

Weco® fittings and pup joints

Weco® fittings and pup joints have been optimized for minimum weight and size. These rugged products are ideal for handling a complete range of standard and sour gas well servicing fluids at pressures up to 20,000 psi.

Available in 1 to 4-inch sizes, both fittings and pups feature forged construction with integral Weco® wing union ends for a high-strength, high-integrity connection every time. Weco® pups and fittings come with full material traceability and can be supplied with Charpy impact values. Like all pressure containing products, Weco® pups and fittings require special handling (See Warnings).

Weco® fittings

Up to 20,000 psi cold working pressure; 1 to 4-inch bore sizes

Recommended service

High-pressure well servicing lines, fracturing lines, testing lines, cementing and circulating lines, and other well service and stimulation applications

1. Forged construction with full traceability

2. Optimized, lightweight designs

Save valuable weight and space.

3. Complete range of configurations

Tees, elbows, crosses, wyes, and laterals can be combined to suit virtually any application.

4. Integral Weco® wing union end connections

High-strength, high integrity connections every time.

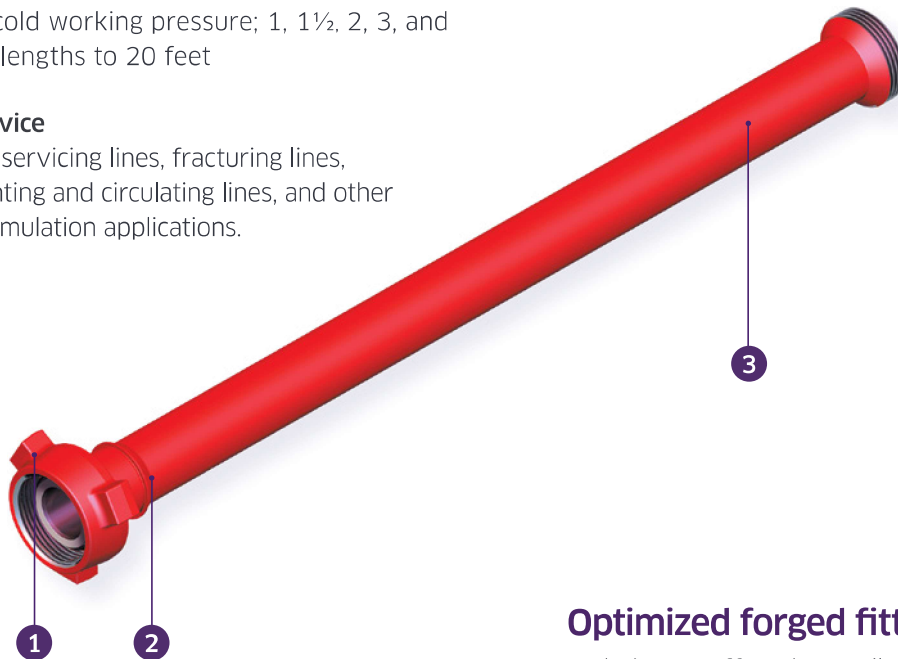


Weco® pup joints

Up to 20,000 psi cold working pressure; 1, 1½, 2, 3, and 4-inch bore sizes, lengths to 20 feet

Recommended service

High-pressure well servicing lines, fracturing lines, testing lines, cementing and circulating lines, and other well service and stimulation applications.



1. Weco® wing union nut detaches for field repair

Permits fast, easy service at the job site.

- ▶ Standard on Integral design.
- ▶ Optional on NPST design.

2. Patented retention shoulder prevents nut from sliding down pup

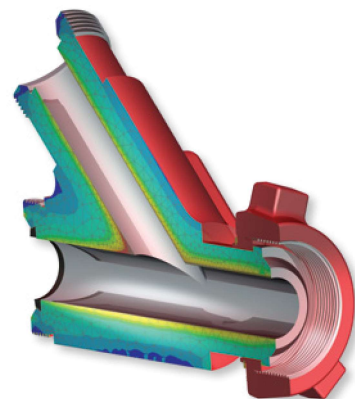
- ▶ Design decreases risk of injury to personnel.
- ▶ Standard on Integral design. Optional on NPST design.
- ▶ Optional on NPST design.

