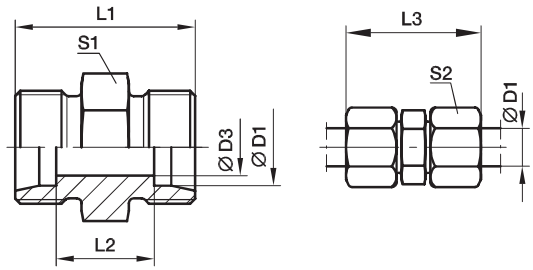
G Union

EO 24°cone end



Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	04	3.0	20	12	31	9	10	5	**G04LL**	100	100	100	63
	06	4.5	20	9	32	11	12	7	**G06LL**	100	100	100	63
	08	6.0	23	12	35	12	14	10	**G08LL**	100	100	100	63
	10	8.0	23	12	35	14	17	13	**G10LL**	100	100	100	63
	12	10.0	23	11	35	17	19	16	**G12LL**	100	100	100	63
L[3])	06	4.0	24	10	39	12	14	12	**G06L**	500	315	315	200
	08	6.0	25	11	40	14	17	16	**G08L**	500	315	315	200
	10	8.0	27	13	42	17	19	23	**G10L**	500	315	315	200
	12	10.0	28	14	43	19	22	28	**G12L**	400	315	315	200
	15	12.0	30	16	46	24	27	51	**G15L**	400	315	315	200
	18	15.0	31	16	48	27	32	69	**G18L**	400	315	315	200
	22	19.0	35	20	52	32	36	90	**G22L**	250	160	160	100
	28	24.0	36	21	54	41	41	137	**G28L**	250	160	160	100
	35	30.0	41	20	63	46	50	214	**G35L**	250	160	160	100
	42	36.0	43	21	66	55	60	296	**G42L**	250	160	160	100
S[4])	06	4.0	30	16	45	14	17	26	**G06S**	800	630	630	400
	08	5.0	32	18	47	17	19	37	**G08S**	800	630	630	400
	10	7.0	32	17	49	19	22	44	**G10S**	800	630	630	400
	12	8.0	34	19	51	22	24	60	**G12S**	630	630	630	400
	14	10.0	38	22	57	24	27	77	**G14S**	630	630	630	400
	16	12.0	38	21	57	27	30	90	**G16S**	630	400	400	250
	20	16.0	44	23	66	32	36	143	**G20S**	420	400	400	250
	25	20.0	50	26	74	41	46	251	**G25S**	420	400	400	250
	30	25.0	54	27	80	46	50	330	**G30S**	420	400	400	250
	38	32.0	61	29	90	55	60	545	**G38S**	420	315	315	200

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

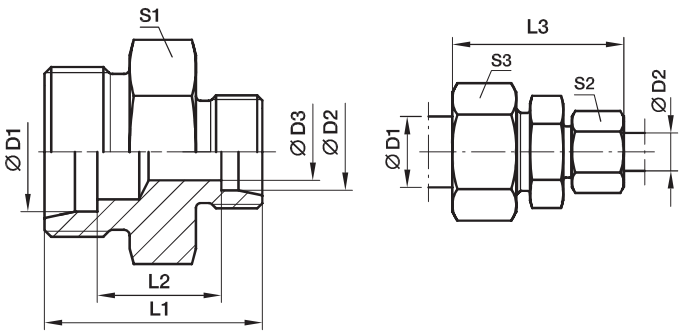
Delivery without nut and ring. Information on ordering complete fittings see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	G16SCFX
Steel, zinc yellow plated	A3CX	G16SA3CX
Stainless Steel	71X	G16S71X
Brass	MSX	G16SMSX

