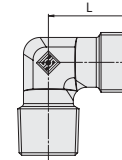
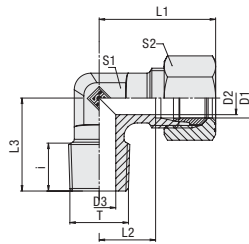


**Male Stud Elbow**  
Type FI-WE-...-N • Series LL / L



...-PR

**Ordering Codes**

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

- \* Male Stud Elbow **FI-WE**
- \* Outside Tube Diameter D1 (in mm) **-10**
- \* Series **LL**  
 Extra-Light Series (page 66)  
 Light Series (page 66)  
 Heavy Series (page 67)  
**L**  
**S**
- \* Thread Size **1/4**  
 acc. to dimension table  
 Please always indicate thread sizes, e.g. 1/4!
- \* Thread Type **N**  
 NPT Thread
- \* Material Code **-W3**  
 Steel, zinc/nickel-plated  
 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**



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



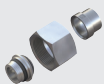
Support Sleeve  
Type **FI-VH**



STAUFF Form Ring  
Type **FI-AR**



Union Nut  
Type **FI-M**



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

**NPT Thread**

Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)										Weight (kg/lbs) ca. per 100 <sup>2</sup>	Ordering Codes <sup>3</sup>
			Thread	T	D2	D3	i	L	L1 <sup>1</sup>	L2	L3	S1		
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	
L	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	
	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	
L	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		

<sup>1</sup> Approximate dimension in assembled condition.

<sup>2</sup> Weight excluding cutting ring and union nut.

<sup>3</sup> 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.