3. Integral and NPST designs

Available in integral and non-pressure seal designs to suit virtually all oilfield applications.

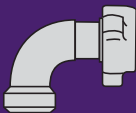
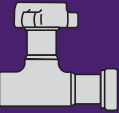
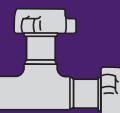
Optimized forged fittings

TechnipFMC offers the smallest, lightest integral forged fittings on the market. To minimize the size and weight of each fitting, engineers performed a finite element stress analysis on each fitting body design. From these results, the geometry was optimized for weight, and forgings were developed for each size and type of fitting. The fittings were then subjected to laboratory and field testing. The result: You save weight and space without sacrificing service life or safety.



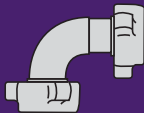
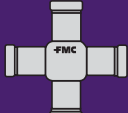
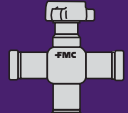
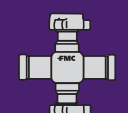
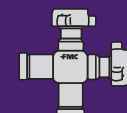
Weco® integral fittings specifications

Dimensional data

Nom. size in.	Weco wing union	CWP psi bar	Longsweep elbow		Elbows							
												
			P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg
1	1502	15,000 1034	—	—	P506048 P506048-LT	27 12.4)	P506053 P506053-LT	CF*	P506061 P506061-LT	CF*	P506069 P506069-LT	29 13.2
1.5	1502	15,000 1034	—	—	P506049 P506049-LT	CF*	P506054 P506054-LT	CF*	P506062 P506062-LT	CF*	—	—
2	602	6,000 414	3262554	24 11	P506050 P506050-LT	30 14	—	—	P506063 P506063-LT	18 8.2	P506071 P506071-LT	26.6 12
	1502	15,000 1034	3260403	27 12.6	P503846 P503846-LT	32 14.7	P506056 P506056-LT	41 18.5	P506064 P506064-LT	24 10.9	P503842 P503842-LT	29 13.2
	2002	20,000 1380	CF*	CF*	P506051 P506051-LT	36 16.3	P506057 P506057-LT	CF*	P506065 P506065-LT	CF*	—	—
3	602	6,000 414	3259683 3259683-LT	54 24.5	3267335 3267335-LT	101 45.6	—	—	—	—	—	—
	1502	15,000 1034	3259845 3259845-LT	50 23	3265950 3265950-LT	102 46.3	P506059 P506059-LT	121 54.9	P506067 P506067-LT	87 39.5	3268575 3268575-LT	114 51.7
	1505	15,000 1034	—	—	CF*	CF*	CF*	CF*	CF*	CF*	CF*	CF*
	2002	20,000 1380	—	—	P519448 P519448-LT	221 100	CF*	CF*	CF*	CF*	P524672 P524672-LT	220 99.8
4	602	6,000 414	P506172 P506172-LT	76 35	P506052 P506052-LT	CF*	P506060 P506060-LT	CF*	P506068 P506068-LT	CF*	—	—
	1002	10,000 690	3261102 3261102-LT	77 35	3268033 3268033-LT	101 45.8	3268115 3268115-LT	105 47.6	3268113 3268113-LT	75 34	P500631 P500631-LT	101 45.8
	1502	15,000 1034	—	—	CF*	CF*	CF*	CF*	CF*	CF*	—	—

*Consult factory

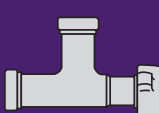
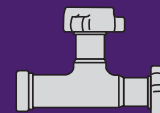
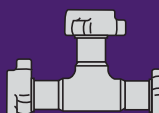
Dimensional data