GR Straight reducer

EO 24° cone end



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	06	04	3.0	20	10.5	32	11	10	12	7	**GR06/04LL**	100	100	100	63
	08	04	3.0	22	12.5	34	12	10	14	9	**GR08/04LL**	100	100	100	63
	08	06	4.5	22	11.0	34	12	12	14	11	**GR08/06LL**	100	100	100	63
L[3])	08	06	4.0	25	11.0	40	14	14	17	16	**GR08/06L**	500	315	315	200
	10	06	4.0	26	12.0	41	17	14	19	21	**GR10/06L**	500	315	315	200
	10	08	6.0	26	12.0	41	17	17	19	21	**GR10/08L**	500	315	315	200
	12	06	4.0	27	13.0	42	19	14	22	26	**GR12/06L**	400	315	315	200
	12	08	6.0	27	13.0	42	19	17	22	26	**GR12/08L**	400	315	315	200
	12	10	8.0	28	14.0	43	19	19	22	29	**GR12/10L**	400	315	315	200
	15	10	8.0	29	15.0	45	24	19	27	46	**GR15/10L**	400	315	315	200
	15	12	10.0	29	15.0	45	24	22	27	45	**GR15/12L**	400	315	315	200
	18	10	8.0	30	15.5	46	27	19	32	65	**GR18/10L**	400	315	315	200
	18	12	10.0	30	15.5	46	27	22	32	64	**GR18/12L**	400	315	315	200
	18	15	12.0	31	16.5	48	27	27	32	65	**GR18/15L**	400	315	315	200
	22	12	10.0	32	17.5	48	32	22	36	80	**GR22/12L**	250	160	160	100
	22	15	12.0	33	18.5	50	32	27	36	89	**GR22/15L**	250	160	160	100
	22	18	15.0	33	18.0	50	32	32	36	89	**GR22/18L**	250	160	160	100
	28	18	15.0	34	19.0	52	41	32	41	142	**GR28/18L**	250	160	160	100
	28	22	19.0	36	21.0	54	41	36	41	139	**GR28/22L**	250	160	160	100
	35	22	19.0	39	21.0	59	46	36	50	202	**GR35/22L**	250	160	160	100
	35	28	24.0	39	21.0	59	46	41	50	206	**GR35/28L**	250	160	160	100
	42	35	30.0	43	21.5	66	55	50	60	330	**GR42/35L**	250	160	160	100
S[4])	08	06	4.0	32	18.0	47	17	17	19	35	**GR08/06S**	800	630	630	400
	10	06	4.0	32	17.5	48	19	17	22	41	**GR10/06S**	800	630	630	400
	10	08	5.0	32	17.5	48	19	19	22	42	**GR10/08S**	800	630	630	400
	12	06	4.0	34	19.5	50	22	17	24	56	**GR12/06S**	630	630	630	400
	12	08	5.0	34	19.5	50	22	19	24	57	**GR12/08S**	630	630	630	400
	12	10	7.0	34	19.0	51	22	22	24	59	**GR12/10S**	630	630	630	400
	14	10	7.0	36	20.5	54	24	22	27	70	**GR14/10S**	630	630	630	400
	14	12	8.0	36	20.5	54	24	24	27	72	**GR14/12S**	630	630	630	400
	16	10	7.0	36	20.0	54	27	22	30	80	**GR16/10S**	630	400	400	250
	16	12	8.0	36	20.0	54	27	24	30	87	**GR16/12S**	630	400	400	250
	16	14	10.0	36	21.5	57	27	27	30	79	**GR16/14S**	630	400	400	250
	20	10	7.0	40	22.0	60	32	22	36	129	**GR20/10S**	420	400	400	250
	20	12	8.0	40	22.0	60	32	24	36	131	**GR20/12S**	420	400	400	250
	20	16	12.0	42	23.0	63	32	30	36	134	**GR20/16S**	420	400	400	250
	25	16	12.0	46	25.5	68	41	30	46	236	**GR25/16S**	420	400	400	250
	25	20	16.0	48	25.5	71	41	36	46	235	**GR25/20S**	420	400	400	250
	30	20	16.0	50	26.0	74	46	36	50	299	**GR30/20S**	420	400	400	250
	30	25	20.0	52	26.5	77	46	46	50	317	**GR30/25S**	420	400	400	250
	38	30	25	59	29.5	87	55	50	60	522	**GR38/30S**	420	315	315	200

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

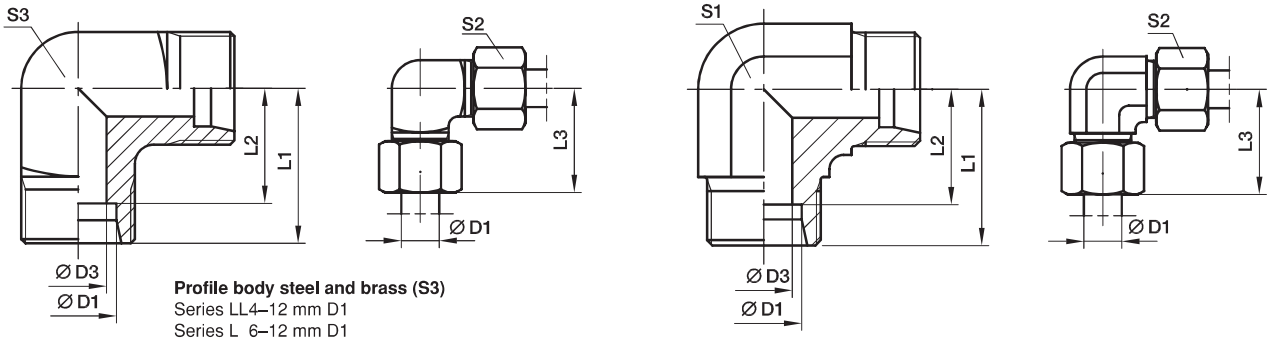
Delivery without nut and ring. Information on ordering complete fittings see page I7.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	GR16/12SCFX
Steel, zinc yellow plated	A3CX	GR16/12SA3CX
Stainless Steel	71X	GR16/12S71X
Brass	MSX	GR16/12SMSX

W Union elbow

EO 24° cone end



Profile body steel and brass (S3)
Series LL4–12 mm D1
Series L 6–12 mm D1
Series S 6–12 mm D1

