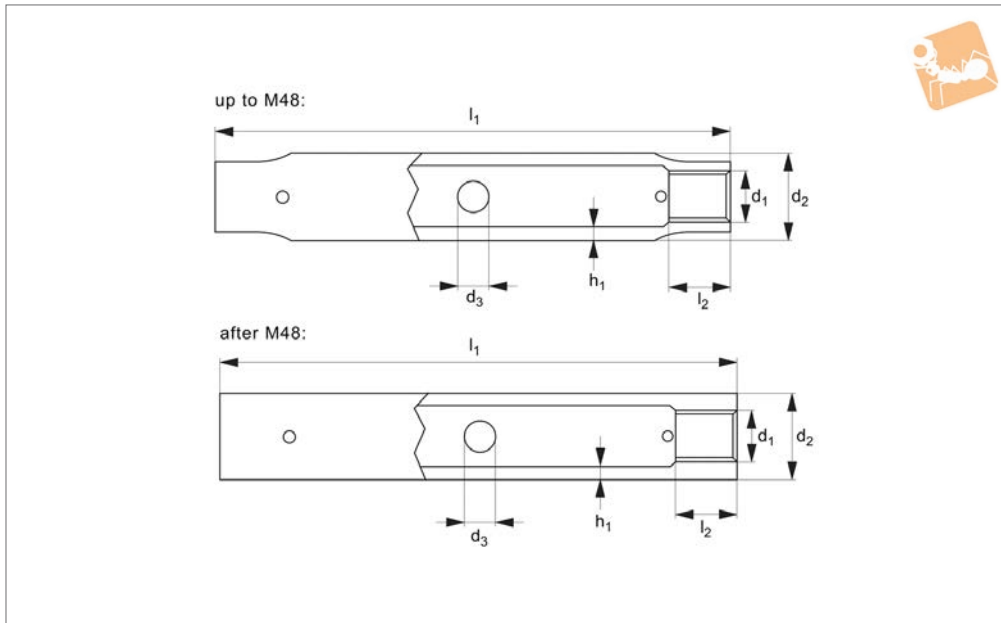
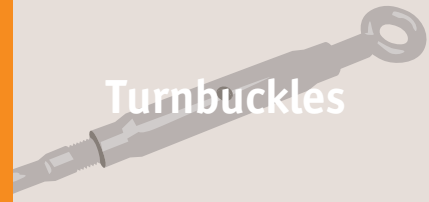


Pipe Body Turnbuckles

steel

Turnbuckles



R3800

TURNBUCKLES

Material

Steel (1.0037), zinc-plated.
Hot dip galvanized, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3800.006-FZ.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Technical Notes

To DIN 1478.

Important Notes

Turnbuckles are not to be used for lifting.

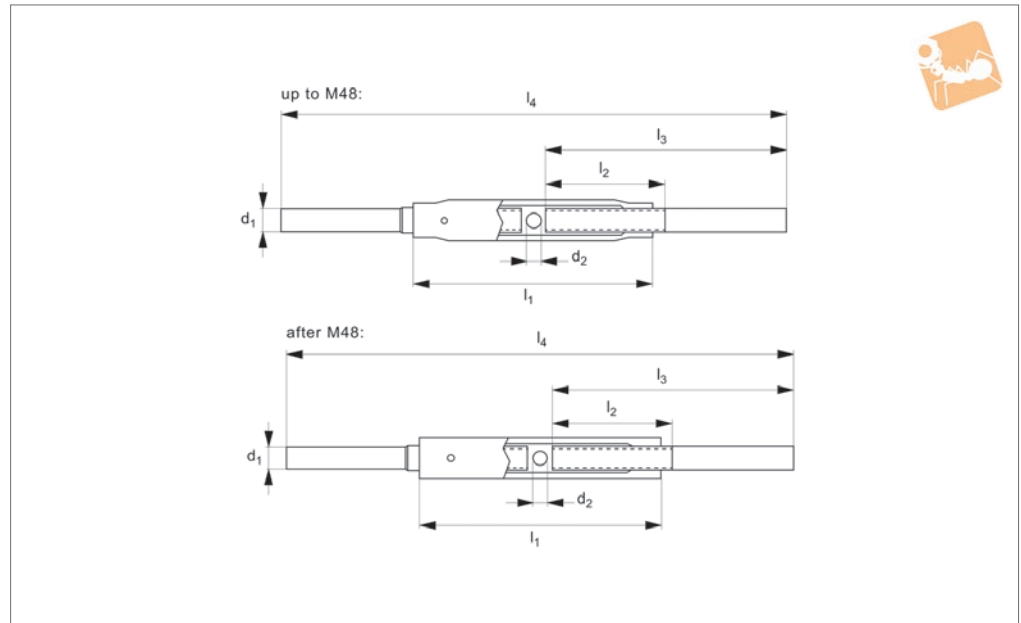
Order No.	d_1	l_1	d_2	d_3 min.	d_3 max.	h_1	l_2	Adjustment	Weight kg
R3800.006-ZP	M 6	110	17.2	5.7	6.3	2.9	7.5	90	0.13
R3800.008-ZP	M 8	110	17.2	7.5	8.5	3.6	10	85	0.13
R3800.010-ZP	M10	125	21.3	7.5	8.5	4.0	12	95	0.18
R3800.012-ZP	M12	125	25.0	9.5	10.5	4.0	15	90	0.25
R3800.016-ZP	M16	170	30.0	9.5	10.5	4.5	20	120	0.45
R3800.020-ZP	M20	200	33.7	11.5	12.5	5.0	24	140	0.56
R3800.024-ZP	M24	255	42.4	11.5	12.5	5.6	29	180	1.08
R3800.030-ZP	M30	255	51.0	15.5	16.5	6.3	36	160	1.61
R3800.036-ZP	M36	295	63.5	15.5	16.5	8.0	43	180	2.35
R3800.042-ZP	M42	330	70.0	19.5	20.5	8.8	51	200	4.30
R3800.048-ZP	M48	355	82.5	19.5	20.5	10.0	58	210	5.50
R3800.056-ZP	M56	355	90.0	24.5	25.5	15.0	68	190	9.60
R3800.064-ZP	M64	425	100	24.5	25.5	16	77	240	14.00
R3800.072-ZP	M72x6	425	110	29.5	30.5	17	87	210	17.00
R3800.080-ZP	M80x6	440	120	29.5	30.5	18	96	210	21.00



TURNBUCKLES



R3804



Material

Steel (1.0037 up to M48 then 1.0052), zinc-plated.
Hot dip galvanized, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

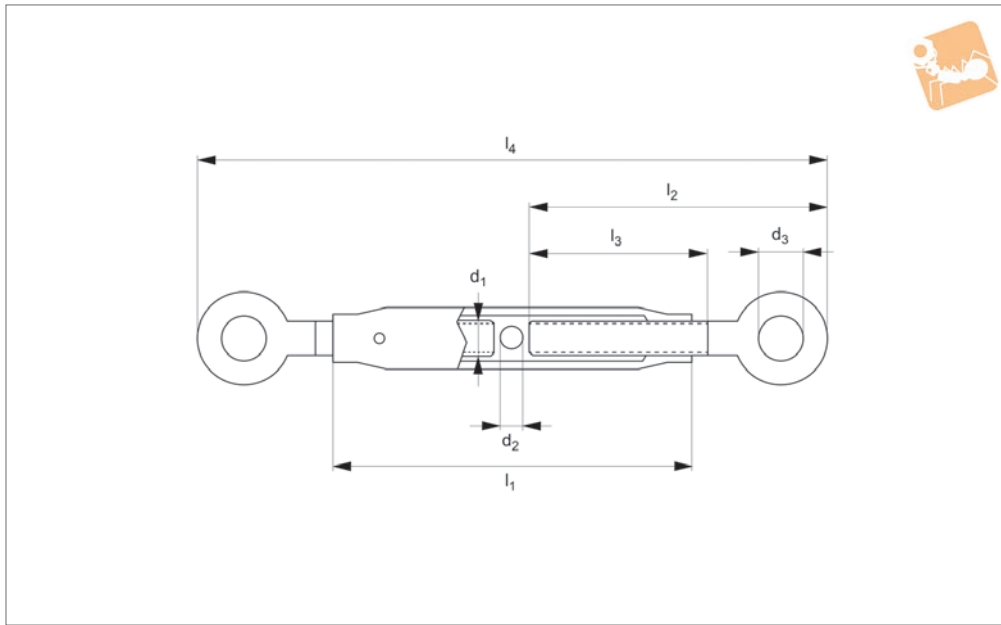
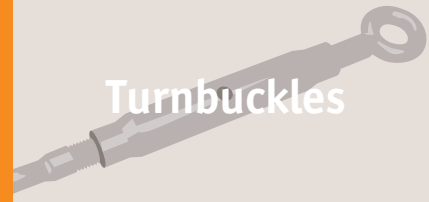
Order No.	d_1	l_1	d_2	l_2	l_3	l_4 min.	l_4 max.	Weight kg
R3804.006-ZP	M 6	110	6	60	120	246	336	0.17
R3804.008-ZP	M 8	110	8	65	120	248	333	0.20
R3804.010-ZP	M10	125	8	75	150	309	404	0.32
R3804.012-ZP	M12	125	10	75	150	311	401	0.45
R3804.016-ZP	M16	170	10	100	200	410	530	0.97
R3804.020-ZP	M20	200	12	120	220	452	592	1.48
R3804.024-ZP	M24	255	12	150	260	533	713	2.62
R3804.030-ZP	M30	255	16	160	260	537	697	4.01
R3804.036-ZP	M36	295	16	180	300	617	797	6.35
R3804.042-ZP	M42	330	20	200	350	720	920	10.50
R3804.048-ZP	M48	355	20	220	380	781	991	14.30
R3804.056-ZP	M56	355	25	230	380	785	975	21.60
R3804.064-ZP	M64	425	25	300	425	875	1015	32.40
R3804.072-ZP	M72	425	30	270	400	831	1041	42.00
R3804.080-ZP	M80	440	30	270	400	830	1040	51.00



Eye End Pipe Body Turnbuckles

steel

Turnbuckles



R3808

TURNBUCKLES

Material

Steel (1.0037), zinc-plated.
Hot dip galvanized, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Technical Notes

To DIN 1478.

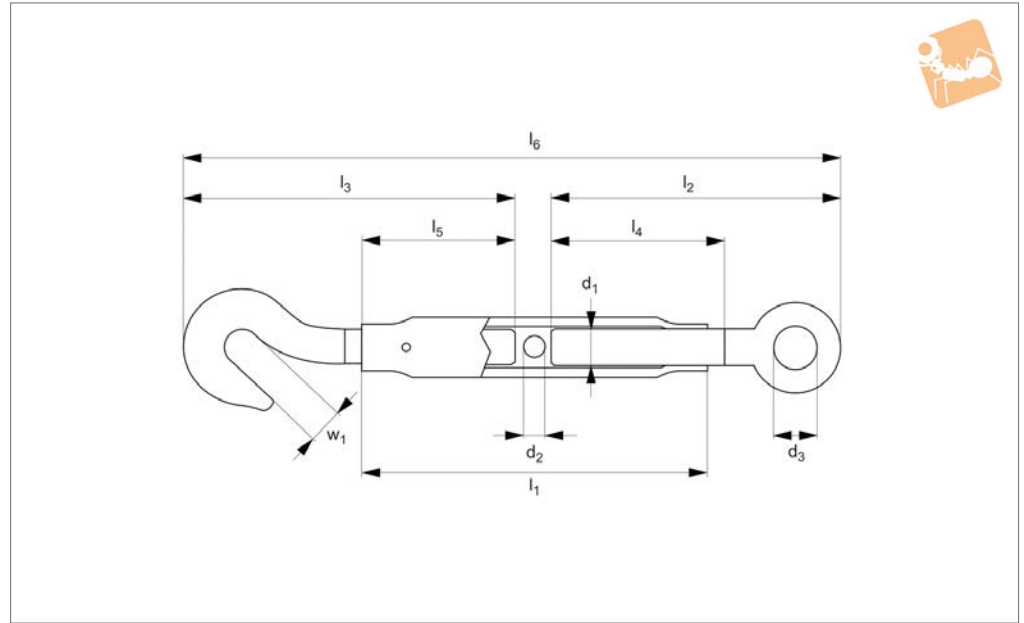
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	d ₂	d ₃	l ₂	l ₃	l ₄ min.	l ₄ max.	Weight kg
R3808.006-ZP	M 6	110	6	10	74	50	154	244	0.16
R3808.008-ZP	M 8	110	8	11	80	52	168	253	0.18
R3808.010-ZP	M10	125	8	15	95	59	199	294	0.28
R3808.012-ZP	M12	125	10	17	107	66	225	315	0.42
R3808.016-ZP	M16	170	10	22	146	85	302	422	0.91
R3808.020-ZP	M20	200	12	24	170	100	352	492	1.36
R3808.024-ZP	M24	255	12	33	213	134	437	619	2.60
R3808.030-ZP	M30	255	16	39	255	150	527	687	3.75
R3808.036-ZP	M36	295	16	37	260	150	537	717	6.35
R3808.042-ZP	M42	330	20	48	285	165	590	790	10.50
R3808.048-ZP	M48	355	20	58	335	185	691	901	15.50



R3812



Material

Steel (1.0037 up to M48 then 1.0052), zinc-plated.

Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

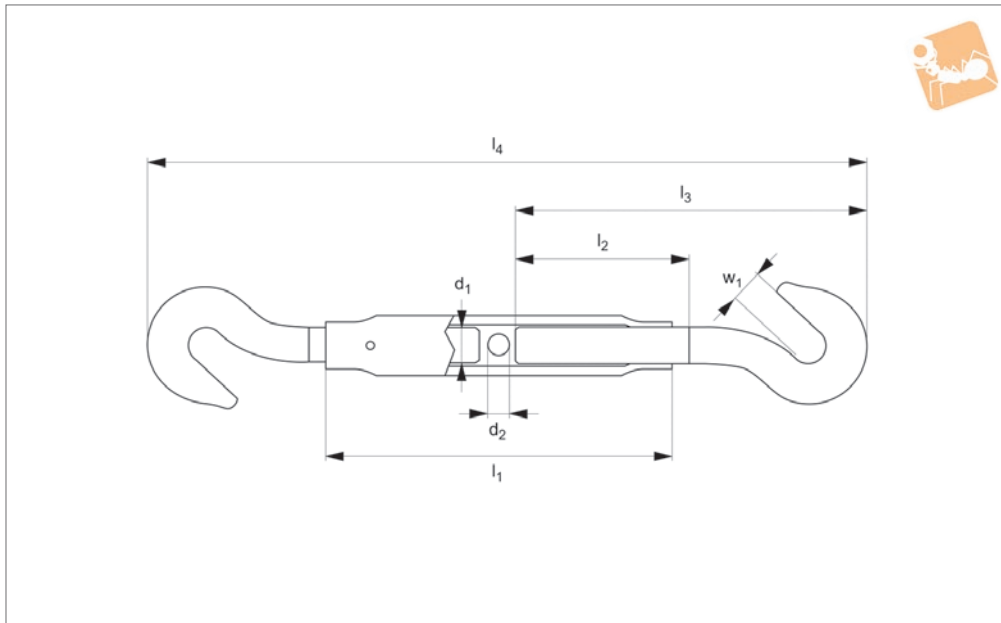
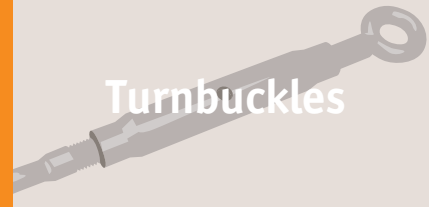
Order No.	d ₁	l ₁	d ₂	d ₃	l ₂	l ₃	l ₄	l ₅	l ₆ min.	l ₆ max.	w ₁	Weight kg
R3812.006-ZP	M 6	110	6	10	74	77.0	50	50	157	247	9.5	0.16
R3812.008-ZP	M 8	110	8	11	80	98.0	52	60	186	271	11.0	0.19
R3812.010-ZP	M10	125	8	15	95	116.5	59	73	220	315	14.0	0.29
R3812.012-ZP	M12	125	10	17	107	146.0	66	90	264	354	18.0	0.45
R3812.016-ZP	M16	170	10	22	146	165.0	85	100	321	441	19.0	0.96
R3812.020-ZP	M20	200	12	24	170	180.0	100	105	362	502	21.0	1.38
R3812.024-ZP	M24	255	12	33	213	225.0	134	135	450	630	29.0	2.73
R3812.030-ZP	M30	255	16	39	255	255.0	150	140	527	687	31.0	3.92
R3812.036-ZP	M36	295	16	37	260	300.0	150	170	577	757	35.0	6.60



Hook End Pipe Body Turnbuckles

steel

Turnbuckles



R3816

TURNBUCKLES

Material

Steel (1.0037 up to M48 then 1.0052), zinc-plated.

Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

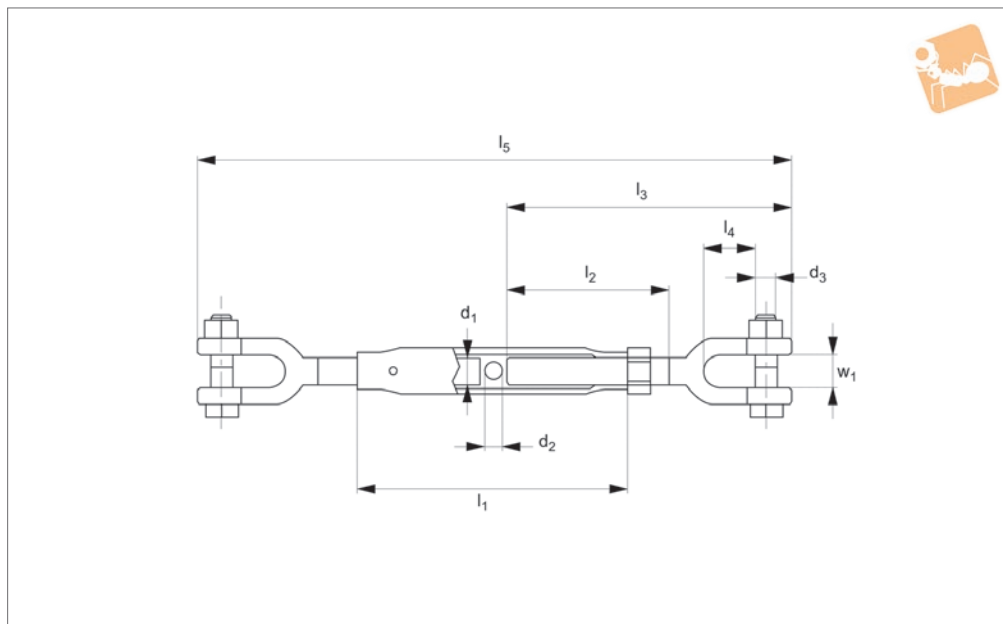
Order No.	d ₁	l ₁	d ₂	l ₂	l ₃	l ₄ min.	l ₄ max.	w ₁	Weight kg
R3816.006-ZP	M 6	110	6	50	77.0	160	250	9.5	0.16
R3816.008-ZP	M 8	110	8	60	98.0	204	289	11.0	0.20
R3816.010-ZP	M10	125	8	73	116.5	241	336	14.0	0.30
R3816.012-ZP	M12	125	10	90	146.0	303	393	18.0	0.47
R3816.016-ZP	M16	170	10	100	165.0	340	460	19.0	1.01
R3816.020-ZP	M20	200	12	105	180.0	372	512	21.0	1.40
R3816.024-ZP	M24	255	12	135	225.0	463	543	29.0	2.86
R3816.030-ZP	M30	255	16	140	225.0	527	687	31.0	4.09
R3816.036-ZP	M36	295	16	170	300.0	617	697	35.0	6.85



TURNBUCKLES



R3820



Material

Steel body(1.0037) Jaws (1.0503), zinc-plated.

Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

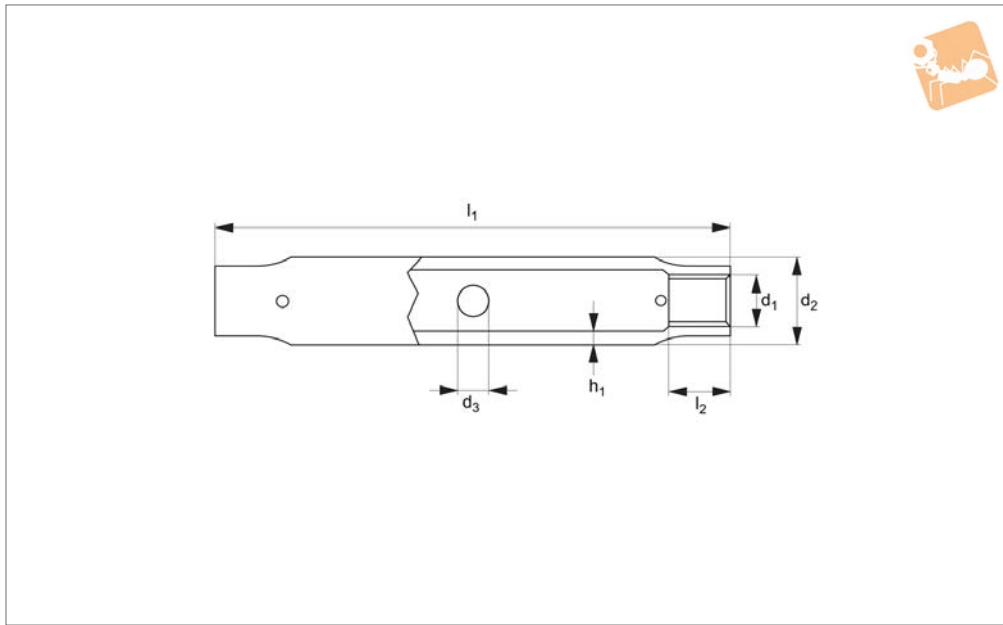
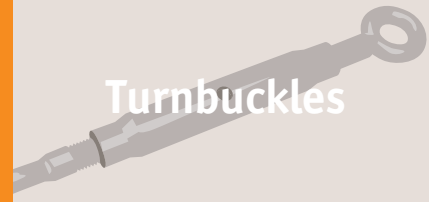
Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	d ₁	l ₁	d ₂	d ₃	l ₂	l ₃	l ₄	l ₅ min.	l ₅ max.	w ₁	Weight kg
R3820.008-ZP	M 8	110	8.5	8.5	68	125	28.75	258	343	9.0	0.30
R3820.010-ZP	M10	125	8.5	8.5	82	139	29.25	287	382	10.7	0.43
R3820.012-ZP	M12	125	10.5	10.5	90	160	44.75	331	421	15.5	0.69
R3820.016-ZP	M16	170	10.5	12.5	102	186	45.25	382	502	20.0	1.31
R3820.020-ZP	M20	200	12.5	17.0	115	205	59.5	422	562	23.5	2.02
R3820.024-ZP	M24	255	12.5	20.5	125	240	62.75	493	673	26.0	3.9
R3820.030-ZP	M30	255	16.5	25.0	150	290	89.5	613	773	34.0	7.01

Pipe Body Turnbuckles

stainless steel

Turnbuckles



R3802

TURNBUCKLES

Material

Stainless steel (A4)

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes

Turnbuckles are not to be used for lifting.

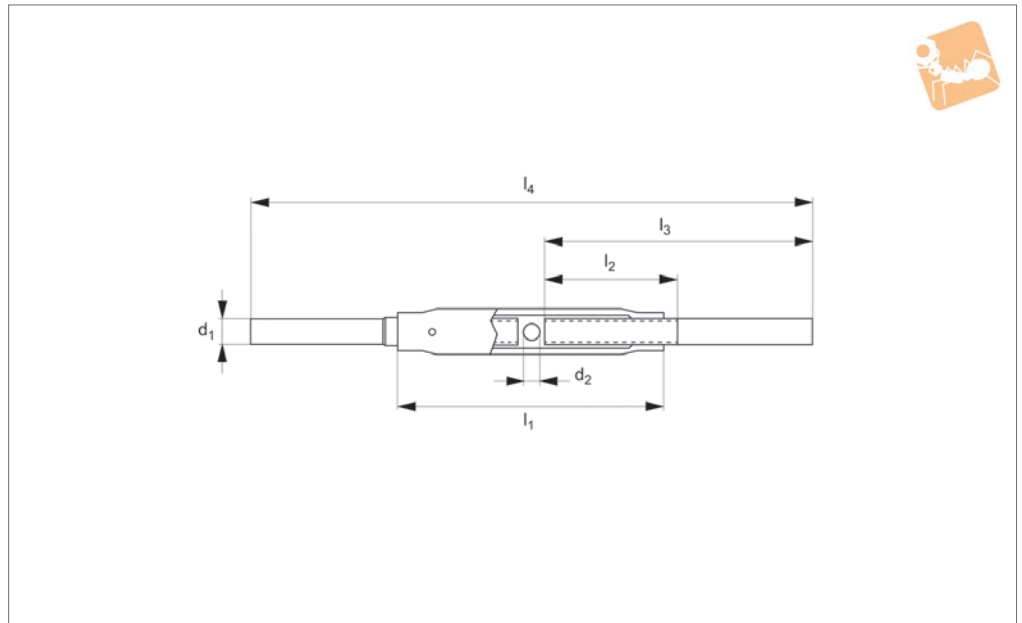
Order No.	d ₁	d ₂	d ₃ min.	d ₃ max.	h ₁	l ₁	l ₂	Adjustment	Weight kg
R3802.006-A4	M 6	17.2	5.7	6.3	2.9	110	7.5	90	0.13
R3802.008-A4	M 8	17.2	7.5	8.5	3.6	110	10	85	0.13
R3802.010-A4	M10	21.3	7.5	8.5	4.0	125	12	95	0.18
R3802.012-A4	M12	25.0	9.5	10.5	4.0	125	15	90	0.25
R3802.016-A4	M16	30.0	9.5	10.5	4.5	170	20	120	0.45
R3802.020-A4	M20	33.7	11.5	12.5	5.0	200	24	140	0.56
R3802.024-A4	M24	42.4	11.5	12.5	5.6	255	29	180	1.08
R3802.030-A4	M30	51.0	15.5	16.5	6.3	255	36	160	1.61
R3802.036-A4	M36	63.5	15.5	16.5	8.0	295	43	180	2.35



TURNBUCKLES



R3806



Material
Stainless steel (A4)

Technical Notes
To DIN 1478.

