



# US Spars 2025 Parts Catalogue



# Table of Contents

<b>General Information</b>	----	<a href="#">4-7</a>	Base Studs and Toggles	----	39
About Us	----	4	Base Plates	----	40
Current Mast Sections	----	5	Deck Collar Reinforcement	----	40
Boom, Spreader & Beam Sections	----	6	Internal Sealing	----	41
Discontinued Sections	----	7	Mast Bases	----	42-45
<b>Parts</b>	----	<a href="#">8-46</a>	Deck Collars	----	46
Mast Heads	----	8-9	Rigid Vangs	----	47
Standard Masthead	----	8	Shroud Roller Parts	----	48
Fractional Masthead	----	9	Spinnaker/Whisker Pole		
Tapered Masthead	----	9	Poles	----	49
J-Bolts	----	10	Ends	----	50
Toggles and Pins	----	11	Accessories	----	50
Forestay Tangs	----	12	Kits	----	51
Stemball Backing Shells	----	13	Setup	----	52
T-Terminal Backing Plates	----	13	<b>Mast Diagrams</b>	----	<a href="#">53-76</a>
Light Accessories	----	14	<b>Classic</b>		
Sheave Boxes	----	15	Z145	----	53
Spreader Bars & Hardware	----	16	Z170	----	54
Spreader Tips	----	17	Z190	----	55
Strut Layout and Parts	----	18	Z230	----	56
Halyard Exit, Cover Plates & Sail Entry	----	19	Z265	----	57
Gooseneck/ Vang Brackets	----	20-21	Z351	----	58
Gooseneck/ Vang Bracket	----	22	Z401	----	59
Backing Plates			Z501	----	60
Gooseneck Tack Bolts	----	23	Z531	----	61
Gooseneck/ Vang Toggles	----	24	Z602	----	62
Gooseneck Assemblies	----	25-26	Z702	----	63
Vang Bracket Assemblies	----	27	Z902	----	64
Cleats	----	28	Z1001	----	65
Shackles	----	29	Z1250	----	66
Sheaves	----	30	<b>Furling Mainsails</b>		
Batten System Cars	----	31	Information about Furling Main	----	67-68
Traveler Cars	----	32	Z300E	----	69
Batten Car Parts	----	32	Z400E	----	70
Boom Cars & Car Bodies	----	33	Z500E	----	72
Track End Parts	----	34	Z602E	----	72
Mast & Boom Tracks	----	35	Z702E	----	73
Climbing Steps, Fairleads & Eyes,	----	36	Z902E	----	74
Spinnaker Diverters	----	37	Z1100E	----	75
Winch Pads	----	37	Z1250E	----	76
Mast & Boom Blocks	----	38-39			

# Table of Contents Cont.

<b>Furling Parts &amp; Diagrams</b>	<b>---- <a href="#">77-76</a></b>
Foil Sections	---- 77
Foil Parts	---- 77
Halyard Swivels	---- 78
Halyard Swivel Parts	---- 79
Drum Z402E-Z532E	---- 80
Drum Z602E-Z902E	---- 81
Drum Z1102E	---- 82
Drum Z1252E	---- 83
Backing Plates	---- 84
<b>Boom Parts &amp; Diagrams</b>	<b>---- <a href="#">85-92</a></b>
Inboard Boom Ends	---- 85
Boom End Parts	---- 86
Boom Bails	---- 87
Boom Vang Bails	---- 87
Misc Boom Parts	---- 88
Outboard Boom Ends	---- 89
Z162-Z362	---- 90
Z482-Z692	---- 91
Outhaul Purchase Drawings	---- 92
<b>Beam Parts &amp; Diagrams</b>	<b>---- <a href="#">93-95</a></b>
Z840 Parts Diagram	---- 93
Bow Sprit Pole Accessories	---- 94
Beam Parts	---- 94
Beam Ends	---- 95
<b>Additional Tips and Link</b>	<b>---- 96</b>

# About Us



When US Spars was created in 1998 its primary purpose was to supply the sailing industry with the very best product and service available. Now in 2018 our philosophy has not changed, we still supply the best product and offer customer service second to none. Along the 20 year Journey we have built outstanding partnerships with the world's largest boat builders, to include Beneteau, Jeanneau, Seaward, Com-Pac, and Island Packet. We very much look forward to helping all the end user customers that all our OEM builders supply. Our spars can be purchased through a dealer or directly with our production facility in Florida.



We would like to thank all of our customers for their valued support and look forward to working with new and old customers in the near future.



**PRIVILEGE YACHT**

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Check us out on

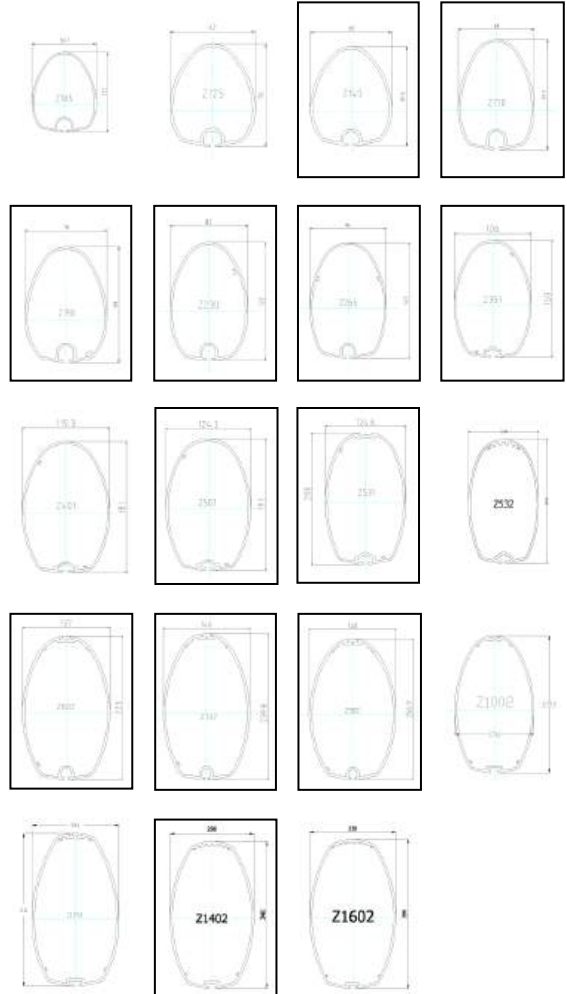
**facebook**



# Current Mast Sections

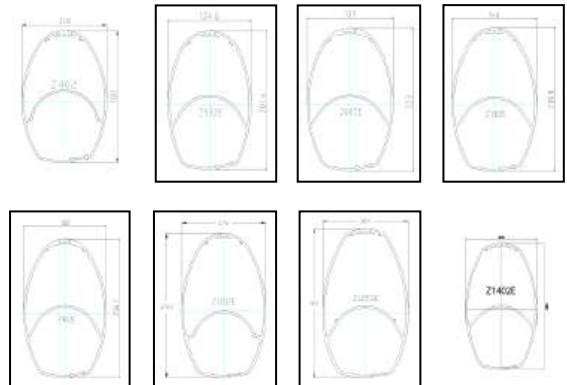
## Classic Sections

Sections	Dimensions (mm)		Inertias (Cm4)		Weight (Kg)	Wall Thickness (mm)
Z105	71.7	56.7	21	14	0.90	
Z125	76	62	33	21	1.25	
Z145	81	68	45	29	1.45	2.1
Z170	98	68	65	33	1.64	1.9
Z190	108	78	94	50	1.92	2
Z230	122	82	143	69	2.29	2.3
Z265	143	96	238	118	2.72	2.2
Z351	160	105	391	173	3.44	2.2
Z401	179	119	601	260	4.10	2.8
Z501	189	125	760	326	4.60	
Z531	201	124	1000	380	5.31	3.3
Z532	201	124	998	380	5.33	3.3
Z602	223	138	1411	518	6.21	3.3
Z702	240	146	1951	726	7.50	3.3
Z902	257	160	2641	1022	8.96	4.3
Z1002	290	175	3677	1452	9.77	4.5
Z1251	310	182	4994	1838	11.76	
Z1402	340	200	7100	2625	13.95	
Z1602	390	230				5.7



## Furling Sections

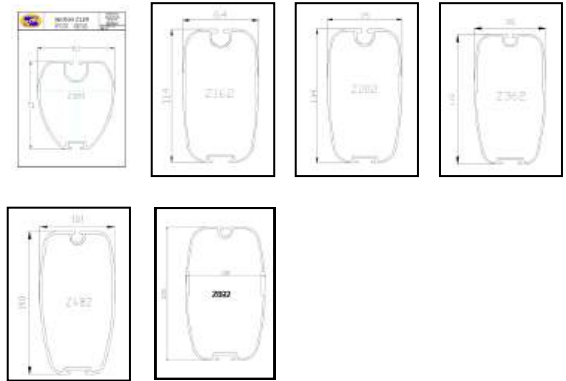
Sections	Dimensions (mm)		Inertias (Cm4)		Weight (Kg)
Z402E	180	118	585	280	4,90
Z532E	201	125	887	409	5,95
Z602E	223	138	1286	544	6,85
Z702E	240	145	1624	731	7,88
Z902E	257	160	2301	1032	9,54
Z1102E	293	176	3550	1526	11,48
Z1253E	310	180	4688	1857	13,18
Z1402E	340	200	6125	2613	14,77
Z1602E	390	230	10198	4414	18,88



# Boom & Spreader Sections

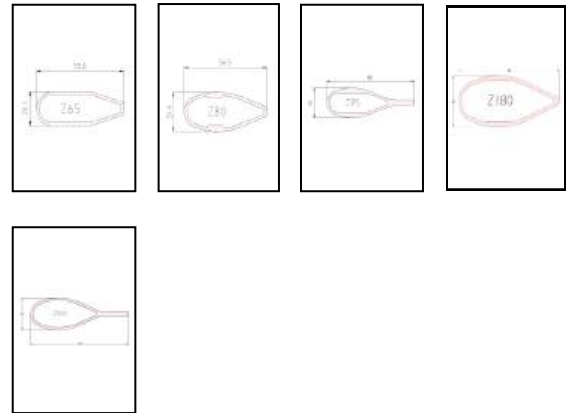
## Boom Sections

Sections	Dimensions (mm)		Inerties (Cm4)		Weight (Kg)
Z120	71	61	45	24	1.21
Z162	114	64	97	37	1.62
Z202	134	75	201	72	2.26
Z362	170	95	445	166	3.40
Z482	190	101	844	323	5.21
Z692	230	138	1630	670	6.90
Z792	250	139	2565	954	8.12



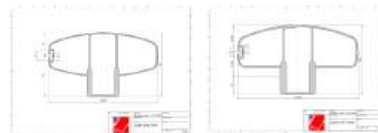
## Spreader Sections

Profils	Dimensions (mm)		Weight (Kg)
Z der	44	9	0.40
Z60	55	20	0.50
Z65	56	21	0.50
Z80	56	25	0.80
Z95	80	25	1.25
Z180	93	40	1.80
Z240	130	40	2.40
Z341	155	49	3.60
Z541	180	60	5.40



## Beam Sections

Sections	Dimensions (mm)		Inerties		Weight (Kg)
Z840	240	140	1229	620	8.70
Z1371	270	155	2427	1146	13.95

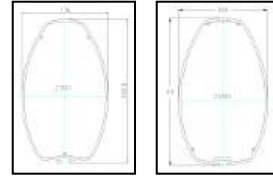


\* Discontinued

# Discontinued Mast & Boom Sections

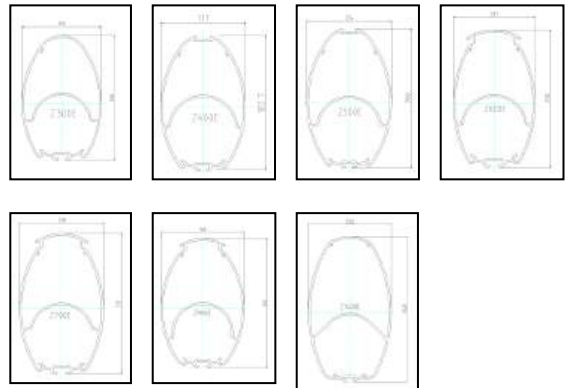
## Classic Sections

Sections	Dimensions (mm)		Inertias (Cm4)		Weight (Kg)
Z301	160	105	343	149	3.02
Z402	179	119	601	260	4.10
Z502	190	125	750	323	4.60
Z1001	290	175	3677	1452	9.80



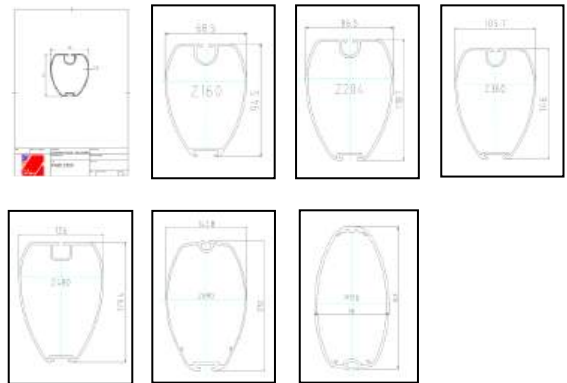
## Furling Sections

Sections	Dimensions (mm)		Inertias (Cm4)		Weight (Kg)
Z300E	160	105	400	162	3,50
Z400E	183	117	585	280	4,90
Z500E	200	124	808	378	5,77
Z600E	220	131	1200	500	6,75
Z700E	231	137	1505	630	7,50
Z800E	243	148			
Z900E	255	160	2240	1014	9,72
Z1100E					
Z1400E	340	200			



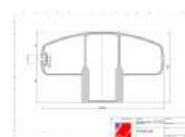
## Boom Sections

Sections	Dimensions (mm)		Inertias (Cm4)		Weight (Kg)
Z120	71	61	45	24	1.20
Z160	94	68	64	30	1.56
Z204	118	86	153	73	2.28
Z360	145	105	332	156	3.29
Z480	180	125	730	324	4.82
Z690	232	142	1661	463	6.24
P710	246	134	2311	710	8.30

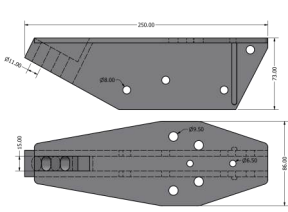


## Beam Sections

Sections	Dimensions (mm)		Inertias		Weight (Kg)
Z1370	270	155	2427	1146	13.95



# Mastheads for Masthead Rigs



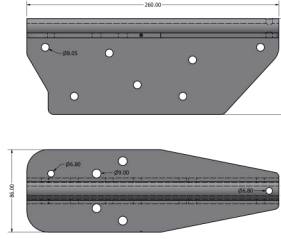
**#1001**

Z170-Z230 Masthead  
Complete [#3296](#)



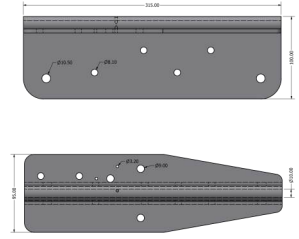
**#1001A**

Z170-Z230 Masthead  
Complete [#3296B](#)



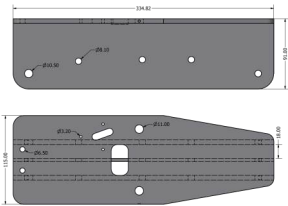
**#4786**

Z230/Z230E Masthead  
Complete [#3643](#)



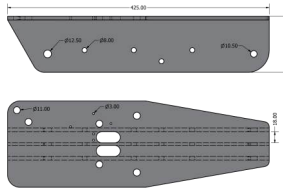
**#4794**

Z265 Masthead  
Complete [#3977](#)



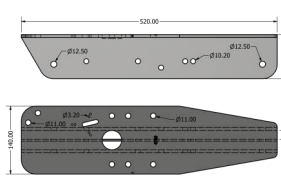
**#4799**

Z300E/Z351 Masthead  
Complete [#3337B](#) for Z300E  
Complete [#3292B](#) for Z351



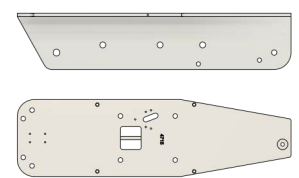
**#4711**

Z400E-Z532 Masthead  
Complete [#3919](#) for Z401-Z531  
Complete [#3920](#) for Z402E-Z532E



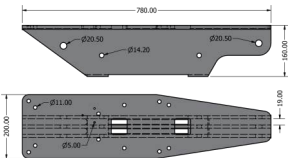
**#4709**

Z600E-Z702 Masthead  
Complete [#3911](#) for Z602  
Complete [#3913](#) for Z602E  
Complete [#3922](#) for Z702  
Complete [#3642](#) for Z702E



**#4715**

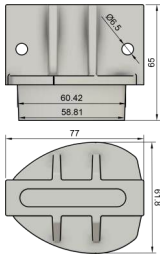
Z902-Z1100E Masthead  
Complete [#3258](#) for Z902  
Complete [#3260](#) for Z902E  
Complete [#3278](#) for Z1001  
Complete [#3372](#) for Z1100E



**#4776**

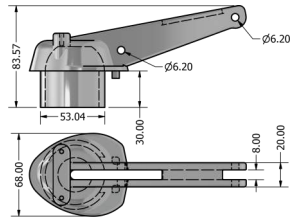
Z1400 Masthead  
Complete [#3258](#) for Z902  
Complete [#3260](#) for Z902E  
Complete [#3278](#) for Z1001  
Complete [#3372](#) for Z1100E

# Mastheads for Fractional Rigs



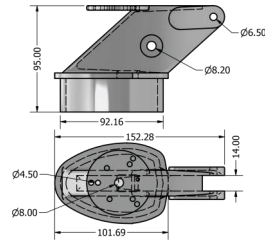
#1020

Z125 Masthead 7/8  
Complete #3300



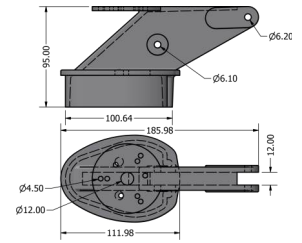
#1013

Z145 Masthead 7/8  
Complete #3299



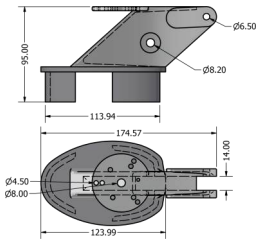
#1011

Z170 Masthead 7/8  
Complete #3298



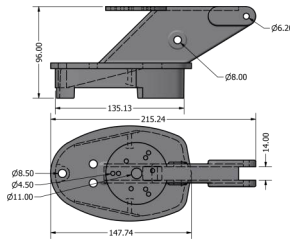
#1012

Z190 Masthead 7/8  
Complete #3297



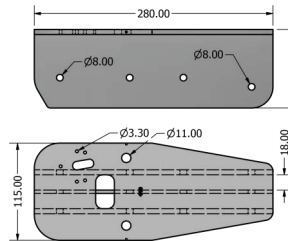
#1014

Z230 Masthead 7/8  
Complete #3295



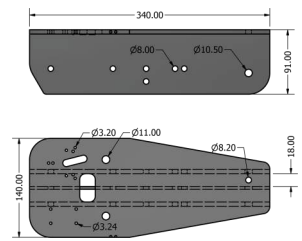
#1015

Z265 Masthead 7/8  
Complete #3294



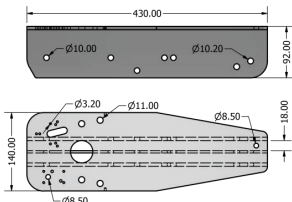
#4793

Z351 Masthead 7/8  
Complete #3947



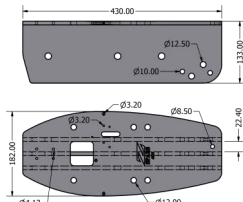
#4712

Z401-Z532E Masthead 7/8  
Complete #3918 for Z402E-Z532E  
Complete #3917 for Z401-Z501



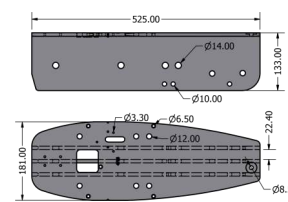
#4710

Z602-Z702E Masthead 7/8  
Complete #3912 for Z602  
Complete #3921 for Z602E  
Complete #3664 for Z701/Z702  
Complete #3659 for Z702E



#4717

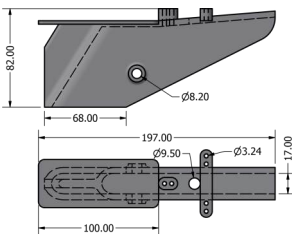
Z902-Z902E Masthead 7/8  
Complete #3248 for Z901/Z902  
Complete #3262 for Z902E



#4716

Z1002-Z1251 Masthead 7/8  
Complete #3373 for Z1002  
Complete #3374 for Z1102E  
Complete #3377 for Z1251  
Complete #3459 for Z1253E

# Mastheads for Tapered Masts (Frontal)

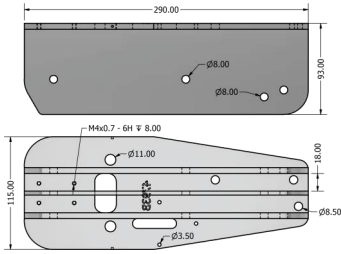


#1002

Z145-Z230 Masthead Tapered

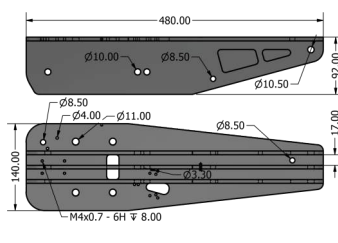


# Mastheads for Tapered Masts (Lateral)



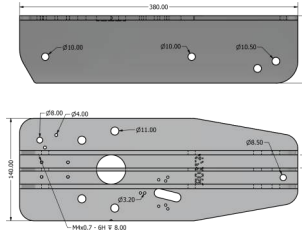
#4793B

Z351  
Masthead Tapered  
Complete #3366A



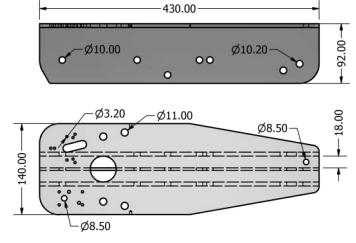
#4712E

Z401/Z501/Z532  
Masthead Tapered  
Complete #3254A



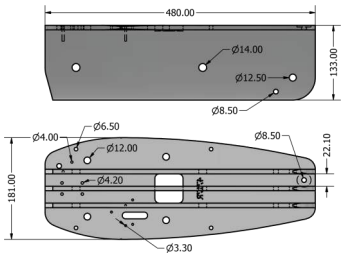
#4710R

Z602  
Masthead Tapered  
Complete #3349A



#4710

Z702  
Masthead Tapered  
Complete #3317A



#4717R

Z902-Z1002  
Masthead Tapered  
Complete #3021A

# Masthead J-Bolts



#1643

Masthead J-Bolt  
8 mm



#1645

Masthead J-Bolt  
10 mm

# Masthead Toggles



[#5621](#)

Masthead Toggle  
10mm Pin



[#5723](#)

Masthead Toggle  
10 mm Pin



[#114](#)

Masthead Toggle  
12.5 mm Pin



[#5640](#)

Masthead Toggle  
16mm Pin



[#1247](#)

Masthead Toggle  
16 mm Pin



[#4702](#)

Masthead Toggle  
20 mm Pin



[#5828](#)

Clevis Pin Used for  
#5621 & #5723  
M10x21



[#113](#)

Clevis Pin Used for  
#114  
M12x26



[#1312](#)

Clevis Pin Used for  
#5640 & #1247  
M16x31

# Masthead Pins



[#1278](#)

Clevis Pin  
M6x22



[#1297](#)

Clevis Pin  
M6x30



[#5823](#)

Clevis Pin  
M8x24



[#5824](#)

Mark Pin  
M8x24



[#1253](#)

Clevis Pin  
M8x28



[#1329](#)

Pin  
M8x39



[#1330](#)

Pin  
M10x40



[#5837](#)

Mark Pin  
M10x52



[#5889](#)

Clevis Pin  
M10x53



[#1309](#)

Pin  
M14x70



[#1311](#)

Pin  
M14x70



[#1294](#)

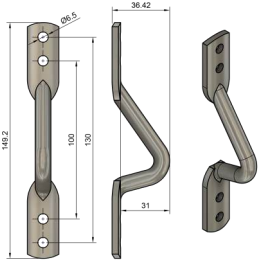
Pin  
M14x73



[#1331](#)

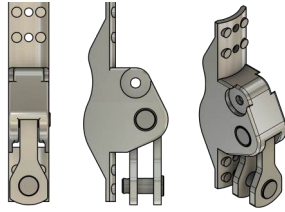
Pin  
M16x33

# Forestay Tangs



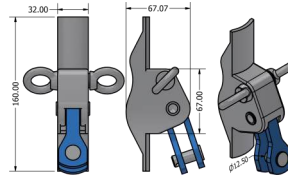
#4090

Forestay Tang  
[#3966a](#) - 4mm w/ 8mm Pin  
[#3966](#) - 5-6mm w/ 10mm Pin



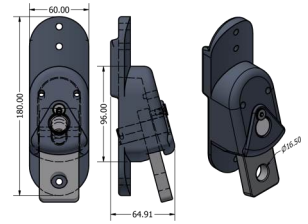
#3022

Forestay Tang  
 7-8mm Wire



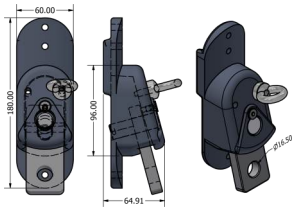
#3049

Forestay Tang w/ Spi Fairlead  
 7-8mm Wire



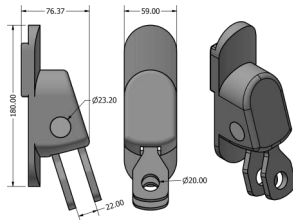
#3338

Forestay Tang  
 10-12mm Wire  
 for 16mm Pin



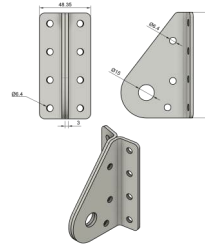
#3898

Forestay Tang w/ Spi Fairlead  
 10-12mm Wire  
 for 16mm Pin



#3653

Forestay SS Tang  
 12mm Wire  
 for 19mm Pin



#5059

Forestay SS Tang  
 for 15mm Pin

# Stemball Backing Shells



#423

Backing Shells  
3mm/4mm



#428

Backing Shells  
5mm/6mm



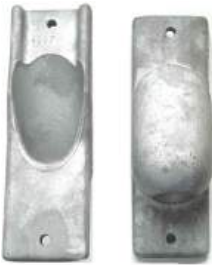
#424

Backing Shells  
7mm/8mm



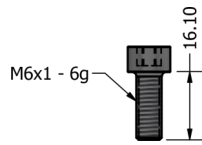
#426

Backing Shells  
8mm/10mm



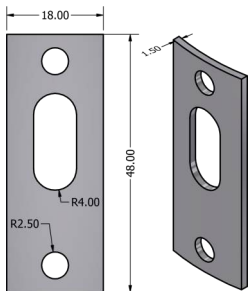
#4097

Backing Shells  
10mm/12mm



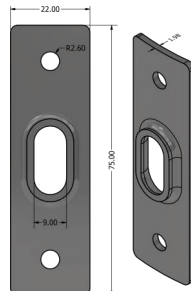
#98 - Screw

# T-Terminal Backing Plates



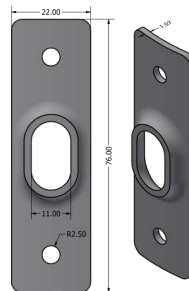
#1632

T3 Backing Plate SP  
Complete #3265



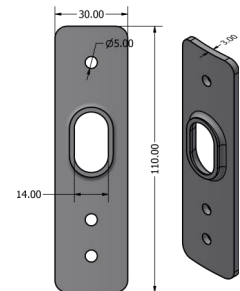
#1620

T3-T4 Backing Plate  
Complete #3266



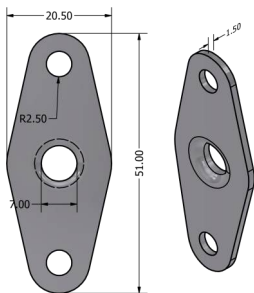
#1621

T5 Backing Plate  
Complete #3267



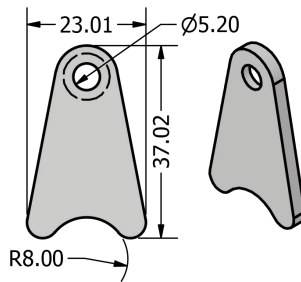
#1622

T6-T7 Backing Plate  
Complete #3268



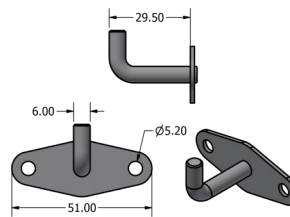
#1650

3mm Cover Plate  
Complete #3266



#4574

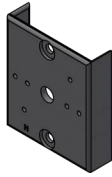
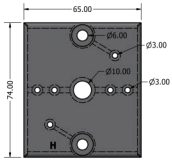
T4/5/6 Cover Plate



#3343

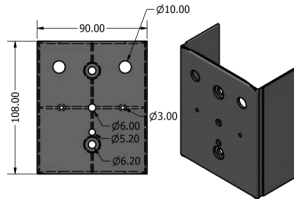
Running Say Lock

# Light Accessories



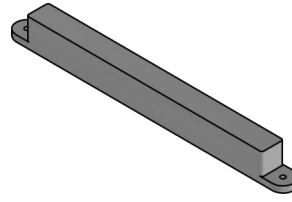
**#3551**

**Light Bracket  
Series 25**



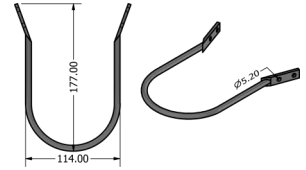
**#3552**

**Light Bracket Kit  
Series 40**



**#1522**

**Cockpit Boom  
Light Bracket**

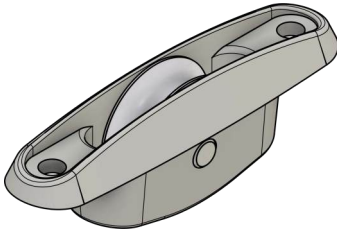


**#149**

**Light Guard  
Steaming**

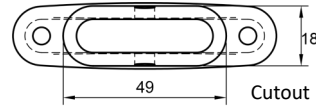


# Delrin Sheave Boxes



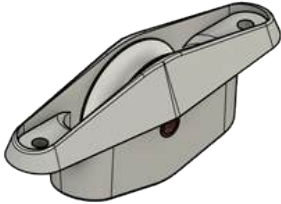
28mm Sheave Box  
Small Delrin

Complete [#3032](#)  
Body [#1768](#)  
Sheave [#1614](#)  
Pin [#1259](#)



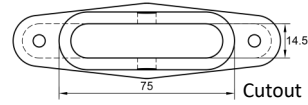
28mm Sheave Box  
Cast w/ Alum Sheave

Complete [#3030](#)  
Body [#1056](#)  
Sheave [#1610](#)  
Pin [#1259](#)



45mm Sheave Box  
Medium Delrin

Complete [#3034](#)  
Body [#1769](#)  
Sheave [#1616](#)  
Pin [#1261](#)



45mm Sheave Box  
Delrin w/ Alum Sheave

Complete [#3035](#)  
Body [#1769](#)  
Sheave [#1728](#)  
Pin [#1261](#)



[#1458](#)  
Sheave Box  
Large  
60mm



[#3033](#)  
Sheave Box  
Large  
Assembly  
60mm

# Cast Aluminum Sheave Boxes



[#1058](#)  
Sheave Box  
Medium  
60mm



[#3882](#)  
Sheave Box  
Small  
Assembly  
40mm



[#1060](#)  
Sheave Box  
Large  
80mm



[#3036](#)  
Sheave Box  
Medium  
Assembly  
60mm



[#4085](#)  
Sheave Box  
X-Large  
110mm

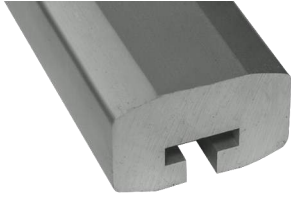


[#3028](#)  
Sheave Box  
Large  
Assembly  
80mm

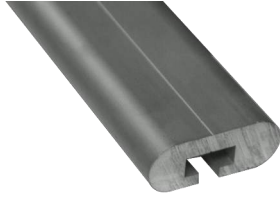


[#3890](#)  
Sheave Box  
X-Large  
Assembly  
110mm

# Spreader Bars & Mounting Hardware



Z180 / Z240



Z65 / Z80 / Z95

Z180 / Z240

- 0° — [#5040](#)
- 10° — [#5041](#)
- 15° — [#5042](#)
- 20° — [#5043](#)
- 25° — [#5044](#)
- 30° — [#5081](#)