Series	D1	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	04	3.0	15	11.0	21	9	10	9	13	**W04LL**	100	100	100	63
	06	4.5	15	9.5	21	9	12	11	15	**W06LL**	100	100	100	63
	08	6.0	17	11.5	23	12	14	12	23	**W08LL**	100	100	100	63
	10	8.0	18	12.5	24	12	17	14	32	**W10LL**	100	100	100	63
	12	10.0	19	13.0	25	14	19	17	41	**W12LL**	100	100	100	63
L[3])	06	4.0	19	12.0	27	12	14	12	29	**W06L**	500	315	315	200
	08	6.0	21	14.0	29	12	17	14	43	**W08L**	500	315	315	200
	10	8.0	22	15.0	30	14	19	17	54	**W10L**	500	315	315	200
	12	10.0	24	17.0	32	17	22	19	80	**W12L**	400	315	315	200
	15	12.0	28	21.0	36	19	27		81	**W15L**	400	315	315	200
	18	15.0	31	23.5	40	24	32		140	**W18L**	400	315	315	200
	22	19.0	35	27.5	44	27	36		178	**W22L**	250	160	160	100
	28	24.0	38	30.5	47	36	41		340	**W28L**	250	160	160	100
	35	30.0	45	34.5	56	41	50		458	**W35L**	250	160	160	100
	42	36.0	51	40.0	63	50	60		776	**W42L**	250	160	160	100
S[4])	06	4.0	23	16.0	31	12	17	14	52	**W06S**	800	630	630	400
	08	5.0	24	17.0	32	14	19	17	74	**W08S**	800	630	630	400
	10	7.0	25	17.5	34	17	22	19	97	**W10S**	800	630	630	400
	12	8.0	29	21.5	38	17	24	22	137	**W12S**	630	630	630	400
	14	10.0	30	22.0	40	19	27		145	**W14S**	630	630	630	400
	16	12.0	33	24.5	43	24	30		162	**W16S**	630	400	400	250
	20	16.0	37	26.5	48	27	36		221	**W20S**	420	400	400	250
	25	20.0	42	30.0	54	36	46		424	**W25S**	420	400	400	250
	30	25.0	49	35.5	62	41	50		603	**W30S**	420	400	400	250
	38	32.0	57	41.0	72	50	60		1010	**W38S**	420	315	315	200

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings see page I7.

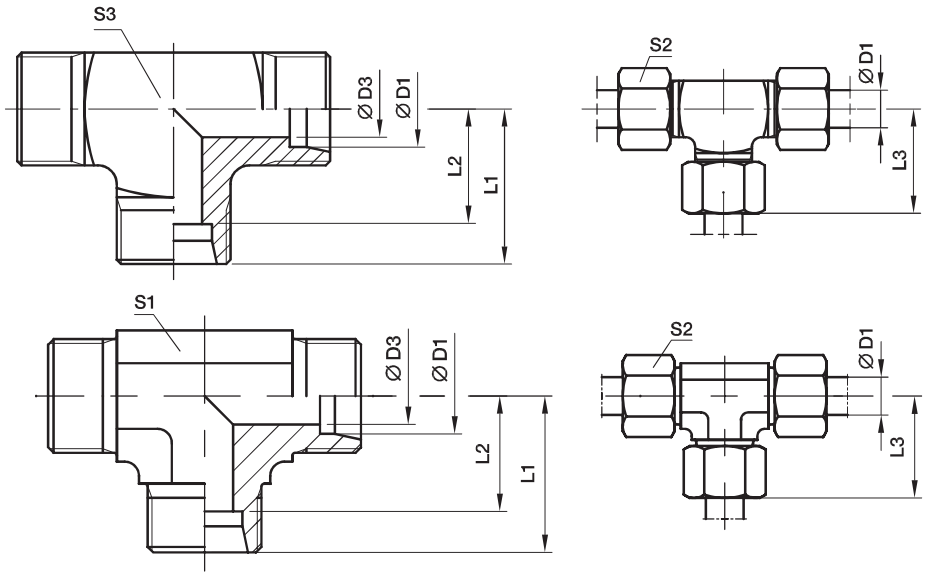
*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	W16SCFX
Steel, zinc yellow plated	A3CX	W16SA3CX
Stainless Steel	71X	W16S71X
Brass	MSX	W16SMSX

T Union tee

EO 24° cone end

profile body steel and brass (S3)
Series LL4–10 mm D1
Series L 6+ 8 mm D1
Series S 6 mm D1