Nom. size in.	Weco wing union	CWP psi bar	Longsweep elbow		Crosses							
												
			P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg
1	1502	15,000 1034	—	—	P506107 P506107-LT	CF*	P506113 P506113-LT	CF*	P506118 P506118-LT	CF*	P506129 P506129-LT	CF*
1.5	1502	15,000 1034	—	—	P503531 P503531-LT	65 30	3269120 3269120-LT	77 33	—	—	P506130 P506130-LT	83 37.6
2	602	6,000 414	—	—	—	—	—	—	3262655 3262655-LT	52 24	P506131 P506131-LT	67 30.4
	1502	15,000 1034	3261768 3261768-LT	34 15.4	3257972 3257972-LT	59 26.8	3257973 3257973-LT	69 32	3258450 3258450-LT	73 33.1	3258451 3258451-LT	76 35
	2002	20,000 1380	CF*	CF*	3267282 3267282-LT	80 36.3	P506115 P506115-LT	69 32	P506120 P506120-LT	CF*	P506132 P506132-LT	CF*
3	602	6,000 414	—	—	P506109 P506109-LT	157 71.2	P506116 P506116-LT	134 61	—	—	P506133 P506133-LT	180 81.6
	1502	15,000 1034	P506175 P506175-LT	65 29.5	P506110 P506110-LT	136 61.7	P517401 P517401-LT	144 80.7	P506122 P506122-LT	151 68.5	P506134 P506134-LT	152 69
	1505	15,000 1034	P555280 P555280-LT	81 37	CF*		CF*		CF*		CF*	
	2002	20,000 (1380)	—	—	—	—	—	—	—	—	—	—
4	602	6,000 414	P506175 P506175-LT	CF*			P504791 P504791-LT	157 71.2	—	—	—	—
	1002	10,000 690	P506177 P506177-LT	CF*	P506112 P506112-LT	104 47	P506117 P506117-LT	157 71.2	—	—	—	—
	1502	15,000 1034	—	—	—	—	—	—	—	—	—	—

*Consult factory

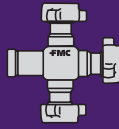
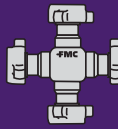
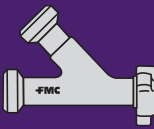
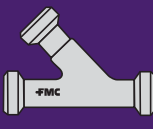
Weco® integral fittings specifications

Dimensional data

Nom. size in.	Weco wing union	CWP psi bar	Tees									
												
			P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg
1	1502	15,000 1034	P506076	32	P506083	32	P506087	42	P506093	33	P506100	34
			P506076-LT	14.4	P506083-LT	14.4	P506087-LT	19	P506093-LT	15	P506100-LT	15.4
1.5	1502	15,000 1034	—	—	P505457	40	P506088	47	P506094	47	—	—
			—	—	P505457-LT	18	P506088-LT	21.1	P506094-LT	21.1	—	—
2	602	6,000 414	—	—	P506084	34	P506089	41	P506095	41	—	—
			—	—	P506084-LT	16	P506089-LT	19	P506095-LT	19	—	—
	1502	15,000 1034	P503850	38	P503840	38	P503848	46	P505362	46	P505364	54
			P503850-LT	17	P503840-LT	17	P503848-LT	20.9	P505362-LT	20.9	P505364-LT	24.7
3	2002	20,000 1380	P506090	46	P505584	42	P506080	52	—	—	—	—
			P506090-LT	21	P505584-LT	19	P506080-LT	23.6	—	—	—	—
	602	6,000 414	—	—	P506085	124	P506091	126	—	—	—	—
			—	—	P506085-LT	56.2	P506091-LT	57.2	—	—	—	—
4	1502	15,000 1034	3263821	128	3262298	128	3265538	135	3265947	135	3268629	142
			3263821-LT	58	3262298-LT	58	3265538-LT	61	3265947-LT	61	3268629-LT	65
	1505	15,000 1034	CF*		P556355	136	P556726	152	CF*		CF*	
					P556355	62	P556726	69				
5	2002	20,000 (1380)	P524673	253	P519451	253	P524674	274	P524675	274	P524676	295
			P524673-LT	115	P519451-LT	115	P524674-LT	124	P524675-LT	125	P524676-LT	134
	602	6,000 414	P506082	107	P506086	141	P506092	127	P506098	124	—	—
			P506082-LT	49	P506086-LT	64	P506092-LT	57.6	P506098-LT	57	—	—
6	1002	10,000 690	P500633	114	3268031	110	P500632	120	—	—	P506106	140
			P500633-LT	52	3268031-LT	50	P500632-LT	54.5	—	—	P506106-LT	64
	1502	15,000 1034	P518756	229	P518790	228	P524680	251	—	—	—	—
			P518756-LT	103.9	P518790-LT	104	P524680-LT	14	—	—	—	—

