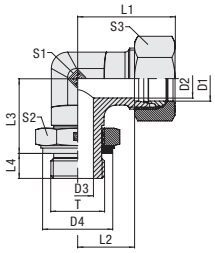
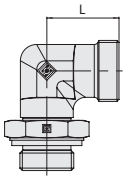
Adjustable Male Stud Elbow (90°) with Lock Nut
Type FI-WEE-...-R-OK ▪ Series L / S







Whitworth Parallel Pipe Thread (BSPP)

O-Ring and Retaining Ring (Small)

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	D4	L	L1[1]	L2	L3	L4	S1	S2	S3	Thread T	per 100[2]	
L	6	315	G 1/8	4	4	14,8	21	29	14	20	7	14	14	14	25	4,06	FI-WEE-06LR-OK-B-W3
	.24	4568		.16	.16	.58	.83	1.14	.55	.79	.28	.55	.55	.55	18.5	8.94	
	8	315	G 1/4	6	5	19,8	23	31	16	25	9	14	19	17	50	6,34	FI-WEE-08LR-OK-B-W3
	.31	4568		.24	.20	.78	.91	1.22	.63	.98	.35	.55	.75	.67	37.0	13.95	
	10	315	G 1/4	8	5	19,8	24	32	17	27	9	19	19	19	50	9,17	FI-WEE-10LR-OK-B-W3
	.39	4568		.31	.20	.78	.94	1.26	.67	1.06	.35	.75	.75	.75	37.0	20.18	
	12	250	G 3/8	10	8	22,8	26	34	19	28	9	19	22	22	80	10,39	FI-WEE-12LR-OK-B-W3
	.47	3625		.39	.31	.90	1.02	1.34	.75	1.10	.35	.75	.87	.87	59.2	22.87	
	15	250	G 1/2	12	12	27,8	28	36	21	29	13	22	27	27	105	15,73	FI-WEE-15LR-OK-B-W3
	.59	3625		.47	.47	1.09	1.10	1.42	.83	1.14	.51	.87	1.06	1.06	77.7	34.61	
	18	250	G 1/2	15	12	27,8	31	40	23,5	33	13	27	27	32	105	22,29	FI-WEE-18LR-OK-B-W3
	.71	3625		.59	.47	1.09	1.22	1.57	.93	1.30	.51	1.06	1.06	1.26	77.7	49.04	
	22	160	G 3/4	19	16	32,8	35	44	27,5	38	13	30	36	36	220	33,01	FI-WEE-22LR-OK-B-W3
	.87	2320		.75	.63	1.29	1.38	1.73	1.08	1.50	.51	1.18	1.42	1.42	162.8	72.63	
	28	160	G 1	24	20	40,8	38	47	30,5	44	15	36	41	41	370	50,60	FI-WEE-28LR-OK-B-W3
	1.10	2320		.94	.79	1.61	1.50	1.85	1.20	1.73	.59	1.42	1.61	1.61	273.8	111.32	
	35	160	G 1 1/4	30	25	50,8	48	59	37,5	55	15	50	50	50	500	115,30	FI-WEE-35LR-OK-B-W3
	1.38	2320		1.18	.98	2.00	1.89	2.32	1.48	2.17	.59	1.97	1.97	1.97	370.0	253.66	
	42	160	G 1 1/2	36	32	55,8	49	61	38	59	15	50	55	60	600	112,50	FI-WEE-42LR-OK-B-W3
	1.65	2320		1.42	1.26	2.20	1.93	2.40	1.50	2.32	.59	1.97	2.17	2.36	444.0	247.50	
S	6	315	G 1/4	4	5	19,8	22	30	15	25	9	14	19	17	50	6,62	FI-WEE-06SR-OK-B-W3
	.24	4568		.16	.20	.78	.87	1.18	.59	.98	.35	.55	.75	.67	37.0	14.56	
	8	315	G 1/4	5	5	19,8	24	32	17	27	9	19	19	19	50	9,70	FI-WEE-08SR-OK-B-W3
	.31	4568		.20	.20	.78	.94	1.26	.67	1.06	.35	.75	.75	.75	37.0	21.34	
	10	250	G 3/8	7	8	22,8	25	34	17,5	28	9	19	22	22	80	10,96	FI-WEE-10SR-OK-B-W3
	.39	3625		.28	.31	.90	.98	1.34	.69	1.10	.35	.75	.87	.87	59.2	24.12	
	12	250	G 3/8	8	8	22,8	29	38	21,5	31	9	22	22	24	80	14,98	FI-WEE-12SR-OK-B-W3
	.47	3625		.31	.31	.90	1.14	1.50	.85	1.22	.35	.87	.87	.94	59.2	32.95	
	16	250	G 1/2	12	12	27,8	33	43	24,5	33	13	27	27	30	105	23,56	FI-WEE-16SR-OK-B-W3
	.63	3625		.47	.47	1.09	1.30	1.69	.96	1.30	.51	1.06	1.06	1.18	77.7	51.84	
	20	250	G 3/4	16	16	32,8	38	49	27,5	39	12	30	36	36	220	36,41	FI-WEE-20SR-OK-B-W3
	.79	3625		.63	.63	1.29	1.50	1.93	1.08	1.54	.47	1.18	1.42	1.42	162.8	80.09	
	25	250	G 1	20	20	40,8	42	54	30	45	14	36	41	46	370	56,20	FI-WEE-25SR-OK-B-W3
	.98	3625		.79	.79	1.61	1.65	2.13	1.18	1.77	.55	1.42	1.61	1.81	273.8	123.64	
	30	160	G 1 1/4	25	25	50,8	49	62	35,5	55	15	50	50	50	500	120,20	FI-WEE-30SR-OK-B-W3
	1.18	2320		.98	.98	2.00	1.93	2.44	1.40	2.17	.59	1.97	1.97	1.97	370.0	264.44	
	38	160	G 1 1/2	32	32	55,8	50	65	34	59	15	50	55	60	600	120,30	FI-WEE-38SR-OK-B-W3
	1.50	2320		1.26	1.26	2.20	1.97	2.56	1.34	2.32	.59	1.97	2.17	2.36	444.0	264.66	