Series	D1	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	04	3.0	15	11.0	21	9	10	9	19	**T04LL**	100	100	100	63
	06	4.5	15	9.5	21	9	12	11	20	**T06LL**	100	100	100	63
	08	6.0	17	11.5	23	12	14	12	27	**T08LL**	100	100	100	63
	10	8.0	18	12.5	24	12	17	14	39	**T10LL**	100	100	100	63
	12	10.0	21	15.0	27	14	19		45	**T12LL**	100	100	100	63
L[3])	06	4.0	19	12.0	27	12	14	12	37	**T06L**	500	315	315	200
	08	6.0	21	14.0	29	12	17	14	53	**T08L**	500	315	315	200
	10	8.0	22	15.0	30	14	19		48	**T10L**	500	315	315	200
	12	10.0	24	17.0	32	17	22		65	**T12L**	400	315	315	200
	15	12.0	28	21.0	36	19	27		106	**T15L**	400	315	315	200
	18	15.0	31	23.5	40	24	32		179	**T18L**	400	315	315	200
	22	19.0	35	27.5	44	27	36		225	**T22L**	250	160	160	100
	28	24.0	38	30.5	47	36	41		396	**T28L**	250	160	160	100
	35	30.0	45	34.5	56	41	50		567	**T35L**	250	160	160	100
	42	36.0	51	40.0	63	50	60		905	**T42L**	250	160	160	100
S[4])	06	4.0	23	16.0	31	12	17	14	68	**T06S**	800	630	630	400
	08	5.0	24	17.0	32	14	19		70	**T08S**	800	630	630	400
	10	7.0	25	17.5	34	17	22		91	**T10S**	800	630	630	400
	12	8.0	29	21.5	38	17	24		117	**T12S**	630	630	630	400
	14	10.0	30	22.0	40	19	27		136	**T14S**	630	630	630	400
	16	12.0	33	24.5	43	24	30		202	**T16S**	630	400	400	250
	20	16.0	37	26.5	48	27	36		289	**T20S**	420	400	400	250
	25	20.0	42	30.0	54	36	46		545	**T25S**	420	400	400	250
	30	25.0	49	35.5	62	41	50		758	**T30S**	420	400	400	250
	38	32.0	57	41.0	72	50	60		1264	**T38S**	420	315	315	200

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings see page I7.

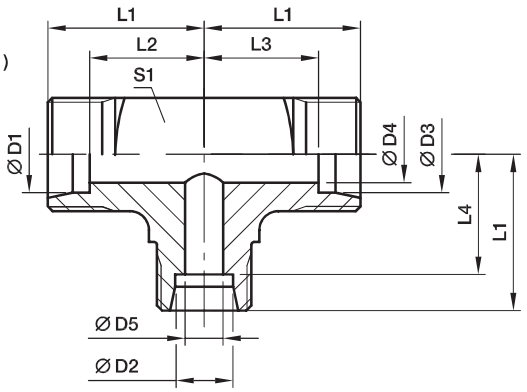
*Please add the **suffixes** below according to the material/surface required.

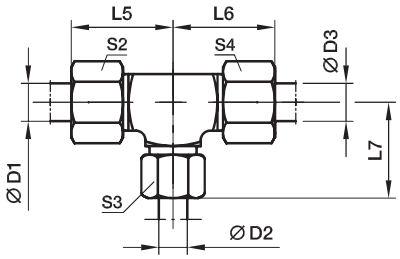
Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	T16SCFX
Steel, zinc yellow plated	A3CX	T16SA3CX
Stainless Steel	71X	T16S71X
Brass	MSX	T16SMSX

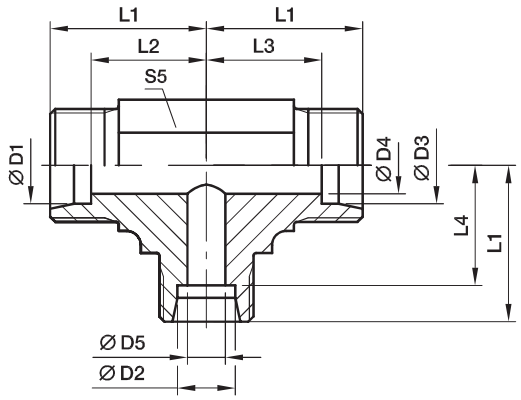
TR Tee Reducer

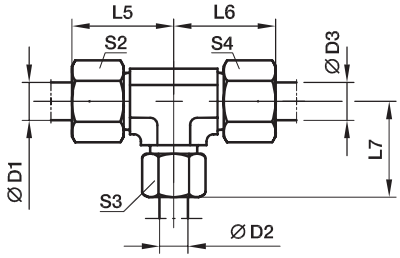
EO 24° cone end

Profile body steel and brass (S1)
Series LL 4–8 mm D1, D2, D3
Series L 6+8 mm D1, D2, D3