*Consult factory

Dimensional data

Nom. size in.	Weco wing union	CWP psi bar	Crosses				Laterals				Wyes	
												
			P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg	P/N P/N-LT	lb kg
1	1502	15,000 1034	P506137 P506137-LT	CF*	P506146 P506146-LT	CF*	P506154 P506154-LT	58 26.3	P506160 P506160-LT	57 26	P506164 P506164-LT	CF*
1.5	1502	15,000 1034	—	—	—	—	P505434 P505434-LT	64 29	—	—	P506166 P506166-LT	30 14
2	602	6,000 414	—	—	—	—	3263029 3263029-LT	57 26	—	—	3262652 3262652-LT	26 12
	1502	15,000 1034	3257976 3257976-LT	83 38	3257975 3257975-LT	91 42	3261420 3261420-LT	61 28	—	—	3208846 3208846-LT	30 14
	2002	20,000 (1380)	P506140 P506140-LT	CF*	P506149 P506149-LT	CF*	P506156 P506156-LT	CF*	—	—	3254106 3254106-LT	32 14.5
3	602	6,000 414	—	—	—	—	CF*	CF*	CF*	CF*	—	—
	1502	15,000 1034	P506142 P506142-LT	159 72	P506151 P506151-LT	166 76	3266805 3266805-LT	95 43	P506161 P506161-LT	82 38	—	—
	1505	15,000 1034	CF*		CF*		P555226 49	107 49	P506161 38	82 38	—	—
	2002	20,000 1380	—	—	—	—	CF*	CF*	CF*	CF*	—	—
4	602	6,000 414	—	—	—	—	P506158 P506158-LT	168 77	CF*	CF*	—	—
	1002	10,000 690	—	—	—	—	P519459 P519459-LT	174 78.9	CF*	CF*	—	—
	1502	15,000 1034	—	—	—	—	P518757 P518757-LT	288 130.6	CF*	CF*	—	—

*Consult factory

Weco® integral fittings specifications

Dimensional data

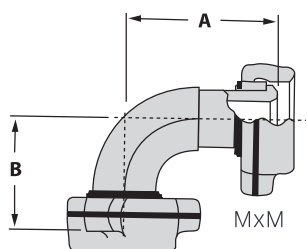
Nominal size in.	Longsweep elbow				Elbow
	M x M		M x F		
	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	A in. (mm)
1	—	—	—	—	6.06 (154)
1.5	—	—	—	—	6.06 (154)
2	7.16 (182)	5.13 (130)	7.16 (182)	5.5 (140)	6.06 (154)
3	10 (254)	7.59 (193)	10 (254)	7.94 (202)	8 (203)
4	12.62 (321)	9.69 (246)	12.62 (321)	9.69 (246)	8.2 (208)