Z65 / Z80 / Z95

- 0° — [#5095](#)
- 5° — [#5088](#)
- 10° — [#5089](#)
- 15° — [#5090](#)
- 20° — [#5091](#)
- 25° — [#5093](#)
- 30° — [#5092](#)



Z180 / Z240

[#3411](#)



Z65 / Z80 / Z95

[#12558](#)

# Spreader Plates



[#5096](#)

Z65 / Z80 / Z95  
Mast - Z265  
0° - 15°



[#5085](#)

Z65 / Z80 / Z95  
Mast - Z265  
20° - 30°



[#5097](#)

Z65 / Z80 / Z95  
Mast - Z401—Z501  
0° - 15°



[#5086](#)

Z65 / Z80 / Z95  
Mast - Z401—Z501  
20° - 30°



[#5312](#)

Z180 / Z240  
Mast - Z502  
20°



[#5098](#)

Z65 / Z80 / Z95  
Mast - Z531  
0° - 15°



[#5106](#)

Z65 / Z80 / Z95  
Mast - Z531  
25°



[#5087](#)

Z65 / Z80 / Z95  
Mast - Z531  
20° - 30°



[#4911](#)

Z180 / Z240  
Mast - Z602 - Z902  
0° - 15°



[#5244](#)

Z180 / Z240  
Mast - Z601 - Z901  
20°



[#4912](#)

Z180 / Z240  
Mast - Z602 - Z902  
20° - 30°



[#4950](#)

Z180 / Z240  
Mast - Z1001  
0° - 15°



[#4914](#)

Z180 / Z240  
Mast - Z1001  
20° - 30°

# Wrap-around Spreader Brackets



[#4052](#)

Z145



[#4118](#)

Z170



[#4130](#)

Z190



[#4131](#)

Z230

# Continuous Spreader Tips



#3112

Dinghy  
Spreader Tip



#3113

Z60  
Spreader Tip



#3114

Z95 Taper / Z80 / Z65  
Spreader Tip



#3802

Z95  
Spreader Tip



#3115

Z240 Tapered / Z180  
Spreader Tip



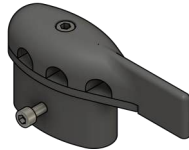
#3109

Z240 Tapered / Z180  
Spreader Tip



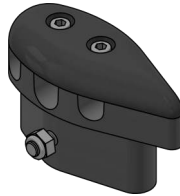
#3803

Z240  
Spreader Tip



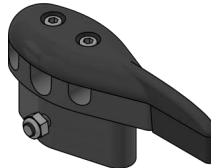
#3822

Z240  
Spreader Tip



#3026a

Z341 Tapered  
Spreader Tip



#3025a

Z341  
Spreader Tip

# Discontinuous Spreader Tips



#3527

Z60 6/8  
Spreader Tip



#3538

Z65 / Z80 6/8  
Spreader Tip



#3500

Tapered Z95 / Z80 / Z65  
8/10 Spreader Tip



#3110

Tapered Z95 / Z80 / Z65  
8/12 Spreader Tip



#3118a

Tapered Z95 / Z80 / Z65  
10/12 Spreader Tip



#3804

Z95 8/10  
Spreader Tip



#3805

Z95 8/12  
Spreader Tip



#3438

Tapered Z240 / Z180  
10/12 Spreader Tip



#3378

Tapered Z240 / Z180  
12/16 Spreader Tip



#3448

Z240 10/16  
Spreader Tip



#3806

Z240 12/16  
Spreader Tip



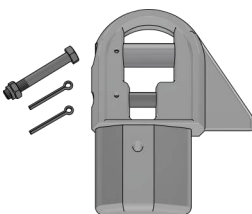
#3829

Z240 B&R 12/16  
Spreader Tip



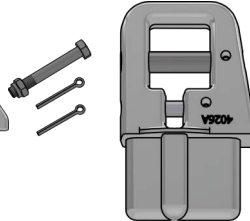
#3807

Z240 12/19  
Spreader Tip



#3823

Z240 B&R 12/19  
Spreader Tip



#3999

A341 12/16 Tapered  
Spreader Tip



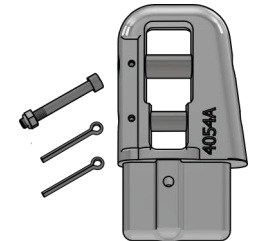
#3748

A341 12/19 Tapered  
Spreader Tip



#3767

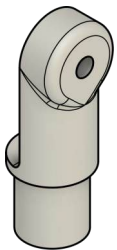
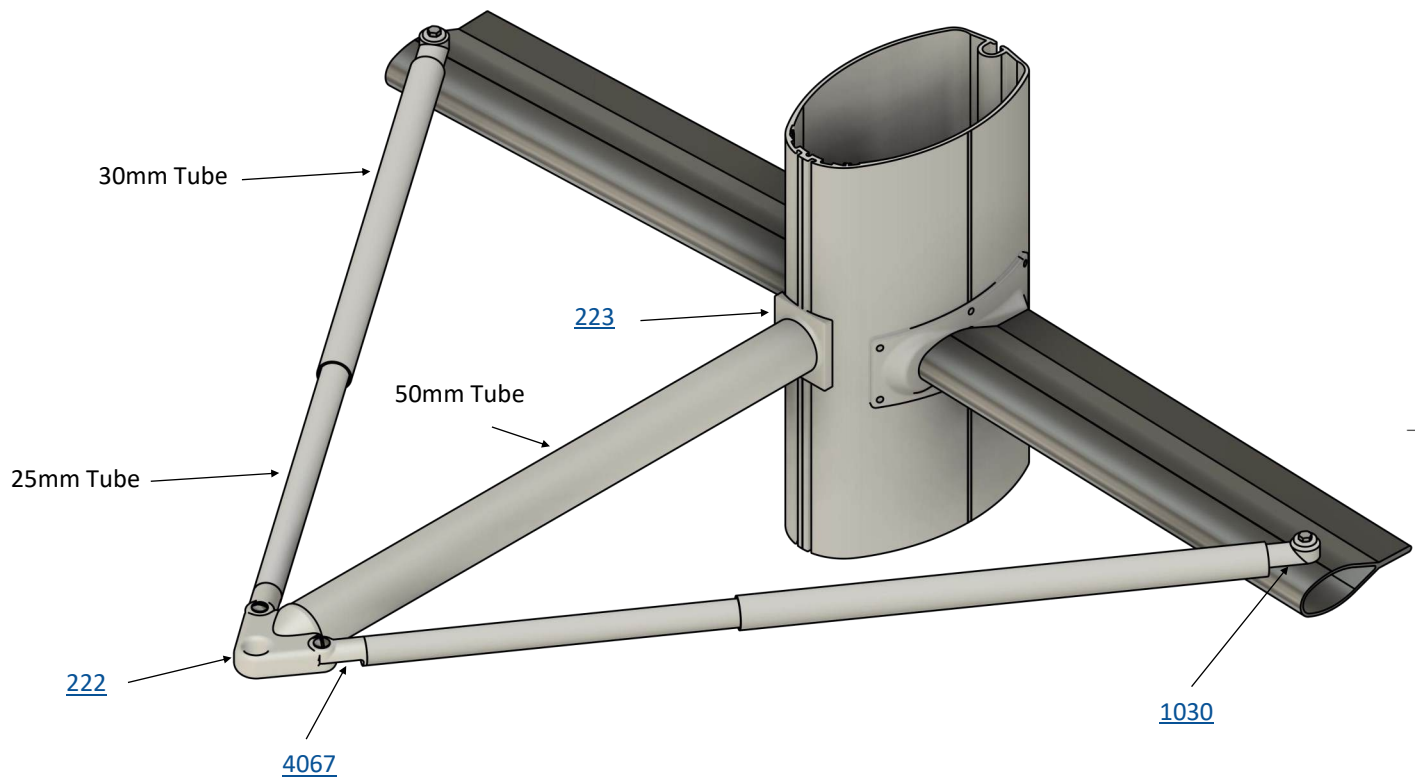
A341 16/19 Tapered  
Spreader Tip



#3043a

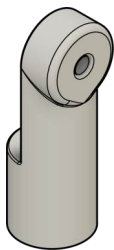
A341 B&R 16/19 Tapered  
Spreader Tip

# Strut Layout



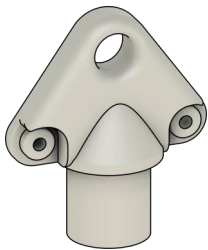
#1030

25mm Strut Tube  
End



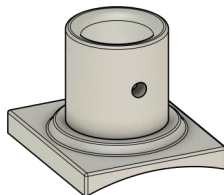
#4067

30mm Strut Tube  
End



#222

Forward Strut  
Connection



#223

Strut Bracket

## Halyard Exits



**#1241**  
Halyard Exit  
Small SS



**#1242**  
Halyard Exit  
Large SS



**#1630**  
Halyard Exit  
Small Delrin



**#1692**  
Halyard Exit  
Large Delrin

## Cover Plates

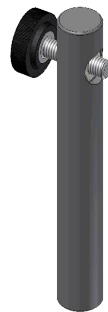
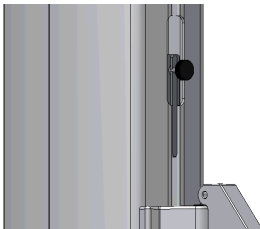


**#4397**  
Access Plate  
Delrin  
Small

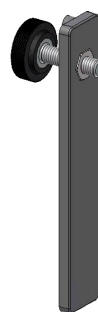


**#4398**  
Access Plate  
Delrin  
Large

## Sail Entry



**#3495**  
Sail Stopper  
Z190-Z265 &  
Z602-Z902



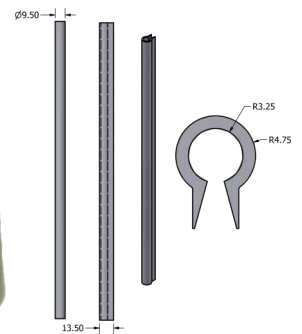
**#3522**  
Sail Stopper  
Z301-Z501



**#3520**  
Sail Stopper  
Z1001-Z1600



**#3085**  
Sail Entry



**#5144a**  
Sail Protective  
Sleeve



# Gooseneck / Vang Brackets



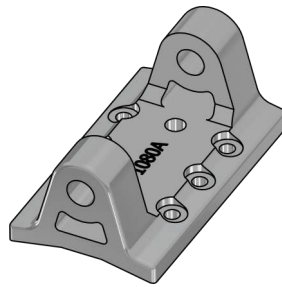
**#4063**

Mast - Z145-Z351  
Boom - Z160/162/  
202/204



**#4430P**

Mast - Z145-Z351  
Boom - Z160/162/  
202/204



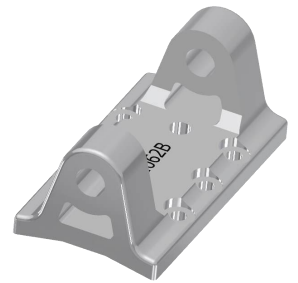
**#1080a**

Mast - Z351  
Boom - Z360



**#1062a**

Mast - Z401-Z601  
Boom - Z360



**#1062b**

Mast - Z351  
Boom - Z360



**#1063**

Mast - Z400E-Z600E  
Boom - Z360E



**#4008**

Mast - Z600E-Z900E  
Boom - Z360E/Z480E



**#4009**

Mast - Z401-Z901/Z532/  
Z602E-Z902E  
Boom - Z360E/Z480E



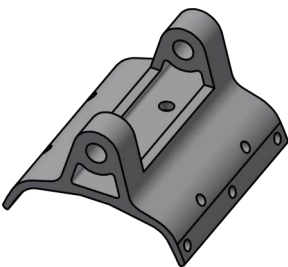
**#4330P**

Mast - Z401-Z901/Z532/  
Z602E-Z902E  
Boom - Z362/Z482



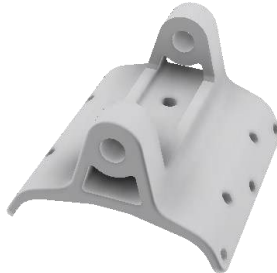
**#4982B**

Mast - Z501  
Boom - Z362/Z482



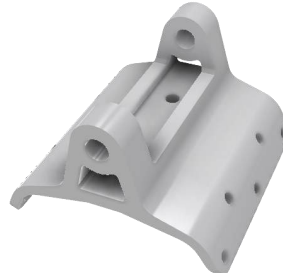
**#4982P**

Mast - Z602  
Boom - Z362/Z482



**#4983P**

Mast - Z702/703  
Boom - Z362/Z482/Z690



**#4981P**

Mast - Z902/Z903  
Boom - Z362/Z482



**#4980P**

Mast - Z902/Z903  
Boom - Z692



**#4978P**

Mast - Z1002  
Boom - Z362/482

## Gooseneck / Vang Brackets Continued...



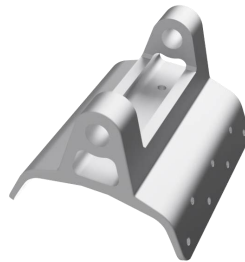
**#4979P**

**Mast - Z1102  
Boom - Z692**



**#1759P**

**Mast - Z1250  
Boom - Z482**



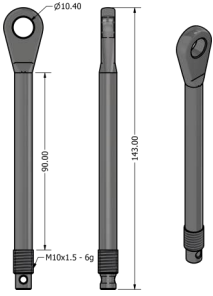
**#4453P**

**Mast - Z1250-Z1400  
Boom - P710**

# Gooseneck / Vang Bracket Backing Plates

**#4979**

# Gooseneck Tack Bolts



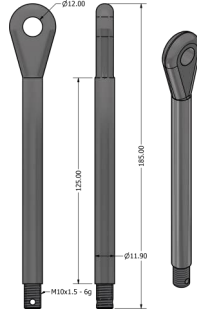
**#5273**

Gooseneck Tack Eye  
Bolt 9mm/  $\phi 10$ mm  
L:143mm



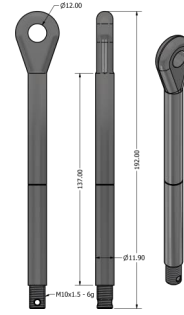
**#4470R**

Gooseneck Tack Eye  
Bolt 12mm/  $\phi 10.5$ mm  
L:180mm



**#4219**

Gooseneck Tack Eye  
Bolt 12mm/  $\phi 12$ mm  
L:185mm



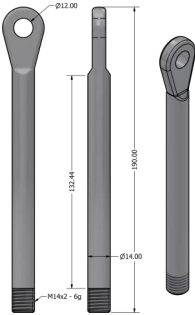
**#4219a**

Gooseneck Tack Eye  
Bolt 12mm/  $\phi 12$ mm  
L:192



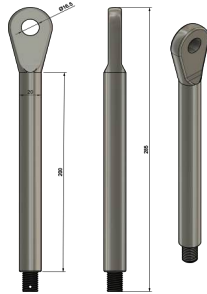
**#5362**

Gooseneck Tack Eye  
Bolt 12mm/  $\phi 12$ mm  
L:261mm



**#4218**

Gooseneck Tack Eye  
Bolt 14mm/  $\phi 12$ mm  
L:190mm



**#5271**

Gooseneck Tack Eye  
Bolt 20mm/  $\phi 16.5$ mm  
L:200mm

# Gooseneck / Vang Toggles



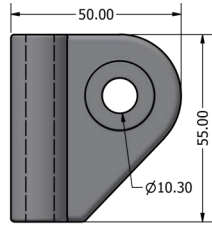
**#561**

Small Vang Toggle  
Mast - Z145-Z351



**#560**

Small Vang Toggle  
Mast - Z145-Z351



**#4066**

Medium Vang Toggle  
Mast - Z145-Z351



**#1219**

Medium Vang Toggle  
Mast - Z401-Z902



**#4938**

Medium/Large Vang  
Toggle  
Mast - Z601-Z1100



**#1178**

Large Vang Toggle  
Mast - Z1001-1253



**#1034**

Gooseneck Toggle  
Mast - Z145-Z351  
Boom - Z160/204



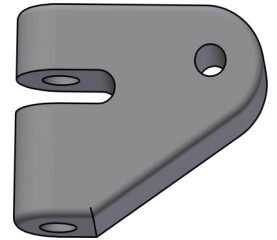
**#1083**

Gooseneck Toggle  
Mast - Z401-Z702  
Boom - Z204/Z360



**#4010**

Gooseneck Toggle  
Mast - Z601-Z1100  
Boom - Z480



**#1085**

Gooseneck Toggle  
Mast - Z602  
Boom - Z480



**#1187**

Gooseneck Toggle  
Mast - Z901-Z1250  
Boom - Z690



# Gooseneck Assemblies



**#3355a**

Mast - Z125-Z351  
Boom - Z120/Z204



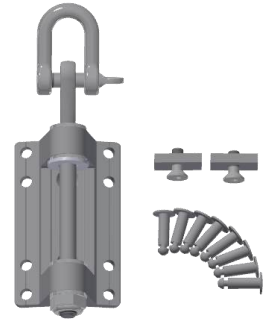
**#3355**

Mast - Z145-Z351  
Boom - Z160/Z204



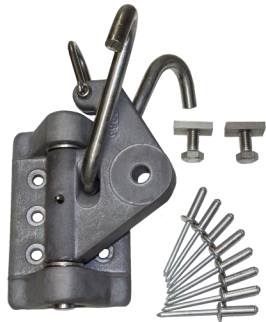
**#3410**

Mast - Z145-Z351  
Boom - Z162/Z202



**#3096**

Mast - Z190-Z351  
Boom - Z162/Z202



**#3352**

Mast -  
Z401/402/501/502/531  
Boom - Z204/Z360



**#3349**

Mast -  
Z300E/400E/500E  
Boom - Z204/Z360



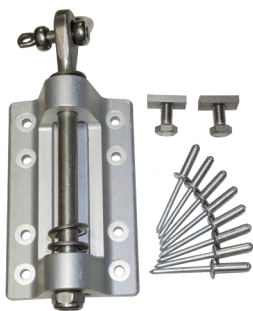
**#3351**

Mast -  
Z600E/700E/900E  
Boom - Z360



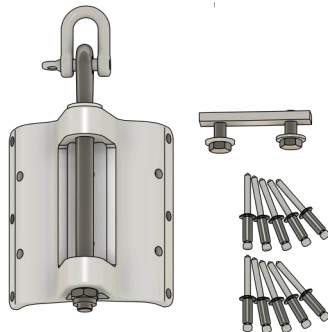
**#3051**

Mast -  
Z401/501/502/531  
Boom - Z362/Z482



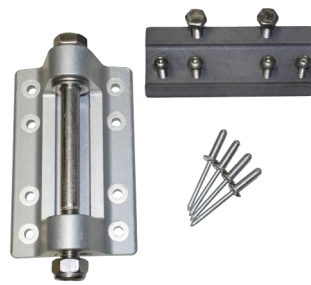
**#3010**

Mast - Z602/702/902  
Boom - Z362/Z482



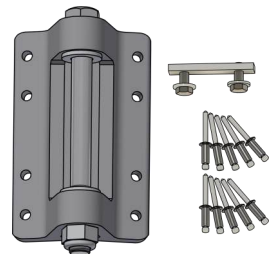
**#3015a**

Mast - Z602  
Boom - Z362/Z482



**#3791**

Mast Peel-out Track-  
Z532/602/702/902  
Boom - Z362E/482E



**#3783**

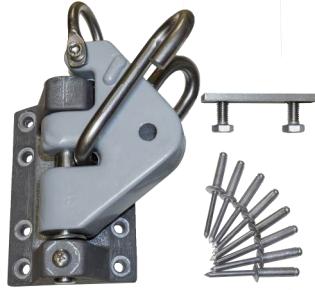
Mast- Z602/702/902  
Boom - Z362E/482E

# Gooseneck Assemblies Continued



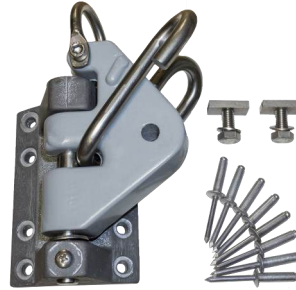
[#3447](#)

Mast - Z703E  
Boom - Z362E/Z382E



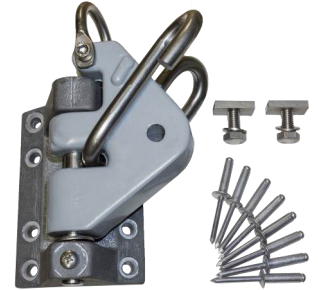
[#3782](#)

Mast - Z600E/700E/900E  
Boom - Z480



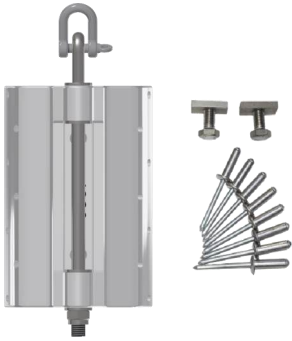
[#3781](#)

Mast - Z601/701  
Boom - Z480



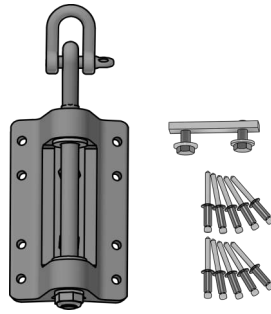
[#3793](#)

Mast - Z901/1001  
Boom - Z480



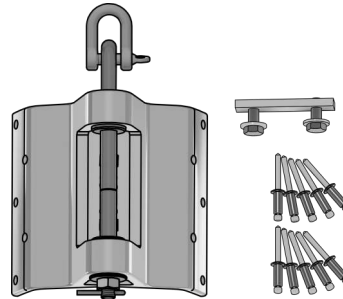
[#3969](#)

Mast - Z902  
Boom - Z692/Z792



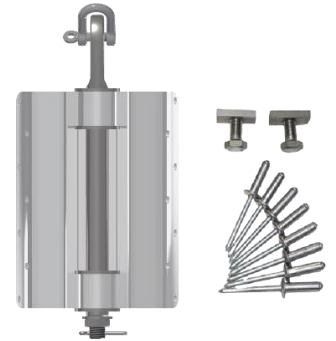
[#3873](#)

Mast - Z1002  
Boom - Z362/Z482



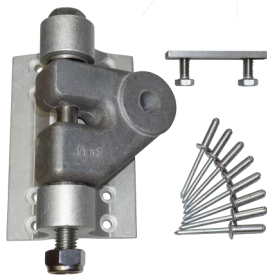
[#3873a](#)

Mast - Z1002  
Boom - Z362/Z482



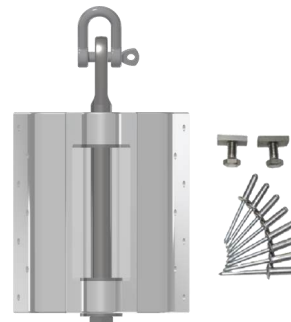
[#3995a](#)

Mast - Z1002  
Boom - Z692/Z792



[#3357](#)

Mast - Z1100E  
Boom - Z690E



[#3387](#)

Mast - Z1100E  
Boom - Z690E

# Vang Bracket Assemblies



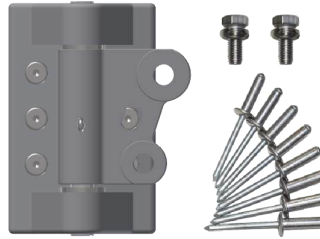
**#3271**

Mast -  
Z145/170/190/230/262  
Vang - Z331  
Small



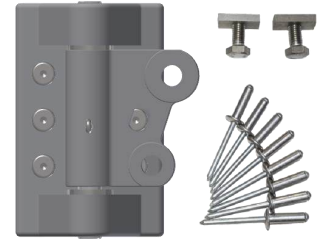
**#3246**

Mast -  
Z145/170/190/230/262  
Vang - Z551  
Medium



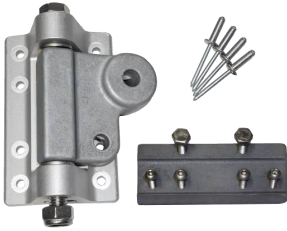
**#3243**

Mast -  
Z300E/400E/500E  
Vang - Z551  
Medium



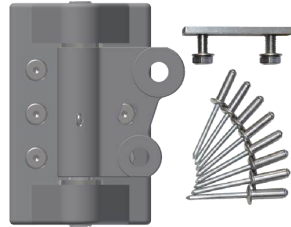
**#3252**

Mast -  
Z401/501/531/601/701  
Vang - Z551  
Medium



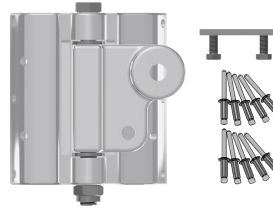
**#3838**

Mast -  
Z532/602/702/902/903  
Vang - Z551/Z711  
Medium & Large



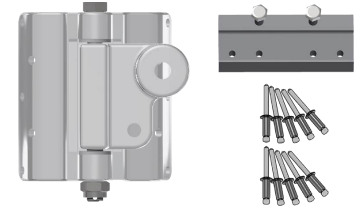
**#3244**

Mast -  
Z600E/700E/900E  
Vang - Z551  
Medium



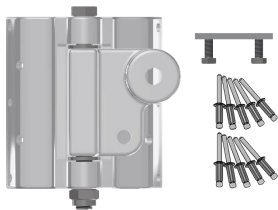
**#3007A**

Mast - Z702  
Vang - Z551/Z711  
Medium & Large



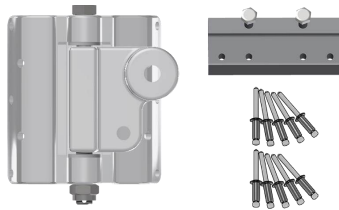
**#3005A**

Mast - Z703E  
Vang - Z551/Z711  
Medium & Large



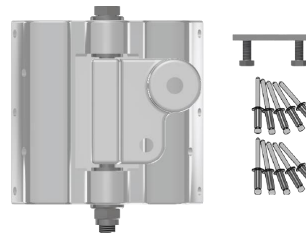
**#3011A**

Mast - Z902  
Vang - Z551/Z711  
Medium & Large



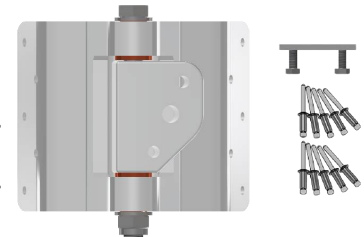
**#3004A**

Mast - Z903E  
Vang - Z551/Z711  
Medium & Large



**#3998**

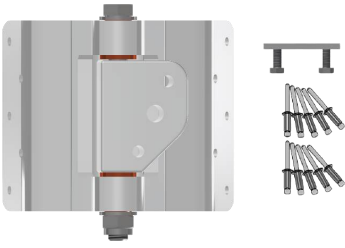
Mast - Z1002  
Vang - Z551/Z711  
Medium & Large



**#3837**

Mast - Z1251  
Vang - Z711  
Large

## Vang Bracket Assemblies Continued...



[#3836](#)

Mast - Z1253E

Vang - Z711

Large

# Cleats



[#1145](#)

120mm Cleat Aluminum



[#1081](#)

170mm Cleat Aluminum



[#1192](#)

200mm Cleat Aluminum



[#4587](#)

120mm Cleat Delrin



[#4586](#)

170mm Cleat Delrin



[#1662](#)

Clam Cleat for 8 to 12mm Rope



[#1126](#)

Clam Cleat Small for < 6mm Rope

# Shackles



**#37 & #155**

Shackle 3mm x 9mm  
x 27mm



**#3210**

Shackle 5mm x  
12mm x 25mm



**#3209**

Shackle 5mm x  
12mm x 30mm



**#1558**

Shackle 5mm x  
20mm x 40mm



**#3168**

Shackle 6mm x  
11mm x 30mm  
(Halyard Shackle)



**#3638**

Shackle 6mm x  
20mm x 50mm



**#3208**

Shackle 6mm x  
35mm x 35mm  
(Tack Shackle)



**#4797**

Shackle 6mm x  
28mm x 45mm



**#4803**

Shackle 8mm x  
16mm x 35mm



**#4930**

Shackle 8mm x  
15mm x 35mm



**#394**

Snap Shackle  
SS 70mm



**#395**

Snap Shackle  
SS 90mm



**#396**

Snap Shackle  
SS 128mm

# Sheaves



**Delrin Sheaves**

Part #	Size D x W x Pin
<a href="#">1615</a>	27 x 8.2 x 13
<a href="#">1613</a>	28 x 6.5 x 6.2
<a href="#">1614</a>	28 x 9.5 x 6
<a href="#">1617</a>	35 x 16 x 8
<a href="#">566</a>	37 x 7 x 10
<a href="#">1616</a>	45 x 13 x 8
<a href="#">1618</a>	60 x 16 x 8
<a href="#">46</a>	60 x 15 x 17
<a href="#">1709</a>	70 x 16 x 10
<a href="#">1708</a>	70 x 16 x 16
<a href="#">1707</a>	80 x 17 x 14
<a href="#">4450</a>	80 x 18 x 25
<a href="#">1636</a>	110 x 18.5 x 14



**Delrin Sheave with Ball Bearings**

Part #	Size D x W x Pin
<a href="#">1619</a>	60 x 16 x 8

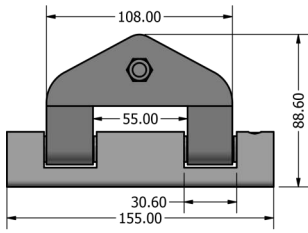


**Aluminum Sheaves**

Part #	Size D x W x Pin
<a href="#">1611</a>	28 x 9.5 x 6
<a href="#">1612</a>	30 x 9.5 x 6.2
<a href="#">1246</a>	35 x 16 x 8
<a href="#">1728</a>	45 x 13 x 8
<a href="#">1767</a>	60 x 16 x 12
<a href="#">1767A</a>	60 x 16 x 17.5
<a href="#">4491</a>	70 x 16.5 x 10.5
<a href="#">4492</a>	110 x 19.5 x 14.5



# Full Batten Cars



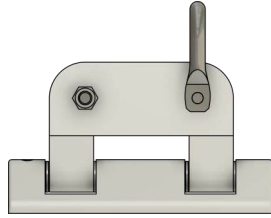
Ball Bearing - [#3489](#)  
Rod Bearing - [#3498](#)

Headboard Car  
for 25mm Track



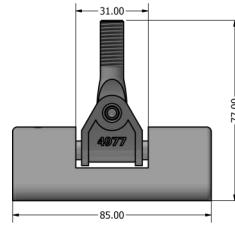
[#3068a](#)

Headboard Car  
for 32mm Track  
Rod Bearing



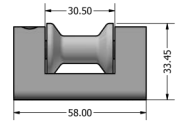
[#3424](#)

Headboard Car  
for 25mm Track



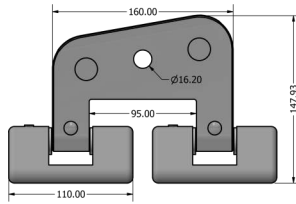
[#3485](#)

Batten Car  
for 25mm Track



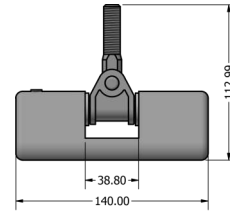
58mm Length - [#3216](#)  
85mm Length - [#3482](#)

Intermediate Car  
for 25mm Track



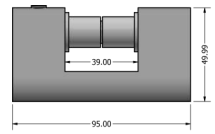
[#3472](#)

Headboard Car  
for 32mm Track  
Rod Bearing



Ball Bearing - [#3857](#)  
Rod Bearing - [#3856](#)