Series	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	S4	S5	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	04	08	04	3.0	6	17	13.0	13.0	11.5	23	23	23	12	10	14	10	12	27	**TR04/08/04LL**	100	100	100	63
	06	04	06	4.5	3	15	9.5	9.5	11.0	21	21	21	11	12	10	12	9	18	**TR06/04/06LL**	100	100	100	63
L[3])	06	08	06	4.0	6	21	14.0	14.0	14.0	29	29	29	14	14	17	14	12	54	**TR06/08/06L**	500	315	315	200
	08	06	08	6.0	4	21	14.0	14.0	14.0	29	29	29	14	17	14	17	12	53	**TR08/06/08L**	500	315	315	200
	06	10	06	4.0	8	22	15.0	15.0	15.0	30	30	30		14	19	14	14	53	**TR06/10/06L**	500	315	315	200
	08	10	08	6.0	8	22	15.0	15.0	15.0	30	30	30		17	19	17	14	50	**TR08/10/08L**	500	315	315	200
	10	06	10	8.0	4	22	15.0	15.0	15.0	30	30	30		19	14	19	14	46	**TR10/06/10L**	500	315	315	200
	10	08	10	8.0	6	22	15.0	15.0	15.0	30	30	30		19	17	19	14	43	**TR10/08/10L**	500	315	315	200
	10	10	06	4.0	8	22	15.0	15.0	15.0	30	30	30		19	19	14	14	49	**TR10/10/06L**	500	315	315	200
	08	12	08	6.0	10	24	17.0	17.0	17.0	32	32	32		17	22	17	17	67	**TR08/12/08L**	400	315	315	200
	12	06	12	10.0	4	24	17.0	17.0	17.0	32	32	32		22	14	22	17	66	**TR12/06/12L**	400	315	315	200
	12	08	08	6.0	6	24	17.0	17.0	17.0	32	32	32		22	17	17	17	66	**TR12/08/08L**	400	315	315	200
	12	08	12	10.0	6	24	17.0	17.0	17.0	32	32	32		22	17	22	17	68	**TR12/08/12L**	400	315	315	200
	12	10	10	8.0	8	24	17.0	17.0	17.0	32	32	32		22	19	19	17	67	**TR12/10/10L**	400	315	315	200
	12	10	12	10.0	8	24	17.0	17.0	17.0	32	32	32		22	19	22	17	67	**TR12/10/12L**	400	315	315	200
	12	12	10	8.0	10	24	17.0	17.0	17.0	32	32	32		22	22	19	17	64	**TR12/12/10L**	400	315	315	200
	10	15	10	8.0	12	28	21.0	21.0	21.0	36	36	36		19	27	19	19	105	**TR10/15/10L**	400	315	315	200
	12	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36		22	27	22	19	102	**TR12/15/12L**	400	315	315	200
	15	06	15	12.0	4	28	21.0	21.0	21.0	36	36	36		27	14	27	19	107	**TR15/06/15L**	400	315	315	200
	15	10	15	12.0	8	28	21.0	21.0	21.0	36	36	36		27	19	27	19	105	**TR15/10/15L**	400	315	315	200
	15	12	12	10.0	10	28	21.0	21.0	21.0	36	36	36		27	22	22	19	101	**TR15/12/12L**	400	315	315	200
	15	12	15	12.0	10	28	21.0	21.0	21.0	36	36	36		27	22	27	19	105	**TR15/12/15L**	400	315	315	200
	15	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36		27	27	22	19	103	**TR15/15/12L**	400	315	315	200
	12	18	12	10.0	15	31	24.0	24.0	23.5	39	39	40		22	32	22	24	177	**TR12/18/12L**	400	315	315	200
	18	10	10	8.0	8	31	23.5	24.0	24.0	40	39	39		32	19	19	24	173	**TR18/10/10L**	400	315	315	200
	18	10	18	15.0	8	31	23.5	23.5	24.0	40	40	39		32	19	32	24	182	**TR18/10/18L**	400	315	315	200
	18	12	18	15.0	10	31	23.5	23.5	24.0	40	40	39		32	22	32	24	174	**TR18/12/18L**	400	315	315	200