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

Standard seal material is NBR (Buna-N®).

Male stud acc. to ISO 1179-3 (Type H)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

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.

J

Ordering Codes

FI-WEE-10*L*R*-OK*-B*-W3*-MS

* Adjustable Male Stud Elbow (90°) with Lock Nut		FI-WEE
* Outside Tube Diameter (in mm)		-10
* Series	Light Series	L
	Heavy Series	S
* Thread Type	Whitworth Parallel Pipe Thread (BSPP)	R

If required, please indicate special sizes, e.g. R1/8!

* Seal Type	O-Ring and Retaining Ring (Small)	-OK
* Seal Material	NBR (Buna-N®)	-B
	FKM (Viton®)	-V
	EPDM	-E
* 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

Adjustable Male Stud Elbow (45°) with Lock Nut
Type FI-VEE-...-R-OK ▪ Series L / S

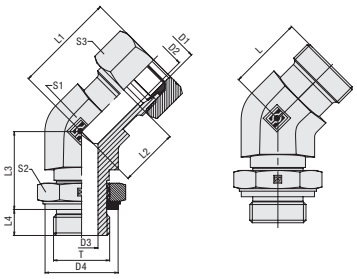
Adjustable Male Stud Branch Tee with Lock Nut
Type FI-TEE-...-R-OK ▪ Series L / S

Adjustable Male Stud Barrel Tee with Lock Nut
Type FI-LEE-...-R-OK ▪ Series L / S

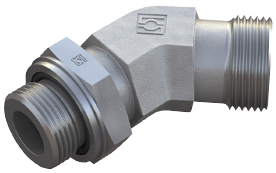
Type FI-VEE-...-R-OK

Whitworth Parallel Pipe Thread (BSPP)
O-Ring and Retaining Ring (Small)

Male stud acc. to ISO 1179-3 (Type H)
Port acc. to ISO 1179-1



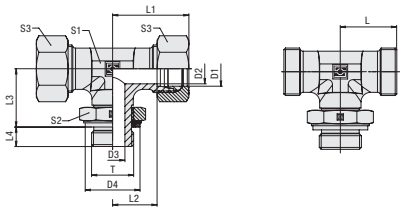
Dimensions L, L1, L2 and L3 deviating from the dimension table on the left.



Type FI-TEE-...-R-OK

Whitworth Parallel Pipe Thread (BSPP)
O-Ring and Retaining Ring (Small)

Male stud acc. to ISO 1179-3 (Type H)
Port acc. to ISO 1179-1

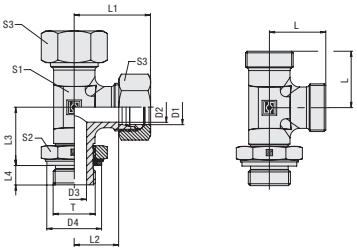




Type FI-LEE-...-R-OK

Whitworth Parallel Pipe Thread (BSPP)
O-Ring and Retaining Ring (Small)

Male stud acc. to ISO 1179-3 (Type H)
Port acc. to ISO 1179-1





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.