Batten Car  
for 32mm Track



95mm Length - [#3454](#)  
140mm Length - [#3020](#)

Intermediate Car  
for 32mm Track  
Ball Bearing

# Full Batten Slides



[#3086](#)

Headboard Slide  
for Z602 Z702 Z902



[#3080](#)

Batten Slide  
for Z602 Z702 Z902



[#3107](#)

Intermediate Slide  
for Z602 Z702 Z902



[#3081](#)

Headboard Slide  
for Z1001 / Z1250



[#3082](#)

Batten Slide  
for Z1001 / Z1250



[#3108](#)

Intermediate Slide  
for Z1001 / Z1250

# Traveler Cars



#3539

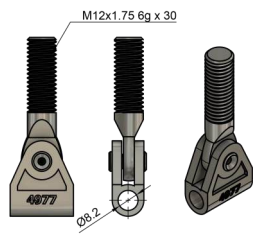
Main Sheet Traveler  
for 25mm Track



#3395

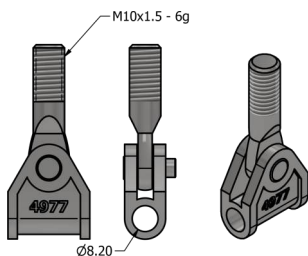
Traveler Pully  
45mm Sheave

# Batten Car Parts



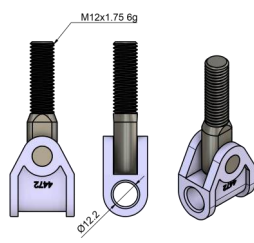
#4977F

Batten Stud Toggle  
12mm Stud



#4977E

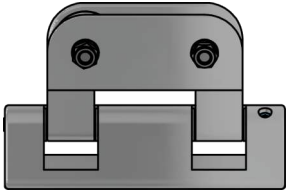
Batten Stud Toggle  
10mm Stud



#4472E

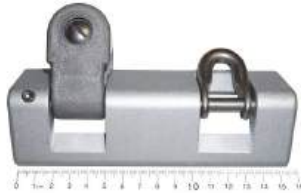
Batten Stud Toggle  
12mm Stud

# Boom Cars



**#3849A**

Large Boom Car  
Z362-Z690  
for 25mm Track



**#3074R**

Large Boom Car  
Z362-Z690  
for 25mm Track



**#3849**

Medium Boom Car  
Z362-Z482  
for 25mm Track

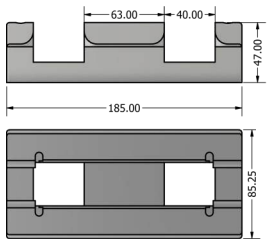


**#3067**

Small Boom Car BB  
Z202-Z362  
for 25mm Track

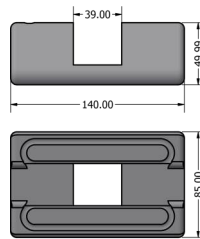
**#3848 - Rod Bearing**

# Car Bodies



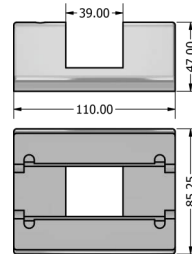
**#4150b**

Large Car Body  
for 32mm Torlon Rods



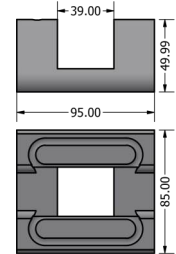
**#4144P**

Medium Car Body  
for 32mm Track - Ball Bearing



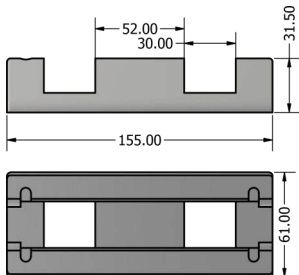
**#4242P**

Medium Car Body  
for 32mm Track - Torlon Rods



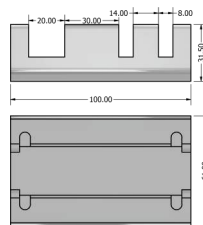
**#4796P**

Small Car Body  
for 32mm Track - Ball Bearing



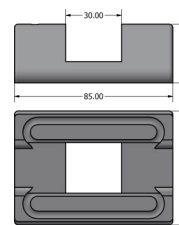
**#4646P**

Large Car Body  
for 25mm Track - Torlon Rods



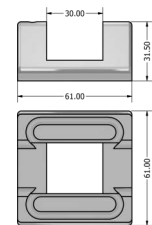
**#4100P**

Medium Car Body  
for 25mm Track - Torlon Rods



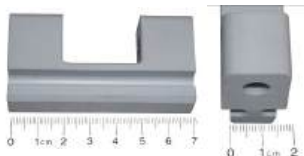
**#4221P**

Medium Car Body  
for 25mm Track - Ball Bearing



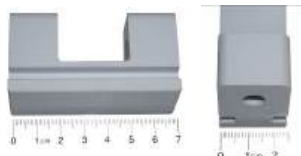
**#4728P**

Small Car Body  
for 25mm Track - Ball Bearing



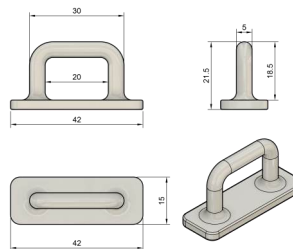
**#1483**

Slider Body  
for Z602 Z702 Z902



**#1497**

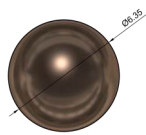
Slider Body  
for Z1001 / Z1250



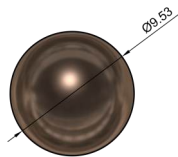
**#1644**

Beam Trampoline  
Slider

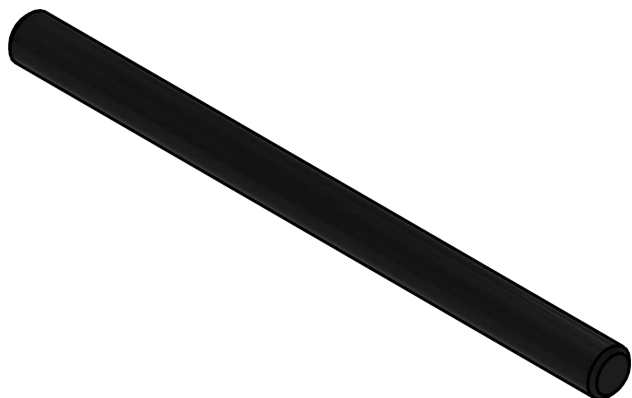
# Car Balls and Rods



[#4515](#)  
Torlon Balls  
Ø6.35mm

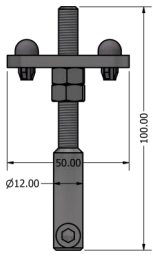


[#4517](#)  
Torlon Balls  
Ø9.53mm



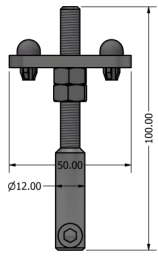
Part #	Dia	Length
<a href="#">4656C</a>	7.9 mm	70 mm
<a href="#">4656E</a>	7.9 mm	85 mm
<a href="#">4656A</a>	7.9 mm	100 mm
<a href="#">4656D</a>	7.9 mm	133 mm
<a href="#">4656</a>	7.9 mm	175 mm
<a href="#">31</a>	8 mm	72 mm
<a href="#">4000C</a>	9.53 mm	95 mm
<a href="#">4000D</a>	9.53 mm	135 mm
<a href="#">77</a>	9.53 mm	135 mm
<a href="#">51</a>	10 mm	130 mm

# Track End Parts



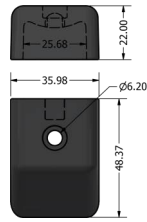
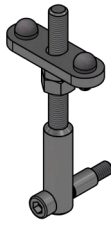
#3144a

Track Stop Kit 25mm



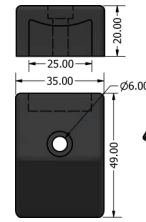
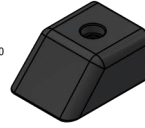
#3121a

Track Stop Kit 32mm



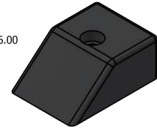
#1138

Track Stop Kit 25mm  
Aluminum

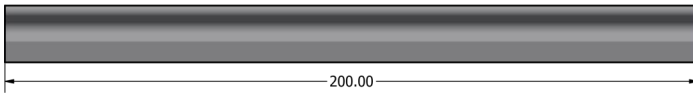


#4588

Track Stop Kit 25mm  
Plastic

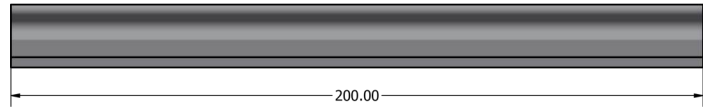
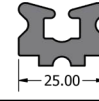


# Track Loader Parts



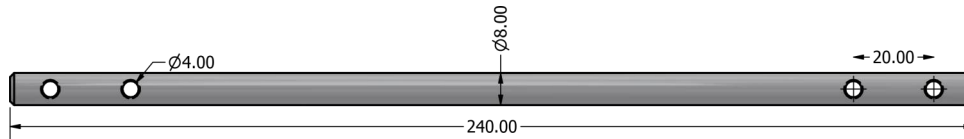
#4164

25mm Loading Track  
for 01 Series Masts



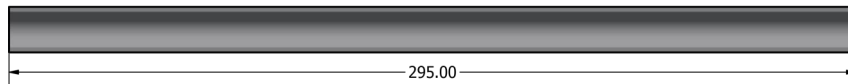
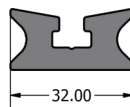
#4171

25mm Loading Track  
for 03 Series Masts



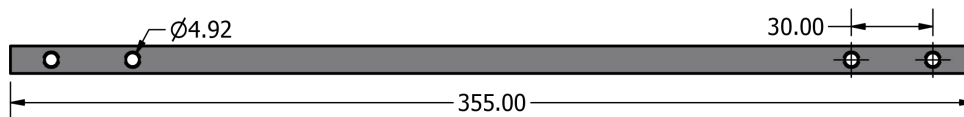
#4165

Track Locking Pin  
for 25mm Track  
Screw - #5883



#4158

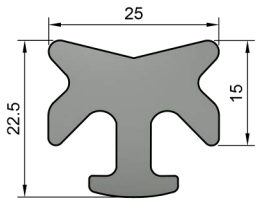
32mm Loading Track



#4163

Track Locking Pin  
for 32mm Track  
Screw - #5931

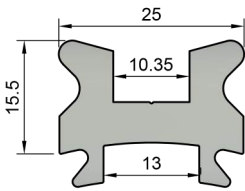
# Boom Tracks



#733

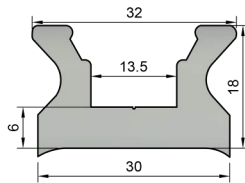
25mm Boom Track

# Spinnaker Tracks



#666

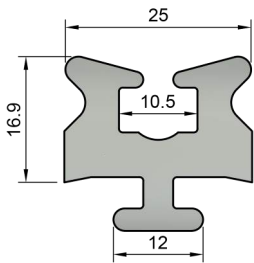
25mm O2 Series Mast Spinnaker Track



#943

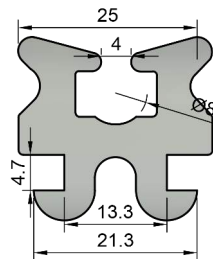
32mm Rivet on Track Z901-Z1400

# Batten Tracks



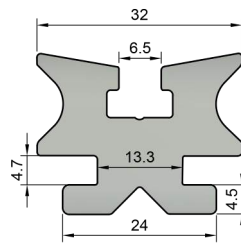
#932

25mm Batten Track Z401-Z902



#934

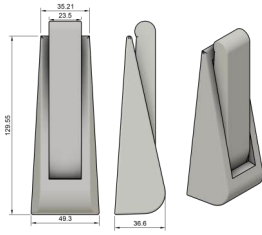
25mm Batten Track Z1001



#663

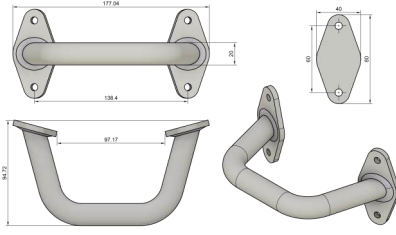
32mm Track Z1001-Z1600

# Mast Climbing Step



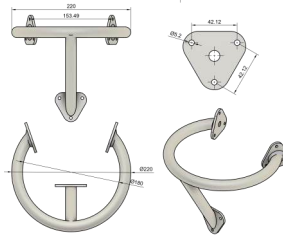
#3628

Mast Climbing Step



#4956

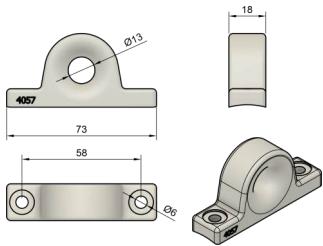
Mast Climbing Step



#3587

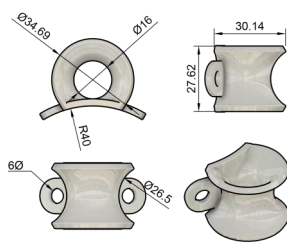
Mast Climbing Step

# Fairleads and Eyes



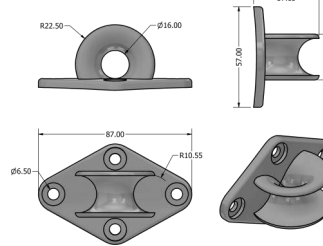
#4057

Fairlead



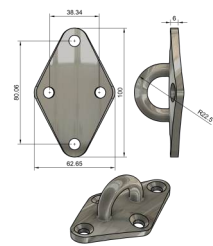
#4976

Fairlead



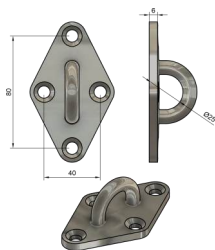
#1665

Fairlead



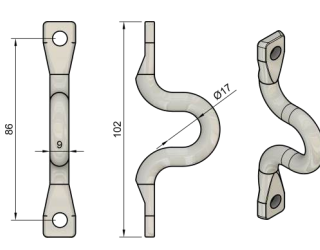
#4114

Curved Deck Eye Large



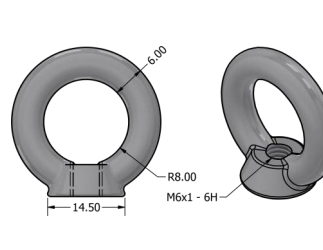
#5341

Deck Eye Large



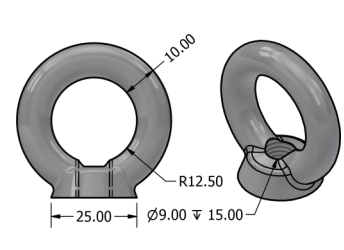
#3671

Cut-in Eye



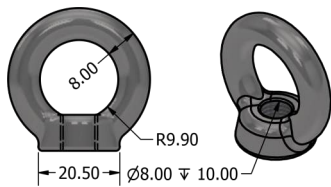
#537

6mm Eye Nut



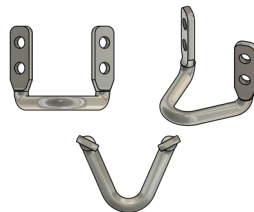
#553

10mm Eye Nut



#535

8mm Eye Nut

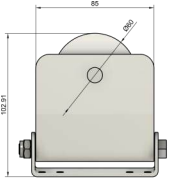


#5079

Fairlead Z190-Z265

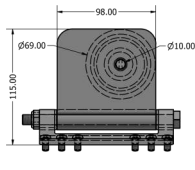
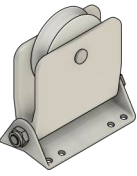


# Spinnaker Diverters



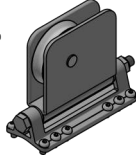
#3340

Spinnaker Diverter

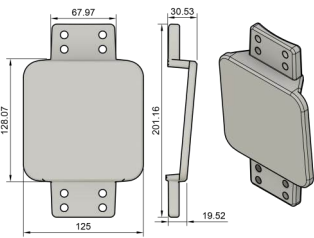


#3342

Spinnaker Diverter  
LG450

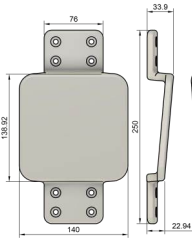
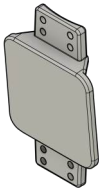


# Winch Pads - Side



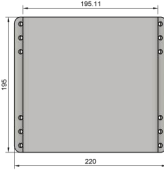
#1077

Medium Side Winch Pad



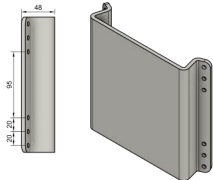
#1088

Large Side Winch Pad

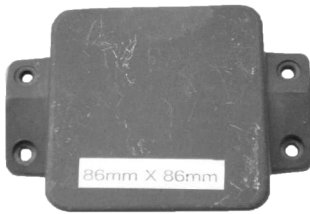


#151

X-Large Side Winch Pad

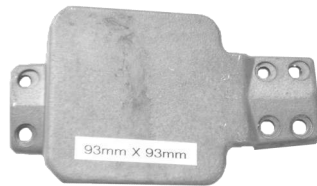


# Winch Pads - Rear



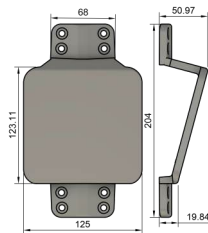
#1086

Small Rear Winch Pad



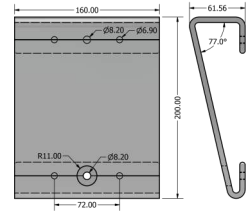
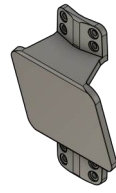
#1082

Medium Rear Winch Pad



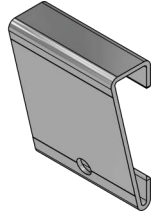
#1087

Large Rear Winch Pad



#152

X-Large Rear Winch Pad



## 28mm Blocks



[#250](#)

Base Block



[#251](#)

Hanger Block



[#252](#)

Cheek Block



[#253](#)

Becket Block

## 45mm Blocks



[#261](#)

Base Block



[#264](#)

Hanger Block



[#266](#)

Swivel Block



[#269](#)

Fiddle Jam Block



[#300](#)

Swivel Base Block

## 60mm Blocks



[#277](#)

Hanger Block



[#279](#)

Swivel Block



[#301](#)

Swivel Base Block



[#275](#)

Base Block



[#1589](#)

EZP Block



[#4899](#)

EZP Base Block

## 80mm Blocks



#302

Swivel Base Block



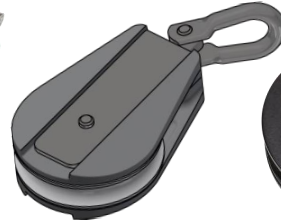
#288

Base Block



#290

Hanger Block



#292A

Swivel Block



#4329

EZP Block



#4898

EZP Swivel Base Block

## Cheek Blocks

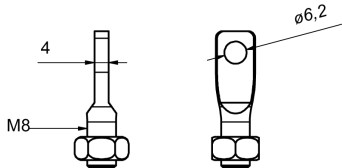


#3674

45mm Alum Cheek Block  
Standard Masts

## Base Studs

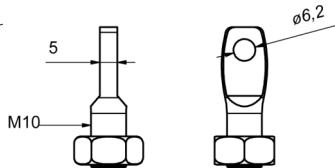
Réf 3412



#3412

Base Stud M8 w/ Ø6.2mm

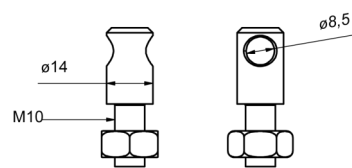
Réf 3413



#3413

Base Stud M10 w/ Ø6.2mm

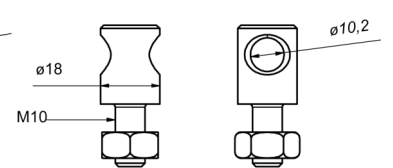
Réf 3414



#3414

Base Stud M10 w/ Ø8.5mm  
#3414A - Short

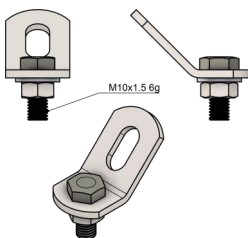
Réf 3415



#3415

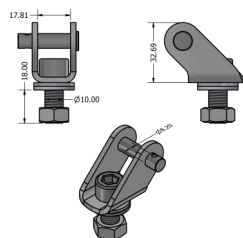
Base Stud M10 w/ Ø10.2mm

## Base Toggles



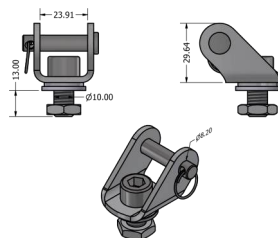
#1565E

Base Bracket



#5877E

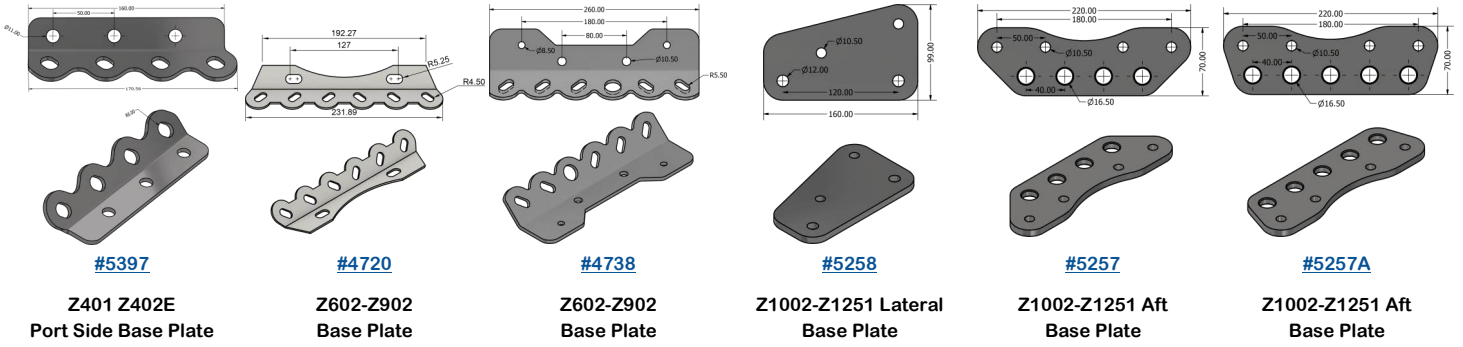
Base Toggle 17mm



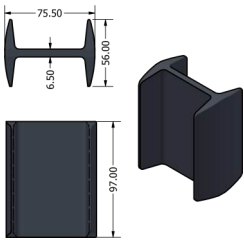
#5876E

Base Toggle 22mm

# Base Plates



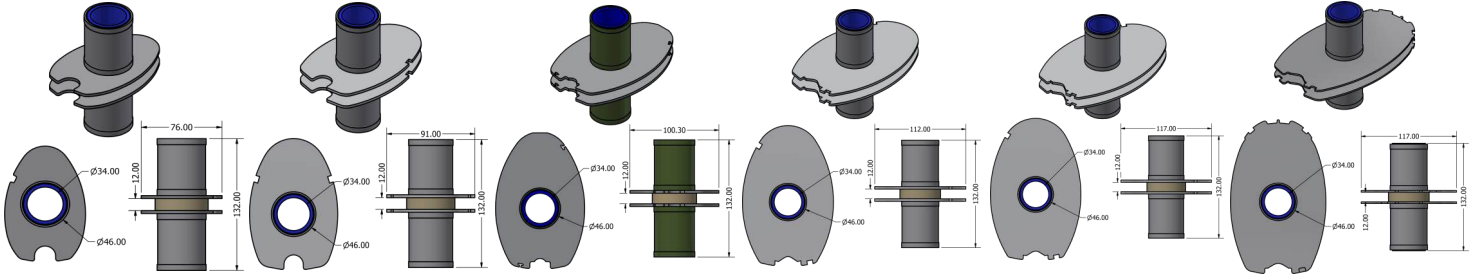
# Deck Collar Reinforcement



**#4074**

**Z230 Deck Collar Reinforcement**

# Internal Sealing



#3733

Z230 Water Seal

#3718

Z265 Water Seal

#3709

Z301/Z351 Water Seal

#3710

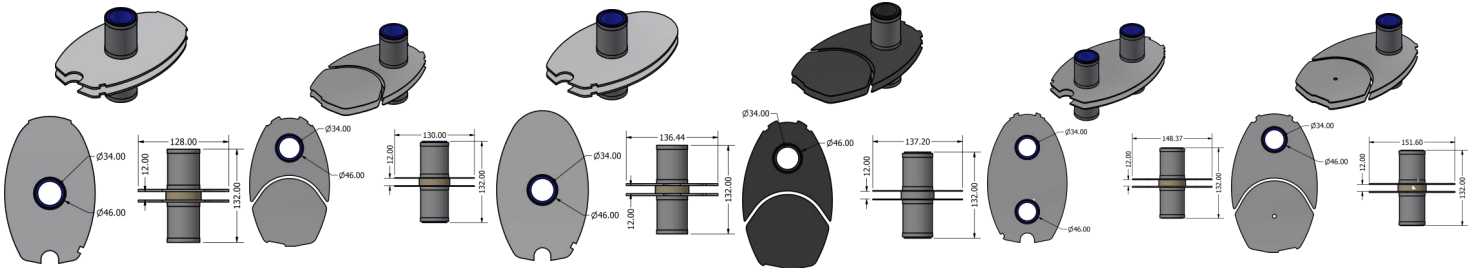
Z401 Water Seal

#3711

Z501 Water Seal

#3712

Z532 Water Seal



#3865

Z602 Water Seal

#3180a

Z602E Water Seal

#3714

Z702 Water Seal

#3181a

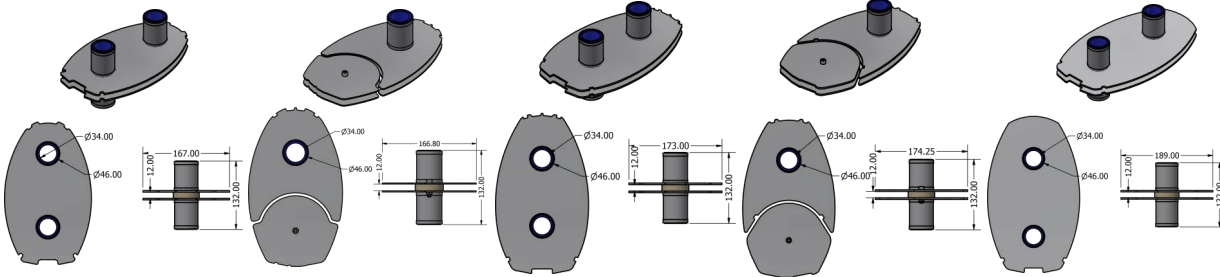
Z703E Water Seal

#3058a

Z902 Water Seal

#3079a

Z903E Water Seal



#3945

Z1002 Water Seal

#3182a

Z1102E Water Seal

#3727

Z1251 Water Seal

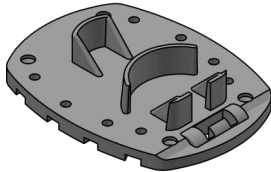
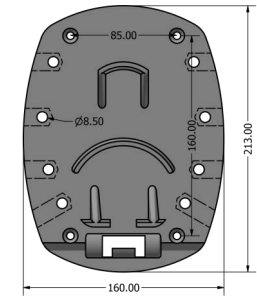
#3704

Z1253E Water Seal

#3891

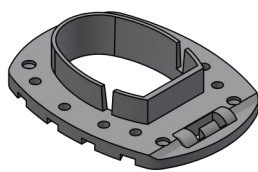
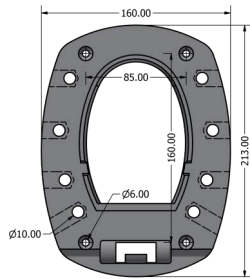
Z1402 Water Seal

# Mast Steps



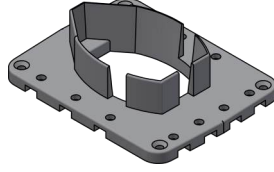
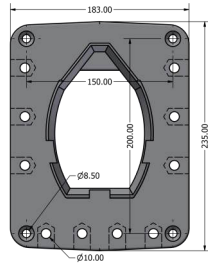
#4006

Z265 Mast Step



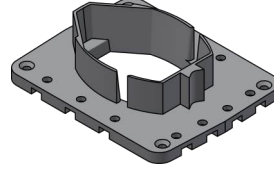
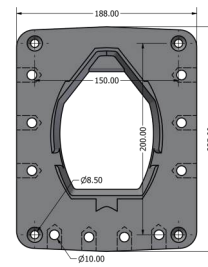
#1103

Z301-Z351 Mast Step



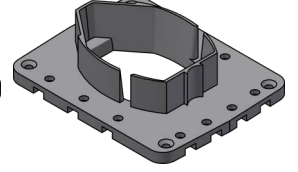
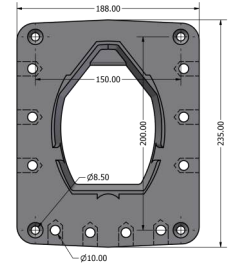
#1118

Z401-Z402 Mast Step



#1120

Z501-Z532E Mast Step



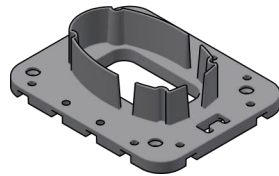
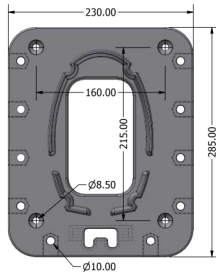
#1021

Z502 Mast Step



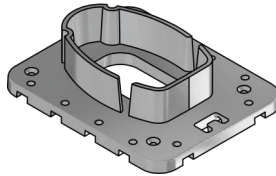
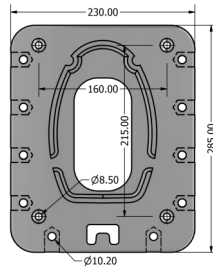
#1164

Z600E-Z601 Mast Step



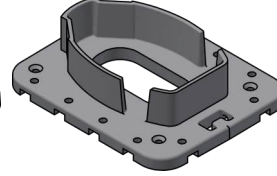
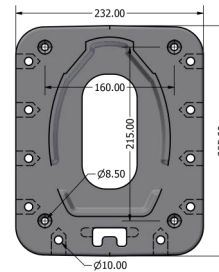
#4866

Z602-Z602E Mast Step



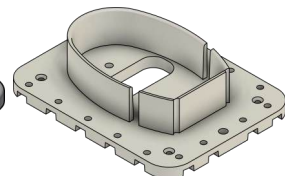
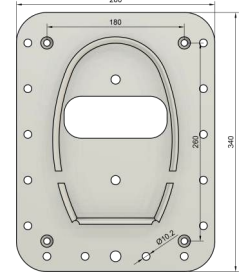
#4873

Z702-Z702E Mast Step



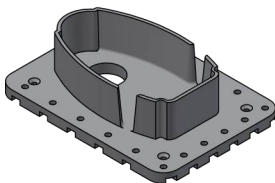
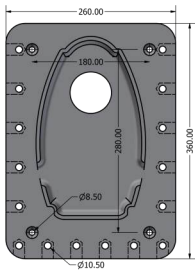
#4871