TR Tee Reducer

EO 24° cone end

Series	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	S4	S5	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
L[3])	18	15	18	15.0	12	31	23.5	23.5	24.0	40	40	39		32	27	32	24	179	**TR18/15/18L**	400	315	315	200
	18	18	10	8.0	15	31	23.5	24.0	23.5	40	39	40		32	32	19	24	171	**TR18/18/10L**	400	315	315	200
	22	10	22	19.0	8	35	27.5	27.5	28.0	44	44	43		36	19	36	27	232	**TR22/10/22L**	250	160	160	100
	22	12	22	19.0	10	35	27.5	27.5	28.0	44	44	43		36	22	36	27	229	**TR22/12/22L**	250	160	160	100
	22	15	15	12.0	12	35	27.5	28.0	28.0	44	43	43		36	27	27	27	240	**TR22/15/15L**	250	160	160	100
	22	15	22	19.0	12	35	27.5	27.5	28.0	44	44	43		36	27	36	27	233	**TR22/15/22L**	250	160	160	100
	22	18	18	15.0	15	35	27.5	27.5	27.5	44	44	44		36	32	32	27	236	**TR22/18/18L**	250	160	160	100
	22	18	22	19.0	15	35	27.5	27.5	27.5	44	44	44		36	32	36	27	239	**TR22/18/22L**	250	160	160	100
	22	22	18	15.0	19	35	27.5	27.5	27.5	44	44	44		36	36	32	27	228	**TR22/22/18L**	250	160	160	100
	28	10	28	24.0	8	38	30.5	30.5	31.0	47	47	46		41	19	41	36	412	**TR28/10/28L**	250	160	160	100
	28	12	28	24.0	10	38	30.5	30.5	31.0	47	47	46		41	22	41	36	408	**TR28/12/28L**	250	160	160	100
	28	15	28	24.0	12	38	30.5	30.5	31.0	47	47	46		41	27	41	36	423	**TR28/15/28L**	250	160	160	100
	28	18	28	24.0	15	38	30.5	30.5	30.5	47	47	47		41	32	41	36	421	**TR28/18/28L**	250	160	160	100
	28	22	22	19.0	19	38	30.5	30.5	30.5	47	47	47		41	36	36	36	412	**TR28/22/22L**	250	160	160	100
	28	22	28	24.0	19	38	30.5	30.5	30.5	47	47	47		41	36	41	36	415	**TR28/22/28L**	250	160	160	100
S[4])	10	06	10	7.0	4	25	17.5	17.5	18.0	34	34	33		22	17	22	17	103	**TR10/06/10S**	800	630	630	400
	12	08	08	5.0	5	29	21.5	22.0	22.0	38	37	37		24	19	19	17	107	**TR12/08/08S**	630	630	630	400
	12	08	12	8.0	5	29	21.5	21.5	22.0	38	38	37		24	19	24	17	105	**TR12/08/12S**	630	630	630	400
	12	10	12	8.0	7	29	21.5	21.5	21.5	38	38	38		24	22	24	17	114	**TR12/10/12S**	630	630	630	400
	12	16	12	8.0	12	33	25.5	25.5	24.5	42	42	43		24	30	24	24	190	**TR12/16/12S**	630	400	400	250
	16	06	16	12.0	4	33	24.5	24.5	26.0	43	43	41		30	17	30	24	176	**TR16/06/16S**	630	400	400	250
	16	08	16	12.0	5	33	24.5	24.5	26.0	43	43	41		30	19	30	24	208	**TR16/08/16S**	630	400	400	250
	16	10	16	12.0	7	33	24.5	24.5	25.5	43	43	42		30	22	30	24	210	**TR16/10/16S**	630	400	400	250
	16	12	16	12.0	8	33	24.5	24.5	25.5	43	43	42		30	24	30	24	386	**TR16/12/16S**	630	400	400	250
	16	20	16	12.0	16	37	28.5	28.5	26.5	47	47	48		30	36	30	27	296	**TR16/20/16S**	420	400	400	250
	20	10	20	16.0	7	37	26.5	26.5	29.5	48	48	46		36	22	36	27	553	**TR20/10/20S**	420	400	400	250
	20	12	20	16.0	8	37	26.5	26.5	29.5	48	48	46		36	24	36	27	306	**TR20/12/20S**	420	400	400	250
	20	16	20	16.0	12	37	26.5	26.5	28.5	48	48	47		36	30	36	27	285	**TR20/16/20S**	420	400	400	250
	20	25	20	16.0	20	42	31.5	31.5	30.0	53	53	54		36	46	36	36	544	**TR20/25/20S**	420	400	400	250
	25	16	25	20.0	12	42	30.0	30.0	33.5	54	54	52		46	30	46	36	556	**TR25/16/25S**	420	400	400	250
	25	20	25	20.0	16	42	30.0	30.0	31.5	54	54	53		46	36	46	36	544	**TR25/20/25S**	420	400	400	250
	25	30	25	20.0	25	49	37.0	37.0	35.5	61	61	62		46	50	46	41	791	**TR25/30/25S**	420	400	400	250

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

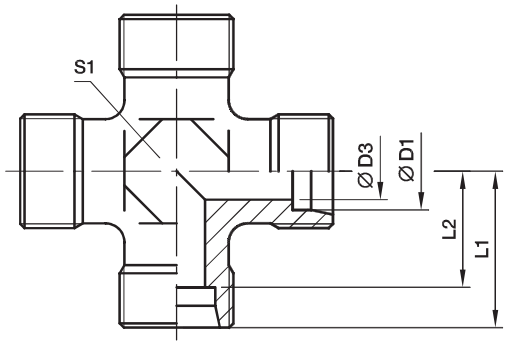
Delivery without nut and ring. Information on ordering complete fittings see page I7.