Tips
Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes
Turnbuckles are not to be used for lifting.

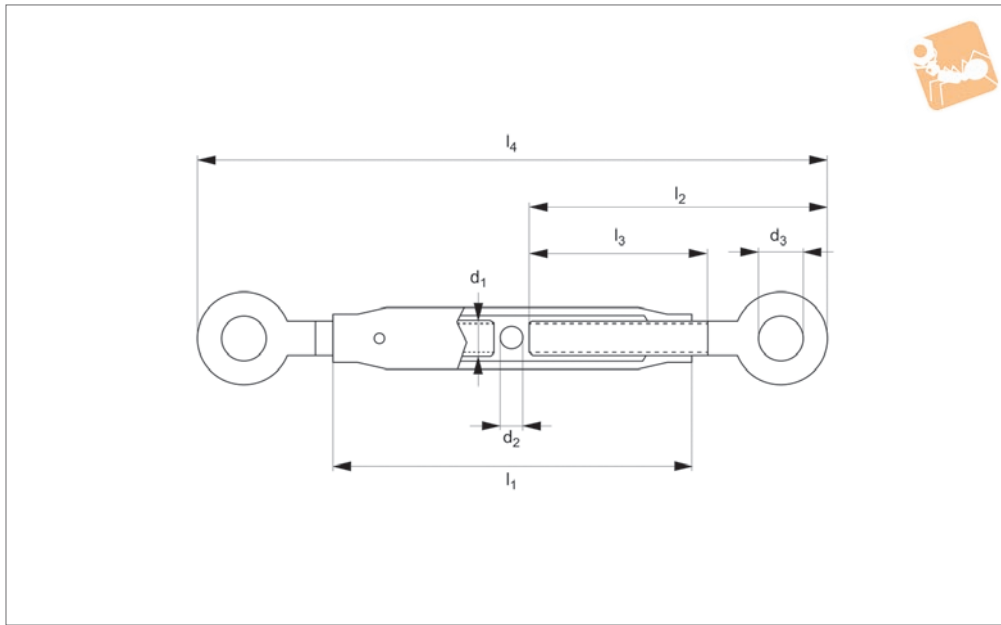
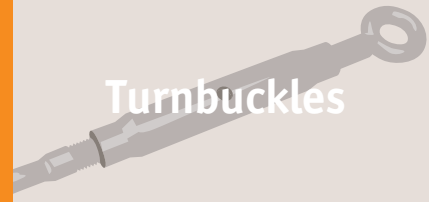
Order No.	d ₁	d ₂	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	Weight kg
R3806.006-A4	M 6	6	110	60	120	246	336	0.17
R3806.008-A4	M 8	8	110	65	120	248	333	0.20
R3806.010-A4	M10	8	125	75	150	309	404	0.32
R3806.012-A4	M12	10	125	75	150	311	401	0.45
R3806.016-A4	M16	10	170	100	200	410	530	0.97
R3806.020-A4	M20	12	200	120	220	452	592	1.48
R3806.024-A4	M24	12	255	150	260	533	713	2.62
R3806.030-A4	M30	16	255	160	260	537	697	4.01
R3806.036-A4	M36	16	295	180	300	617	797	6.35



Eye End Pipe Body Turnbuckles

stainless steel

Turnbuckles



R3810

TURNBUCKLES

Material

Stainless steel (A4)

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes

Turnbuckles are not to be used for lifting.

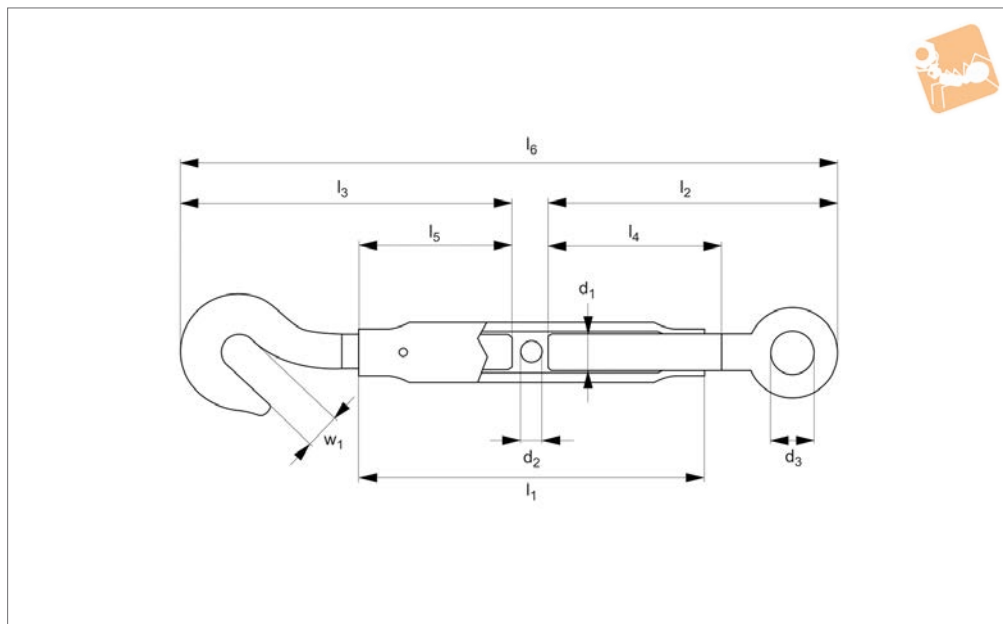
Order No.	d_1	d_2	d_3	l_1	l_2	l_3	l_4 min.	l_4 max.	Weight kg
R3810.006-A4	M 6	6	10	110	74	50	154	244	0.16
R3810.008-A4	M 8	8	11	110	80	52	168	253	0.18
R3810.010-A4	M10	8	15	125	95	59	199	294	0.28
R3810.012-A4	M12	10	17	125	107	66	225	315	0.42
R3810.016-A4	M16	10	22	170	146	85	302	422	0.91
R3810.020-A4	M20	12	24	200	170	100	352	492	1.36



TURNBUCKLES



R3814



Material
Stainless steel (A4)

Technical Notes
To DIN 1478.

Tips
Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes
Turnbuckles are not to be used for lifting.

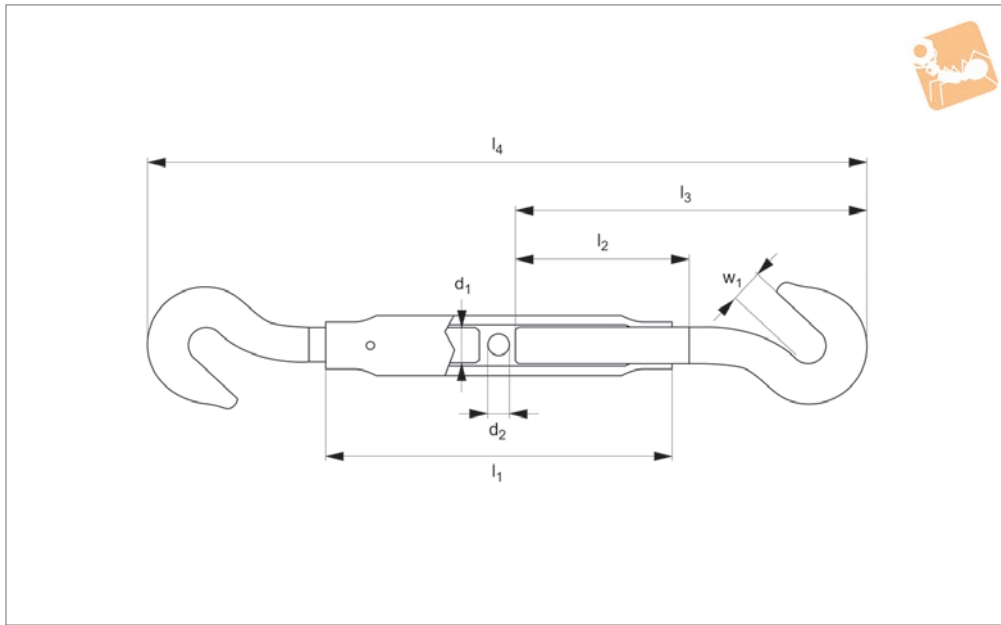
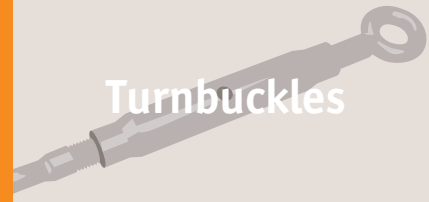
Order No.	d ₁	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆ min.	l ₆ max.	w ₁	Weight kg
R3814.006-A4	M 6	6	10	110	74	77.0	50	50	157	247	9.5	0.16
R3814.008-A4	M 8	8	11	110	80	98.0	52	60	186	271	11.0	0.19
R3814.010-A4	M10	8	15	125	95	116.5	59	73	220	315	14.0	0.29
R3814.012-A4	M12	10	17	125	107	146.0	66	90	264	354	18.0	0.45
R3814.016-A4	M16	10	22	170	146	165.0	85	100	321	441	19.0	0.96



Hook End Pipe Body Turnbuckles

stainless steel

Turnbuckles



R3818

TURNBUCKLES

Material

Stainless steel (A4)

Technical Notes

To DIN 1478.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

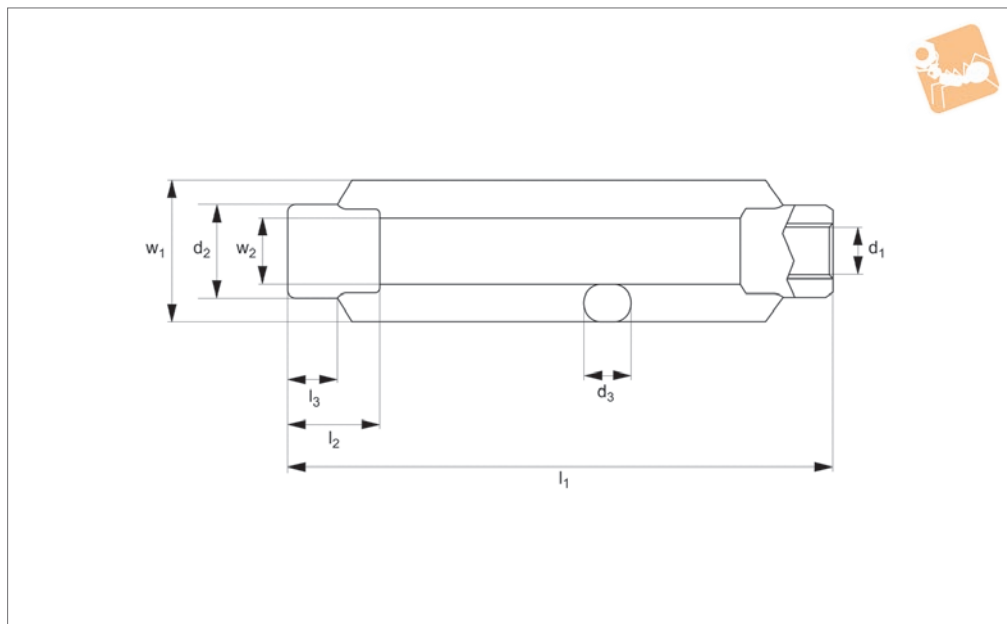
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d_1	d_2	l_1	l_2	l_3	l_4 min.	l_4 max.	w_1	Weight kg
R3818.006-A4	M 6	6	110	50	77.0	160	250	9.5	0.16
R3818.008-A4	M 8	8	110	60	98.0	204	289	11.0	0.20
R3818.010-A4	M10	8	125	73	116.5	241	336	14.0	0.30
R3818.012-A4	M12	10	125	90	146.0	303	393	18.0	0.47
R3818.016-A4	M16	10	170	100	165.0	340	460	19.0	1.01



R3830



Material

Steel (1.0037), zinc-plated.
Hot dip galvanized, available on request providing increased protection against corrosion.