Z902-Z902E Mast Step



#1168

A1002-Z1102E Mast Step

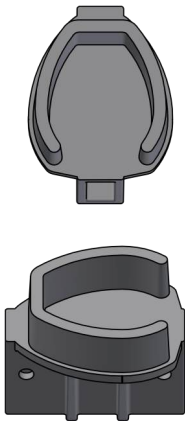


#4870

Z1250 Mast Step



# Mast Feet



#1020

Z125 Mast Foot



#1397

Z145 Mast Foot



#1095

Z170 Mast Foot



#1096

Z190 Mast Foot



#1171

Z190 Mast Foot



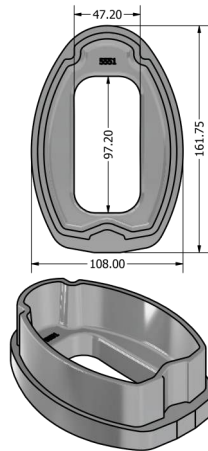
#1097

Z230 Mast Foot



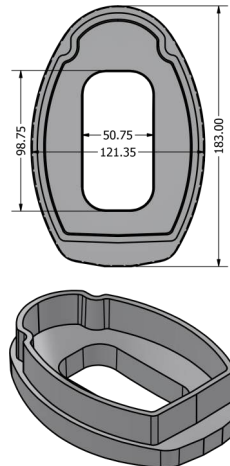
#1098

Z265 Mast Foot



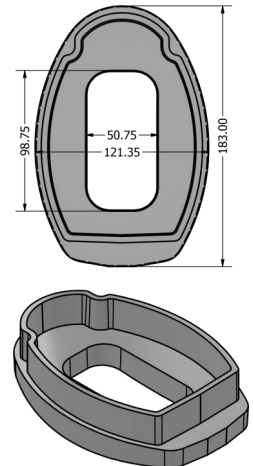
#5551

Z351 Mast Foot



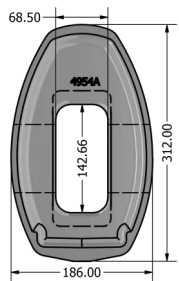
#5844

Z401 Mast Foot



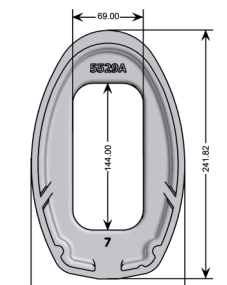
#5523A

Z532-Z532E Mast Foot



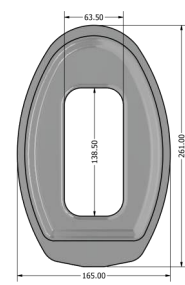
#5524

Z602 Mast Foot



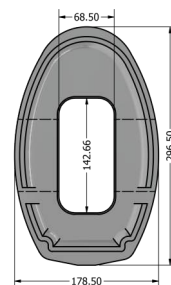
#5529A

Z702-Z702E Mast Foot



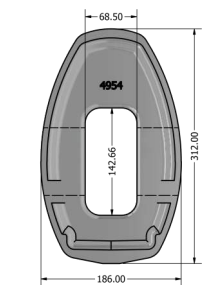
#4092

Z902 Mast Foot



#1102A

Z1002-Z1102E Mast Foot

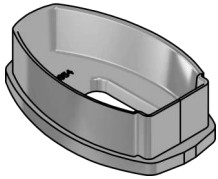
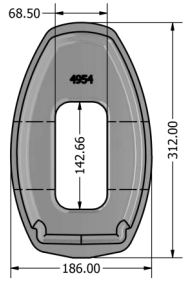


#4954B

Z1253E Mast Foot

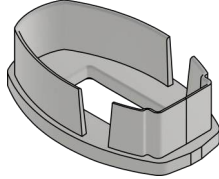
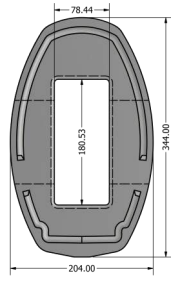


# Mast Feet Continued...



**#4954**

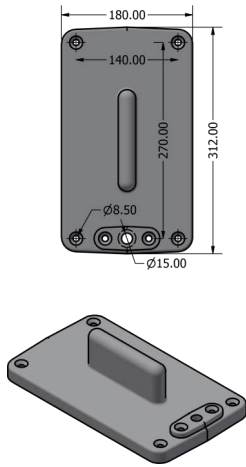
**Z1251 Mast Foot**



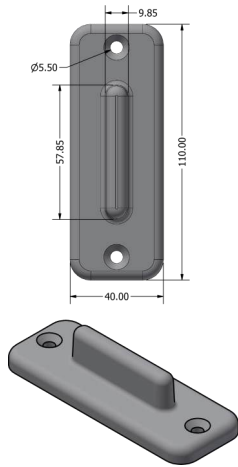
**#1232**

**Z1402 Mast Foot**

# Mast Bases



**#4863**  
P710  
Mast Base



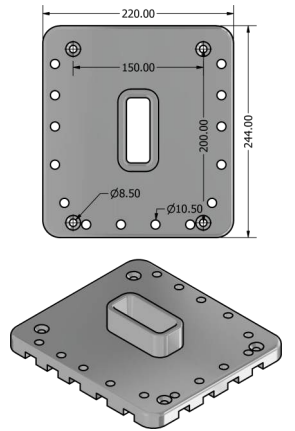
**#1111**  
Z105-Z125  
Mast Base



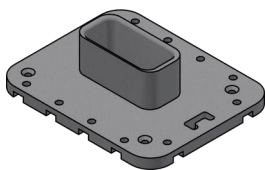
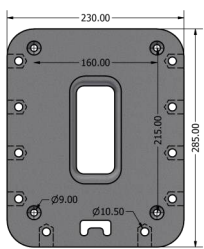
**#1100**  
Z145-Z190  
Part #1397, #1095, & #1096  
Mast Base



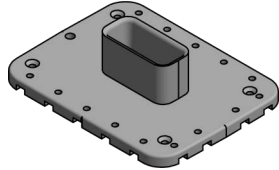
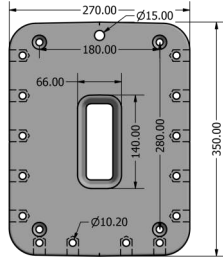
**#1101**  
Z190-Z265  
Part #1171, #1097, & #1098  
Mast Base



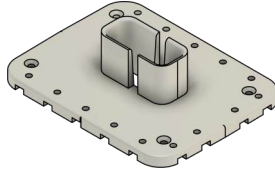
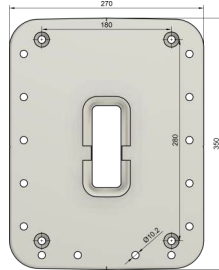
**#C4109**  
Z351  
Z532-Z532E, Z401  
Mast Base



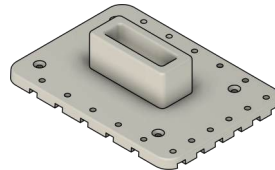
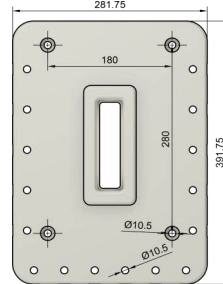
**#1176**  
Z602  
Z702-Z702E, Z902  
Mast Base



**#4955**  
Z1002-Z1251 Mast Base

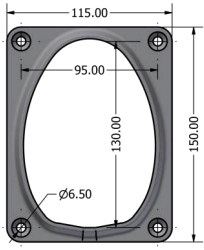


**#4955a**  
Z1102E-Z1252E Mast Base



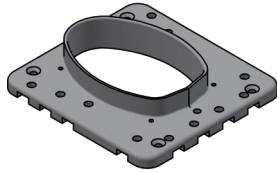
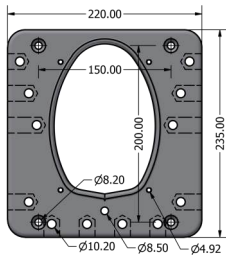
**#5202**  
Z1402 Mast Base

# Deck Collars



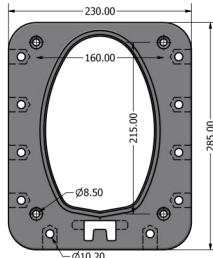
**#4078**

**Z230-Z230E  
Deck Collar**



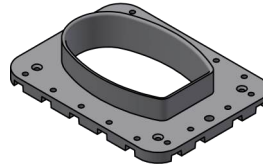
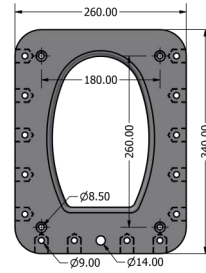
**#1115**

**Z301-Z351  
Deck Collar**



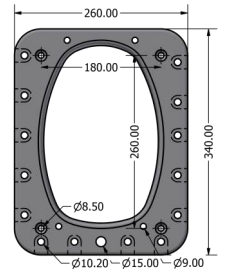
**#1067**

**Z501-Z531  
Deck Collar**



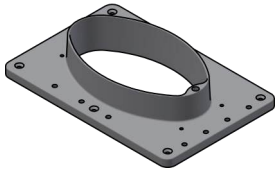
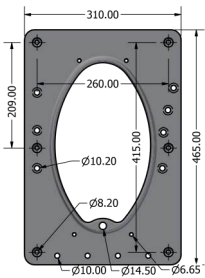
**#1393**

**Z602  
Deck Collar**



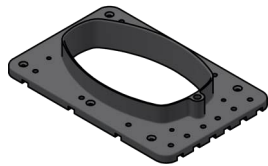
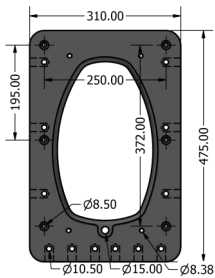
**#1113**

**Z702-Z902  
Deck Collar**



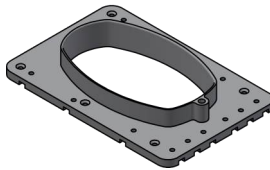
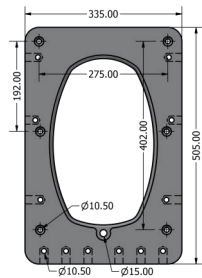
**#1169**

**Z1001  
Deck Collar**



**#1584**

**Z1250  
Deck Collar**

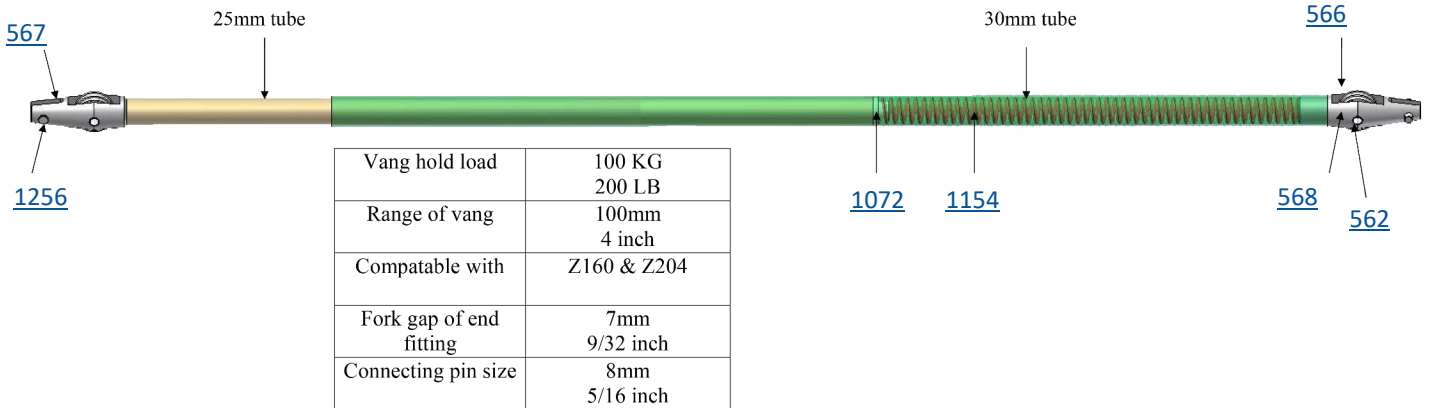


**#4238**

**Z1400  
Deck Collar**

# Rigid Vangs

## #1979 Small Vang



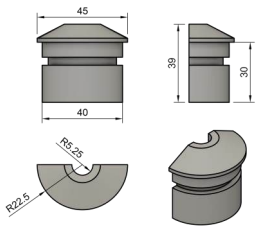
## #1978 Medium Vang



## #1977 Large Vang

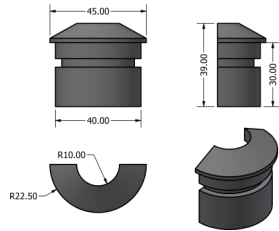


# Shroud Roller Parts



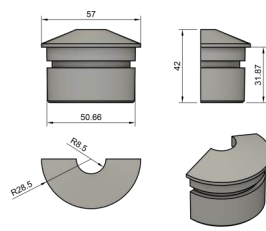
**#209**

Shroud Roller End  
45mm / Ø10.5mm



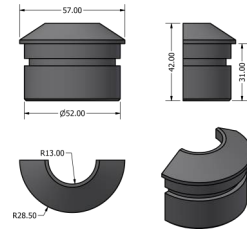
**#4409**

Shroud Roller End  
45mm / Ø20mm



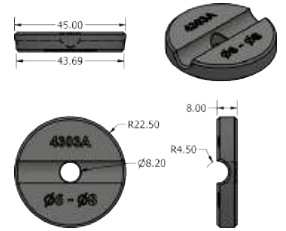
**#208**

Shroud Roller End  
57mm / Ø17mm



**#4408**

Shroud Roller End  
57mm / Ø26mm



**#4303A**

Diamond Shroud Roller  
Wedge Ø6 & Ø8mm

## Spinnaker/Whisker Poles - Piston to Piston



Tube size	Part #	Weight LB	Wall
Ø 45	7667	8	2
Ø 50	7666	10	2
Ø 57	7665	11	2.1
Ø 70	7663	14	2.5
Ø 80	7664	17	2

## Spinnaker/Whisker Poles - Piston to Cone



Tube size	Piston part	Weight LB	Wall
Ø 80	7664c	17	2
Ø 100	7657c	22	3

To Order Complete Spinnaker/Whisker Poles please contact [Sales@usspars.com](mailto:Sales@usspars.com) for a quote.

Thanks!

# Spinnaker Pole Ends



Tube size	Piston part #
Ø 45	<a href="#">3148</a>
Ø 50	<a href="#">3150</a>
Ø 57	<a href="#">3151</a>
Ø 70	<a href="#">3153</a>
Ø 80	<a href="#">3154</a>
Ø 100	<a href="#">3155</a>



Tube size	Cone part #
Ø 80	<a href="#">3442</a>
Ø 100	<a href="#">3443</a>

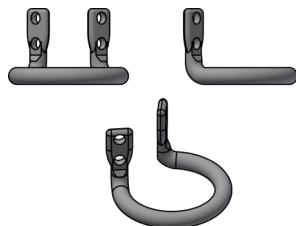
**U.S. Spars cone pole ends will only fit our brand of mast slider attachment, if you do not have a U.S. Spars pole car please ask for details of our attachments to fit your slider car.**

# Spinnaker Pole Accessories



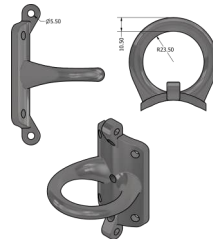
[#3640](#)

Z-Finger for Spi Pole Car



[#1452](#)

Spi Pole Eye  
Small



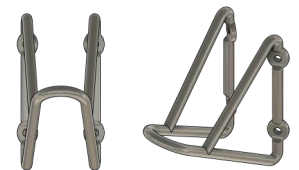
[#4840](#)

Spi Pole Eye  
Medium



[#3003](#)

Spi Pole Eye  
Large



[#197](#)

Spi Pole Stowage Bracket  
Z351-Z1252



# Spinnaker/Whisker Track Kits

## 25mm Series #3596

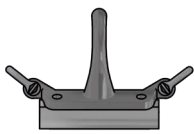
Item #	Description	Quantity
<a href="#">666</a>	Spi Track O2 Series	6 meters
<a href="#">3674</a>	Aluminum Cheek Block	2
<a href="#">1662</a>	Clam Cleat	2
<a href="#">4588</a>	Track End	2
<a href="#">308</a>	8mm Yellow Rope	15 meters
*2 Car Options	Spi Pole Car	1
<a href="#">3077</a>	Spi Pole Car Z-Spar Finger	
<a href="#">3008</a>	Spi Pole Car Ring	

## 32mm Series

Item #	Description	Quantity
<a href="#">663</a>	Spi Track	6 meters
<a href="#">3674</a>	Aluminum Cheek Block	2
<a href="#">1662</a>	Clam Cleat	2
<a href="#">4588</a>	Track End	2
<a href="#">308</a>	8mm Yellow Rope	15 meters
*1 Car Option	Spi Pole Car	1
<a href="#">3055</a>	Spi Pole Car Z-Spar Finger	

\*The cars are not included in the assemblies

# Spinnaker/Whisker Cars



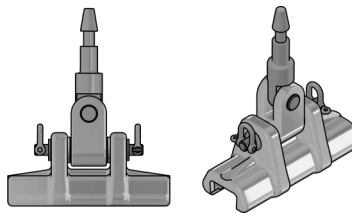
[#3008](#)

Spi Pole Ring Car  
25mm



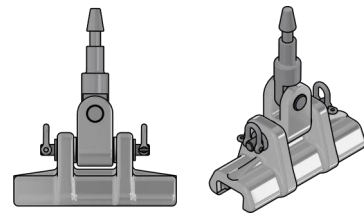
[#3077](#)

Spi Pole Finger Car  
25mm

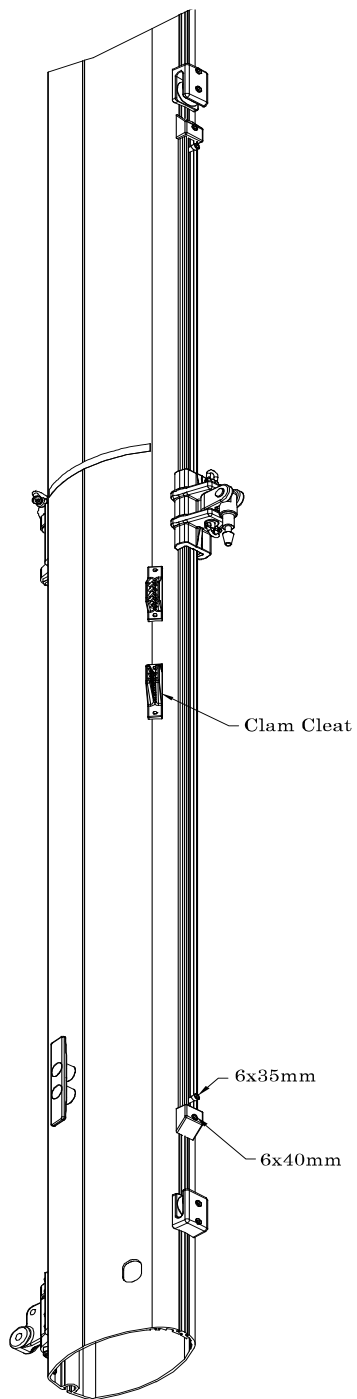


[#3055](#)

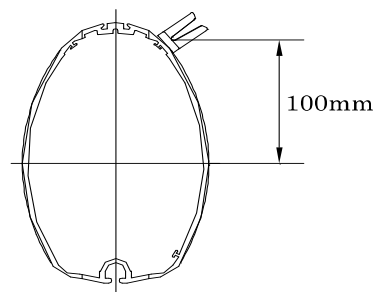
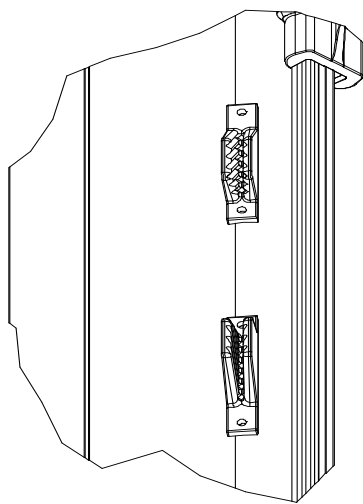
Spi Pole Finger Car  
32mm



# Spinnaker/Whisker Pole Setup

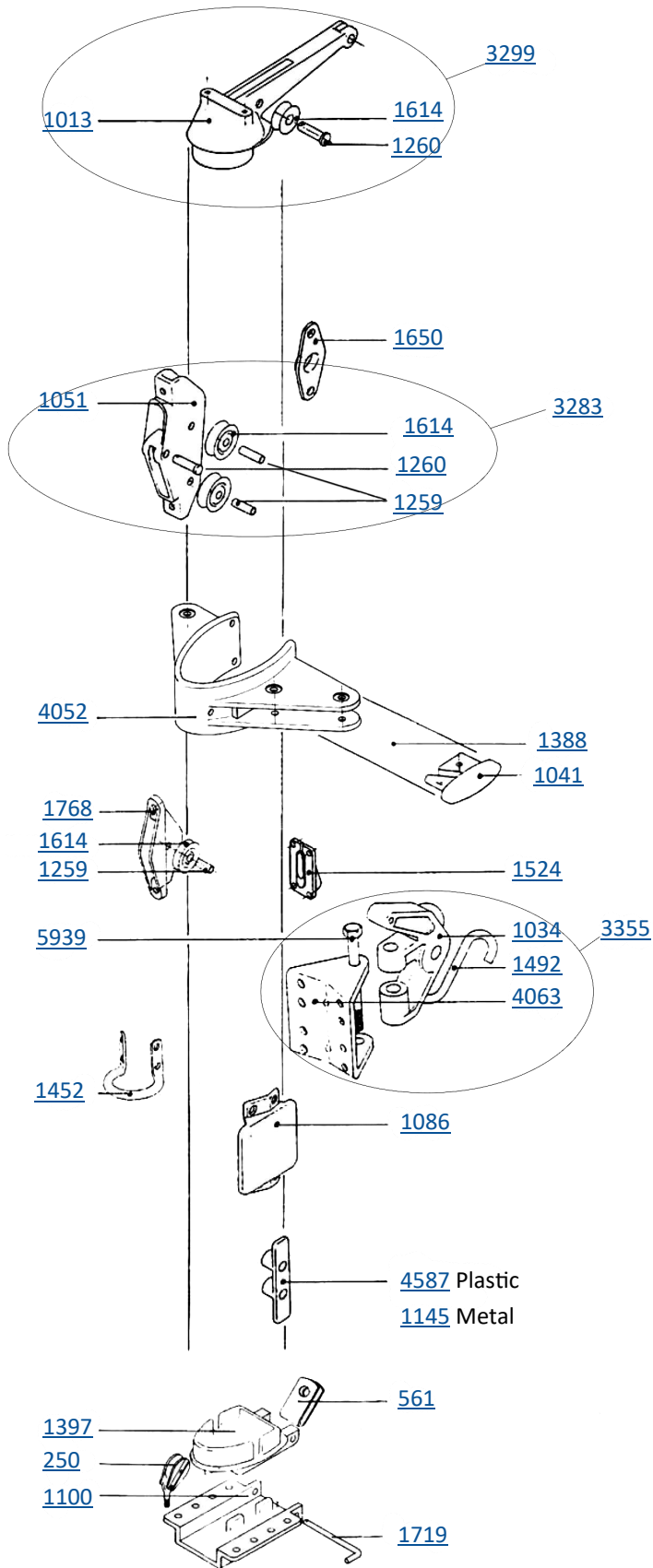


This is a General Setup. This may or may not be the layout for your mast.

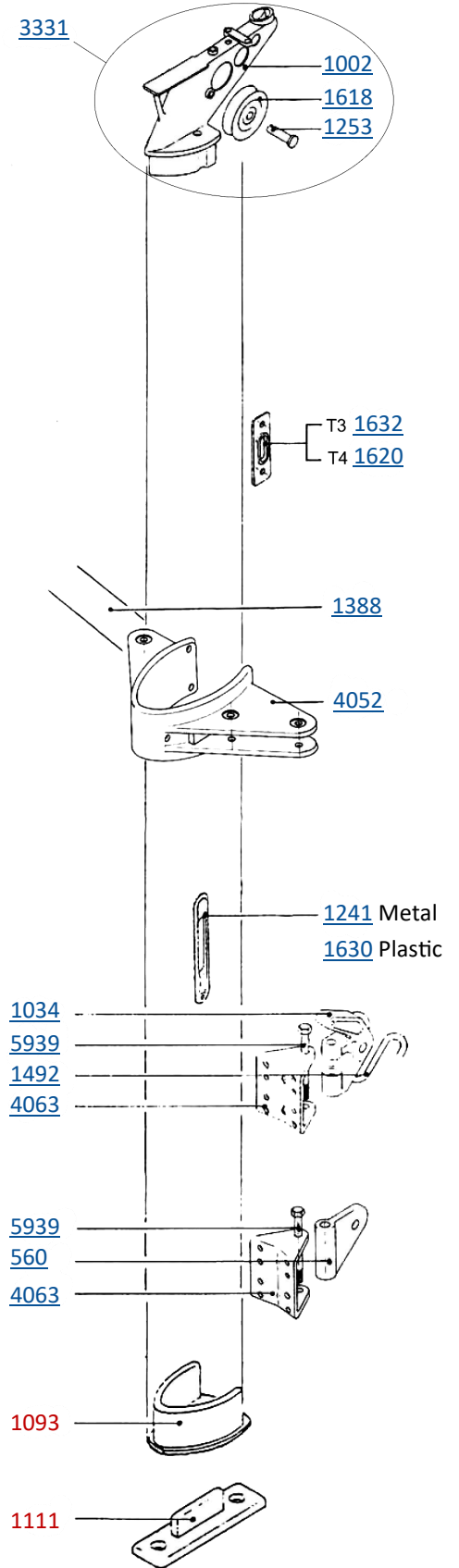


# MASTS

## Z 145 TAPER



## Z 145



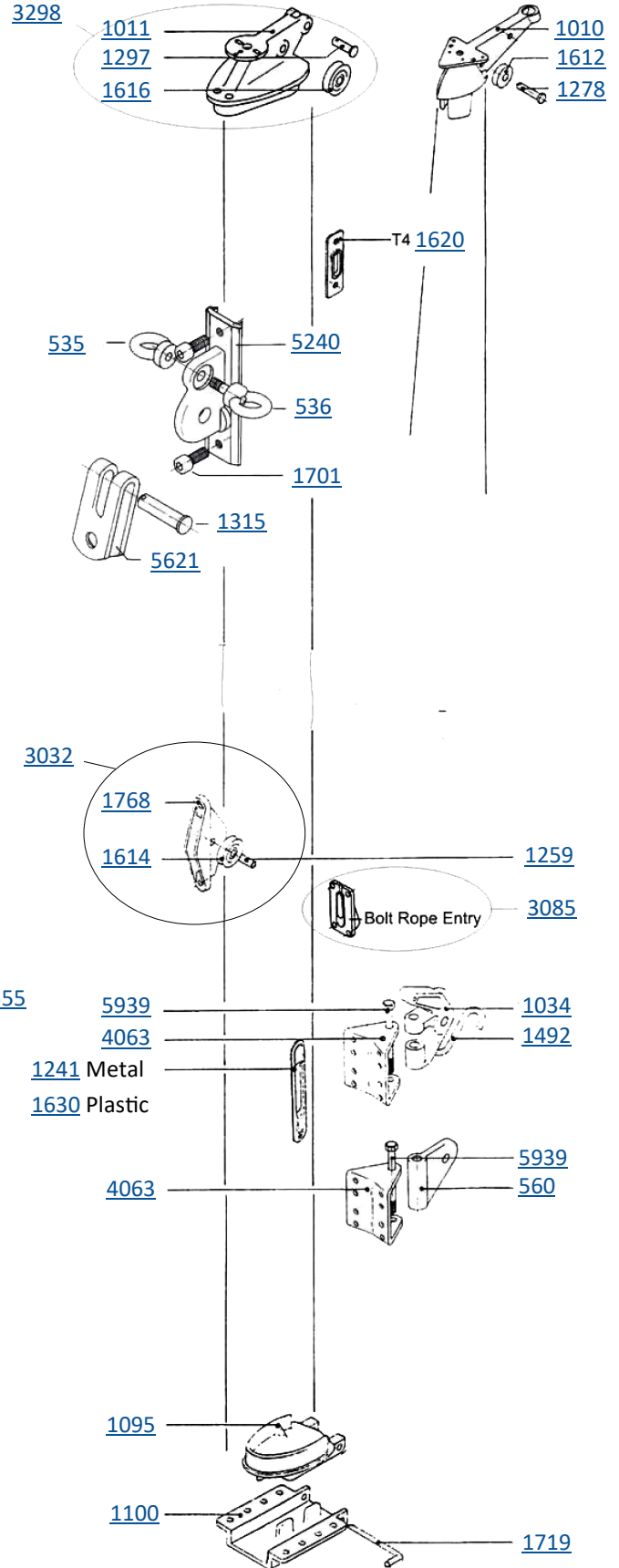
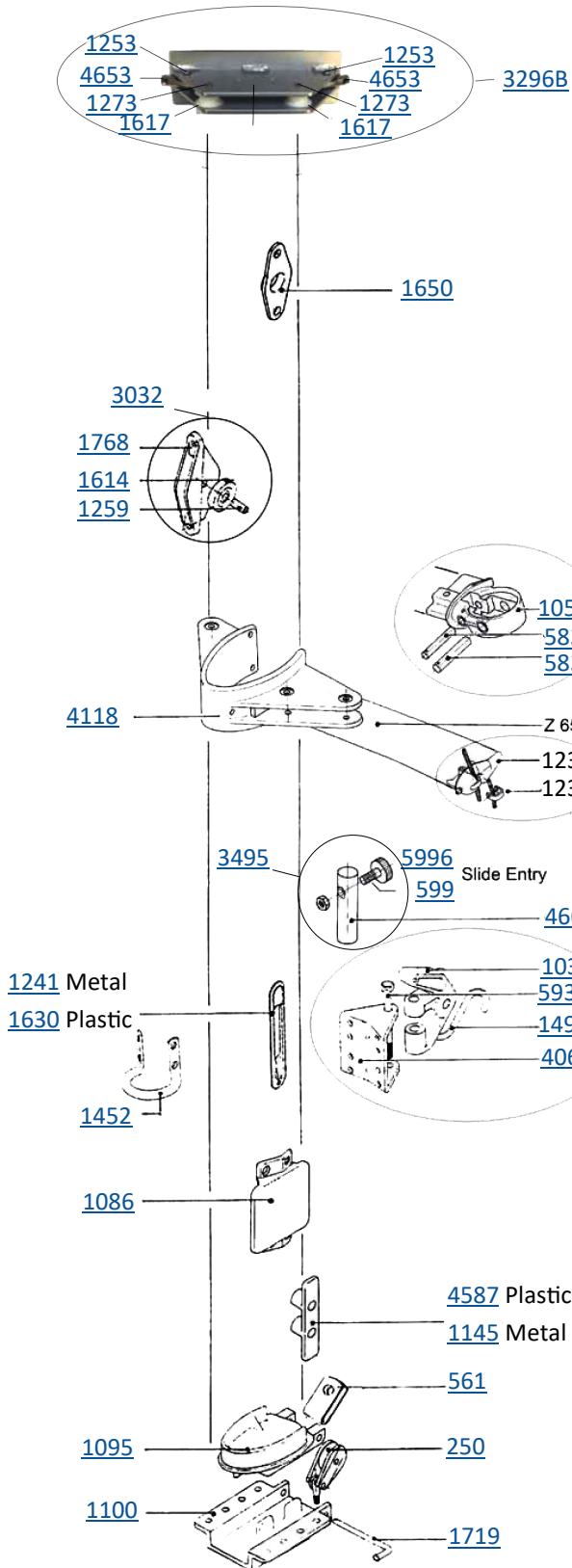
Z 170