Dimensional data

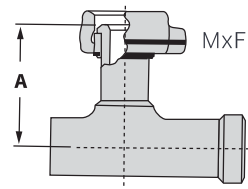
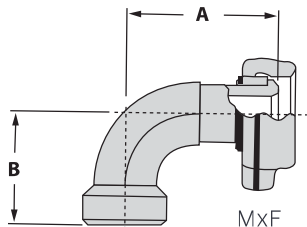
Nominal size in.	Wyes		Tees		Cross	
	A in. (mm)	B in. (mm)	A in. (mm)	B in. (mm)	A in. (mm)	B in. (mm)
1	5.25 (133)	5 (127)	6.06 (154)	12.12 (308)	7.50 (191)	15 (381)
1.5	5.25 (133)	5 (127)	6.06 (154)	12.12 (308)	7.50 (191)	15 (381)
2	5.25 (133)	5 (127)	6.06 (154)	12.12 (308)	7.50 (191)	15 (381)
3	—	—	8 (203)	16 (406)	8 (203)	16 (406)
4	—	—	8.20 (208)	16.40 (417)	8.20 (208)	16.40 (417)

Dimensional data

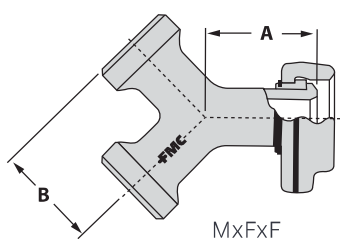
Nominal size in.	Weco Wing Union End	45° Lateral			60° Lateral		
		A in. (mm)	B in. (mm)	C in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)
1	—	10.50 (267)	15.75 (400)	5.25 (133)	—	—	—
1.5	—	10.50 (267)	15.75 (400)	5.25 (133)	—	—	—
2	—	10.50 (267)	15.75 (400)	5.25 (133)	—	—	—
3	602	—	—	—	8.5 (216)	16 (406)	6.63 (168)
3	1502	—	—	—	8.5 (216)	16 (406)	6.63 (168)
3	2002	15 (381)	20.26 (515)	7.63 (194)	—	—	—
4	602	—	—	—	11.50 (292)	19.50 (495)	8 (203)
4	1002	—	—	—	11.50 (292)	19.50 (495)	8 (203)
4	1502	15 (381)	20.26 (515)	7.63 (194)	—	—	—



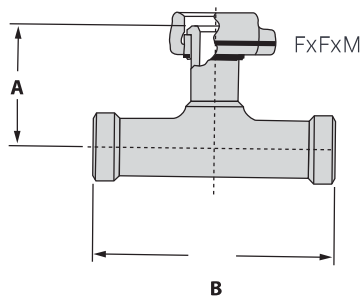
Longsweep elbows



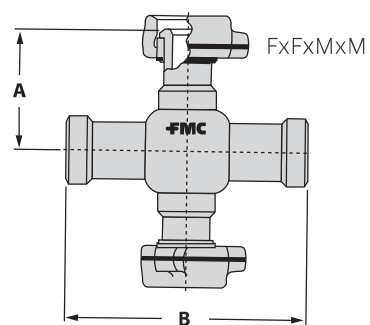
Elbow



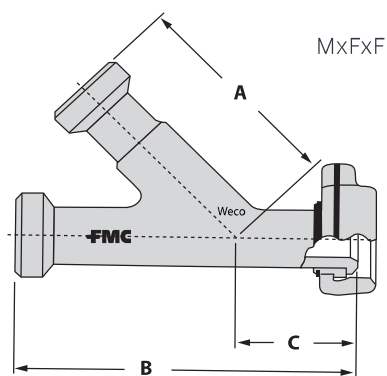
Wye



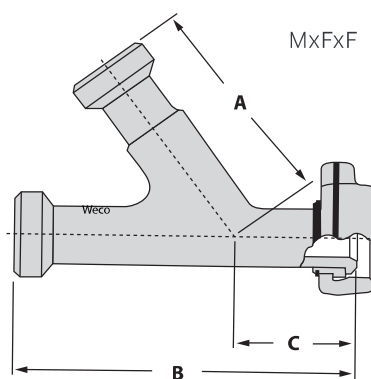
Tee



Cross



45° Lateral



60° Lateral