Connecting Parts



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



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



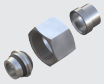
Support Sleeve
Type **FI-VH** Page 28



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

Spare Parts / Accessories



O-Ring
Type **O-RING** Page 207

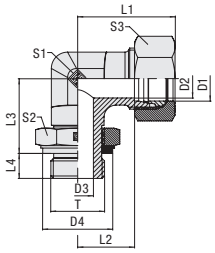


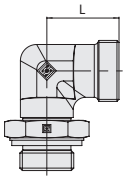
Retaining Ring (Small)
Type **FI-KR** Page 215

J

Adjustable Male Stud Elbow (90°) with Lock Nut
Type FI-WEE-...-M-OK ▪ Series L / S







Metric Parallel Thread

O-Ring and Retaining Ring (Small)

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	D4	L	L1[1]	L2	L3	L4	S1	S2	S3	Thread T	per 100[2]	
L	6	315	M 10 x 1	4	4	14,8	21	29	14	20	7	14	14	14	18	4,42	FI-WEE-06LM-OK-B-W3
	.24	4568		.16	.16	.58	.83	1.14	.55	.79	.28	.55	.55	.55	13.3	9.72	
	8	315	M 12 x 1,5	6	4	17,8	23	31	16	23,5	10	14	17	17	35	5,14	FI-WEE-08LM-OK-B-W3
	.31	4568		.24	.16	.70	.91	1.22	.63	.93	.39	.55	.67	.67	25.9	11.31	
	10	315	M 14 x 1,5	8	5	19,8	24	32	17	27	10	19	19	19	55	8,60	FI-WEE-10LM-OK-B-W3
	.39	4568		.31	.20	.78	.94	1.26	.67	1.06	.39	.75	.75	.75	40.7	18.92	
	12	315	M 16 x 1,5	10	7	22,8	26	34	19	27	10	19	22	22	80	10,44	FI-WEE-12LM-OK-B-W3
	.47	4568		.39	.28	.90	1.02	1.34	.75	1.06	.39	.75	.87	.87	59.2	22.96	
	15	315	M 18 x 1,5	12	8	24,8	28	36	21	29	11	22	24	27	105	14,89	FI-WEE-15LM-OK-B-W3
	.59	4568		.47	.31	.98	1.10	1.42	.83	1.14	.43	.87	.94	1.06	77.7	32.75	
	18	250	M 22 x 1,5	15	12	27,8	31	40	23,5	36	12	27	27	32	125	23,93	FI-WEE-18LM-OK-B-W3
	.71	3625		.59	.47	1.09	1.22	1.57	.93	1.42	.47	1.06	1.06	1.26	92.5	52.65	
	22	160	M 27 x 2	19	16	32,8	35	44	27,5	38	14	30	32	36	220	30,36	FI-WEE-22LM-OK-B-W3
	.87	2320		.75	.63	1.29	1.38	1.73	1.08	1.50	.55	1.18	1.26	1.42	162.8	66.79	
	28	160	M 33 x 2	24	20	40,8	38	47	30,5	47	14	36	41	41	370	51,70	FI-WEE-28LM-OK-B-W3
	1.10	2320		.94	.79	1.61	1.50	1.85	1.20	1.85	.55	1.42	1.61	1.61	273.8	113.74	
	35	160	M 42 x 2	30	25	50,8	48	59	37,5	58	14	50	50	50	500	106,10	FI-WEE-35LM-OK-B-W3
	1.38	2320		1.18	.98	2.00	1.89	2.32	1.48	2.28	.55	1.97	1.97	1.97	370.0	233.42	
	42	160	M 48 x 2	36	32	55,8	49	61	38	58,5	16	50	55	60	600	101,60	FI-WEE-42LM-OK-B-W3
	1.65	2320		1.42	1.26	2.20	1.93	2.40	1.50	2.30	.63	1.97	2.17	2.36	444.0	223.52	
S	6	315	M 12 x 1,5	4	4	17,8	22	30	15	23,5	10	14	17	17	35	6,43	FI-WEE-06SM-OK-B-W3
	.24	4568		.16	.16	.70	.87	1.18	.59	.93	.39	.55	.67	.67	25.9	14.14	
	8	315	M 14 x 1,5	5	5	19,8	24	32	17	27	10	19	19	19	55	9,06	FI-WEE-08SM-OK-B-W3
	.31	4568		.20	.20	.78	.94	1.26	.67	1.06	.39	.75	.75	.75	40.7	19.94	
	10	315	M 16 x 1,5	7	7	22,8	25	34	17,5	26	11	19	22	22	80	11,02	FI-WEE-10SM-OK-B-W3
	.39	4568		.28	.28	.90	.98	1.34	.69	1.02	.43	.75	.87	.87	59.2	24.24	
	12	315	M 18 x 1,5	8	8	24,8	29	38	21,5	28	12	22	24	24	105	15,90	FI-WEE-12SM-OK-B-W3
	.47	4568		.31	.31	.98	1.14	1.50	.85	1.10	.47	.87	.94	.94	77.7	34.98	
	16	250	M 22 x 1,5	12	12	27,8	33	43	24,5	34	14	27	27	30	125	25,14	FI-WEE-16SM-OK-B-W3
	.63	3625		.47	.47	1.09	1.30	1.69	.96	1.34	.55	1.06	1.06	1.18	92.5	55.31	
	20	250	M 27 x 2	16	16	32,8	38	49	27,5	36	16	30	32	36	220	38,45	FI-WEE-20SM-OK-B-W3
	.79	3625		.63	.63	1.29	1.50	1.93	1.08	1.42	.63	1.18	1.26	1.42	162.8	84.59	
	25	160	M 33 x 2	20	20	40,8	42	54	30	45	16	36	41	46	370	53,82	FI-WEE-25SM-OK-B-W3
	.98	2320		.79	.79	1.61	1.65	2.13	1.18	1.77	.63	1.42	1.61	1.81	273.8	118.40	
	30	160	M 42 x 2	25	25	50,8	49	62	35,5	55	17	50	50	50	500	110,10	FI-WEE-30SM-OK-B-W3
	1.18	2320		.98	.98	2.00	1.93	2.44	1.40	2.17	.67	1.97	1.97	1.97	370.0	242.22	
	38	160	M 48 x 2	32	32	55,8	50	65	34	55,5	19	50	55	60	600	109,30	FI-WEE-38SM-OK-B-W3
	1.50	2320		1.26	1.26	2.20	1.97	2.56	1.34	2.19	.75	1.97	2.17	2.36	444.0	240.46	