Technical Notes

To DIN 1480.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

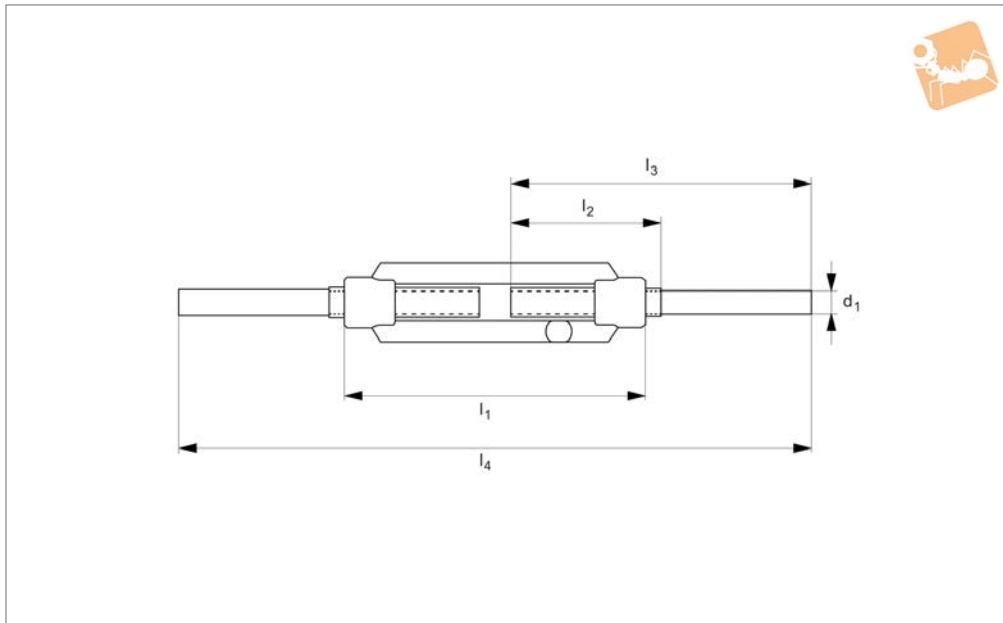
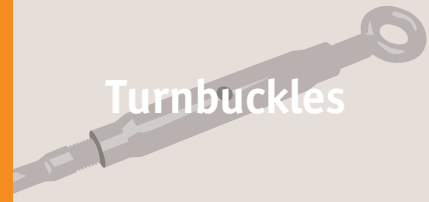
Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	d_1	l_1	l_2	l_3	d_2	d_3	w_1	w_2	Adjustment	Weight kg
R3830.006-ZP	M 6	110	12	6	12	6	19	9	80	0.06
R3830.008-ZP	M 8	110	15	8	15	8	23	11	75	0.09
R3830.010-ZP	M10	125	18	9	18	9	30	14	85	0.15
R3830.012-ZP	M12	125	21	11	21	11	34	16	80	0.20
R3830.016-ZP	M16	170	27	14	27	14	42	20	110	0.44
R3830.020-ZP	M20	200	34	17	34	17	52	24	130	0.44
R3830.024-ZP	M24	255	39	20	39	20	60	28	170	1.20
R3830.030-ZP	M30	255	45	23	45	23	74	34	160	1.80
R3830.036-ZP	M36	295	55	28	55	28	86	40	180	3.20
R3830.042-ZP	M42	330	63	32	63	32	104	50	200	4.50
R3830.048-ZP	M48	355	78	39	80	40	135	65	195	9.10
R3830.056-ZP	M56	355	78	39	80	40	135	65	195	8.00

Stub End Turnbuckles

steel

Turnbuckles



R3834

TURNBUCKLES

Material

Steel (1.0037), zinc-plated.
Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Technical Notes

To DIN 1480 stub end.

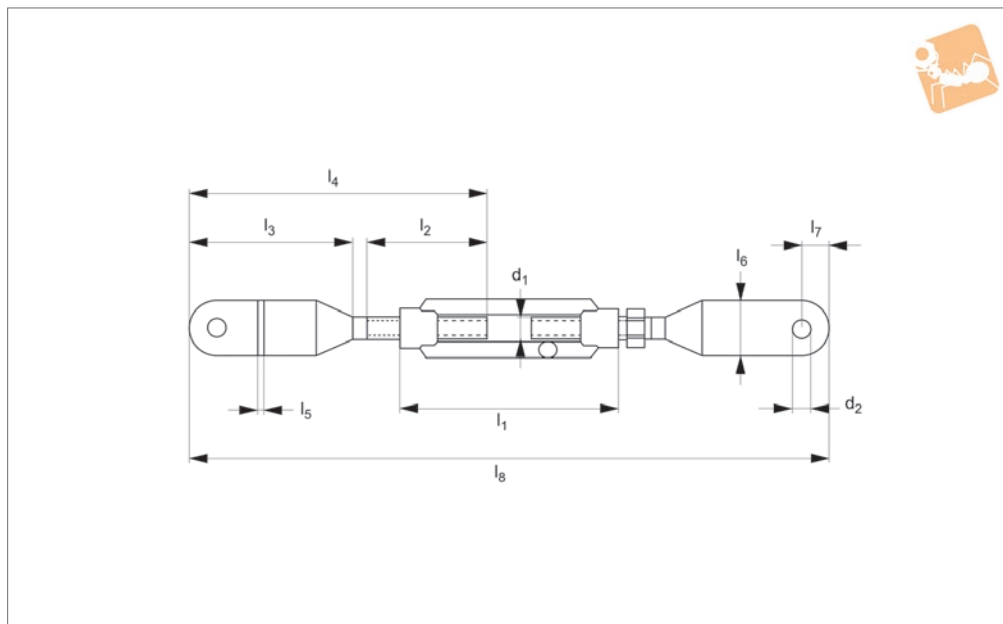
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	Weight kg
R3834.006-ZP	M 6	110	60	120	240	320	0.10
R3834.008-ZP	M 8	110	65	120	240	315	0.16
R3834.010-ZP	M10	125	75	150	301	386	0.30
R3834.012-ZP	M12	125	75	150	301	381	0.40
R3834.016-ZP	M16	170	100	200	400	510	0.96
R3834.020-ZP	M20	200	120	220	440	570	1.74
R3834.024-ZP	M24	255	150	260	521	691	2.74
R3834.030-ZP	M30	255	160	260	521	681	4.20
R3834.036-ZP	M36	295	180	300	601	781	7.20
R3834.042-ZP	M42	330	200	350	700	900	10.70
R3834.048-ZP	M48	355	220	380	761	956	17.90
R3834.056-ZP	M56	355	230	380	761	956	20.00



R3838



Material

Steel (1.0037 up to M48 then 1.0052), zinc-plated.

Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1480 plain ends.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

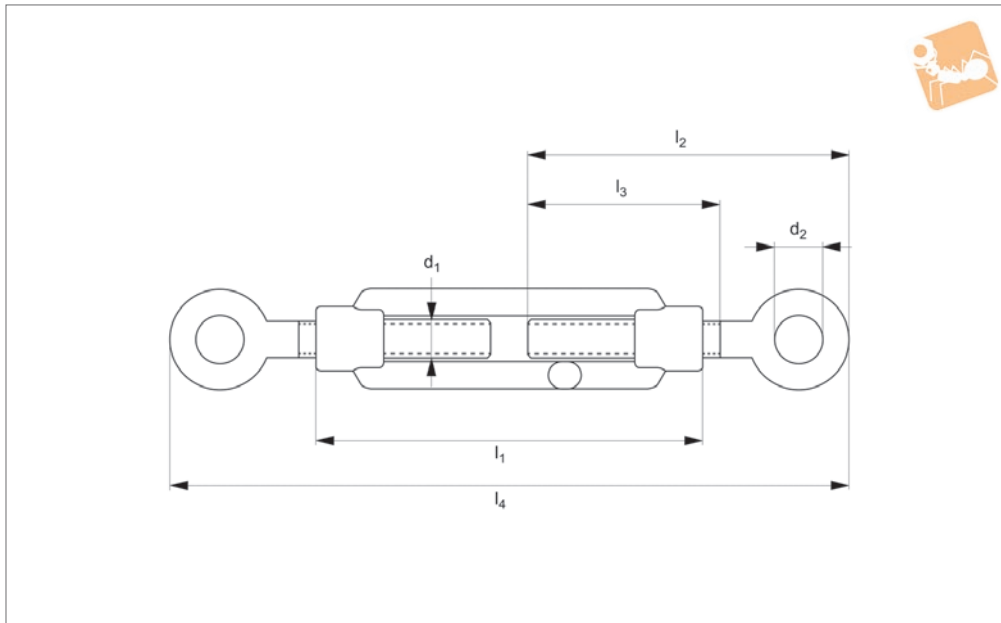
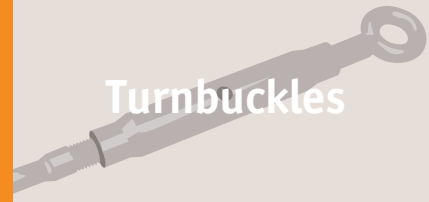
Order No.	d ₁	l ₁	l ₂	l ₃	l ₄	d ₂	l ₅	l ₆	l ₇	l ₈ min.	l ₈ max.	Weight kg
R3838.008-ZP	M 8	110	75	50	125	9.0	4	20	11	250	325	0.19
R3838.010-ZP	M10	110	90	60	150	10.5	4	25	13	300	385	0.30
R3838.012-ZP	M12	125	91	74	165	13.0	5	30	16	331	411	0.48
R3838.016-ZP	M16	125	105	135	240	14.0	8	40	20	481	591	1.14
R3838.020-ZP	M20	200	105	135	240	17.0	9	44	26	480	610	1.84
R3838.024-ZP	M24	255	160	145	305	22.0	10	70	43	611	781	3.10



Eye End Turnbuckles

steel

Turnbuckles



R3840

TURNBUCKLES

Material

Steel (1.0037), zinc-plated.
Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1480 eye to eye.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

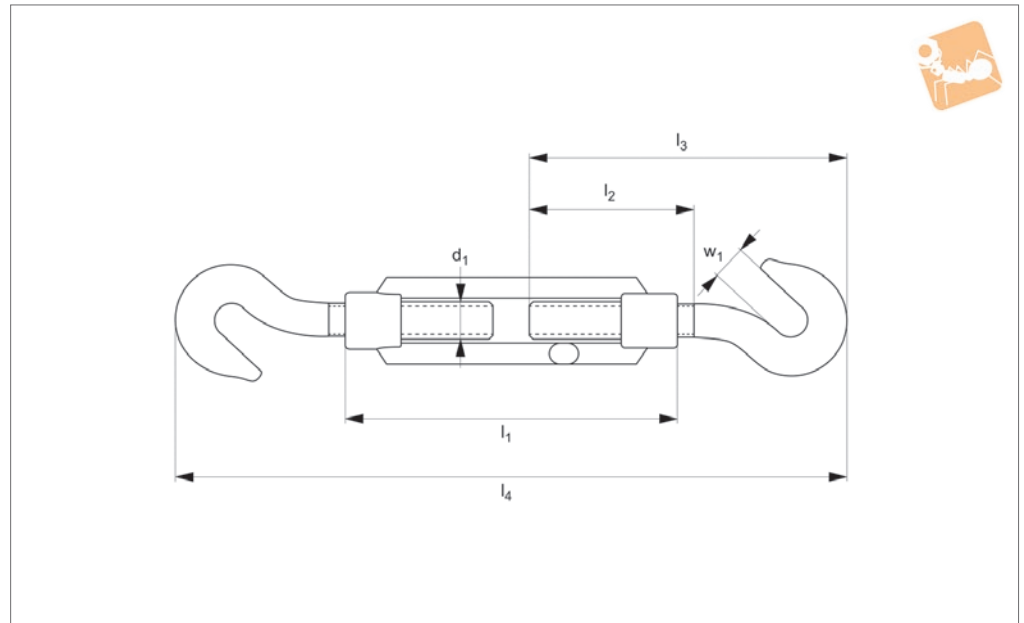
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	d ₂	Weight kg
R3840.006-ZP	M 6	110	74	50	148	228	10	0.09
R3840.008-ZP	M 8	110	80	52	160	235	11	0.14
R3840.010-ZP	M10	125	95	59	191	276	15	0.25
R3840.012-ZP	M12	125	107	66	215	295	17	0.37
R3840.016-ZP	M16	170	146	85	292	402	22	0.90
R3840.020-ZP	M20	200	170	100	340	470	24	1.62
R3840.024-ZP	M24	255	213	134	427	597	33	2.72
R3840.030-ZP	M30	255	255	150	511	671	39	3.94
R3840.036-ZP	M36	295	260	150	521	701	37	7.20
R3840.042-ZP	M42	330	285	165	570	770	48	10.70
R3840.048-ZP	M48	355	335	185	671	866	58	19.10



