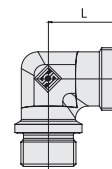
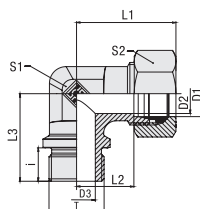


Male Stud Elbow

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 Heavy Series	L 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. per 100 ²	Ordering Codes ³
			Thread	T	D2	D3	i	L	L1 ¹	L2	L3	S1	S2	Thread T			
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
S	1.65	2320			1.42	1.42	.87	2.01	2.48	1.57	2.40	1.97	2.36	466,2	15.18		
	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 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

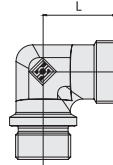
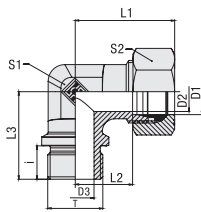


Union Nut
Type **FI-M** Page 31



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	1.73	FI-WE-22LM-W3
	.87	3625	1.5	.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	3.04	FI-WE-28LM-W3
	1.10	3625	2	.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	4.70	FI-WE-35LM-W3
	1.38	3625	2	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	6.96	FI-WE-42LM-W3
	1.65	3625	2	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	2.14	FI-WE-20SM-W3
	.79	6090	2	.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	4.46	FI-WE-25SM-W3
	.98	3625	2	.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	6.33	FI-WE-30SM-W3
	1.18	3625	2	.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	9.24	FI-WE-38SM-W3
	1.50	3625	2	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 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

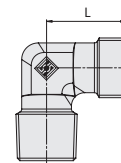
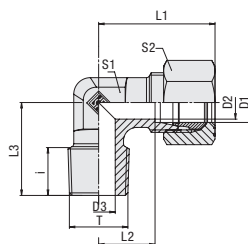
Connecting Parts

	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



Male Stud Elbow

Type FI-WE-...-Rk • Series LL / L / S



C



...-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 Light Series Heavy Series
	LL L 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

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)											Weight (kg/lbs) ca. per 100 ²	Ordering Codes ³
			D1	Thread	T	D2	D3	i	L	L ¹	L2	L3	S1		
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.