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

Standard seal material is NBR (Buna-N®).

Port acc. to ISO 9974-1

Torque recommendations for Steel mating material.

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.

J

Ordering Codes

FI-WEE-10*L*M*-OK*-B*-W3*-MS

* Adjustable Male Stud Elbow (90°) with Lock Nut			FI-WEE
* Outside Tube Diameter (in mm)			-10
* Series	Light Series		L
	Heavy Series		S
* Thread Type	Metric Parallel Thread		M

If required, please indicate special sizes, e.g. M26x1.5!

* Seal Type	O-Ring and Retaining Ring (Small)	-OK
* Seal Material	NBR (Buna-N®)	-B
	FKM (Viton®)	-V
	EPDM	-E
* 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

Adjustable Male Stud Elbow (45°) with Lock Nut
Type FI-VEE-...-M-OK ▪ Series L / S

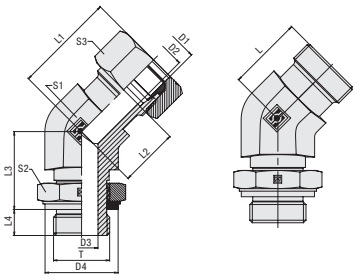
Adjustable Male Stud Branch Tee with Lock Nut
Type FI-TEE-...-M-OK ▪ Series L / S

Adjustable Male Stud Barrel Tee with Lock Nut
Type FI-LEE-...-M-OK ▪ Series L / S

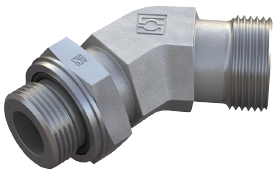
Type FI-VEE-...-M-OK

Metric Parallel Thread
O-Ring and Retaining Ring (Small)

Port acc. to ISO 9974-1



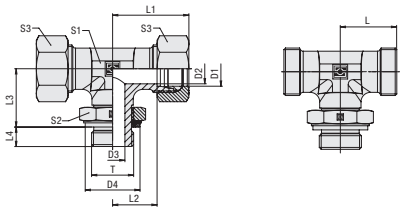
Dimensions L, L1, L2 and L3 deviating from the dimension table on the left.



Type FI-TEE-...-M-OK

Metric Parallel Thread
O-Ring and Retaining Ring (Small)

Port acc. to ISO 9974-1

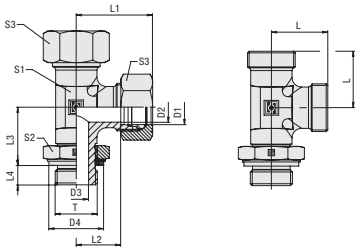




Type FI-LEE-...-M-OK

Metric Parallel Thread
O-Ring and Retaining Ring (Small)

Port acc. to ISO 9974-1





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.