MASTS

Z 170 7/8

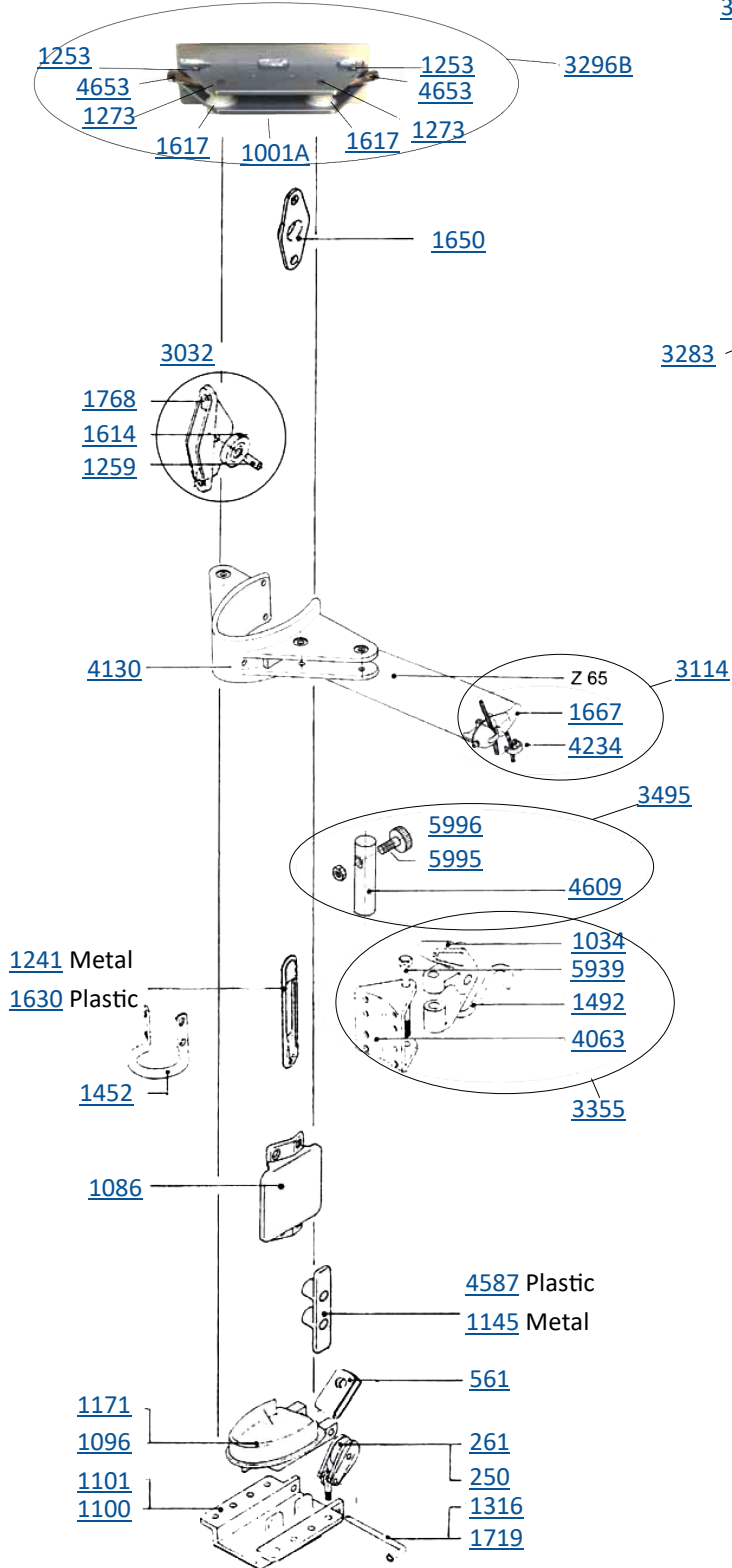
Z 170 Taper

NEW MASTHEAD FOR Z170, Z190, Z230



Z 190

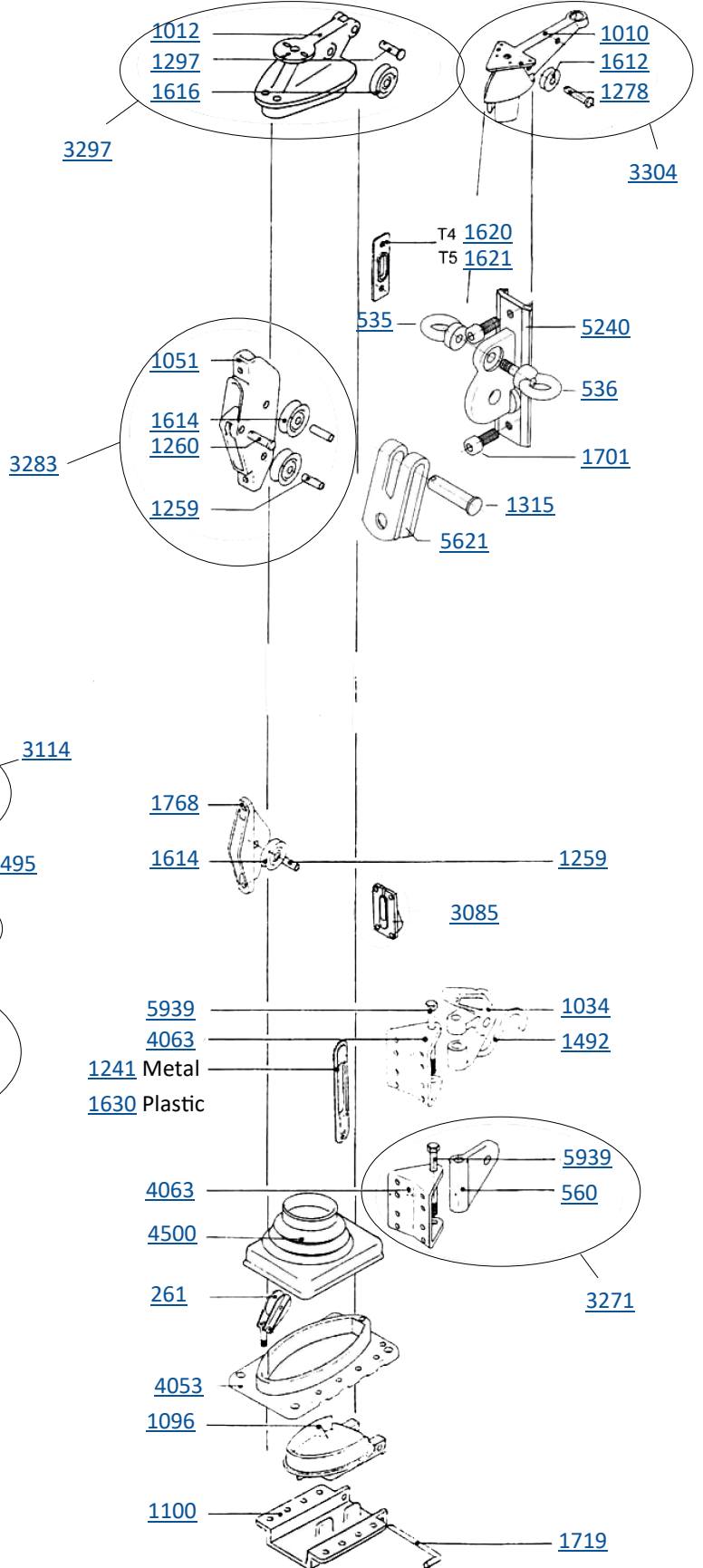
NEW MASTHEAD FOR Z170, Z190 & Z230



MASTS

Z 190 7/8

Z 190 Taper



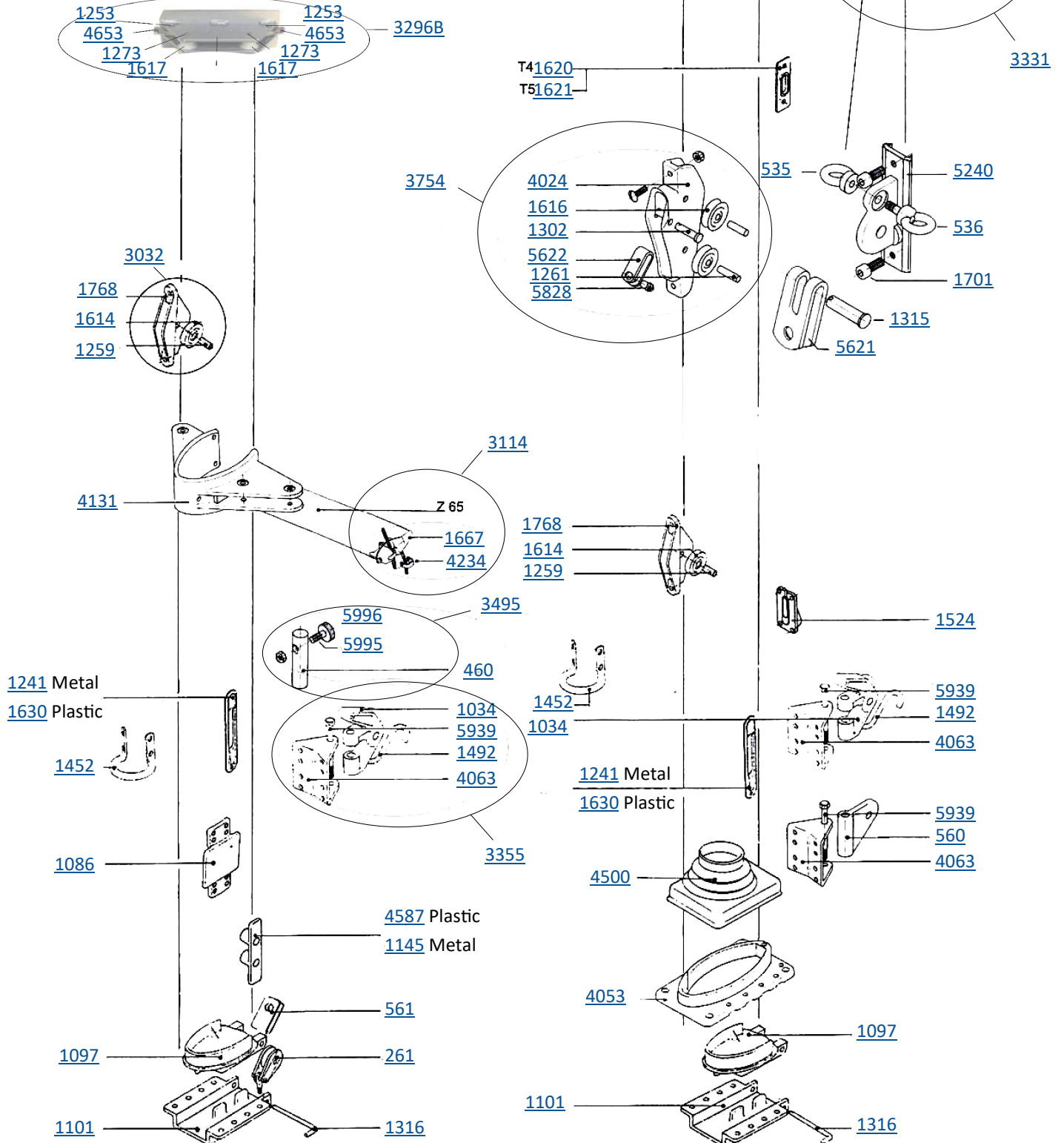
Z 230

MASTS

Z 230 7/8

Z 230 Taper

NEW MASTHEAD FOR Z170, Z190 & Z230

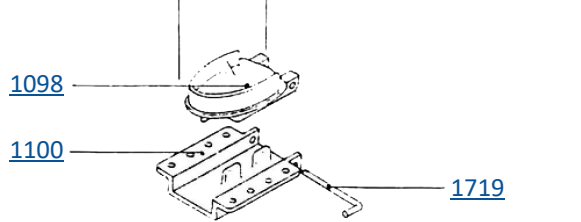
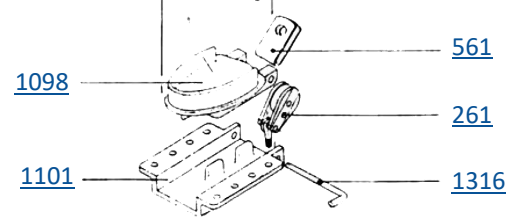
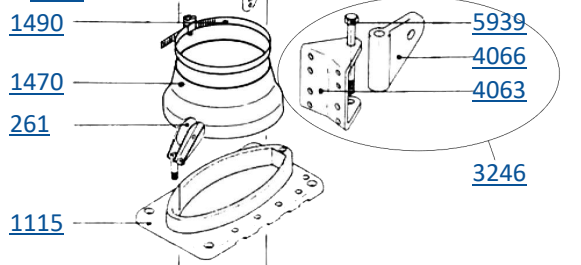
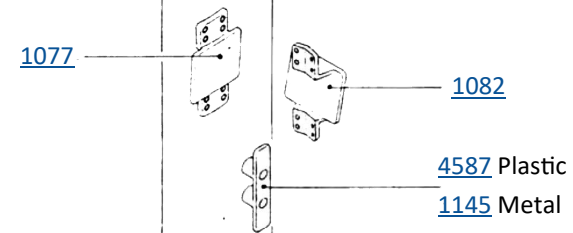
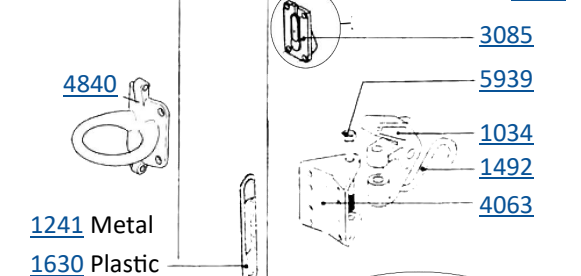
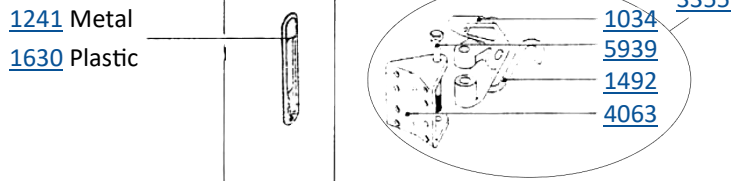
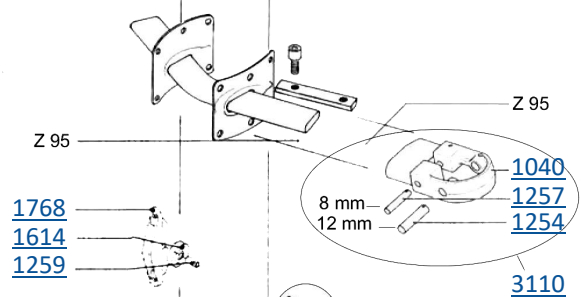
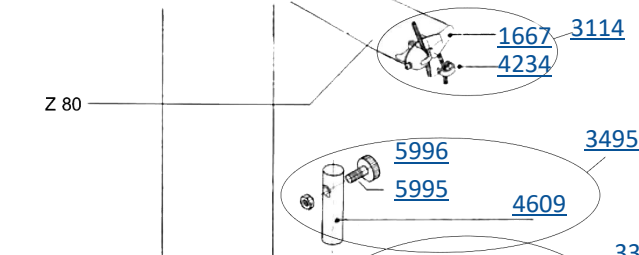
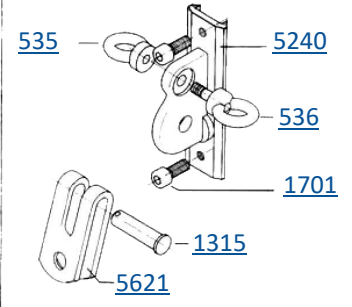
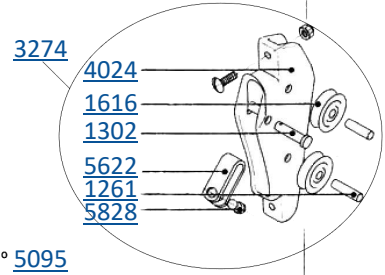
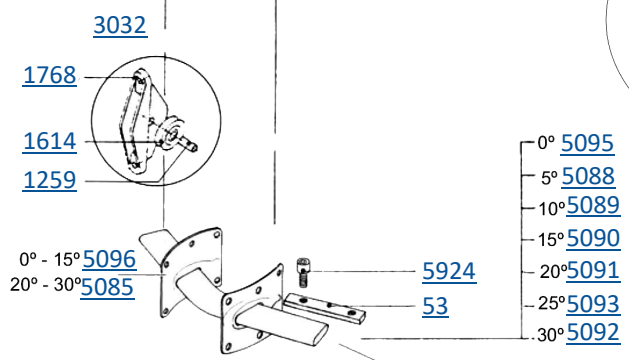
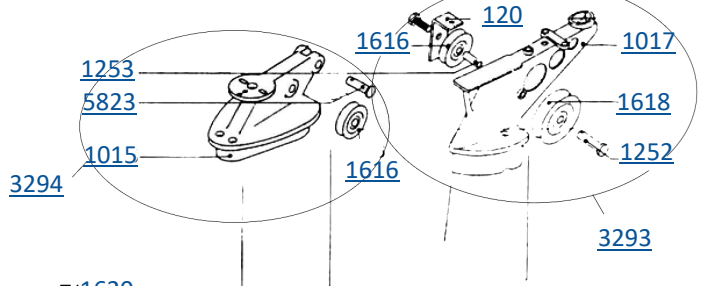
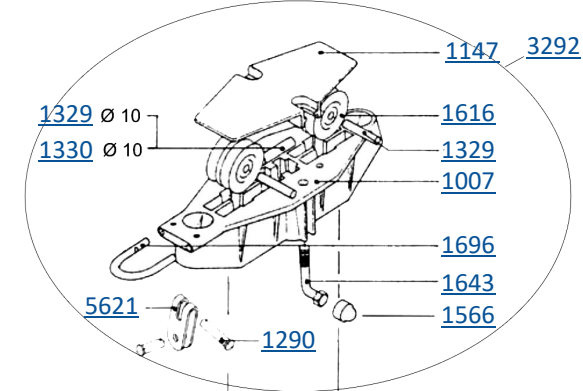


Z 265

MASTS

Z 265 7/8

Z 265 Taper



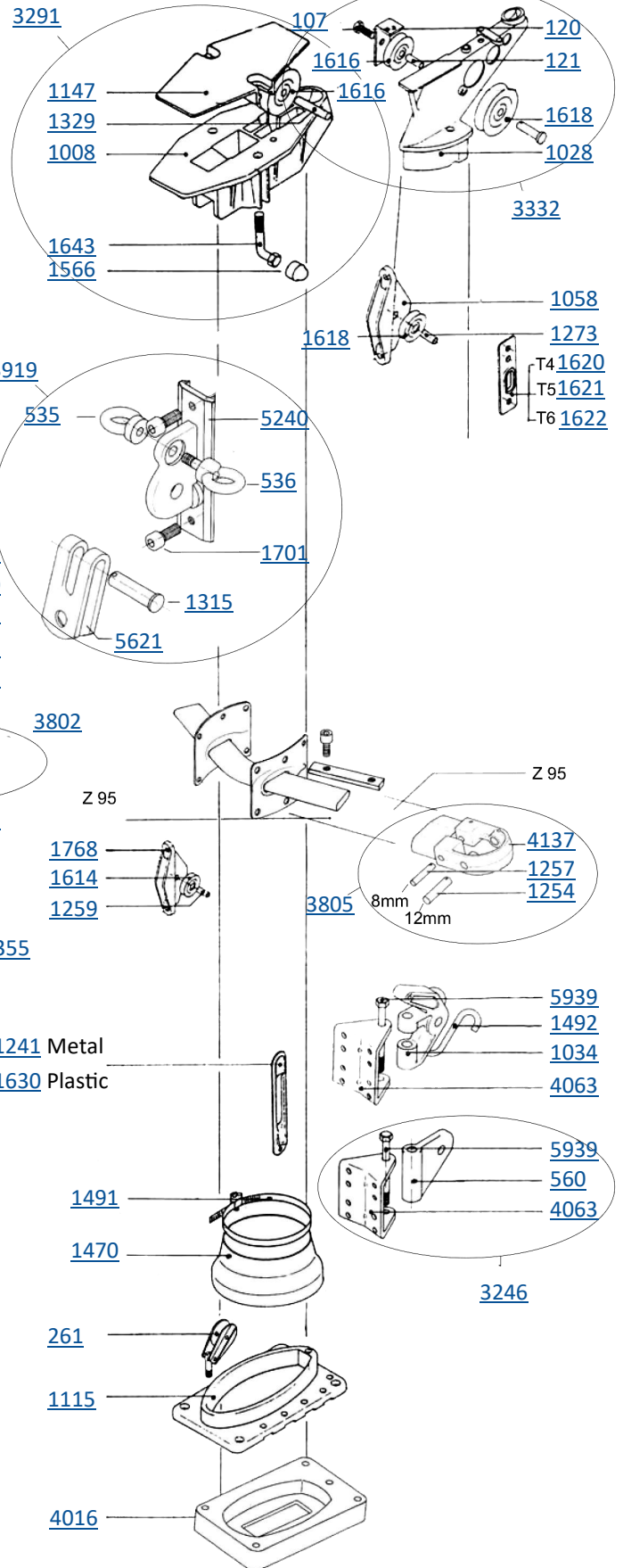
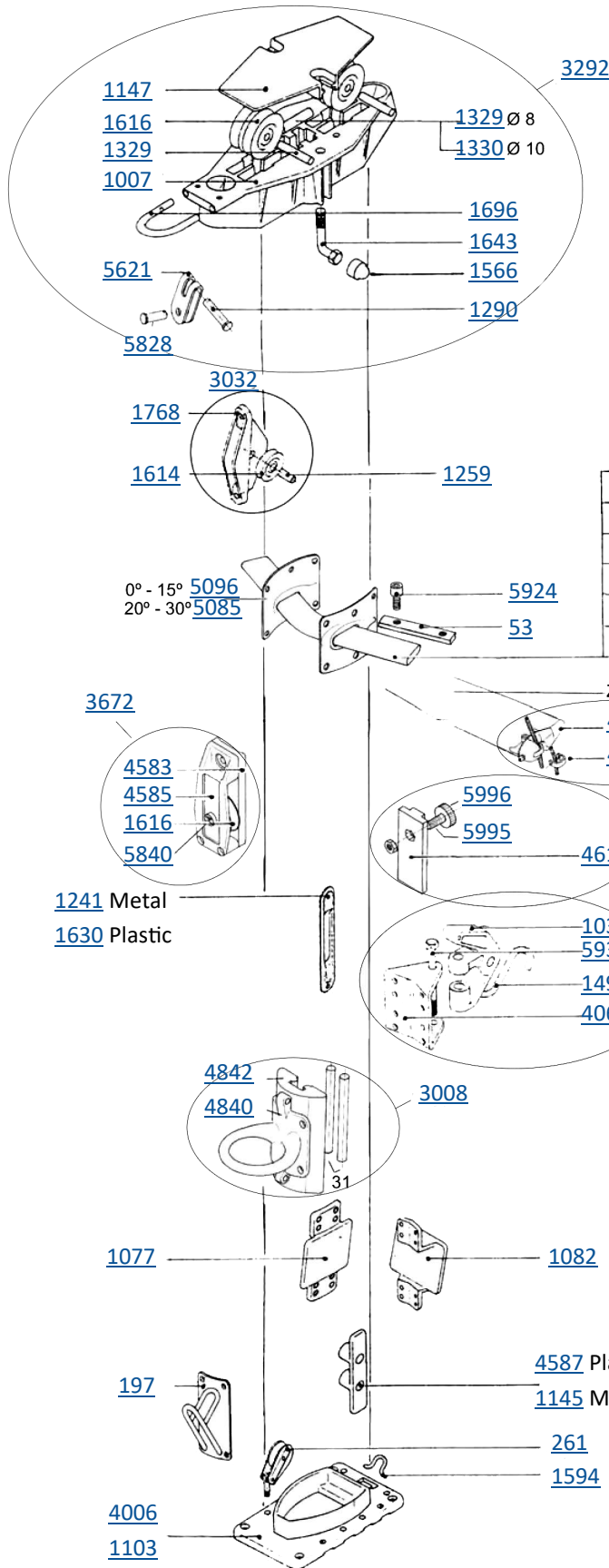


# MASTS

Z 351

Z 351 7/8

Z 351 Taper

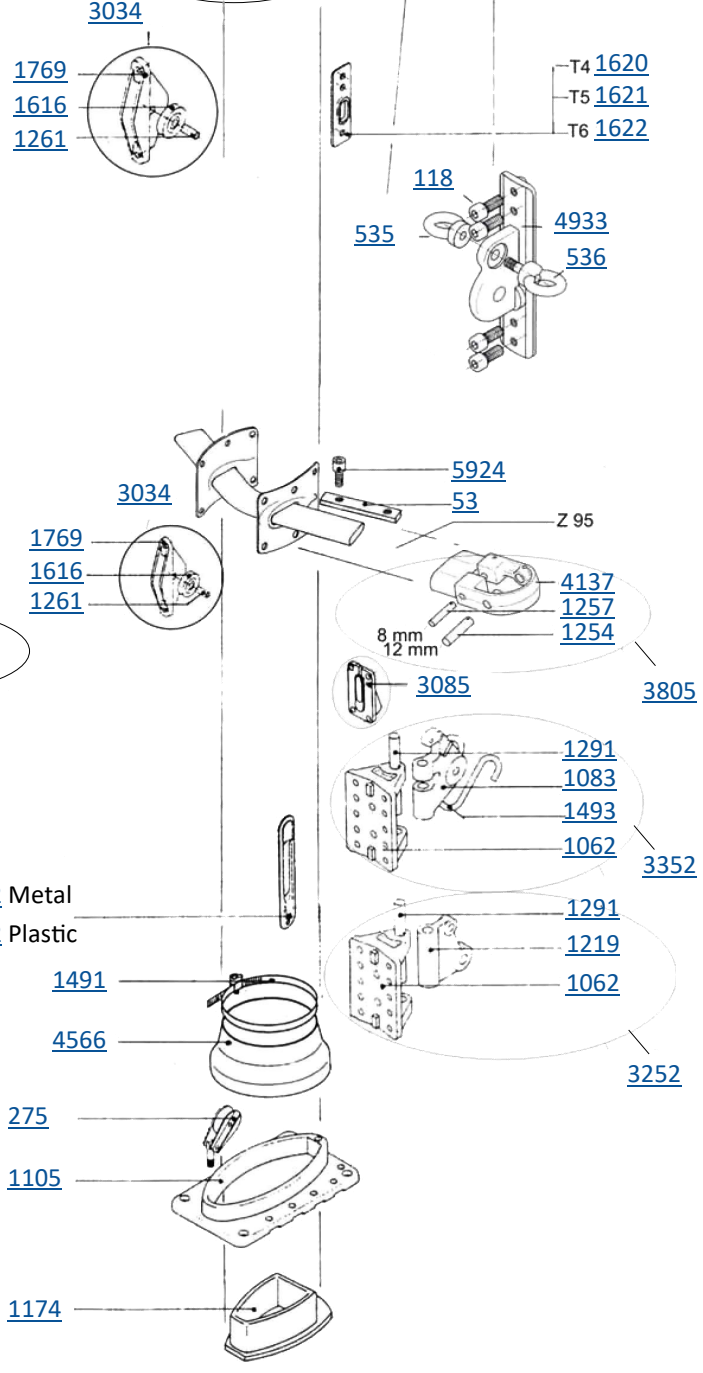
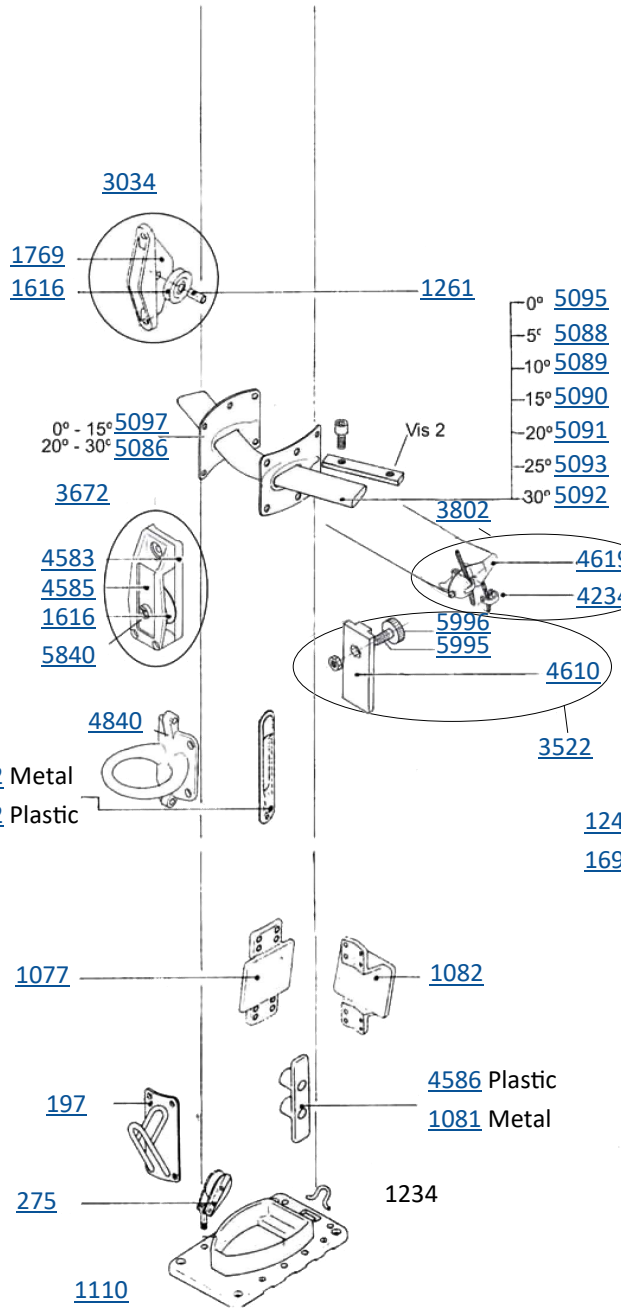
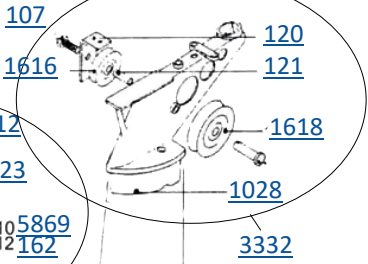
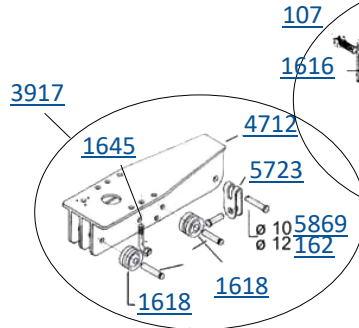
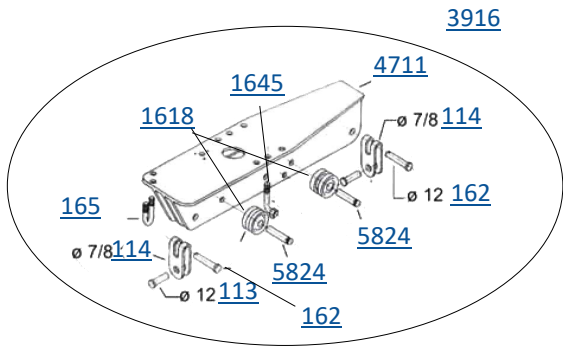


Z 401

MASTS

Z 401 7/8

Z 401 7/8 Taper

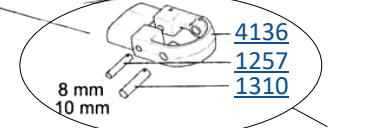
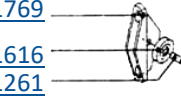
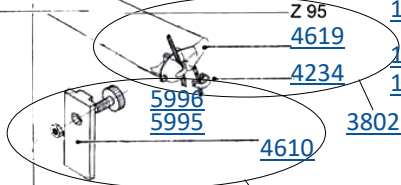
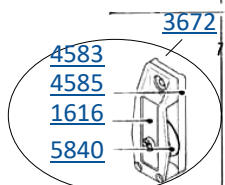
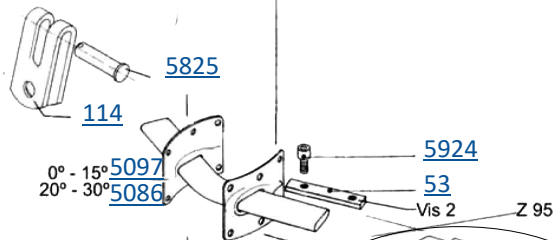
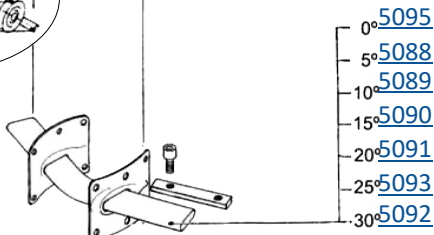
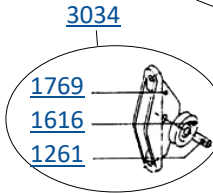
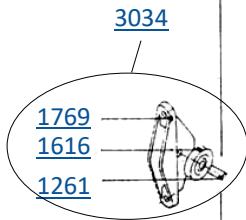
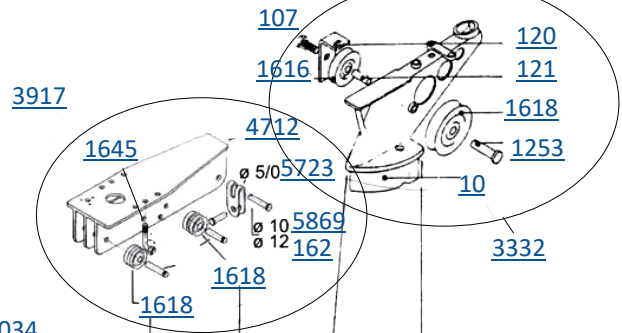
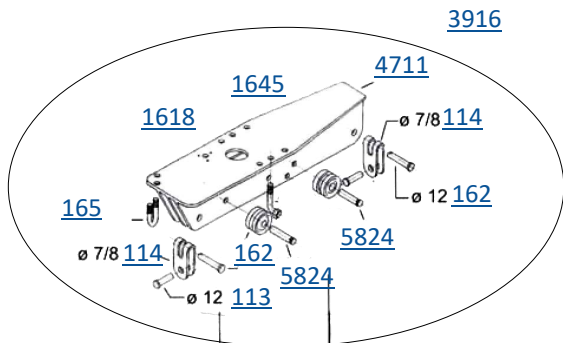