R3844



Material

Steel (1.0037), zinc-plated.
Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1480 hook to hook.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes

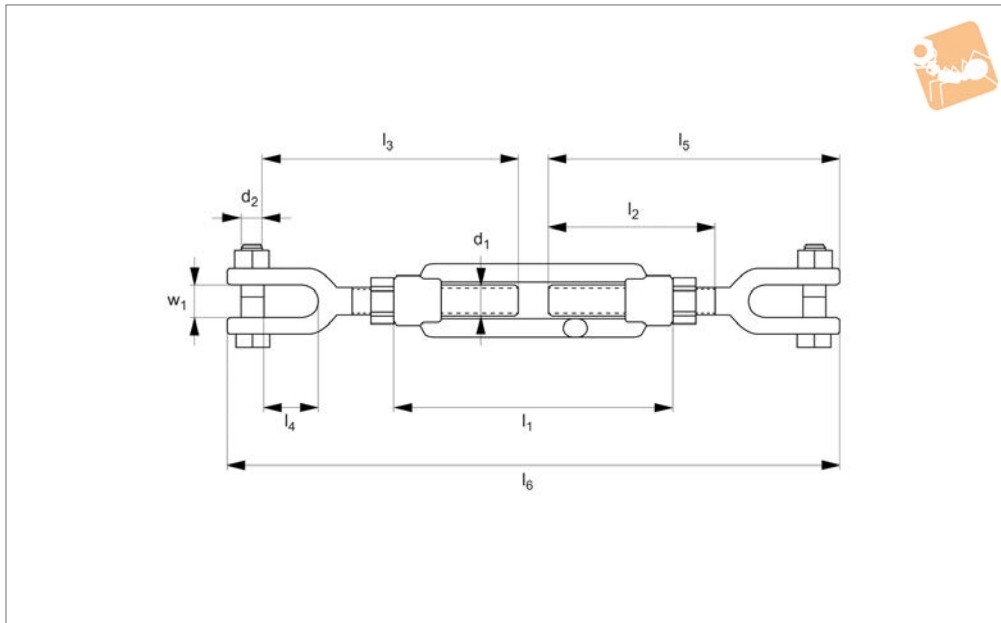
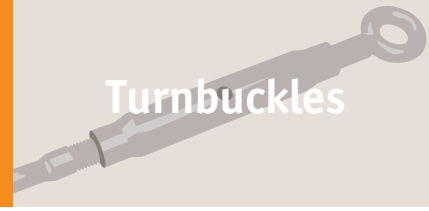
Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	w ₁	Weight kg
R3844.006-ZP	M 6	110	50	77.0	154	234	8.0	0.09
R3844.008-ZP	M 8	110	60	98.0	196	271	10.0	0.16
R3844.010-ZP	M10	125	73	116.5	233	318	12.5	0.27
R3844.012-ZP	M12	125	90	146.0	293	373	16.0	0.42
R3844.016-ZP	M16	170	100	165.0	330	440	16.0	1.00
R3844.020-ZP	M20	200	105	180.0	360	490	18.0	1.66
R3844.024-ZP	M24	255	135	225.0	451	621	30.0	2.98
R3844.030-ZP	M30	255	140	255.0	451	611	30.0	4.28
R3844.036-ZP	M36	295	170	300.0	601	781	32.0	7.70



Jaw End Turnbuckle steel

Turnbuckles



R3848

TURNBUCKLES

Material

Steel body (1.0037), jaws (1.0503), zinc-plated.

Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1480 jaw to jaw.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

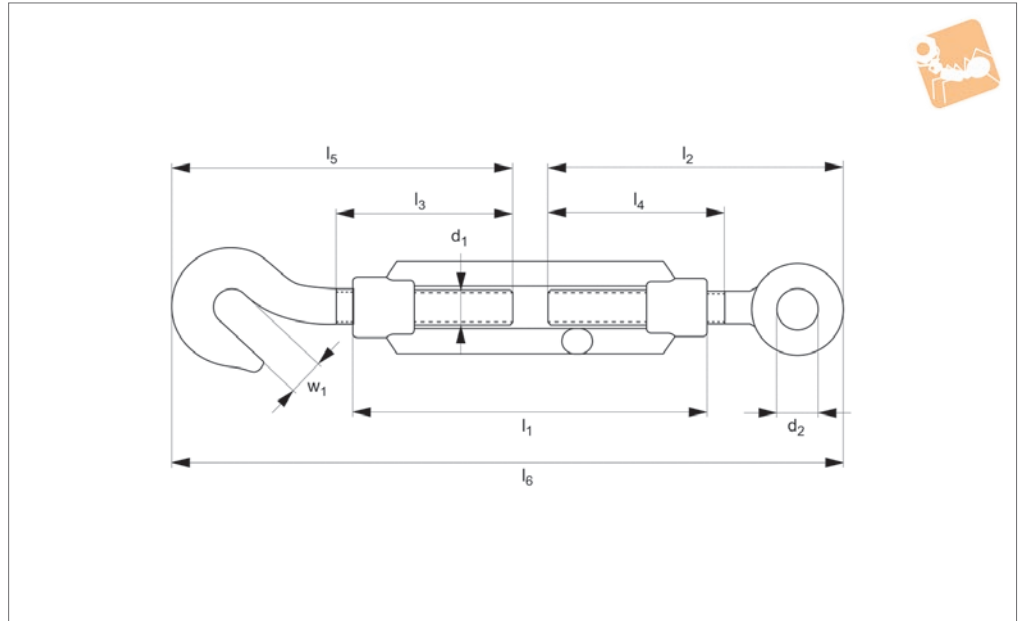
Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄	d ₂	l ₅	l ₆ min.	l ₆ max.	w	Weight kg
R3848.008-ZP	M 8	110	68	116	28.75	8.5	125	250	325	9.0	0.14
R3848.010-ZP	M10	125	82	130	29.25	8.5	139	279	364	10.7	0.26
R3848.012-ZP	M12	125	90	150	44.75	10.5	160	321	401	15.5	0.40
R3848.016-ZP	M16	170	102	172	45.25	12.5	186	372	482	20.0	0.64
R3848.020-ZP	M20	200	115	185	59.50	17.5	205	410	540	23.5	1.30
R3848.024-ZP	M24	255	125	215	62.75	20.5	240	481	651	29.0	2.28
R3848.030-ZP	M30	255	150	255	89.50	25.5	290	581	741	34.0	4.02



R3850



Material

Steel (1.0037), zinc-plated.
Hot dip galvanized body, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1480 hook & eye.

Tips

Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes

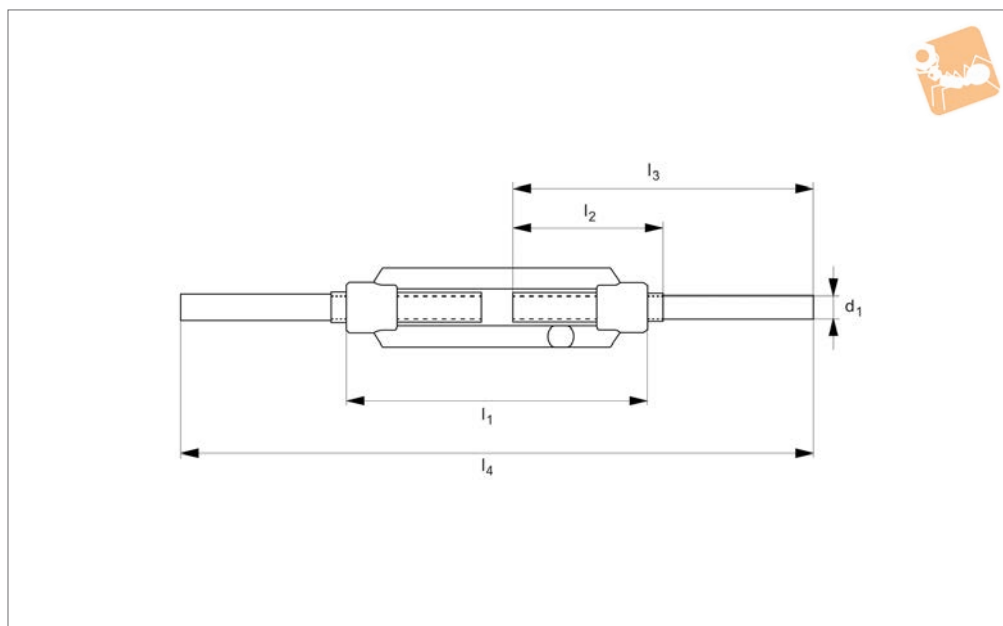
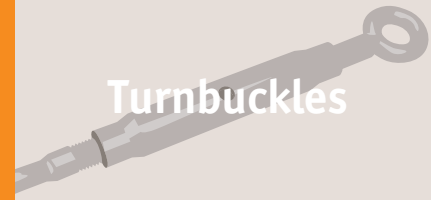
Turnbuckles are not to be used for lifting.

Order No.	d_1	l_1	l_2	l_3	l_4	d_2	l_5	l_6 min.	l_6 max.	w_1	Weight kg
R3850.006-ZP	M 6	110	74	50	50	10	77.0	151	231	8.0	0.09
R3850.008-ZP	M 8	110	80	60	52	11	98.0	172	253	10.0	0.15
R3850.010-ZP	M10	125	95	73	59	15	116.5	212	297	12.5	0.26
R3850.012-ZP	M12	125	107	90	66	17	146.0	264	344	16.0	0.40
R3850.016-ZP	M16	170	146	100	85	22	165.0	311	421	16.0	0.95
R3850.020-ZP	M20	200	170	105	100	24	180.0	350	480	18.0	1.64
R3850.024-ZP	M24	255	213	135	120	33	225.0	439	609	30.0	2.85
R3850.030-ZP	M30	255	255	140	135	39	255.0	511	671	30.0	4.11
R3850.036-ZP	M36	295	260	170	140	37	300.0	561	741	32.0	7.45

Stub End Turnbuckles

stainless steel

Turnbuckles



R3836

TURNBUCKLES

Material

Stainless steel (A4).

Technical Notes

To DIN 1480 stub end.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

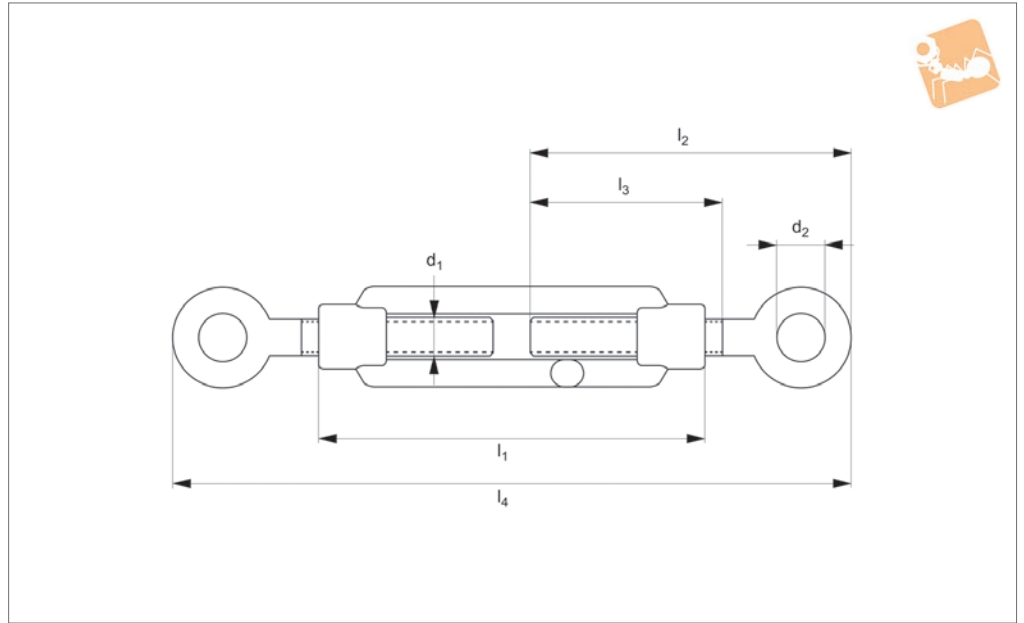
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	Weight kg
R3836.006-A4	M 6	110	60	120	240	320	0.10
R3836.008-A4	M 8	110	65	120	240	315	0.16
R3836.010-A4	M10	125	75	150	301	386	0.30
R3836.012-A4	M12	125	75	150	301	381	0.40
R3836.016-A4	M16	170	100	200	400	510	0.96
R3836.020-A4	M20	200	120	220	440	570	1.74
R3836.024-A4	M24	255	150	260	521	691	2.74



R3842



Material
Stainless steel (A4).