Connecting Parts



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



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



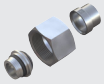
Support Sleeve
Type **FI-VH** Page 28



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

Spare Parts / Accessories



O-Ring
Type **O-RING** Page 207

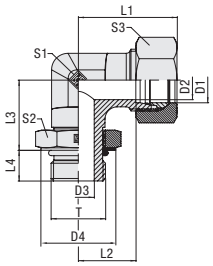


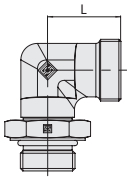
Retaining Ring (Small)
Type **FI-KR** Page 215

J

Adjustable Male Stud Elbow (90°) with Lock Nut
Type FI-WEE-...-M-OR ▪ Series L / S







Metric Parallel Thread

O-Ring

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	D4	L	L1[1]	L2	L3	L4	S1	S2	S3	Thread T	per 100[2]	
L	6	315	M 10 x 1	4	4	14,5	21	29	14	20	7	14	14	14	15	5,16	FI-WEE-06LM-OR-B-W3-MS
	.24	4568		.16	.16	.57	.83	1.14	.55	.79	.28	.55	.55	.55	11.1	11.35	
	8	315	M 12 x 1,5	6	4	17,5	23	31	16	23,5	10	14	17	17	25	5,44	FI-WEE-08LM-OR-B-W3-MS
	.31	4568		.24	.16	.69	.91	1.22	.63	.93	.39	.55	.67	.67	18.5	11.96	
	10	315	M 14 x 1,5	8	5	19,5	24	32	17	27	10	19	19	19	35	9,00	FI-WEE-10LM-OR-B-W3-MS
	.39	4568		.31	.20	.77	.94	1.26	.67	1.06	.39	.75	.75	.75	25.9	19.80	
	12	315	M 16 x 1,5	10	7	22,5	26	34	19	27	10	19	22	22	40	10,23	FI-WEE-12LM-OR-B-W3-MS
	.47	4568		.39	.28	.89	1.02	1.34	.75	1.06	.39	.75	.87	.87	29.6	22.51	
	15	315	M 18 x 1,5	12	8	24,5	28	36	21	29	11	22	24	27	45	14,59	FI-WEE-15LM-OR-B-W3-MS
	.59	4568		.47	.31	.96	1.10	1.42	.83	1.14	.43	.87	.94	1.06	33.3	32.11	
	18	250	M 22 x 1,5	15	12	27,5	31	40	23,5	36	12	27	27	32	60	23,09	FI-WEE-18LM-OR-B-W3-MS
	.71	3625		.59	.47	1.08	1.22	1.57	.93	1.42	.47	1.06	1.06	1.26	44.4	50.80	
	22	160	M 27 x 2	19	16	32,5	35	44	27,5	38	14	30	32	36	100	39,11	FI-WEE-22LM-OR-B-W3-MS
	.87	2320		.75	.63	1.28	1.38	1.73	1.08	1.50	.55	1.18	1.26	1.42	74.0	86.04	
	28	160	M 33 x 2	24	20	41,5	38	47	30,5	47	14	36	41	41	160	61,54	FI-WEE-28LM-OR-B-W3-MS
	1.10	2320		.94	.79	1.63	1.50	1.85	1.20	1.85	.55	1.42	1.61	1.61	118.4	135.38	
	35	160	M 42 x 2	30	25	50,5	48	59	37,5	58	14	50	50	50	210	131,90	FI-WEE-35LM-OR-B-W3-MS
	1.38	2320		1.18	.98	1.99	1.89	2.32	1.48	2.28	.55	1.97	1.97	1.97	155.4	290.18	
	42	160	M 48 x 2	36	32	55,5	49	61	38	58,5	16	50	55	60	260	136,43	FI-WEE-42LM-OR-B-W3-MS
	1.65	2320		1.42	1.26	2.19	1.93	2.40	1.50	2.30	.63	1.97	2.17	2.36	192.4	300.15	
S	6	315	M 12 x 1,5	4	4	17,5	22	30	15	23,5	10	14	17	17	35	7,62	FI-WEE-06SM-OR-B-W3-MS
	.24	4568		.16	.16	.69	.87	1.18	.59	.93	.39	.55	.67	.67	25.9	16.77	
	8	315	M 14 x 1,5	5	5	19,5	24	32	17	27	10	19	19	19	45	11,98	FI-WEE-08SM-OR-B-W3-MS
	.31	4568		.20	.20	.77	.94	1.26	.67	1.06	.39	.75	.75	.75	33.3	26.35	
	10	315	M 16 x 1,5	7	7	22,5	25	34	17,5	26	11	19	22	22	55	10,81	FI-WEE-10SM-OR-B-W3-MS
	.39	4568		.28	.28	.89	.98	1.34	.69	1.02	.43	.75	.87	.87	40.7	23.79	
	12	315	M 18 x 1,5	8	8	24,5	29	38	21,5	28	12	22	24	24	70	15,60	FI-WEE-12SM-OR-B-W3-MS
	.47	4568		.31	.31	.96	1.14	1.50	.85	1.10	.47	.87	.94	.94	51.8	34.32	
	16	250	M 22 x 1,5	12	12	27,5	33	43	24,5	34	14	27	27	30	100	24,52	FI-WEE-16SM-OR-B-W3-MS
	.63	3625		.47	.47	1.08	1.30	1.69	.96	1.34	.55	1.06	1.06	1.18	74.0	53.94	
	20	250	M 27 x 2	16	16	32,5	38	49	27,5	36	16	30	32	36	170	33,16	FI-WEE-20SM-OR-B-W3-MS
	.79	3625		.63	.63	1.28	1.50	1.93	1.08	1.42	.63	1.18	1.26	1.42	125.8	72.96	
	25	160	M 33 x 2	20	20	41,5	42	54	30	45	16	36	41	46	310	56,70	FI-WEE-25SM-OR-B-W3-MS
	.98	2320		.79	.79	1.63	1.65	2.13	1.18	1.77	.63	1.42	1.61	1.81	229.4	124.74	
	30	160	M 42 x 2	25	25	50,5	49	62	35,5	55	17	50	50	50	330	144,57	FI-WEE-30SM-OR-B-W3-MS
	1.18	2320		.98	.98	1.99	1.93	2.44	1.40	2.17	.67	1.97	1.97	1.97	244.2	318.05	
	38	160	M 48 x 2	32	32	55,5	50	65	34	55,5	19	50	55	60	420	152,80	FI-WEE-38SM-OR-B-W3-MS
	1.50	2320		1.26	1.26	2.19	1.97	2.56	1.34	2.19	.75	1.97	2.17	2.36	310.8	336.17	