# MASTS

Z 501

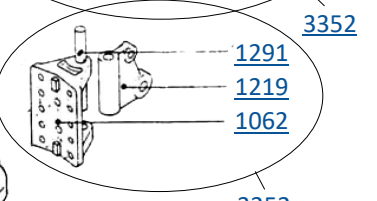
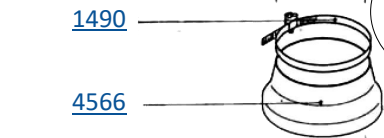
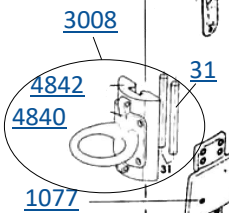
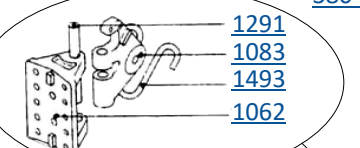
Z 501 7/8

Z 501 7/8 Taper

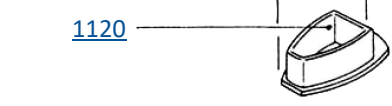
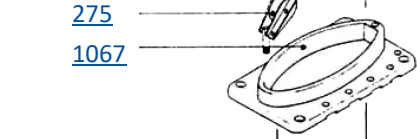
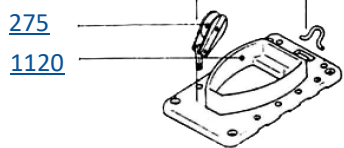


1242 Metal  
1692 Plastic

1242 Metal  
1692 Plastic



4586 Plastic  
1081 Metal





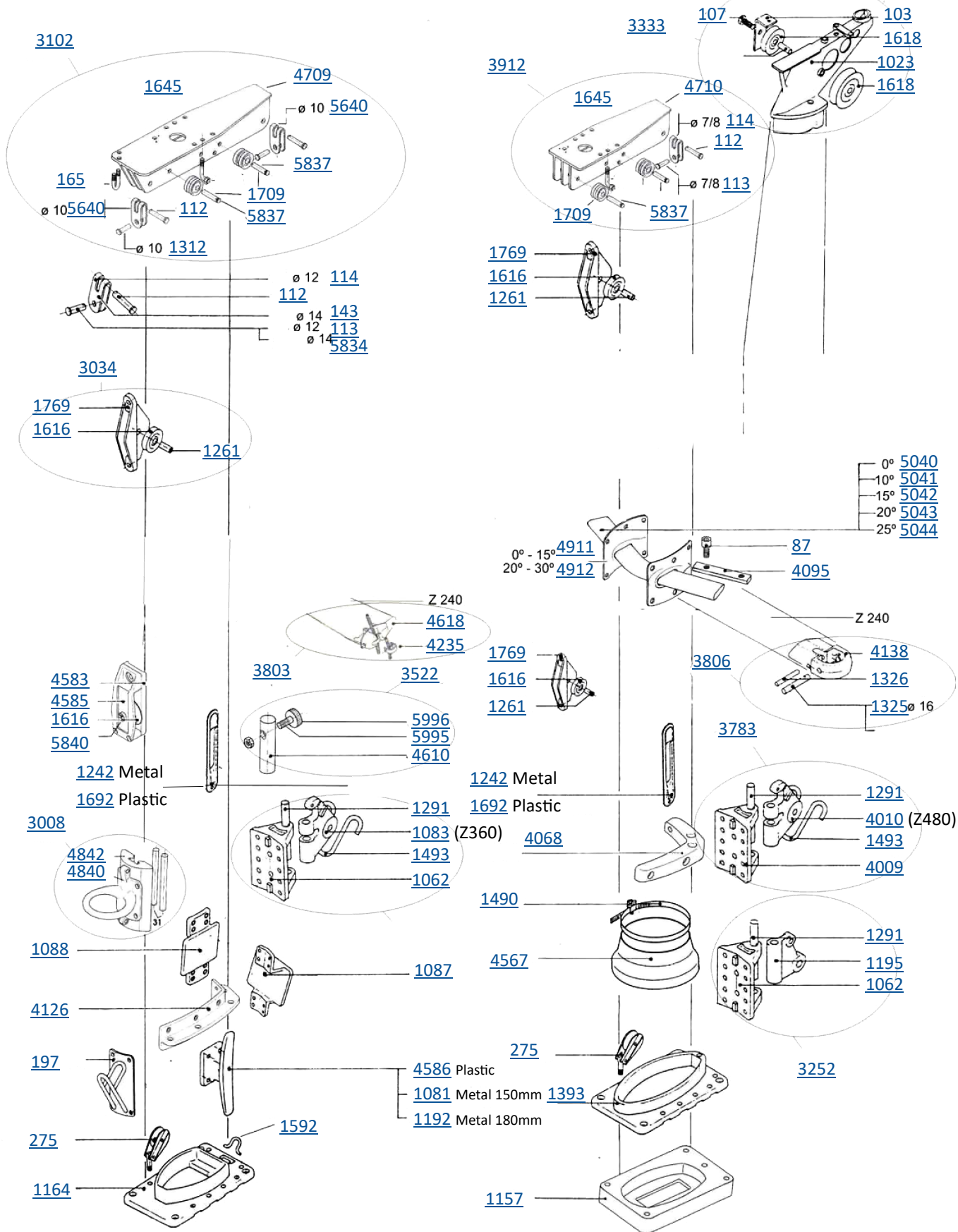


# MASTS

Z 602

Z 602 7/8

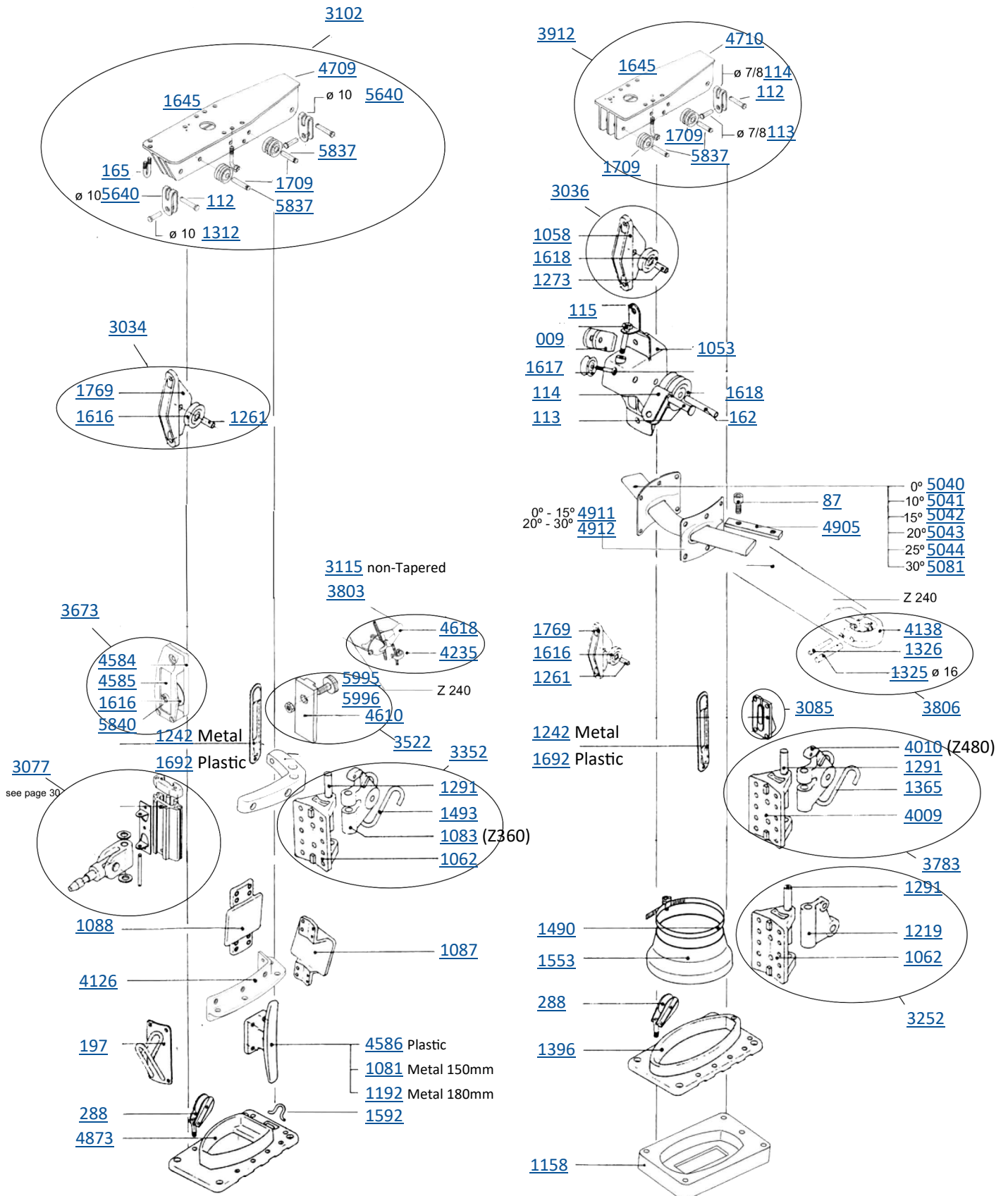
Z 602 7/8 Taper



# MASTS

Z 702

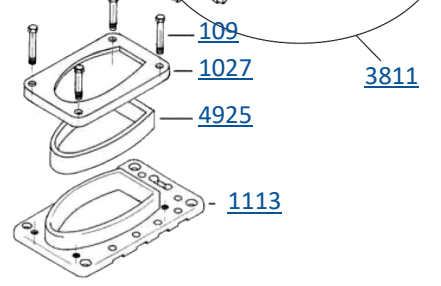
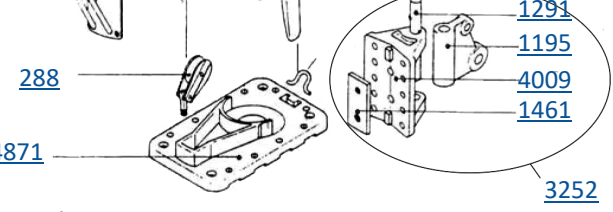
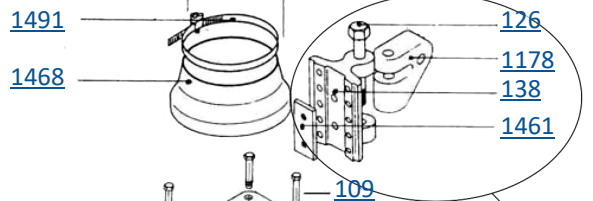
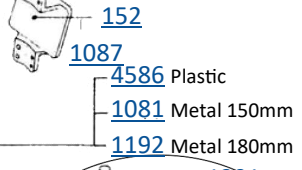
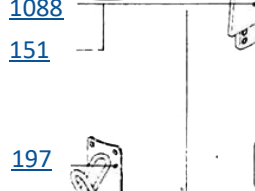
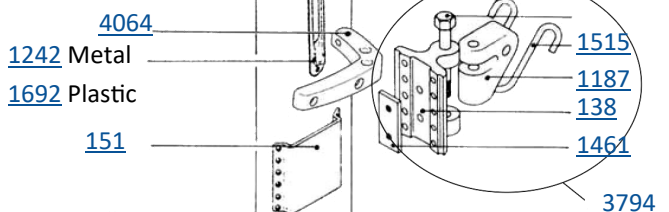
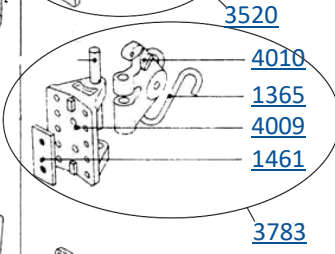
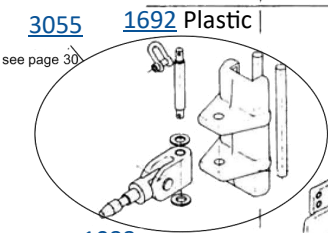
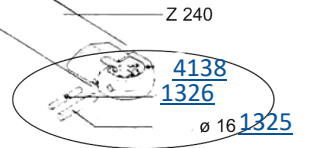
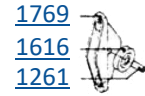
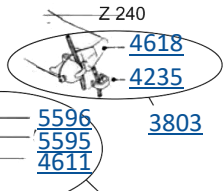
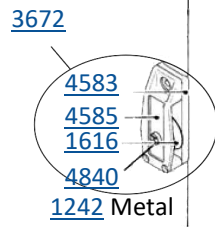
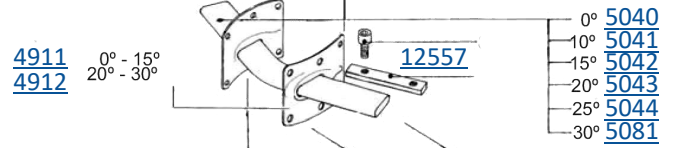
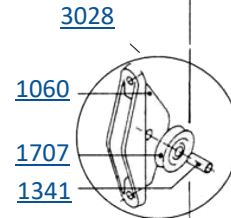
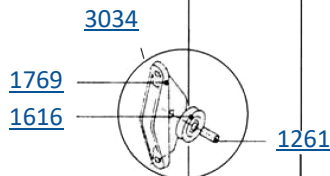
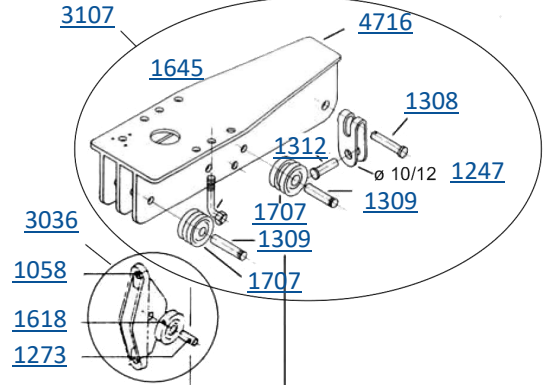
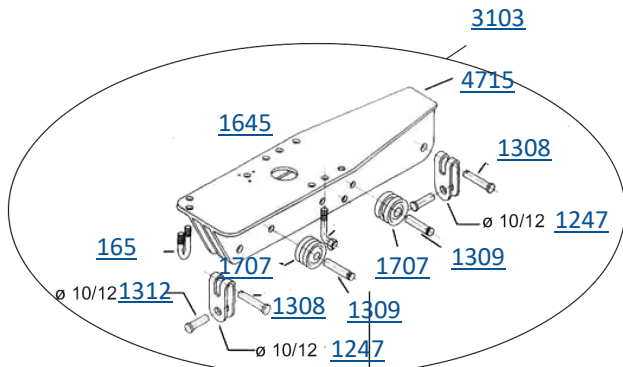
Z 702 7/8



# MASTS

Z 902

Z 902 7/8

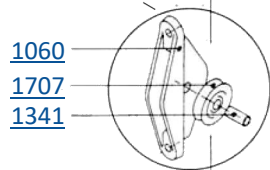
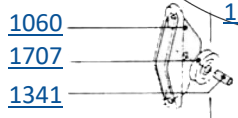
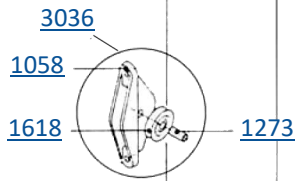
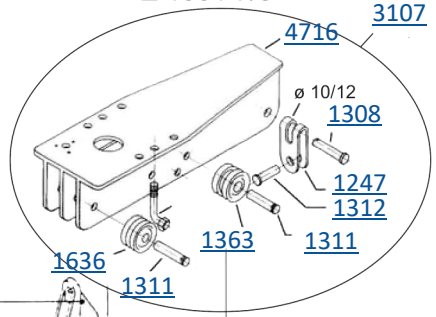
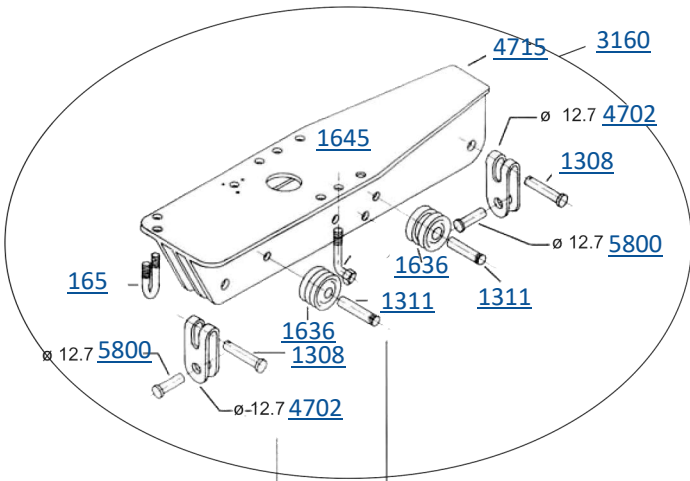




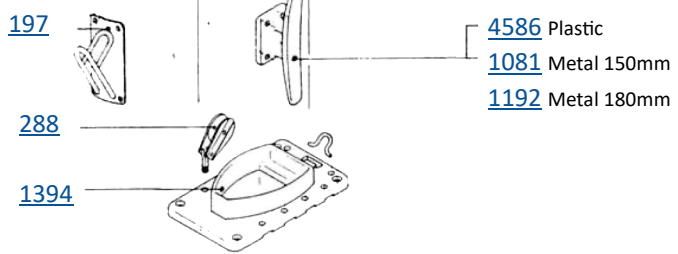
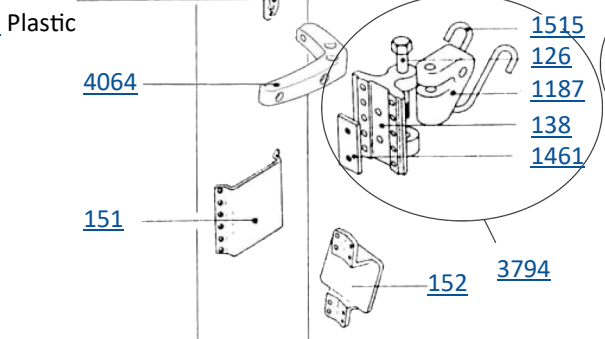
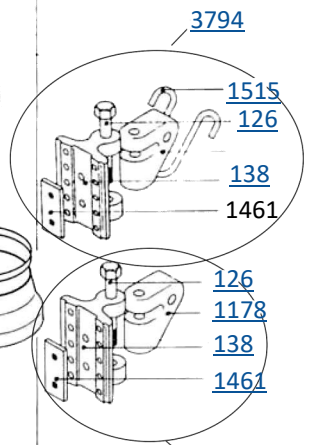
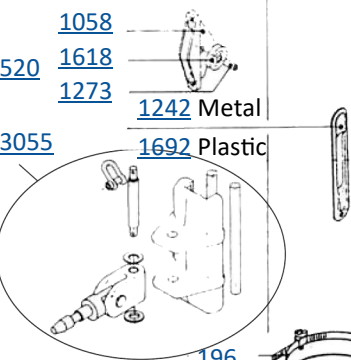
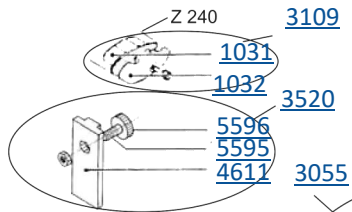
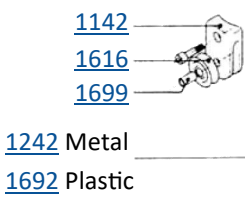
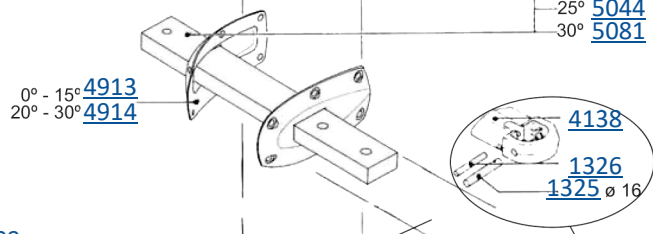
# MASTS

Z 1001

Z 1001 7/8



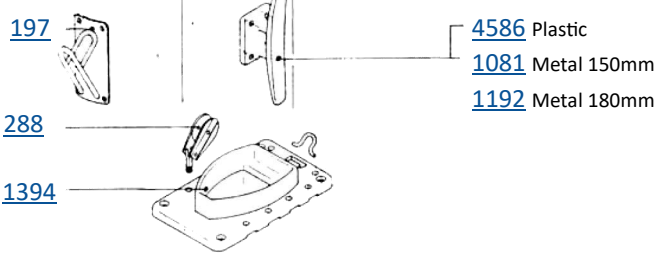
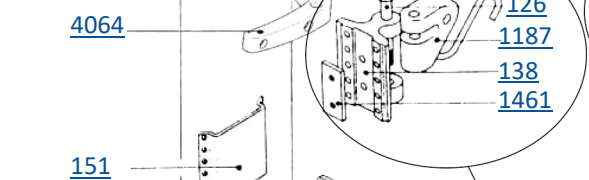
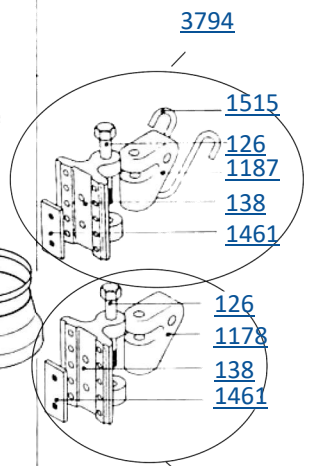
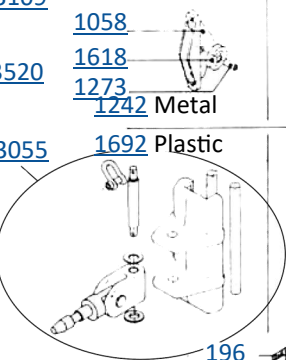
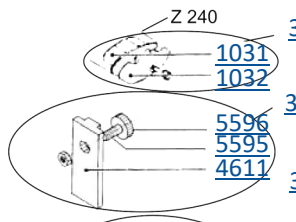
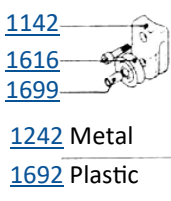
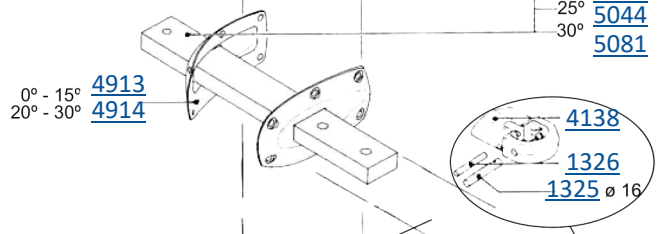
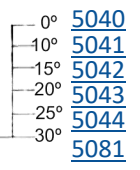
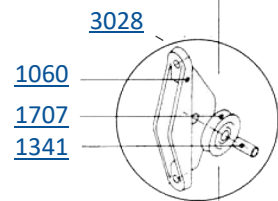
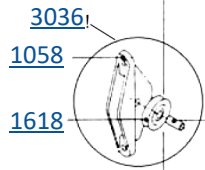
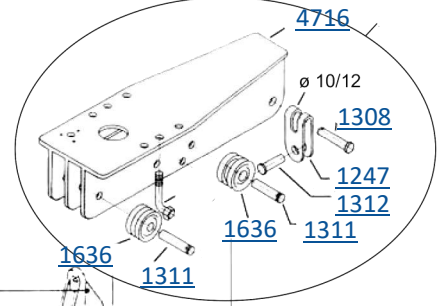
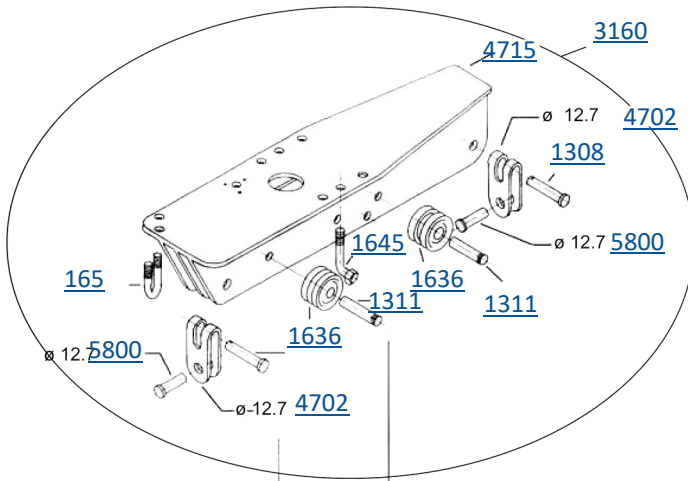
0°	5040
10°	5041
15°	5042
20°	5043
25°	5044
30°	5081



# MASTS

Z 1250

Z 1250 7/8



# Furling Mainsails System

## Installing The Outhaul Rope:

This rope attaches to the front of the boom traveler, it leads around the clew block in the mainsail, underneath the pulley on top of the boom traveler, around the sheave in the boom outhaul end casting, through the halyard exit under the boom (or over the sheave in the front end of the boom) through a pulley behind the kicker and forward to a swivel pulley at the base of the mast. This leads aft in the same way as the furling rope.

## Installing The Furling Rope:

Inside the drum underneath the gooseneck it is possible to see the coils of rope wound on the furling drum. Make sure the rope is fully wound on the drum then unwind three turns. Lead the rope from this slot around the pulley situated under the boom just in front of the kicker/boom vang fitting, then through the swivel pulley attached to the mast base and back to a self-tailing winch on the coach roof via the halyard organizer.

## Installing The Mainsail:

Open and remove all four inspection covers. At the top set of openings you will see the main furling foil and below it the foil connection rod that connects it to the furling drum. Feed the head of the sail through the mast slot and into the main foil. Lower the main halyard down to allow the shackle on the halyard swivel to be attached to the strap sewn into the head of the sail using an allen key.

Continue to feed the sail into the slot whilst the main halyard is being hoisted. Do not attempt this with the wind astern. (This task is best attempted in little or no wind). Once the sail is hoisted to a point where the tack web loop is almost level with the large tack shackle stop. You now have to back the remaining luff down the foil from the sail entry until you can connect it to the tack shackle. It is important to have the full length of the luff in the foil from shackle to shackle with no cut away below the sail entry. Connect the bottom web of the sail to the base of the furling extrusion with the shackle provided, by gaining access through the lower inspection holes. Please note that this tack shackle also connects the furling extrusion to the furling drum. Refit inspection covers. Complete the installation by applying moderate tension to the main halyard.

## Furling The Sail:

Release vang and mainsheet so that the leach has little or no tension.

Maintaining a slight tension on the outhaul line, furl the sail into the mast with the inhaul line taut and keep the wind ahead. (A slight pressure from the wind will prevent creases in the sail). Insure that the furling drum has two or three turns of rope left on it when the sail is fully furled. The sail will only furl as far as the reinforcement patch.

## Changing The Furling Rope:

Open the lower inspection covers and remove the tack shackle. This will disconnect the furling drum from the furling foil. Remove the machine screws holding the furling mechanism to the mast. These are located two at the top of the drum and two at the bottom of the drum. On some models there will be two additional screws or rivets on the side of the mast to be removed. Using a large screwdriver lever the furling drum away from the mast at the bottom end. The furling rope is retained by a simple knot inside the furling screw push the rope towards the drum and the knot will appear at the bottom of the furling screw. Undo the knot remove rope and replace. We recommend a 10mm braid on our larger gears (Beneteau 40 to 46) and an 8mm on our smaller gears (Beneteau 31-37) this braid must be of a good quality that will not flatten. This operation is made easier with the sail removed.

## **Maintenance:**

Z spar furling masts require minimum maintenance.

The boom traveler should be flushed with detergent and fresh water regularly.

The furling rope should be replaced every four years or as required. Clean and flush top and bottom of furling mechanism regularly and spray with WD 40 or Harken lube (the ball bearings in the furling mechanism and halyard swivel are all stainless steel so need minimum maintenance).

Remove mainsail every year for inspection and every 3-4 years it is recommended that you let your local sailmaker inspect and service the sail.

## **Trouble Shooting:**

When unfurling the sail if there is resistance for the boom traveler to move, the most likely cause will be excessive mainsheet or vang/kicker tension. Check also for friction with in the halyard organizers or at the mast base blocks, if these do not move freely it will cause slowing of the gear.

If the sail is not new there may be localized hardening of the head reinforcement, or fraying at the leach, which can cause friction. It is worth having the sail checked every year to avoid such problems.

When unfurling the sail if there are creases originating at the luff, and if these cannot be removed by increasing the main halyard tension, the most likely cause is that the sail maker has made the luff too long, (too much halyard tension will also cause friction at the halyard swivel).

Alternatively, the sail may have been furled with too much kicker tension.

With any furling mast it is important that pre bend be kept to a minimum, although a small amount of bend can help stabilize the middle of the mast the straighter a furling mast is the better it will work, please refer to our tuning guide for help with mast set up.

If you are having ongoing problems with furling it is a good idea to remove the sail and then try turning the furling system to establish if your problem stems from the furling system or the sail. If you find the system works well without the sail it is advisable to have a sailmaker check the sail. We recommend Neil Pryde Sails Int, 203-874-6984 as a very reliable sailmaker who has a good knowledge and experience with our system.

If you find the system is not turning as free as it should then removing the drum is advisable, with the drum removed you can clean and inspect it for damage. If you have time you can send the drum to our facility in Florida where we can service the system and replace any necessary parts. The base cost for this service is approximately \$120.00 plus return shipping.

It is necessary to change to furling inhaul line regularly; this line can harden and flatten after just a season or two. If this line is not inspected and replaced when required it can jump the grooves in the drum and damage the back plate. We recommend the use of a good quality line with high abrasion resistance, your system will come fitted with metric line but if you have to use imperial line then replace 8mm with 5/16" and 10mm with 3/8".