Technical Notes
To DIN 1480 eye to eye.

Tips
Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes
Turnbuckles are not to be used for lifting.

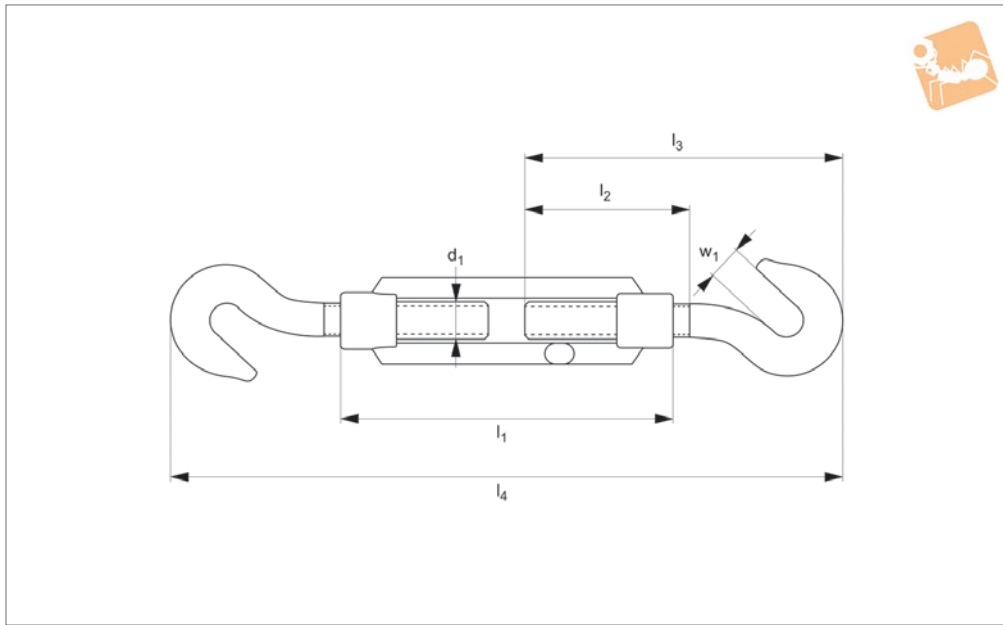
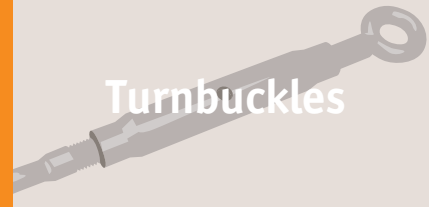
Order No.	d_1	d_2	l_1	l_2	l_3	l_4 min.	l_4 max.	Weight kg
R3842.006-A4	M 6	10	110	74	50	148	228	0.09
R3842.008-A4	M 8	11	110	80	52	160	235	0.14
R3842.010-A4	M10	15	125	95	59	191	276	0.25
R3842.012-A4	M12	17	125	107	66	215	295	0.37
R3842.016-A4	M16	22	170	146	85	292	402	0.90
R3842.020-A4	M20	24	200	170	100	340	470	1.62



Hook End Turnbuckles

stainless steel

Turnbuckles



R3846

TURNBUCKLES

Material

Stainless steel (A4).

Technical Notes

To DIN 1480 hook to hook.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

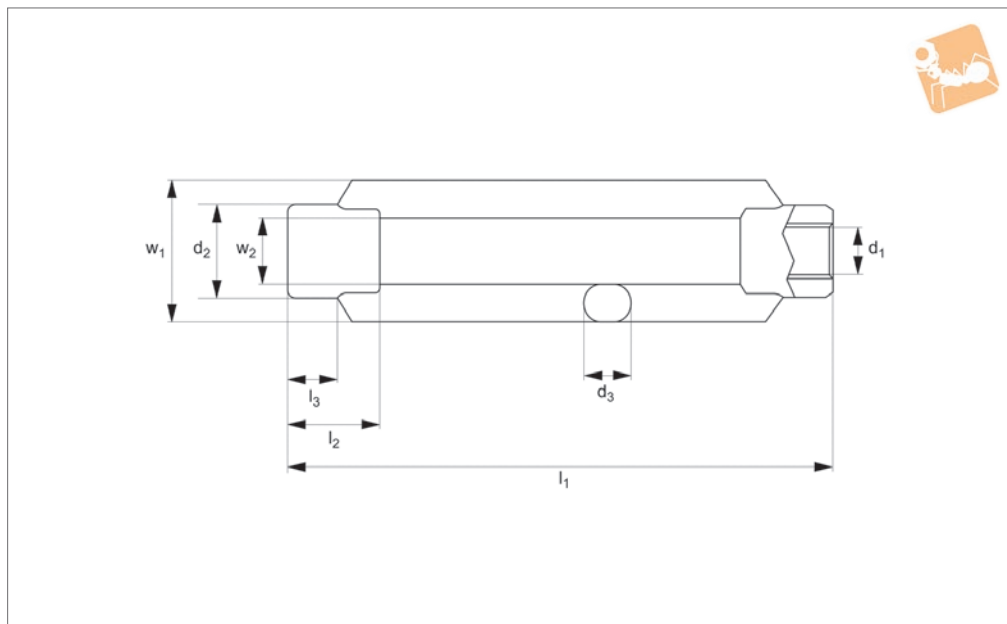
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	l ₁	l ₂	l ₃	l ₄ min.	l ₄ max.	w ₁	Weight kg
R3846.006-A4	M 6	110	50	77.0	154	234	8.0	0.09
R3846.008-A4	M 8	110	60	98.0	196	271	10.0	0.16
R3846.010-A4	M10	125	73	116.5	233	318	12.5	0.27
R3846.012-A4	M12	125	90	146.0	293	373	16.0	0.42
R3846.016-A4	M16	170	100	165.0	330	440	16.0	1.00



R3832



Material
Stainless steel (A4).

Technical Notes
To DIN 1480.

Tips
Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

Important Notes
Turnbuckles are not to be used for lifting.

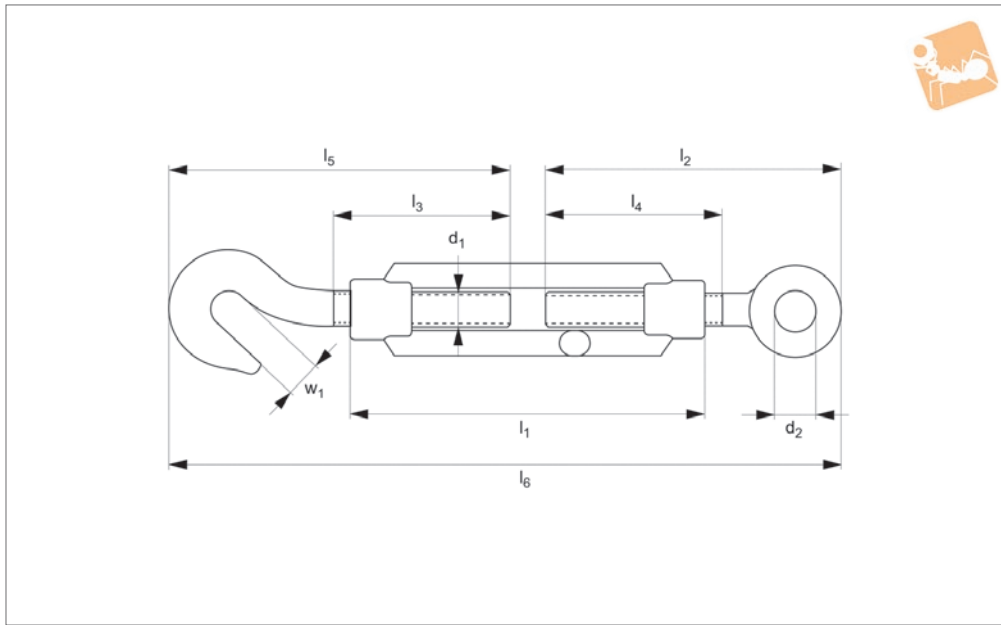
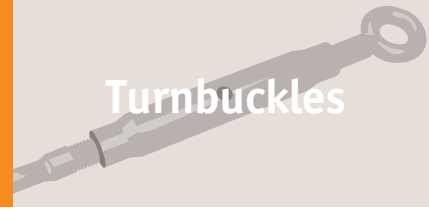
Order No.	d_1	d_2	d_3	l_1	l_2	l_3	w_1	w_2	Adjustment	Weight kg
R3832.050-070-A4	M 5	-	-	70	-	-	-	-	-	
R3832.060-110-A4	M 6	12	6	110	12	6	19	9	80	0.06
R3832.060-090-A4	M 6	8	6	90	12	6	19	9	80	0.06
R3832.080-110-A4	M 8	15	8	110	15	8	23	11	75	0.09
R3832.100-125-A4	M10	18	9	125	18	9	30	14	85	0.15
R3832.100-150-A4	M10	16	9	150	18	9	30	14	85	0.15
R3832.120-125-A4	M12	21	11	125	21	11	34	16	80	0.20
R3832.120-200-A4	M12	18	11	200	21	11	34	16	80	0.20
R3832.160-170-A4	M16	27	14	170	27	14	42	20	110	0.44
R3832.160-250-A4	M16	26	14	250	27	14	42	20	110	0.44
R3832.200-200-A4	M20	34	17	200	34	17	52	24	130	0.44
R3832.200-300-A4	M20	30	17	300	34	17	52	24	130	0.44
R3832.240-255-A4	M24	39	20	255	39	20	60	28	170	1.20



Hook & Eye Turnbuckles

stainless steel

Turnbuckles



R3852

TURNBUCKLES

Material

Stainless steel (A4).

Technical Notes

To DIN 1480 hook & eye.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Only suitable for use in tension.

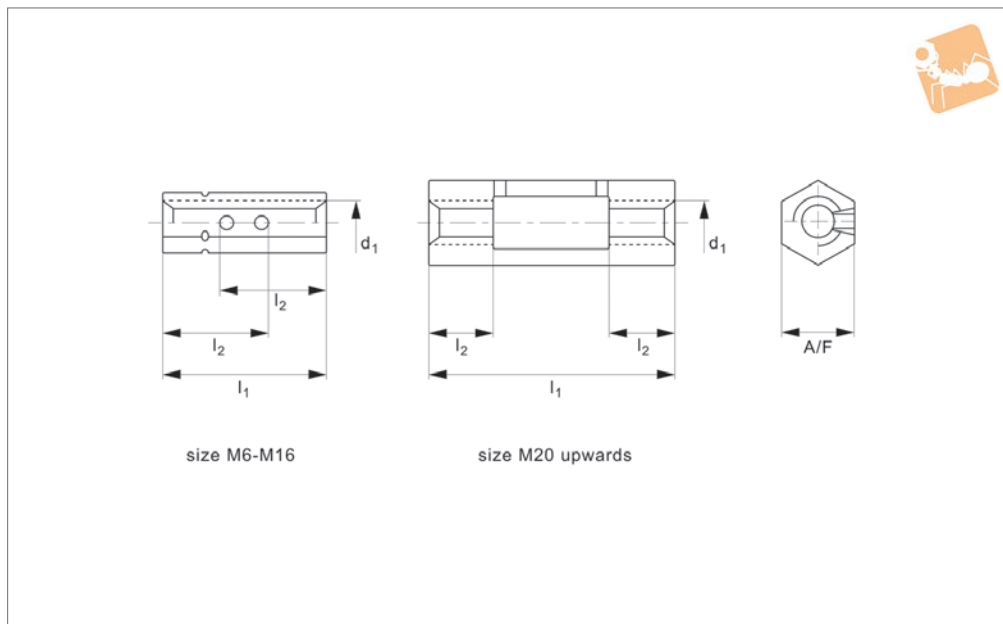
Important Notes

Turnbuckles are not to be used for lifting.

Order No.	d ₁	d ₂	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆ min.	w ₁	Weight kg
R3852.006-A4	M 6	10	110	74	50	50	77.0	151	8.0	0.09
R3852.008-A4	M 8	11	110	80	52	60	98.0	178	10.0	0.15
R3852.010-A4	M10	15	125	95	59	73	116.5	212	12.5	0.26
R3852.012-A4	M12	17	125	107	66	90	146.0	264	16.0	0.40
R3852.016-A4	M16	22	170	146	85	100	165.0	311	16.0	0.95



R3825



Material

Steel (1.0037), zinc-plated.
Hot dip galvanized, available on request providing increased protection against corrosion. Please add -FZ for hot dip galvanized, e.g. R3804.006-FZ.

Technical Notes

To DIN 1479.