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

Standard seal material is NBR (Buna-N®).

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1

Torque recommendations for Steel mating material.

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-WEE-10*L*M*-OR*-B*-W3*-MS

* Adjustable Male Stud Elbow (90°) with Lock Nut		FI-WEE
* Outside Tube Diameter (in mm)		-10
* Series	Light Series	L
	Heavy Series	S
* Thread Type	Metric Parallel Thread	M

If required, please indicate special sizes, e.g. M26x1.5!

* Seal Type	O-Ring	-OR
* Seal Material	NBR (Buna-N®)	-B
	FKM (Viton®)	-V
	EPDM	-E
* 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

Adjustable Male Stud Elbow (45°) with Lock Nut
Type FI-VEE-...-M-OR ▪ Series L / S

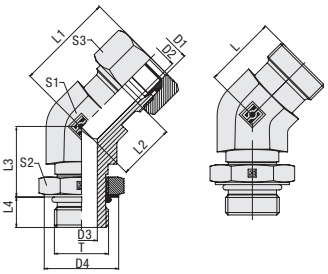
Adjustable Male Stud Branch Tee with Lock Nut
Type FI-TEE-...-M-OR ▪ Series L / S

Adjustable Male Stud Barrel Tee with Lock Nut
Type FI-LEE-...-M-OR ▪ Series L / S

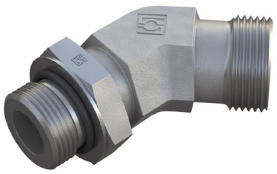
Type FI-VEE-...-M-OR

Metric Parallel Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1



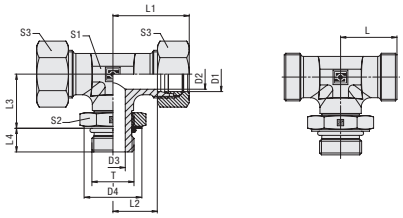
Dimensions L, L1, L2 and L3 deviating from the dimension table on the left.



Type FI-TEE-...-M-OR

Metric Parallel Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1

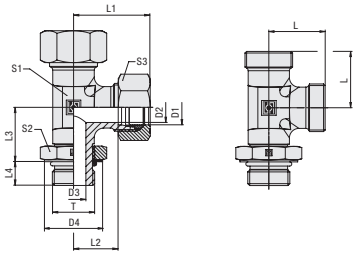




Type FI-LEE-...-M-OR

Metric Parallel Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1





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.