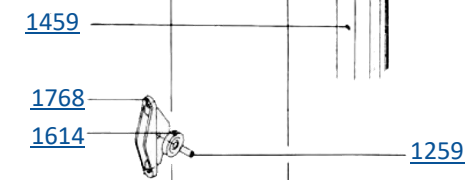
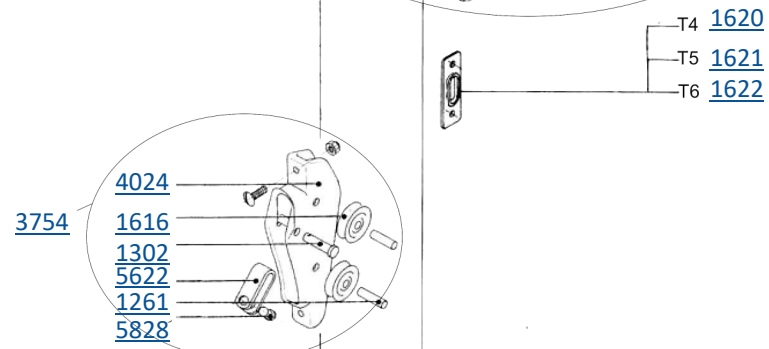
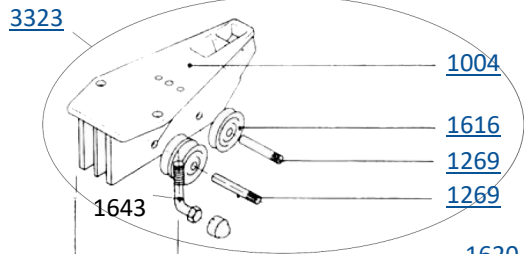
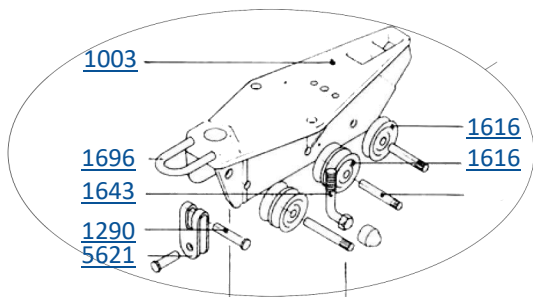
One thing to keep in mind when furling or unfurling is that you are trying to keep equal tension on the foot and leach of the main, if one has vastly different tension the sail will furl uneven.

Releasing all leach line tension will help when furling.

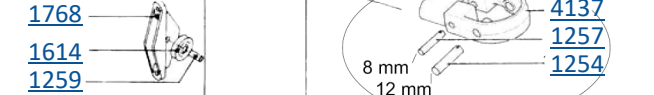
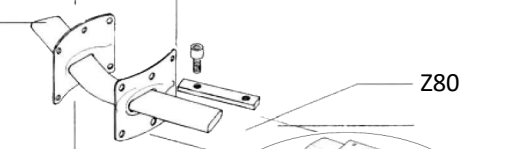
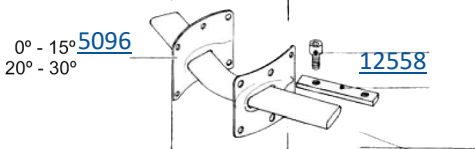
# MASTS

Z 300 E

Z 300 E 7/8

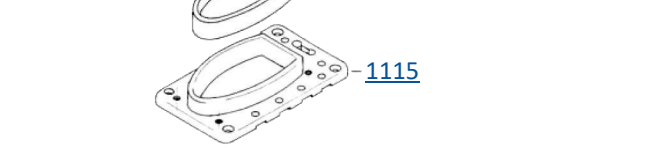
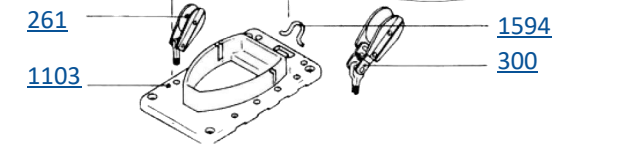
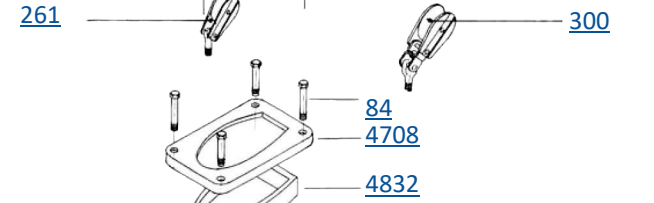
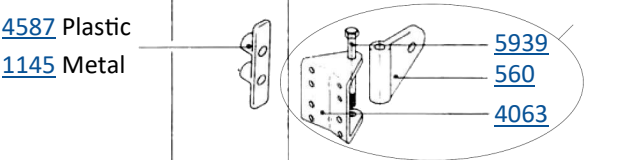
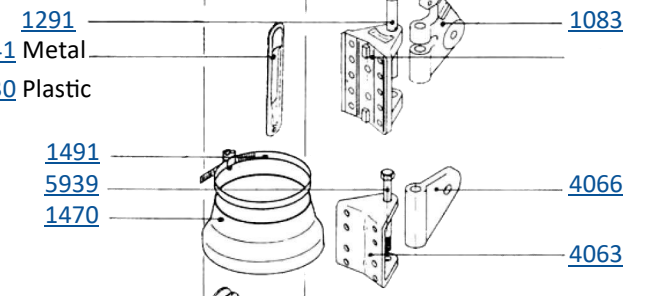
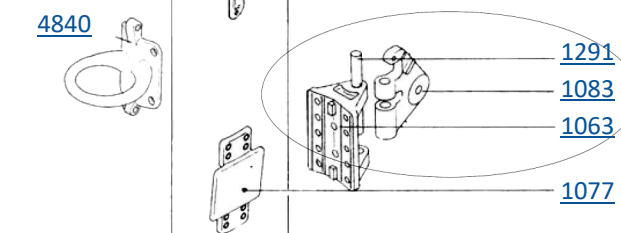


- 0° 5095
- 5° 5088
- 10° 5089
- 15° 5090
- 20° 5091
- 25° 5093
- 30° 5092



1241 Metal  
1630 Plastic

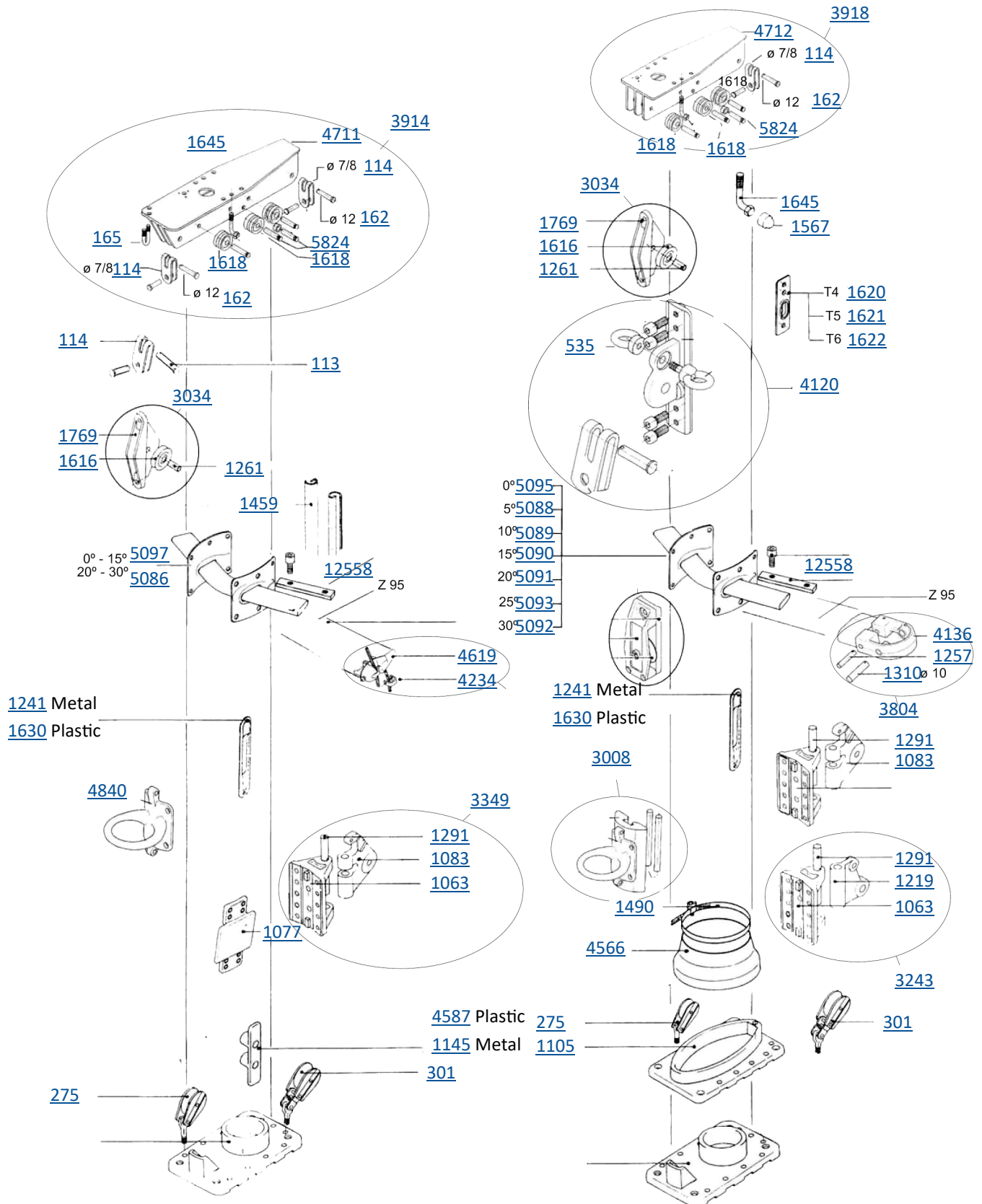
1291  
1241 Metal  
1630 Plastic



# FURLING MASTS

Z 400 E

Z 400 E 7/8

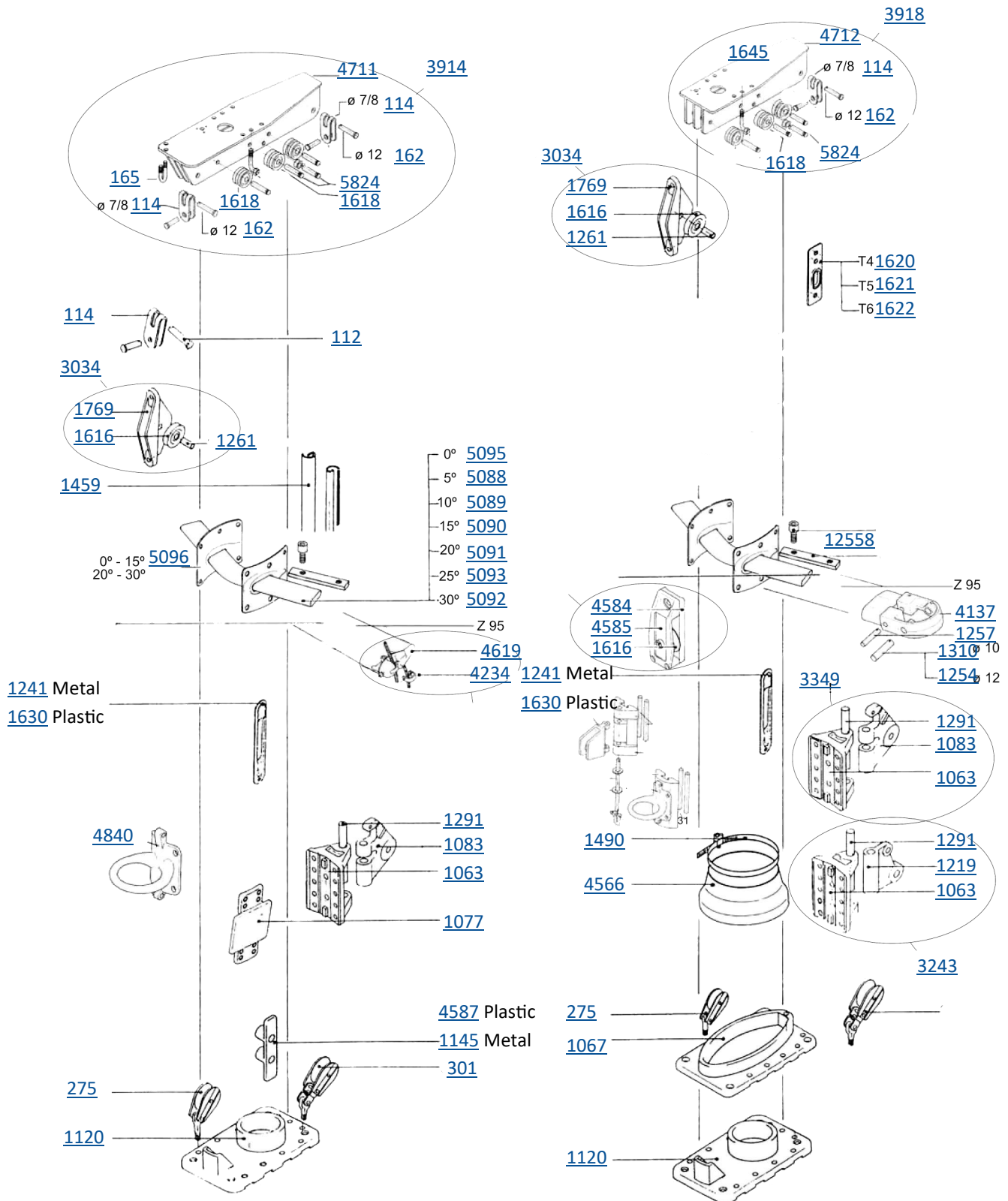




# FURLING MASTS

Z 500 E

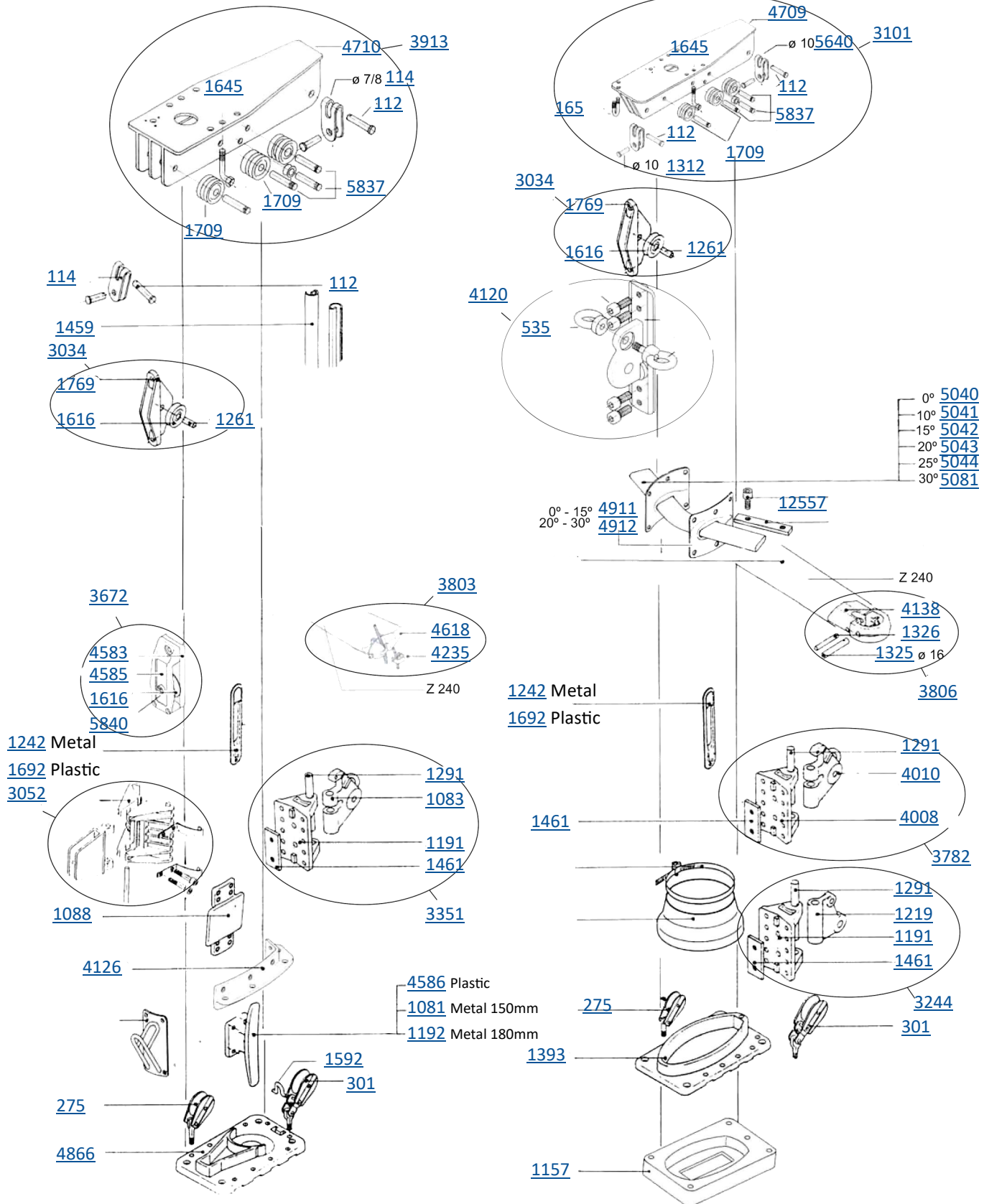
Z 500 E 7/8



# FURLING MASTS

Z 602 E 7/8

Z 602 E

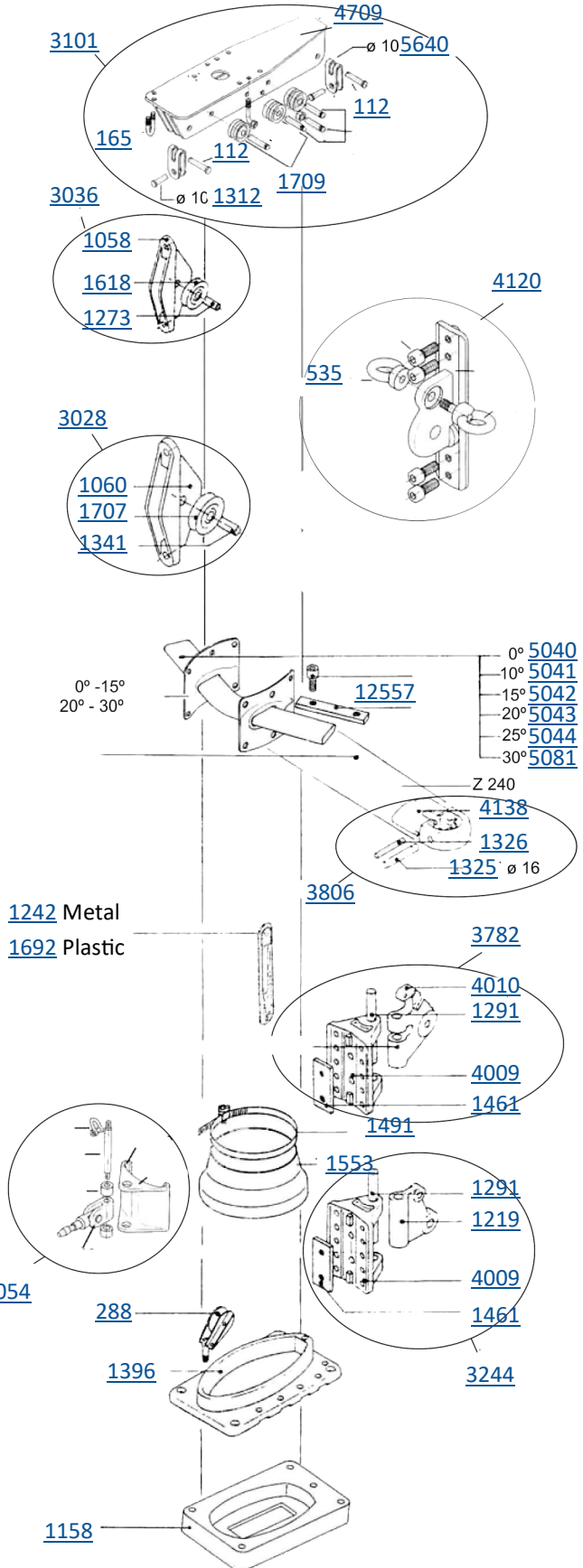
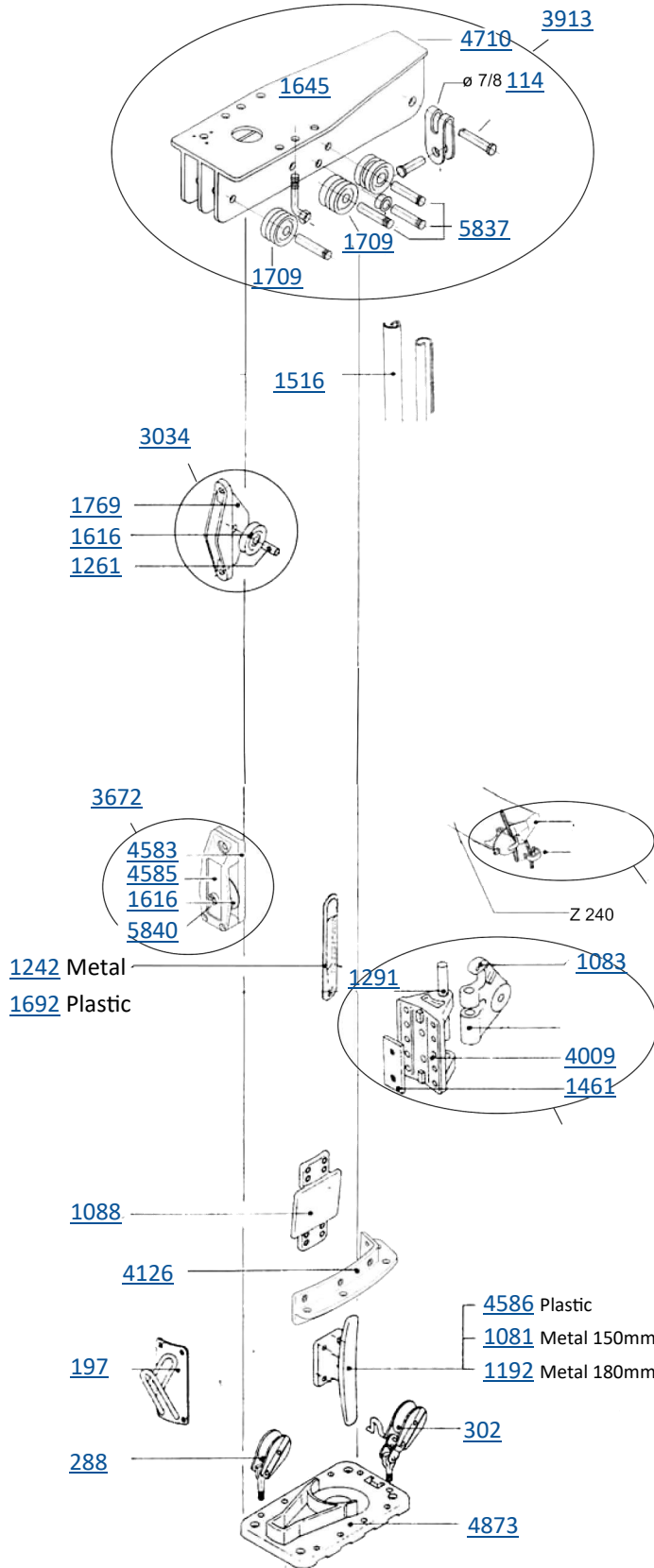




# FURLING MAST

Z 702 E

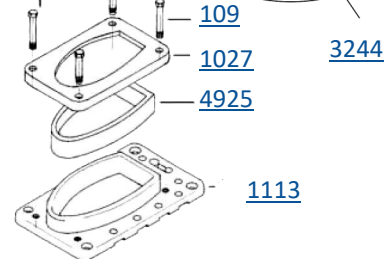
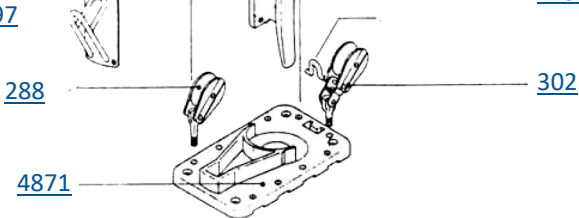
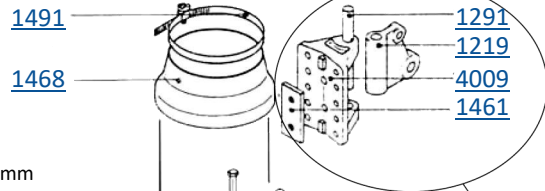
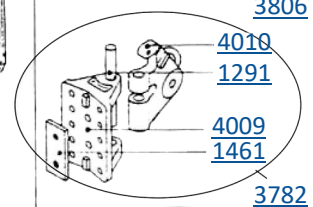
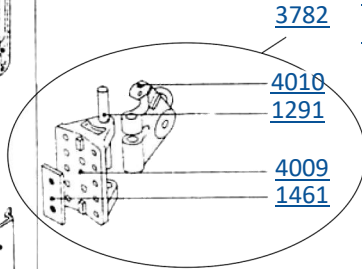
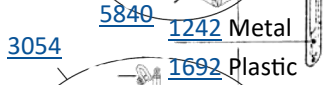
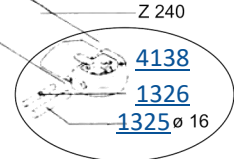
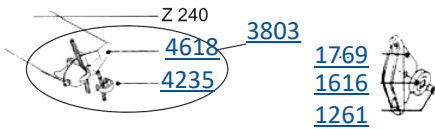
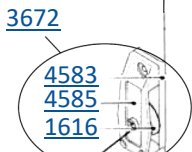
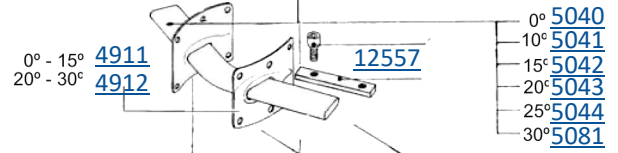
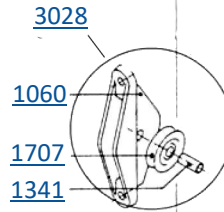
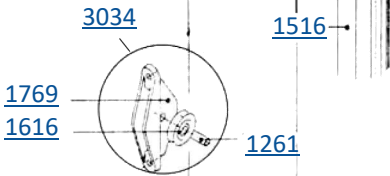
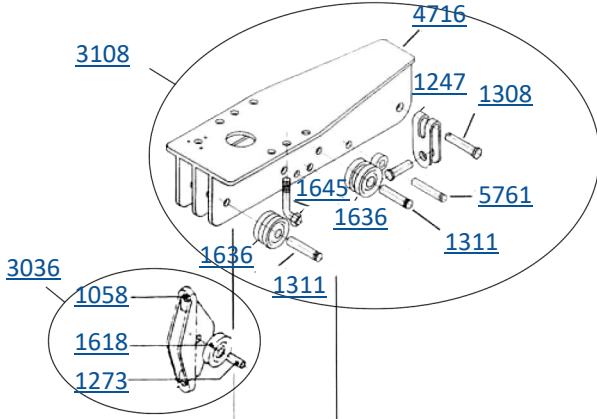
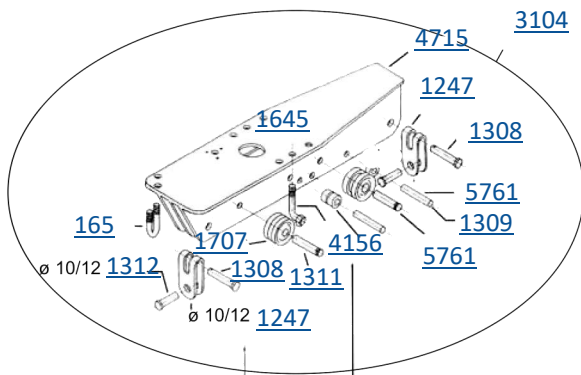
Z 702 E 7/8



# FURLING MASTS

Z 902 E

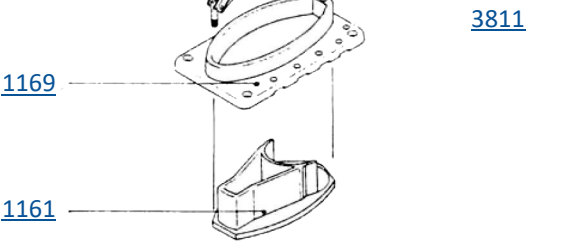
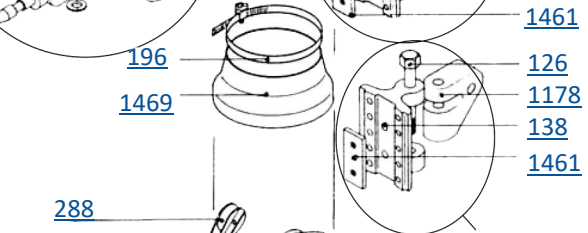
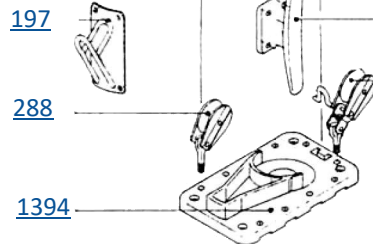
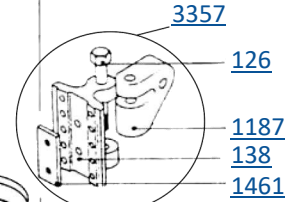
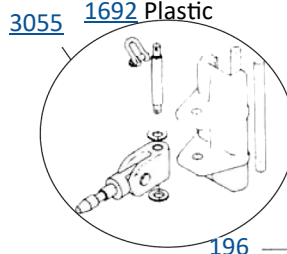
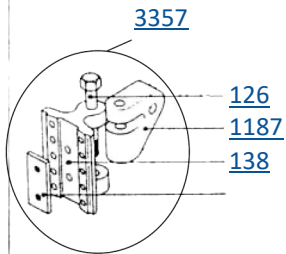
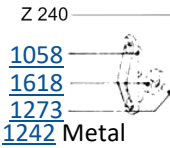
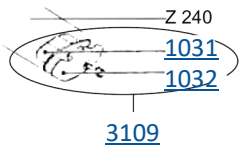
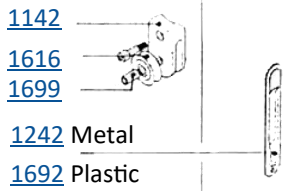
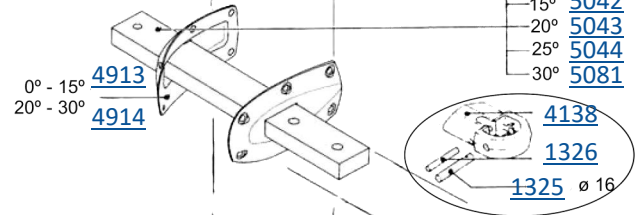
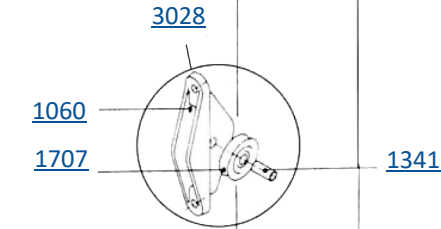
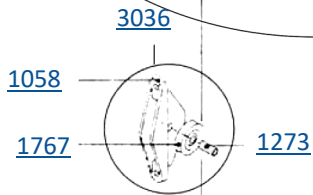
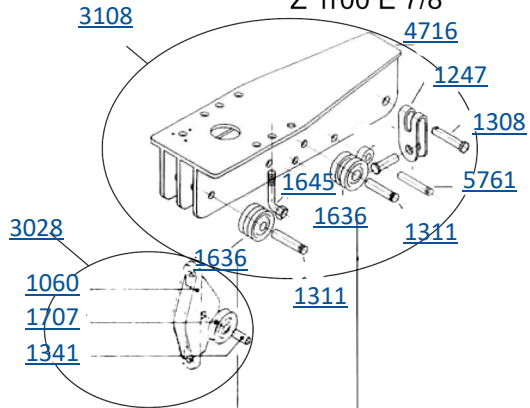
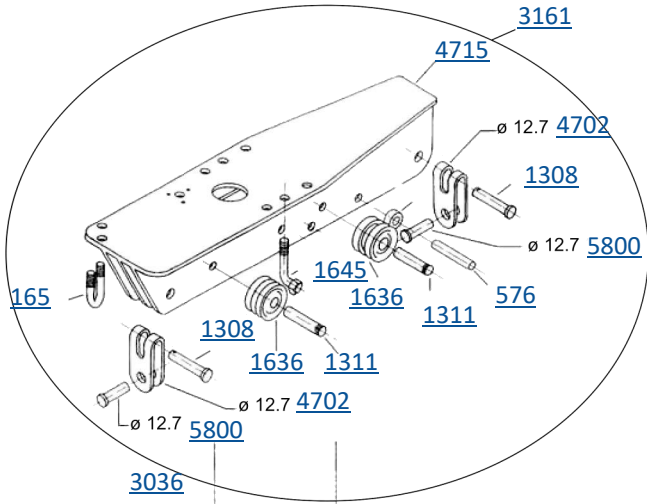
Z 902E 7/8