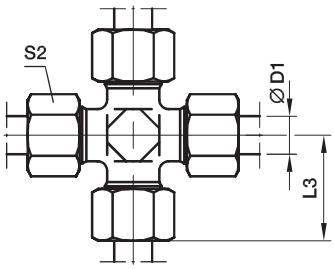
*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	TR16/12/16SCFX
Steel, zinc yellow plated	A3CX	TR16/12/16SA3CX
Stainless Steel	71X	TR16/12/16S71X
Brass	MSX	TR16/12/16SMSX

K Union cross

EO 24° cone end





Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
LL[2])	04	3.0	15	11.0	21	9	10	13	**K04LL**	100	100	100	63
	06	4.5	15	9.5	21	9	12	14	**K06LL**	100	100	100	63
	08	6.0	17	11.5	23	12	14	24	**K08LL**	100	100	100	63
L[3])	06	4.0	19	12.0	27	12	14	35	**K06L**	315	315	315	200
	08	6.0	21	14.0	29	12	17	40	**K08L**	315	315	315	200
	10	8.0	22	15.0	30	14	19	52	**K10L**	315	315	315	200
	12	10.0	24	17.0	32	17	22	69	**K12L**	315	315	315	200
	15	12.0	28	21.0	36	19	27	130	**K15L**	315	315	315	200
	18	15.0	31	23.5	40	24	32	188	**K18L**	315	315	315	200
	22	19.0	35	27.5	44	27	36	251	**K22L**	160	160	160	100
	28	24.0	38	30.5	47	36	41	392	**K28L**	160	160	160	100
	35	30.0	45	34.5	56	41	50	618	**K35L**	160	160	160	100
	42	36.0	51	40.0	63	50	60	905	**K42L**	160	160	160	100
S[4])	06	4.0	23	16.0	31	12	17	58	**K06S**	630	630	630	400
	08	5.0	24	17.0	32	14	19	82	**K08S**	630	630	630	400
	10	7.0	25	17.5	34	17	22	97	**K10S**	630	630	630	400
	12	8.0	29	21.5	38	17	24	146	**K12S**	630	630	630	400
	14	10.0	30	22.0	40	19	27	176	**K14S**	400	400	400	250
	16	12.0	33	24.5	43	24	30	220	**K16S**	400	400	400	250
	20	16.0	37	26.5	48	27	36	339	**K20S**	315	315	315	200
	25	20.0	42	30.0	54	36	46	576	**K25S**	315	315	315	200
	30	25.0	49	35.5	62	41	50	843	**K30S**	315	315	315	200
	38	32.0	57	41.0	72	50	60	1350	**K38S**	315	315	315	200

[1]) Pressure shown = item deliverable

[2]) LL = very light series; [3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

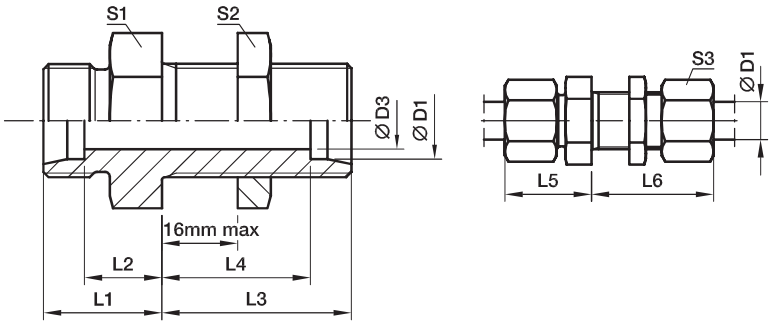
Delivery without nut and ring. Information on ordering complete fittings see page I7.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CFX	K16SCFX
Steel, zinc yellow plated	A3CX	K16SA3CX
Stainless Steel	71X	K16S71X
Brass	MSX	K16SMSX

SV Bulkhead union

EO 24° cone end



Series	D1	D3	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
L[3]	06	4	14	7.0	34	27.0	22	42	17	17	14	39	**SV06LOMD**	500	315	315	200
	08	6	15	8.0	34	27.0	23	42	19	19	17	50	**SV08LOMD**	500	315	315	200
	10	8	17	10.0	35	28.0	25	43	22	22	19	67	**SV10LOMD**	500	315	315	200
	12	10	17	10.0	36	29.0	25	44	24	24	22	78	**SV12LOMD**	400	315	315	200
	15	12	19	12.0	38	31.0	27	46	27	30	27	128	**SV15LOMD**	400	315	315	200
	18	15	21	13.5	40	32.5	30	49	32	36	32	198	**SV18LOMD**	400	315	315	200
	22	19	24	16.5	42	34.5	33	51	36	41	36	254	**SV22LOMD**	250	160	160	100
	28	24	26	18.5	43	35.5	35	52	41	46	41	335	**SV28LOMD**	250	160	160	100
	35	30	29	18.5	47	36.5	40	58	50	55	50	546	**SV35LOMD**	250	160	160	
	42	36	30	19.0	47	36.0	42	59	60	65	60	758	**SV42LOMD**	250	160	160	
S[4]	06	4	19	12.0	36	29.0	27	44	19	19	17	65	**SV06SOMD**	800	630	630	400
	08	5	20	13.0	36	29.0	28	44	22	22	19	87	**SV08SOMD**	800	630	630	400
	10	7	22	14.5	37	29.5	31	46	24	24	22	112	**SV10SOMD**	800	630	630	400
	12	8	22	14.5	38	30.5	31	47	27	27	24	141	**SV12SOMD**	630	630	630	400
	14	10	25	17.0	40	32.0	35	50	30	30	27	180	**SV14SOMD**	630	630	630	
	16	12	25	16.5	40	31.5	35	50	32	32	30	201	**SV16SOMD**	630	400	400	250
	20	16	28	17.5	44	33.5	39	55	41	41	36	462	**SV20SOMD**	420	400	400	250
	25	20	32	20.0	47	35.0	44	59	46	46	46	492	**SV25SOMD**	420	400	400	250
	30	25	35	21.5	51	37.5	48	64	50	50	50	631	**SV30SOMD**	420	400	400	250
	38	32	38	22.0	53	37.0	53	68	65	65	60	1083	**SV38SOMD**	420	315	315	