Tips

Turnbuckles consist of a metal frame with

right hand thread one end and left hand thread the other end. Used for tensioning by rotating turnbuckle body without twisting attached rope or cable.

Important Notes

L2 dimension indicates the length of thread from each end that has been overcut.

This means you can screw from one end a total of length l2. Please note if screwing in from both ends the length of thread is

half l2.

Sizes M6-M16, have overlapping thread, from M20 middle part is relieved.

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

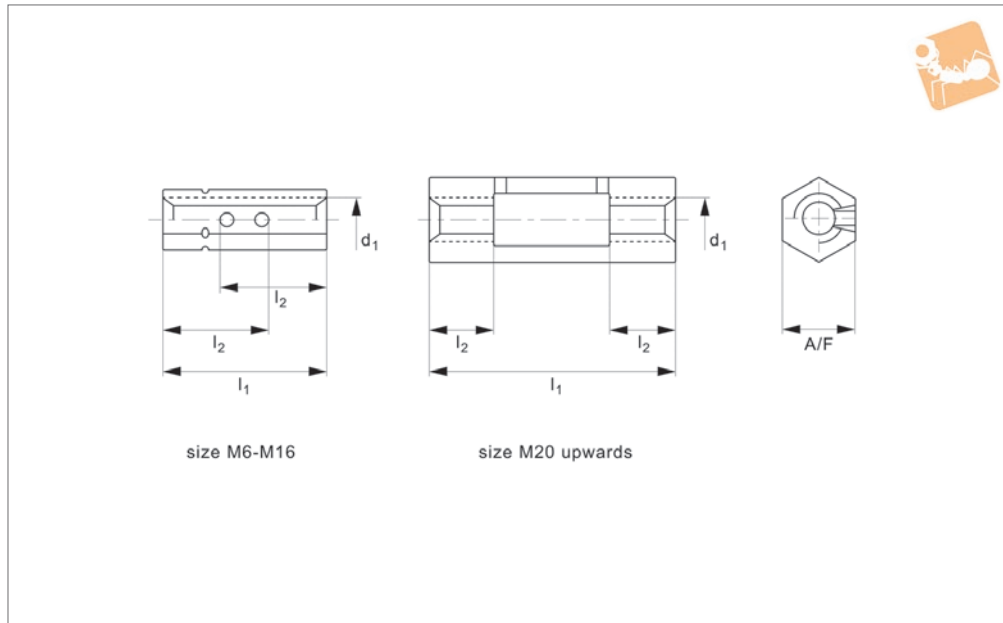
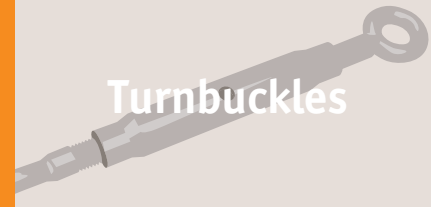
Order No.	d ₁	l ₁	l ₂	A/F	Adjustment	Weight kg
R3825.006-ZP	M 6	30	22.5	10	15	0.02
R3825.008-ZP	M 8	35	25.0	13	15	0.03
R3825.010-ZP	M10	45	33.0	16	21	0.06
R3825.012-ZP	M12	55	40.0	18	25	0.09
R3825.016-ZP	M16	75	55.0	24	35	0.18
R3825.020-ZP	M20	95	24.0	30	47	0.32
R3825.024-ZP	M24	115	29.0	36	57	0.53
R3825.030-ZP	M30	125	36.0	46	53	1.08



Hexagonal Body Turnbuckles

stainless steel

Turnbuckles



R3826

TURNBUCKLES

Material
Stainless steel (A4).

Technical Notes
To DIN 1479.

Tips
Turnbuckles consist of a metal frame with right hand thread one end and left hand thread the other end. Used for tensioning

by rotating turnbuckle body without twisting attached rope or cable.

Important Notes
L2 dimension indicates the length of thread from each end that has been overcut.
This means you can screw from one end a total of length l2. Please note if screwing

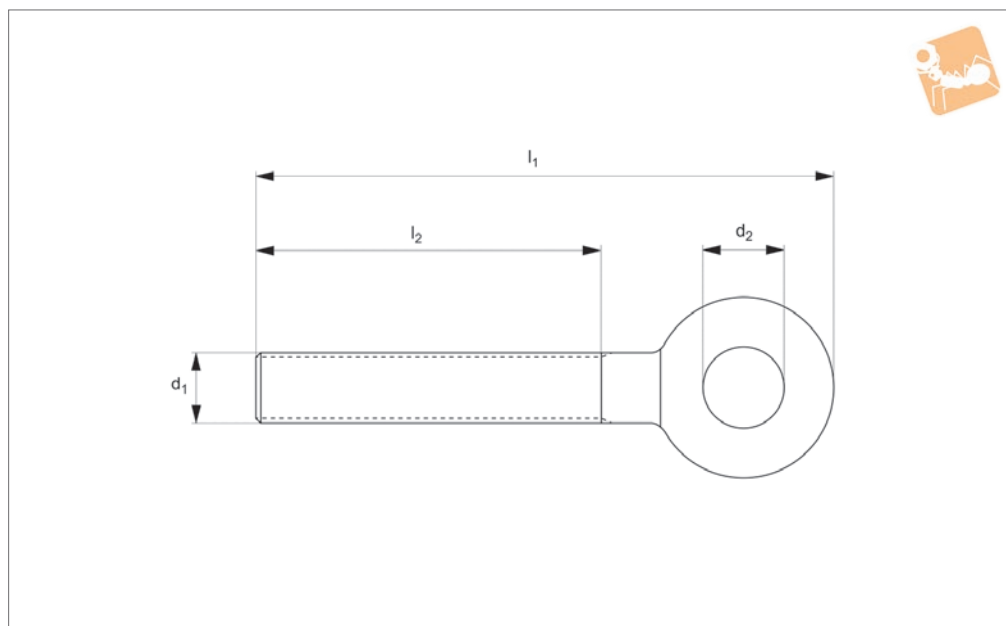
in from both ends the length of thread is half l2.
Sizes M6-M16, have overlapping thread, from M20 middle part is relieved.

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	d ₁	l ₁	l ₂	A/F	Adjustment	Weight kg
R3826.006-A4	M 6	30	22.5	10	15	0.02
R3826.008-A4	M 8	35	25.0	13	15	0.03
R3826.010-A4	M10	45	33.0	16	21	0.06
R3826.012-A4	M12	55	40.0	18	25	0.09
R3826.016-A4	M16	75	55.0	24	35	0.18
R3826.020-A4	M20	95	24.0	30	47	0.32
R3826.024-A4	M24	115	29.0	36	57	0.53
R3826.030-A4	M30	125	36.0	46	53	1.08



R3860

**Material**

Steel (1.0037), zinc-plated.

Hot dip galvanized version, available on request providing increased protection

against corrosion. Please add -FZ for hot dip galvanized, e.g. R3860.R006-FZ.

Important Notes

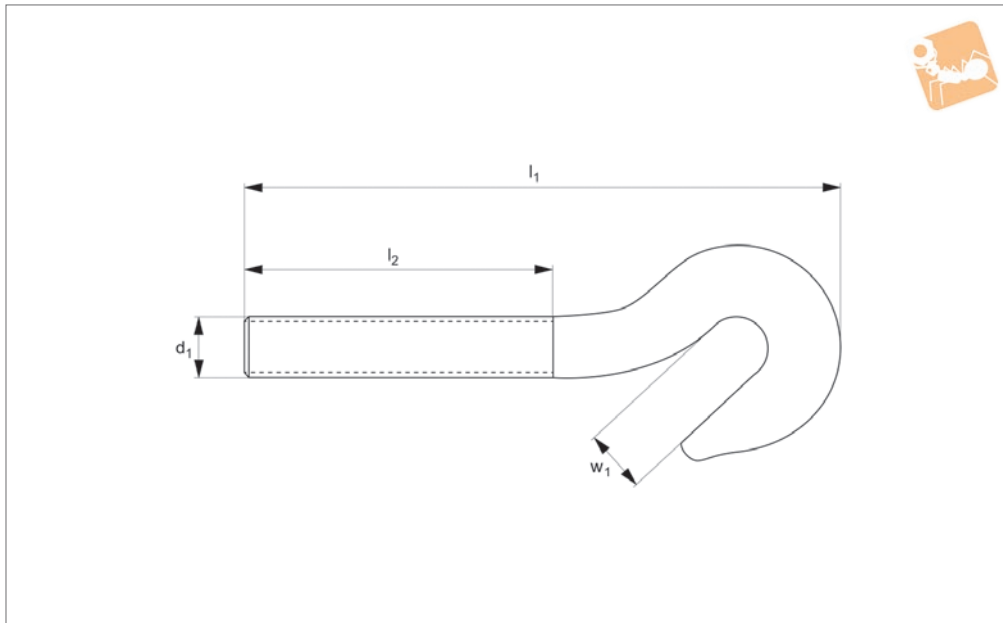
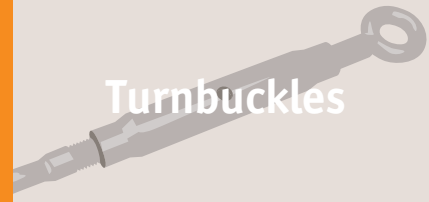
Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	Thread hand	d ₁	d ₂	l ₁	l ₂	Weight kg
R3860.R006-ZP	Right	M 6	10	74	50	0.015
R3860.R008-ZP	Right	M 8	11	80	52	0.030
R3860.R010-ZP	Right	M10	15	95	59	0.050
R3860.R012-ZP	Right	M12	17	107	66	0.085
R3860.R014-ZP	Right	M14	18	158	85	0.130
R3860.R016-ZP	Right	M16	22	146	85	0.210
R3860.R020-ZP	Right	M20	24	170	100	0.380
R3860.R022-ZP	Right	M22	30	203	123	0.580
R3860.R024-ZP	Right	M24	33	213	134	0.830
R3860.R030-ZP	Right	M30	39	255	150	1.400
R3860.R036-ZP	Right	M36	37	260	150	2.180
R3860.R042-ZP	Right	M42	48	285	165	3.190
R3860.R048-ZP	Right	M48	58	335	185	4.970
R3860.L006-ZP	Left	M 6	10	74	50	0.015
R3860.L008-ZP	Left	M 8	11	80	52	0.030
R3860.L010-ZP	Left	M10	15	95	59	0.050
R3860.L012-ZP	Left	M12	17	107	66	0.085
R3860.L014-ZP	Left	M14	18	158	85	0.130
R3860.L016-ZP	Left	M16	22	146	85	0.210
R3860.L020-ZP	Left	M20	24	170	100	0.380
R3860.L022-ZP	Left	M22	30	203	123	0.580
R3860.L024-ZP	Left	M24	33	213	134	0.830
R3860.L030-ZP	Left	M30	39	255	150	1.400
R3860.L036-ZP	Left	M36	37	260	150	2.180
R3860.L042-ZP	Left	M42	48	285	165	3.190
R3860.L048-ZP	Left	M48	58	335	185	4.970

Hooks for Turnbuckles

steel

Turnbuckles



R3862

TURNBUCKLES

Material

Steel (1.0037).

