18	315	1/2 NPT	15	12	14	31	40	23,5	36	24	32	12,79	FI-WE-18L1/2N-W3
	.71	4568		.59	.47	.55	1.22	1.57	.93	1.42	.94	1.26	28.14	
	22	160	3/4 NPT	19	16	14	35	44	27,5	42	27	36	17,07	FI-WE-22L3/4N-W3
	.87	2320		.75	.63	.55	1.38	1.73	1.08	1.65	1.06	1.42	37.56	
	28	160	1 NPT	24	21	17,5	38	47	30,5	48	36	41	32,40	FI-WE-28L1N-W3
	1.10	2320		.94	.83	.69	1.50	1.85	1.20	1.89	1.42	1.61	71.28	
	35	160	1 1/4 NPT	30	28	18	48	59	34,5	54	41	50	51,70	FI-WE-35L1-1/4N-W3
	1.38	2320		1.18	1.10	.71	1.89	2.32	1.36	2.13	1.61	1.97	113.74	
	42	160	1 1/2 NPT	36	34	18,5	54	66	43	61	50	60	74,60	FI-WE-42L1-1/2N-W3
	1.65	2320		1.42	1.34	.73	2.13	2.60	1.69	2.40	1.97	2.36	164.12	

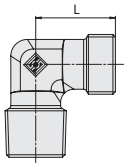
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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

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

Suitable liquid / plastic sealant required.





Male Stud Elbow
Type FI-WE-...-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	3,19	FI-WE-06S1/4N-W3
	.24	9135		.16	.16	.39	.91	1.22	.63	1.02	.47	.67	7.02	
	8	630	1/4 NPT	5	5	10	24	32	17	27	14	19	4,41	FI-WE-08S1/4N-W3
	.31	9135		.20	.20	.39	.94	1.26	.67	1.06	.55	.75	9.69	
	8	630	3/8 NPT	5	8	10,5	25	33	18	28	17	19	7,80	FI-WE-08S3/8N-W3
	.31	9135		.20	.31	.41	.98	1.30	.71	1.10	.67	.75	17.16	
	8	630	1/2 NPT	5	10	14	30	38	23	34	19	19	8,30	FI-WE-08S1/2N-W3
	.31	9135		.20	.39	.55	1.18	1.50	.91	1.34	.75	.75	18.26	
	10	630	1/4 NPT	7	5	10	25	34	17,5	28	17	22	6,17	FI-WE-10S1/4N-W3
	.39	9135		.28	.20	.39	.98	1.34	.69	1.10	.67	.87	13.57	
	10	630	3/8 NPT	7	7	10,5	25	34	17,5	28	17	22	6,64	FI-WE-10S3/8N-W3
	.39	9135		.28	.28	.41	.98	1.34	.69	1.10	.67	.87	14.62	
	12	630	1/4 NPT	8	5	15	29	38	21,5	29	17	24	7,87	FI-WE-12S1/4N-W3
	.47	9135		.31	.20	.59	1.14	1.50	.85	1.14	.67	.94	17.31	
	12	630	3/8 NPT	8	8	10,5	29	38	21,5	28	17	24	7,76	FI-WE-12S3/8N-W3
	.47	9135		.31	.31	.41	1.14	1.50	.85	1.10	.67	.94	17.07	
	12	630	1/2 NPT	8	10	14	30	39	22,5	34	19	24	11,23	FI-WE-12S1/2N-W3
	.47	9135		.31	.39	.55	1.18	1.54	.89	1.34	.75	.94	24.70	
	14	630	1/2 NPT	10	10	14	30	40	22	34	19	27	8,88	FI-WE-14S1/2N-W3
	.55	9135		.39	.39	.55	1.18	1.57	.87	1.34	.75	1.06	19.53	
	16	630	1/2 NPT	12	12	14	33	43	24,5	36	24	30	14,05	FI-WE-16S1/2N-W3
	.63	9135		.47	.47	.55	1.30	1.69	.96	1.42	.94	1.18	30.90	
	20	400	3/4 NPT	16	16	14	37	48	26,5	42	27	36	19,28	FI-WE-20S3/4N-W3
	.79	5800		.63	.63	.55	1.46	1.89	1.04	1.65	1.06	1.42	42.42	
	25	400	1 NPT	20	20	17,5	42	54	30	48	36	46	33,76	FI-WE-25S1N-W3
	.98	5800		.79	.79	.69	1.65	2.13	1.18	1.89	1.42	1.81	74.26	
	30	400	1 1/4 NPT	25	25	18	49	62	35,5	54	41	50	60,30	FI-WE-30S1-1/4N-W3
	1.18	5800		.98	.98	.71	1.93	2.44	1.40	2.13	1.61	1.97	132.66	
	38	315	1 1/2 NPT	32	32	18,5	58	73	40	61	50	60	91,80	FI-WE-38S1-1/2N-W3
	1.50	4568		1.26	1.26	.73	2.28	2.87	1.57	2.40	1.97	2.36	201.96	

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

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

Suitable liquid / plastic sealant required.

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

Ordering Codes

FI-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 66)	LL
	Light Series (page 66)	L
	Heavy Series (page 67)	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 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