[1]) Pressure shown = item deliverable

[3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

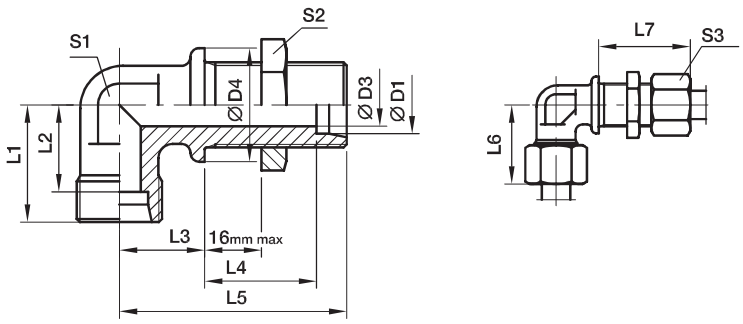
Delivery without nut and ring. Information on ordering complete fittings see page I7.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CF	SV16SOMDCF
Steel, zinc yellow plated	A3C	SV16SOMDA3C
Stainless Steel	71	SV16SOMD71
Brass	MS	SV16SOMDMS

WSV Bulkhead elbow

EO 24° cone end



Series	D1	D3	D4	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	A3C	71	MS
L[3]	06	4	17	19	12.0	14	27.0	48	27	42	12	17	14	51	**WSV06LOMD**	315	315	315	200
	08	6	19	21	14.0	17	27.0	51	29	42	12	19	17	61	**WSV08LOMD**	315	315	315	200
	10	8	22	22	15.0	18	28.0	53	30	43	14	22	19	78	**WSV10LOMD**	315	315	315	200
	12	10	24	24	17.0	20	29.0	56	32	44	17	24	22	85	**WSV12LOMD**	315	315	315	200
	15	12	27	28	21.0	23	31.0	61	36	46	19	30	27	150	**WSV15LOMD**	315	315	315	200
	18	15	32	31	23.5	24	32.5	64	40	49	24	36	32	238	**WSV18LOMD**	315	315	315	200
	22	19	36	35	27.5	30	34.5	72	44	51	27	41	36	327	**WSV22LOMD**	160	160	160	
	28	24	42	38	30.5	34	35.5	77	47	52	36	46	41	482	**WSV28LOMD**	160	160	160	
	35	30	50	45	34.5	39	36.5	86	56	58	41	55	50	729	**WSV35LOMD**	160	160	160	
	42	36	60	51	40.0	43	36.0	90	63	59	50	65	60	1091	**WSV42LOMD**	160	160	160	
S[4]	06	4	19	23	16.0	17	29.0	53	31	44	12	19	17	72	**WSV06SOMD**	630	630	630	
	08	5	22	24	17.0	18	29.0	54	32	44	14	22	19	99	**WSV08SOMD**	630	630	630	
	10	7	24	25	17.5	20	29.5	57	34	46	17	24	22	128	**WSV10SOMD**	630	630	630	
	12	8	27	29	21.5	21	30.5	59	38	47	17	27	24	168	**WSV12SOMD**	630	630	630	
	14	10	27	30	22.0	23	32.0	63	40	50	19	30	27	194	**WSV14SOMD**	630	630	630	
	16	12	30	33	24.5	24	31.5	64	43	50	24	32	30	249	**WSV16SOMD**	400	400	400	
	20	16	36	37	26.5	30	33.5	74	48	55	27	41	36	390	**WSV20SOMD**	400	400	400	
	25	20	42	42	30.0	34	35.0	81	54	59	36	46	46	618	**WSV25SOMD**	400	400	400	
	30	25	50	49	35.5	39	37.5	90	62	64	41	50	50	889	**WSV30SOMD**	400	400	400	
	38	32	60	57	41.0	43	37.0	96	72	68	50	65	60	1337	**WSV38SOMD**	315	315	315	

[1]) Pressure shown = item deliverable

[3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings see page I7.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes		
Material	Suffix surface and material	Example
Steel, zinc plated, chrome[6]-free	CF	WSV16SOMDCF
Steel, zinc yellow plated	A3C	WSV16SOMDA3C
Stainless Steel	71	WSV16SOMD71
Brass	MS	WSV18LOMDMS