Connecting Parts



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



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



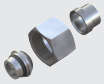
Support Sleeve
Type **FI-VH** Page 28



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

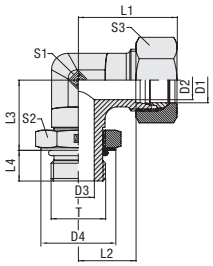
Spare Parts / Accessories

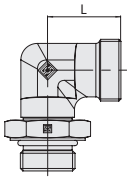


O-Ring
Type **O-RING** Page 207

Adjustable Male Stud Elbow (90°) with Lock Nut
Type FI-WEE-...-U ▪ Series L / S







UN/UNF Thread

O-Ring

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	D4	L	L1[1]	L2	L3	L4	S1	S2	S3	Thread T	per 100[2]	
L	6	315	7/16-20 UNF	4	4,5	16,5	21	29	14	21	11	14	17	14	20	5,02	FI-WEE-06L7/16U-OR-B-W3
	.24	4568		.16	.18	.65	.83	1.14	.55	.83	.43	.55	.67	.55	14.8	11.04	
	8	315	7/16-20 UNF	6	4,5	16,5	23	31	16	21	11	14	17	17	20	5,16	FI-WEE-08L7/16U-OR-B-W3
	.31	4568		.24	.18	.65	.91	1.22	.63	.83	.43	.55	.67	.67	14.8	11.36	
	10	315	9/16-18 UNF	8	7,5	20,2	24	32	17	25	12	19	19	19	18	14,99	FI-WEE-10L9/16U-OR-B-W3
	.39	4568		.31	.30	.80	.94	1.26	.67	.98	.47	.75	.75	.75	13.3	32.97	
	12	315	9/16-18 UNF	10	7,5	20,2	26	34	19	25,5	12	19	19	22	18	15,29	FI-WEE-12L9/16U-OR-B-W3
	.47	4568		.39	.30	.80	1.02	1.34	.75	1.00	.47	.75	.75	.87	13.3	33.63	
	15	315	3/4-16 UNF	12	10	25,7	28	36	21	30	14	22	24	27	16	15,03	FI-WEE-15L3/4U-OR-B-W3
	.59	4568		.47	.39	1.01	1.10	1.42	.83	1.18	.55	.87	.94	1.06	11.8	33.07	
	18	250	7/8-14 UNF	15	12,5	29,3	31	40	23,5	35	16	27	27	32	14	24,03	FI-WEE-18L7/8U-OR-B-W3
	.71	3625		.59	.49	1.15	1.22	1.57	.93	1.38	.63	1.06	1.06	1.26	10.4	52.87	
	22	160	1 1/16-12 UN	19	15,5	36,7	35	44	27,5	39	18	30	36	36	12	35,96	FI-WEE-22L1-1/16U-OR-B-W3
	.87	2320		.75	.61	1.44	1.38	1.73	1.08	1.54	.71	1.18	1.42	1.42	8.9	79.11	
	28	160	1 5/16-12 UN	24	21,5	44	38	47	30,5	43	18	36	41	41	12	49,38	FI-WEE-28L1-5/16U-OR-B-W3
	1.10	2320		.94	.85	1.73	1.50	1.85	1.20	1.69	.71	1.42	1.61	1.61	8.9	108.64	
	35	160	1 5/8-12 UN	30	27,5	55	48	59	37,5	50	18	50	50	50	12	106,22	FI-WEE-35L1-5/8U-OR-B-W3
	1.38	2320		1.18	1.08	2.17	1.89	2.32	1.48	1.97	.71	1.97	1.97	1.97	8.9	233.69	
	42	160	1 7/8-12 UN	36	33,5	62,3	49	61	37,89	52	18	50	55	60	12	101,73	FI-WEE-42L1-7/8U-OR-B-W3
	1.65	2320		1.42	1.32	2.45	1.93	2.40	1.49	2.05	.71	1.97	2.17	2.36	8.9	223.81	
S	6	315	7/16-20 UNF	4	4,5	16,5	22	30	15	21	11	14	17	17	20	5,92	FI-WEE-06S7/16U-OR-B-W3
	.24	4568		.16	.18	.65	.87	1.18	.59	.83	.43	.55	.67	.67	14.8	13.03	
	8	315	9/16-18 UNF	5	7,5	20,2	24	32	17	25	12	19	19	19	18	9,45	FI-WEE-08S9/16U-OR-B-W3
	.31	4568		.20	.30	.80	.94	1.26	.67	.98	.47	.75	.75	.75	13.3	20.79	
	10	315	9/16-18 UNF	7	7,5	20,2	25	34	17,5	25,5	12	19	19	22	18	9,80	FI-WEE-10S9/16U-OR-B-W3
	.39	4568		.28	.30	.80	.98	1.34	.69	1.00	.47	.75	.75	.87	13.3	21.56	
	12	315	3/4-16 UNF	8	10	25,7	29	38	21,5	30	14	22	24	24	16	16,06	FI-WEE-12S3/4U-OR-B-W3
	.47	4568		.31	.39	1.01	1.14	1.50	.85	1.18	.55	.87	.94	.94	11.8	35.34	
	16	250	7/8-14 UNF	12	12,5	29,3	33	43	24,5	35	16	27	27	30	14	25,18	FI-WEE-16S7/8U-OR-B-W3
	.63	3625		.47	.49	1.15	1.30	1.69	.96	1.38	.63	1.06	1.06	1.18	10.4	55.40	
	20	250	1 1/16-12 UN	16	15,5	36,7	38	49	27,5	39	18	30	36	36	12	38,53	FI-WEE-20S1-1/16U-OR-B-W3
	.79	3625		.63	.61	1.44	1.50	1.93	1.08	1.54	.71	1.18	1.42	1.42	8.9	84.76	
	25	160	1 1/16-12 UN	20	15,5	36,7	42	54	30	43	18	36	36	46	12	53,90	FI-WEE-25S1-1/16U-OR-B-W3
	.98	2320		.79	.61	1.44	1.65	2.13	1.18	1.69	.71	1.42	1.42	1.81	8.9	118.58	
	30	160	1 5/8-12 UN	25	27,5	55	49	62	35,5	50	18	50	50	50	12	110,22	FI-WEE-30S1-5/8U-OR-B-W3
	1.18	2320		.98	1.08	2.17	1.93	2.44	1.40	1.97	.71	1.97	1.97	1.97	8.9	242.49	
	38	160	1 7/8-12 UN	32	33,5	62,3	50	65	33,9	52	18	50	55	60	12	109,43	FI-WEE-38S1-7/8U-OR-B-W3
	1.50	2320		1.26	1.32	2.45	1.97	2.56	1.33	2.05	.71	1.97	2.17	2.36	8.9	240.75	