Hot dip galvanized version, available on request providing increased protection

against corrosion. Please add -FZ for hot dip galvanized, e.g. R3862.R006-FZ.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

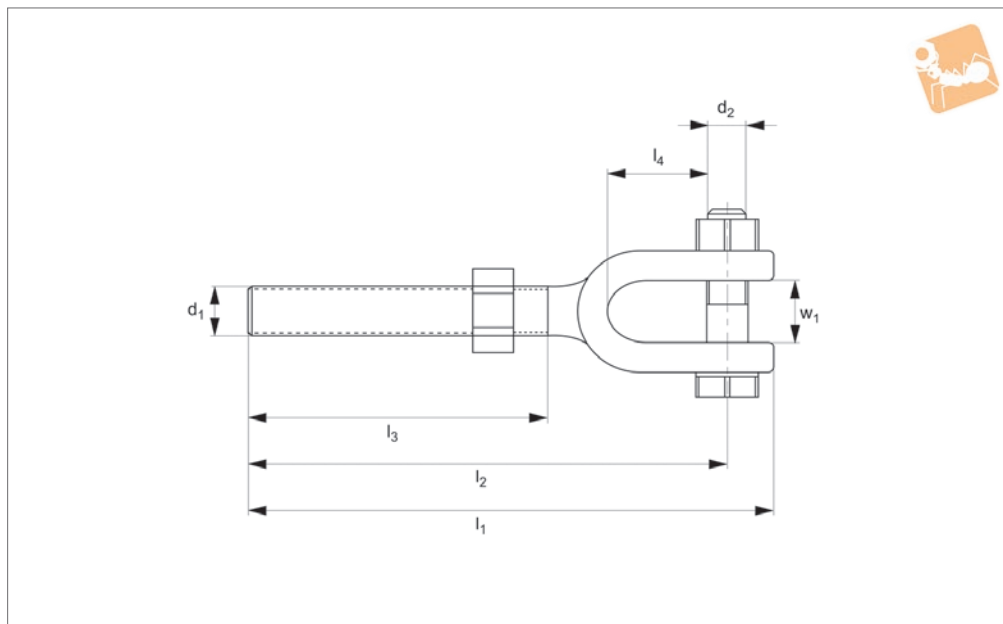
Order No.	Thread hand	d ₁	l ₁	l ₂	w ₁	S.W.L. kg	Weight kg
R3862.R006-ZP	Right	M 6	77.0	50	9.5	75	0.016
R3862.R008-ZP	Right	M 8	98.0	60	11.0	165	0.034
R3862.R010-ZP	Right	M10	116.5	73	14.0	235	0.060
R3862.R012-ZP	Right	M12	146.0	90	18.0	320	0.113
R3862.R014-ZP	Right	M14	140.0	80	16.0	420	0.170
R3862.R016-ZP	Right	M16	165.0	100	19.0	530	0.275
R3862.R020-ZP	Right	M20	180.0	105	21.0	730	0.440
R3862.R022-ZP	Right	M22	215.0	120	26.0	1120	0.685
R3862.R024-ZP	Right	M24	225.0	135	29.0	1550	0.765
R3862.R030-ZP	Right	M30	225.0	140	31.0	2240	1.325
R3862.R036-ZP	Right	M36	300.0	170	35.0	3530	2.285
R3862.L006-ZP	Left	M 6	77.0	50	9.5	75	0.016
R3862.L008-ZP	Left	M 8	98.0	60	11.0	165	0.034
R3862.L010-ZP	Left	M10	116.5	73	14.0	235	0.060
R3862.L012-ZP	Left	M12	146.0	90	18.0	320	0.113
R3862.L014-ZP	Left	M14	140.0	80	16.0	420	0.170
R3862.L016-ZP	Left	M16	165.0	100	19.0	530	0.275
R3862.L020-ZP	Left	M20	180.0	105	21.0	730	0.440
R3862.L022-ZP	Left	M22	215.0	120	26.0	1120	0.685
R3862.L024-ZP	Left	M24	225.0	135	29.0	1550	0.765
R3862.L030-ZP	Left	M30	225.0	140	31.0	2240	1.325
R3862.L036-ZP	Left	M36	300.0	170	35.0	3530	2.285



TURNBUCKLES



R3864



Material

Steel (C45, 1.0503), zinc-plated.
Hot dip galvanized version, above M12 available on request providing increased protection against corrosion. Please add -

FZ for hot dip galvanized, e.g. R3864.
R008-FZ.

Only suitable for use in tension.

Important Notes

Turnbuckles are not to be used for lifting.

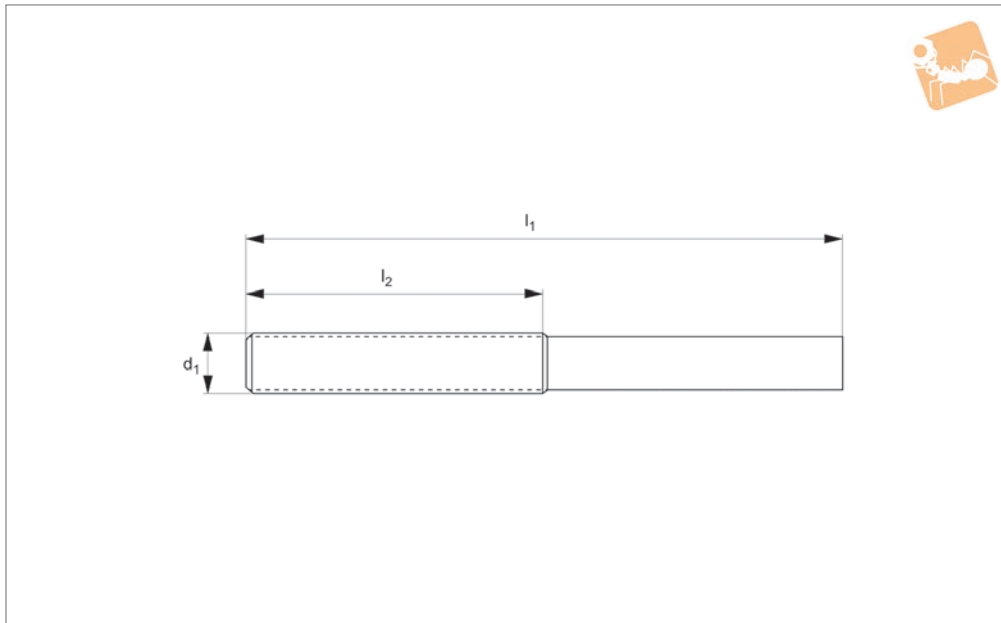
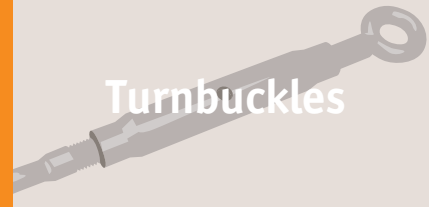
Order No.	Thread hand	d ₁	d ₂	l ₁	l ₂	l ₃	l ₄	w ₁	Weight kg
R3864.R008-ZP	Right	M 8	8.5	125	116	68	28.75	9.0	0.095
R3864.R010-ZP	Right	M10	8.5	139	130	82	29.25	10.7	0.132
R3864.R012-ZP	Right	M12	10.5	160	150	90	44.75	15.5	0.215
R3864.R016-ZP	Right	M16	12.5	186	172	102	45.25	20.0	0.405
R3864.R020-ZP	Right	M20	17.0	205	185	115	59.50	23.5	0.812
R3864.R024-ZP	Right	M24	20.5	240	215	125	62.75	29.0	1.395
R3864.R030-ZP	Right	M30	25.0	290	255	150	89.50	34.0	2.690
R3864.L008-ZP	Left	M 8	8.5	125	116	68	28.75	9.0	0.095
R3864.L010-ZP	Left	M10	8.5	139	130	82	29.25	10.7	0.132
R3864.L012-ZP	Left	M12	10.5	160	150	90	44.75	15.5	0.215
R3864.L016-ZP	Left	M16	12.5	186	172	102	45.25	20.0	0.405
R3864.L020-ZP	Left	M20	17.0	205	185	115	59.50	23.5	0.812
R3864.L024-ZP	Left	M24	20.5	240	215	125	62.75	29.0	1.395
R3864.L030-ZP	Left	M30	25.0	290	255	150	89.5	34.0	2.690



Welding Studs

steel

Turnbuckles



R3866

TURNBUCKLES

Material

Steel (1.0037 up to M36, above M36 1.0052).

Hot dip galvanized version, available on request providing increased protection

against corrosion. Please add -FZ for hot dip galvanized, e.g. R3866.R006-FZ.

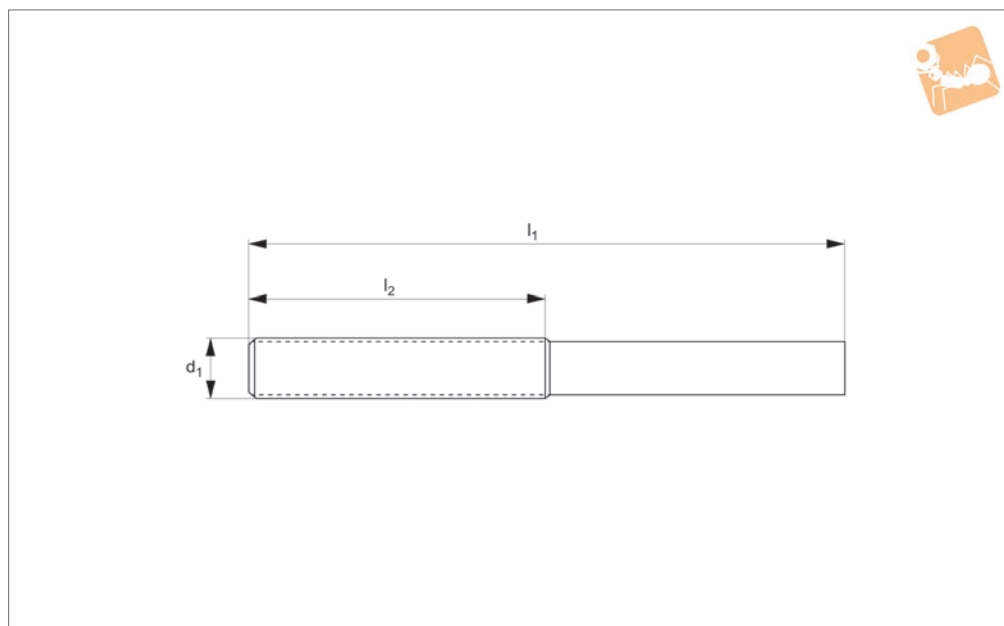
Technical Notes

To DIN 34828.

Important Notes

Turnbuckles are not to be used for lifting. Only suitable for use in tension.

Order No.	Thread hand	d	l ₁	l ₂	S.W.L. kg	Weight kg
R3866.R006-ZP	Right	M 6	120	60	0.02	0.02
R3866.R008-ZP	Right	M 8	120	65	0.04	0.04
R3866.R010-ZP	Right	M10	150	75	0.07	0.07
R3866.R012-ZP	Right	M12	150	75	0.11	0.11
R3866.R014-ZP	Right	M14	165	80	0.15	0.15
R3866.R016-ZP	Right	M16	200	100	0.26	0.26
R3866.R020-ZP	Right	M20	200	120	0.44	0.44
R3866.R024-ZP	Right	M24	260	150	0.76	0.76
R3866.R030-ZP	Right	M30	260	160	1.20	1.20
R3866.R036-ZP	Right	M36	300	180	2.10	2.10
R3866.R042-ZP	Right	M42	350	200	3.15	3.15
R3866.R048-ZP	Right	M48	380	220	4.60	4.60
R3866.R056-ZP	Right	M56	380	230	6.28	6.28
R3866.R064-ZP	Right	M64	425	300	9.16	9.16
R3866.R072-ZP	Right	M72	400	270	4.60	4.60
R3866.L006-ZP	Left	M 6	120	60	0.02	0.02
R3866.L008-ZP	Left	M 8	120	65	0.04	0.04
R3866.L010-ZP	Left	M10	150	75	0.07	0.07
R3866.L012-ZP	Left	M12	150	75	0.11	0.11
R3866.L014-ZP	Left	M14	165	80	0.15	0.15
R3866.L016-ZP	Left	M16	200	100	0.26	0.26
R3866.L020-ZP	Left	M20	200	120	0.44	0.44
R3866.L024-ZP	Left	M24	260	150	0.76	0.76
R3866.L030-ZP	Left	M30	260	160	1.20	1.20
R3866.L036-ZP	Left	M36	300	180	2.10	2.10
R3866.L042-ZP	Left	M42	350	200	3.15	3.15
R3866.L048-ZP	Left	M48	380	220	4.60	4.60
R3866.L056-ZP	Left	M56	380	230	6.28	6.28
R3866.L064-ZP	Left	M64	425	300	9.16	9.16
R3866.L072-ZP	Left	M72	400	270	4.60	4.60


R3868

Material

Stainless steel (A4).

Technical Notes

To DIN 34828.

Important Notes
**Turnbuckles are not to be used for lifting.
Only suitable for use in tension.**

Order No.	Thread hand	d_1	l_1	l_2	Weight kg
R3868.R006-A4	Right	M 6	120	60	0.02
R3868.R008-A4	Right	M 8	120	65	0.04
R3868.R010-A4	Right	M10	150	75	0.07
R3868.R012-A4	Right	M12	150	75	0.11
R3868.R014-A4	Right	M14	165	80	0.15
R3868.R016-A4	Right	M16	200	100	0.26
R3868.R020-A4	Right	M20	220	120	0.44
R3868.R024-A4	Right	M24	260	150	0.76
R3868.R030-A4	Right	M30	260	160	1.20
R3868.R036-A4	Right	M36	300	180	2.10
R3868.L006-A4	Left	M 6	120	60	0.02
R3868.L008-A4	Left	M 8	120	65	0.04
R3868.L010-A4	Left	M10	150	75	0.07
R3868.L012-A4	Left	M12	150	75	0.11
R3868.L014-A4	Left	M14	165	80	0.15
R3868.L016-A4	Left	M16	200	100	0.26
R3868.L020-A4	Left	M20	220	120	0.44
R3868.L024-A4	Left	M24	260	150	0.76
R3868.L030-A4	Left	M30	260	160	1.20
R3868.L036-A4	Left	M36	300	180	2.10