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

Standard seal material is NBR (Buna-N®).

Male stud acc. to ISO 11926-2/-3
Port acc. to ISO 11926-1

Torque recommendations for Steel mating material.

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-WEE*-10*L*9/16*U*-OR*-B*-W3*-MS**

* Adjustable Male Stud Elbow (90°) with Lock Nut		**FI-WEE**
* Outside Tube Diameter (in mm)		**-10**
* Series	Light Series	**L**
	Heavy Series	**S**
* Thread Size	acc. to dimension table	**9/16**

Please always indicate thread sizes, e.g. 9/16!

* Thread Type	UN/UNF Thread with O-Ring	**U**
* Seal Material	NBR (Buna-N®)	**-B**
	FKM (Viton®)	**-V**
	EPDM	**-E**
* 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**

Adjustable Male Stud Elbow (45°) with Lock Nut
Type FI-VEE-...-U ▪ Series L / S

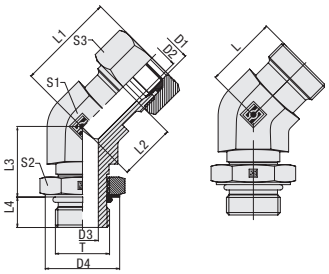
Adjustable Male Stud Branch Tee with Lock Nut
Type FI-TEE-...-U ▪ Series L / S

Adjustable Male Stud Barrel Tee with Lock Nut
Type FI-LEE-...-U ▪ Series L / S

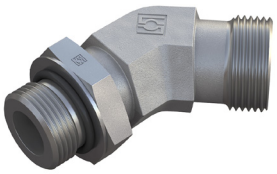
Type FI-VEE-...-U

UN/UNF Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1



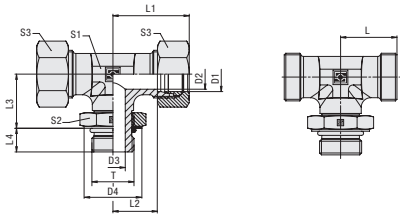
Dimensions L, L1, L2 and L3 deviating from the dimension table on the left.



Type FI-TEE-...-U

UN/UNF Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1

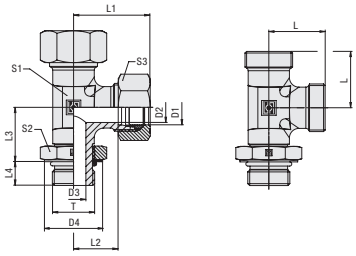




Type FI-LEE-...-U

UN/UNF Thread
O-Ring

Male stud according to ISO 6149-2/-3
Port according to ISO 6149-1





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.

Connecting Parts



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



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



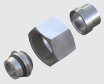
Support Sleeve
Type **FI-VH** Page 28



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

Spare Parts / Accessories



O-Ring
Type **O-RING** Page 207