# FURLING MASTS

Z 1100 E

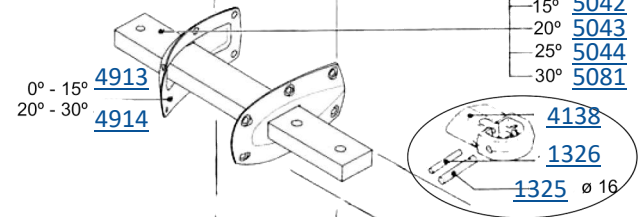
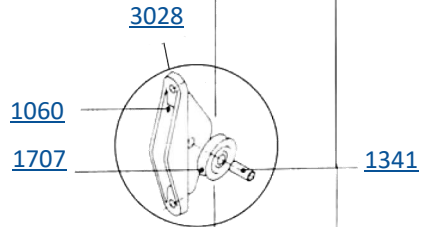
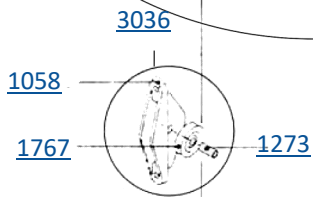
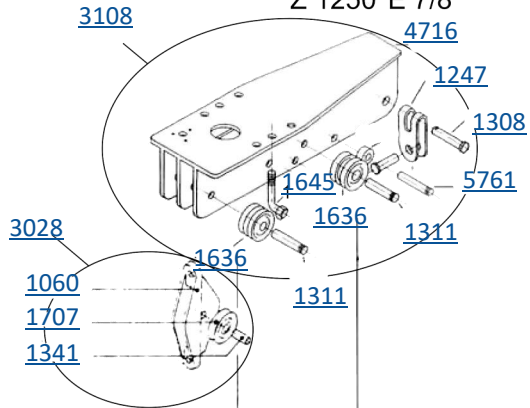
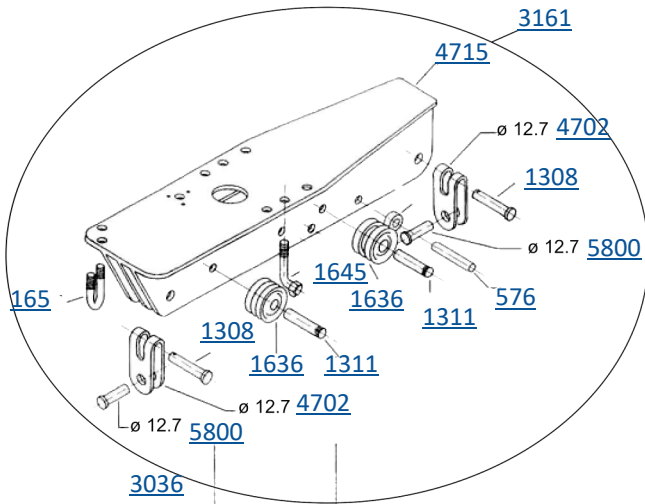
Z 1100 E 7/8



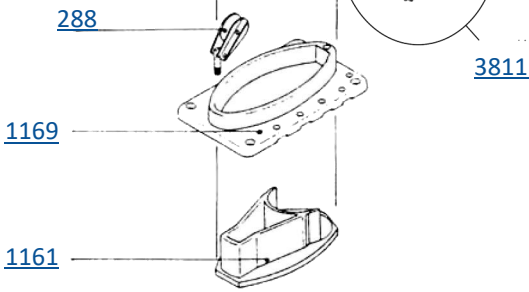
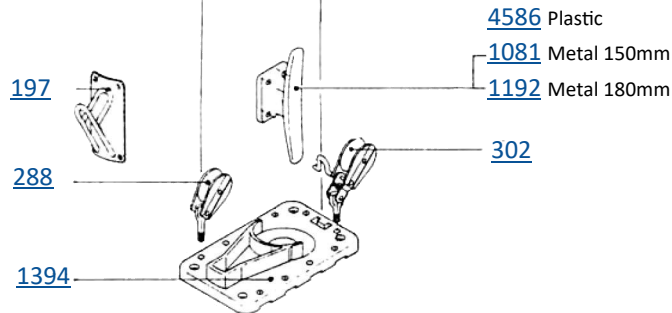
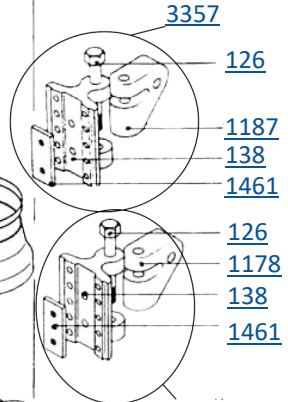
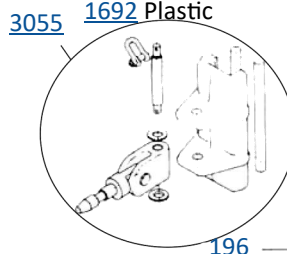
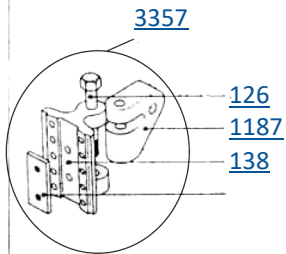
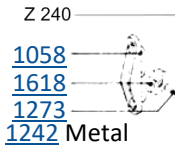
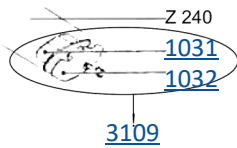
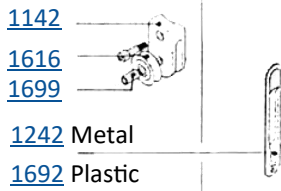
# FURLING MASTS

Z 1250 E

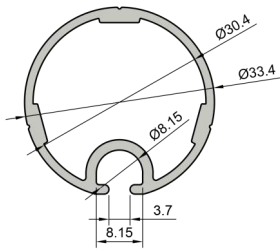
Z 1250 E 7/8



- 0° [5040](#)
- 10° [5041](#)
- 15° [5042](#)
- 20° [5043](#)
- 25° [5044](#)
- 30° [5081](#)

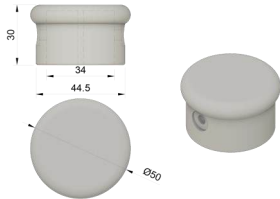


# Foil Sections

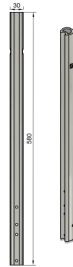


**Z55**  
Foil Section

# Foil Parts



**#4540**  
Foil Cap for Z55



**#1792**  
Drum Inner Foil Connection  
Z400E - Z1100



**#4266**  
Drum Inner Foil Connection  
Z1251E



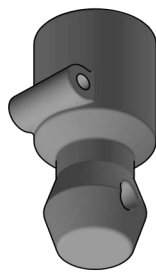
**#4860**  
Drum Foil Connection  
Z300E - Z532E



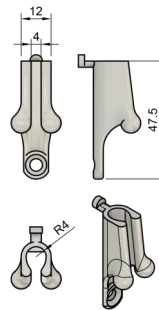
**#4861**  
Drum Foil Connection  
Z600E - Z902E



**#4862**  
Drum Foil Connection  
Z1100E

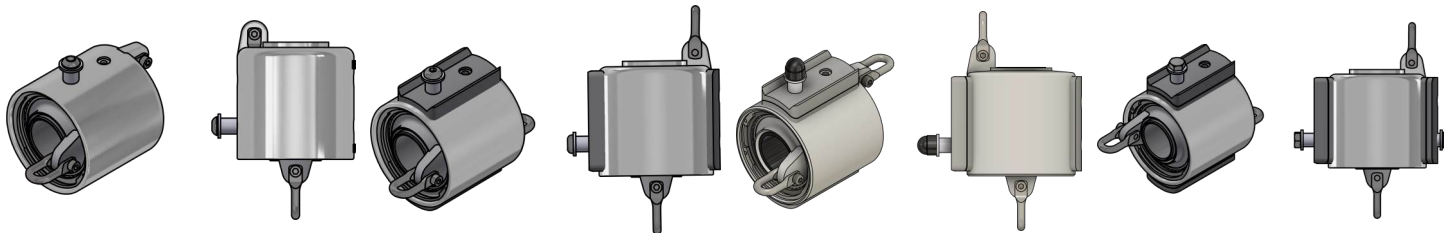


**#4482**  
Drum Foil Connection  
Z1253E



**#1593**  
Furling Rod Sail Entry SS

# Halyard Swivels



[#3164](#)

Halyard Swivel  
Z400E-Z500E

[#3000](#)

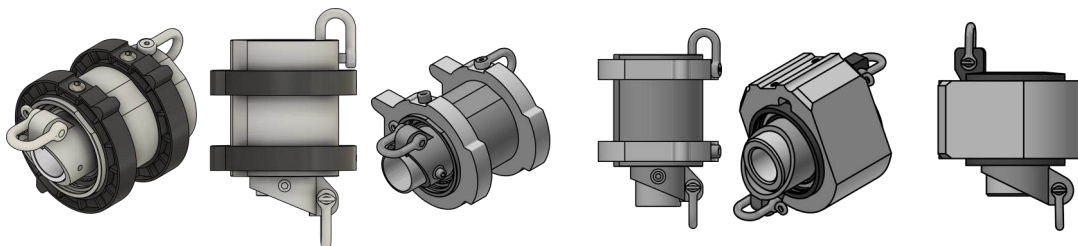
Halyard Swivel  
Z532E

[#3007](#)

Halyard Swivel  
Z602E

[#3792](#)

Halyard Swivel  
Z702E



[#3159](#)

Halyard Swivel  
Z902E / Z1100E

[#3366](#)

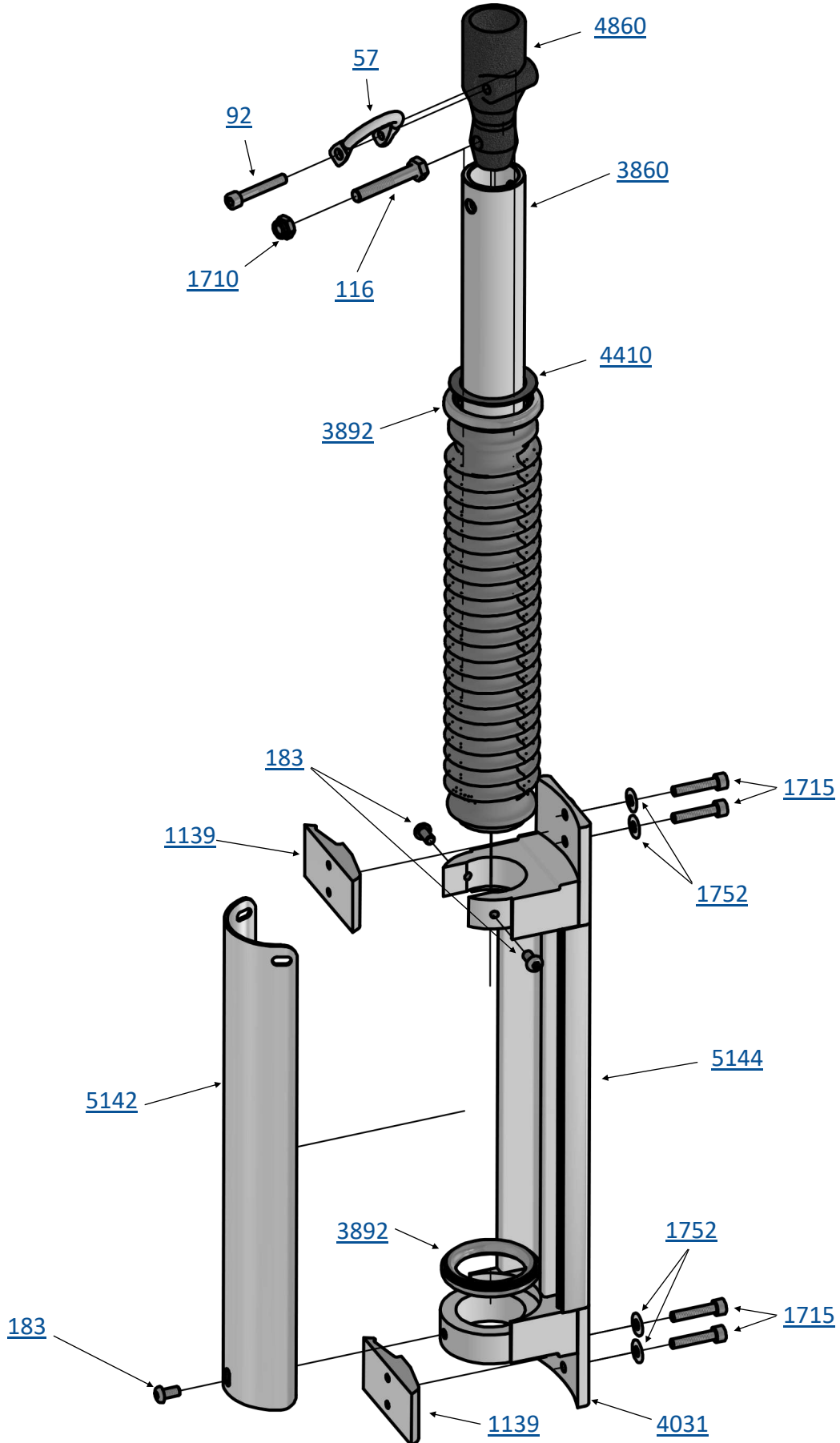
Halyard Swivel  
Z1252E

[#3005](#)

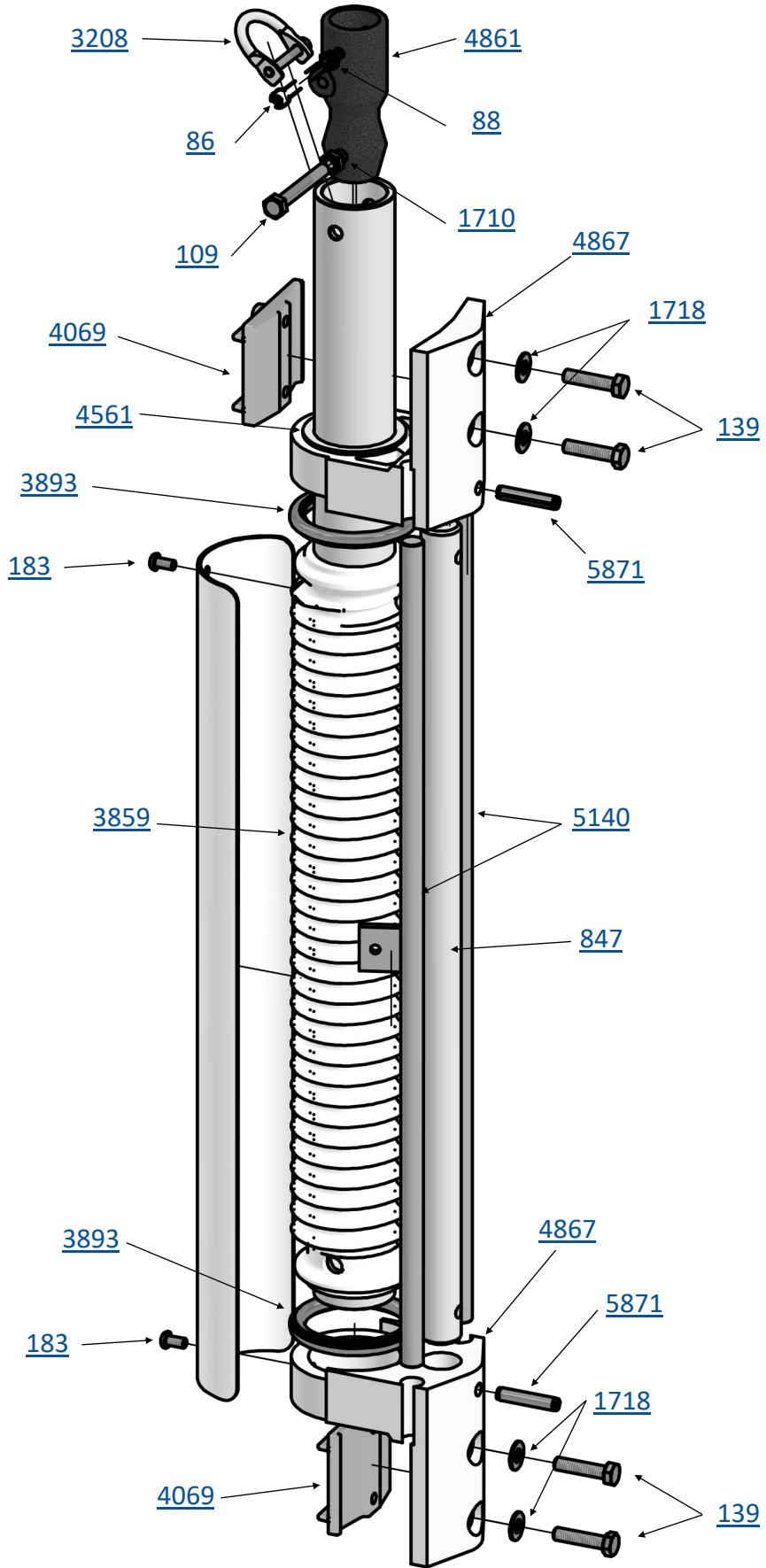
Halyard Swivel  
Z1400E



# Furling Drum Layout Z402E-Z532E -- 3876

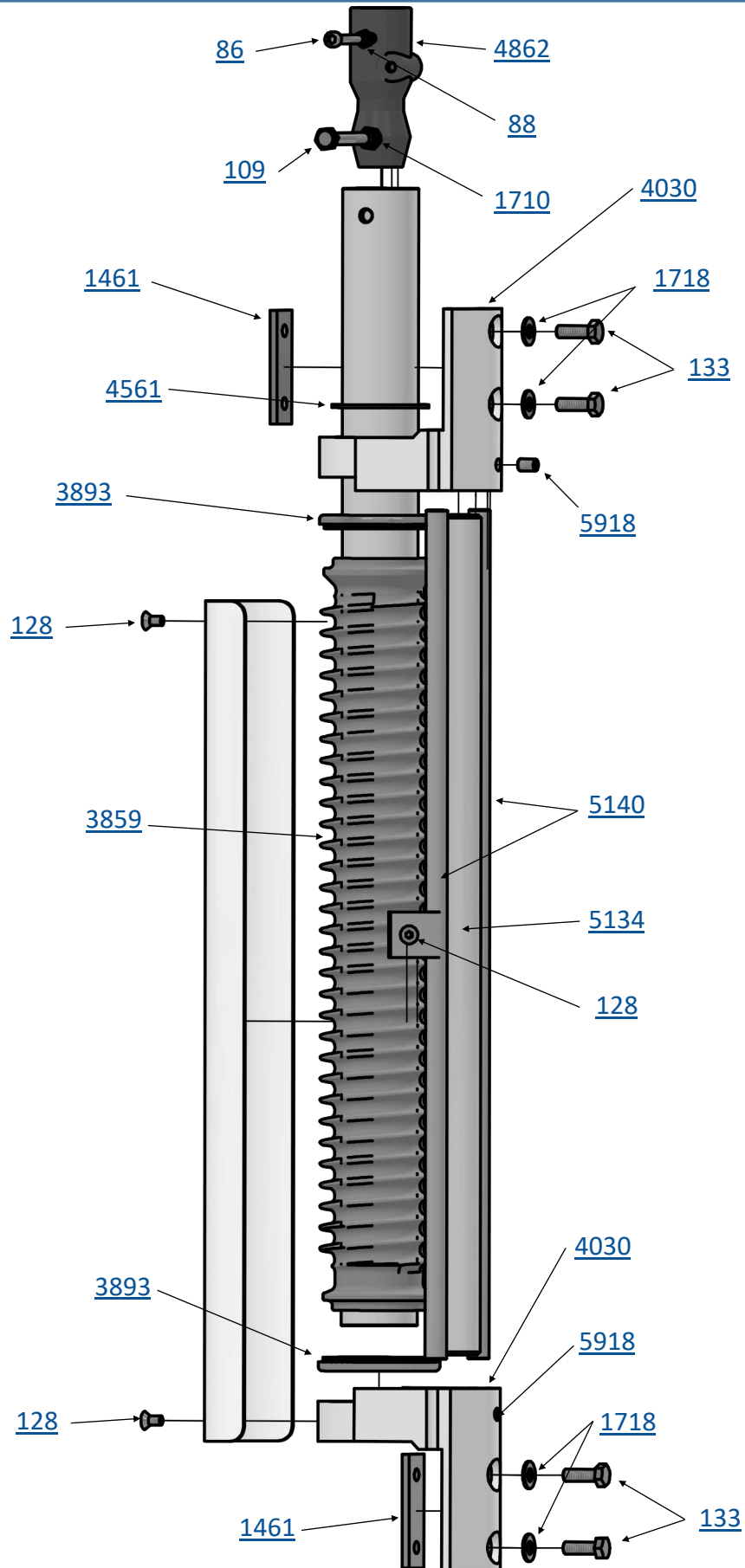


# Furling Drum Layout Z602E-Z902E -- [3633](#)

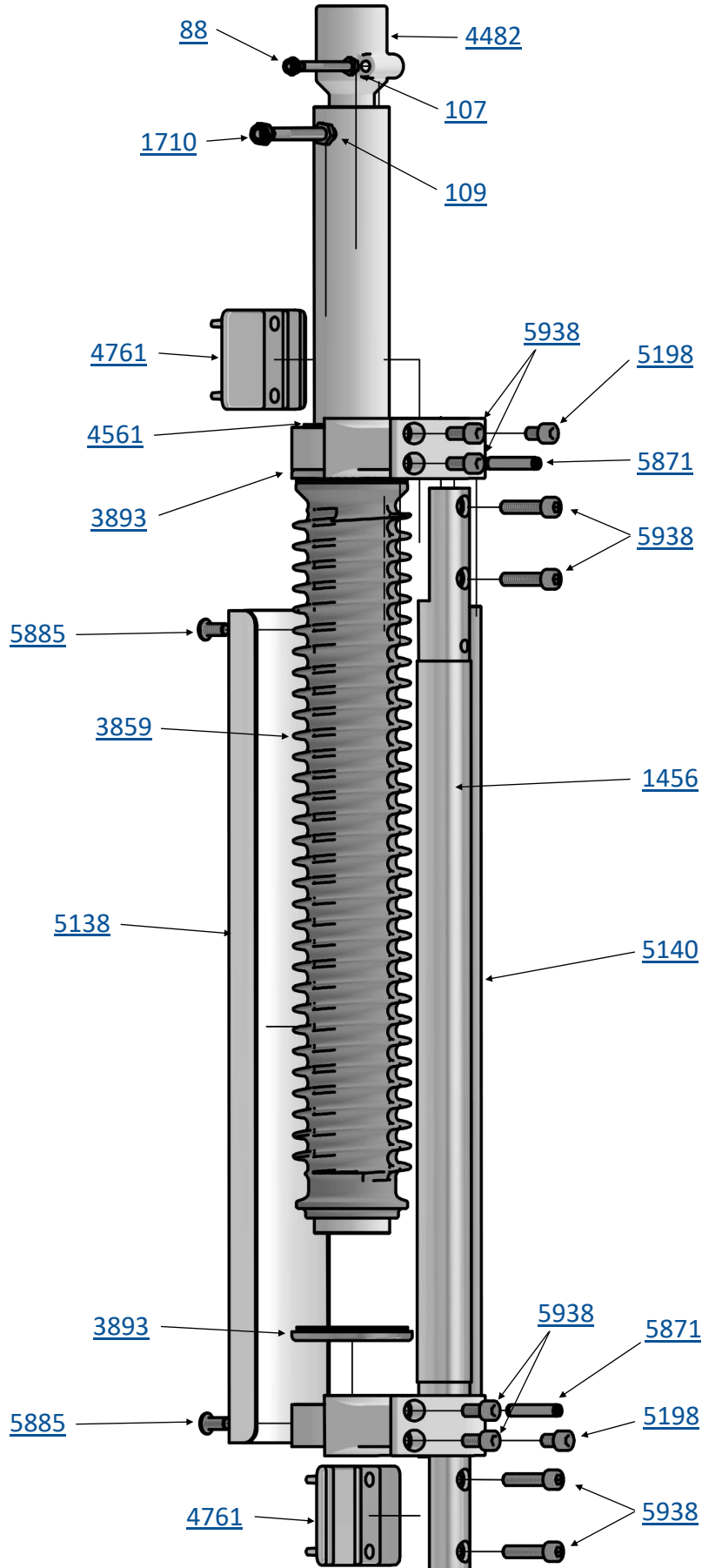




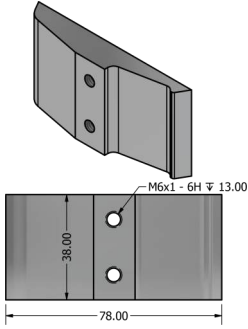
# Furling Drum Layout Z1100E -- [3627](#)



# Furling Drum Layout Z1252E -- [3367](#)

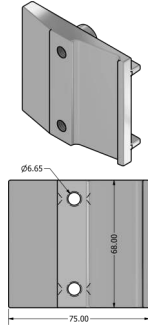


# Backing Plates



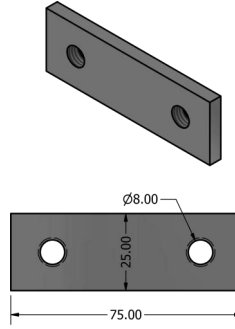
**#1139**

Backing Plate for Furling Drum  
Z402E-Z532E



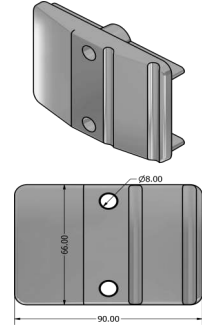
**#4069**

Backing Plate for Furling Drum  
Z602E-Z902E



**#1461**

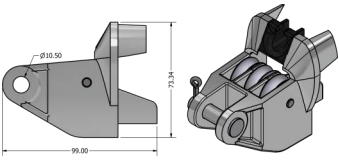
Backing Plate for Furling Drum  
Z1100E



**#4761**

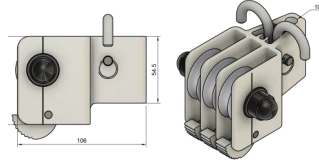
Backing Plate for Furling Drum  
Z1252E

# Inboard Boom Ends



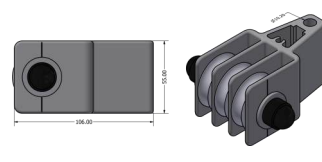
#3119

**Inboard Casting Cruiser  
Z120**



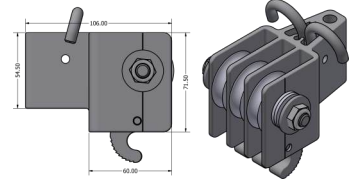
#3575

**Inboard Boom End  
w/ Jammers & Hooks  
Z162**



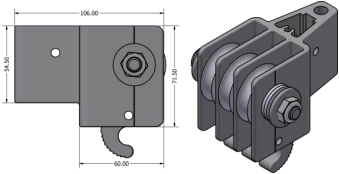
#3571

**Inboard Boom End  
Z162**



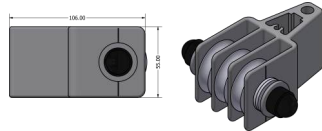
#3681

**Inboard Boom End  
w/ Jammers & Hooks  
Z202**



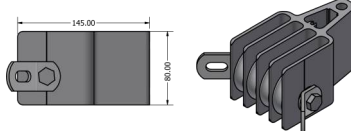
#3617

**Inboard Boom End  
w/ Jammers  
Z202**



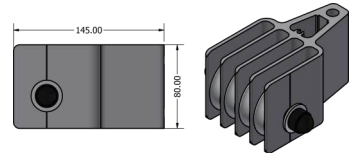
#3573

**Inboard Boom End  
Z202**



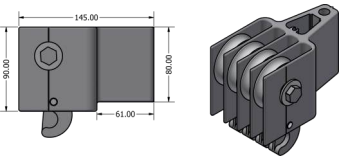
#3875

**Inboard Boom End  
w/ Hangers  
Z362**



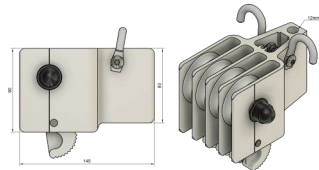
#3040

**Inboard Boom End  
Z362**



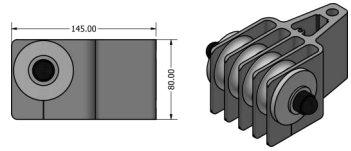
#3531

**Inboard Boom End  
w/Jammers  
Z362**



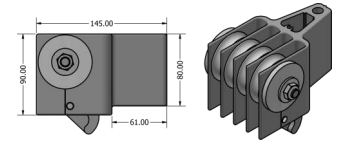
#3153A

**Inboard Boom End  
w/ Jammers and Hooks  
Z362**



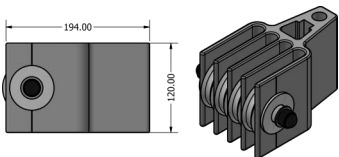
#3515

**Inboard Boom End  
Z482**



#3530

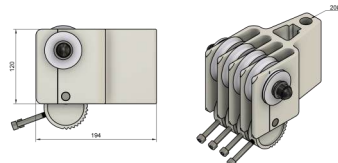
**Inboard Boom End  
w/ Jammers  
Z482**



#3972A

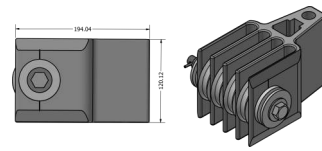
**Inboard Boom End  
Z692**

**Bushed Down:  
14mm - [3560A](#)  
12mm - [3561A](#)**



#3973A

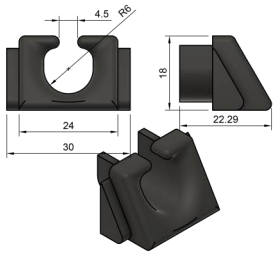
**Inboard Boom End  
w/ Jammers  
Z692**



#3035A

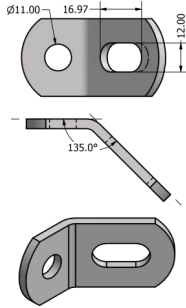
**Inboard Boom End  
Z792**

# Boom End Parts



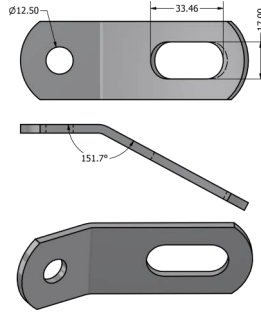
#1711

Boom Sail Entry



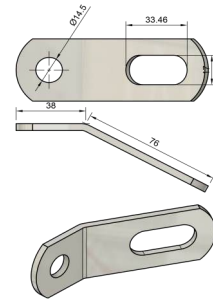
#1565

German Mainsheet  
Block Hanger  
Dia 10 mm



#5207

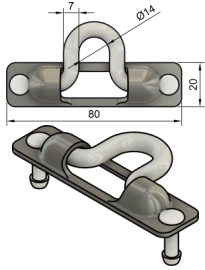
German Mainsheet  
Block Hanger  
Dia 12 mm



#5227

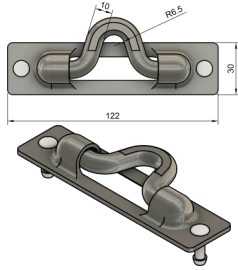
German Mainsheet  
Block Hanger  
Dia 14 mm

# Boom Bails



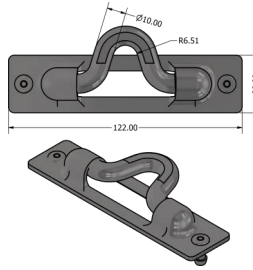
#3044

**Boom Bail**  
Z160/Z162/Z202/Z204



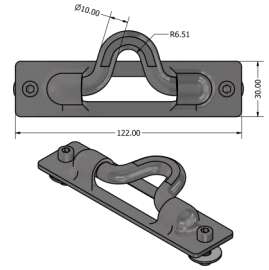
#3045

**Reef Bail**  
Z360/Z480



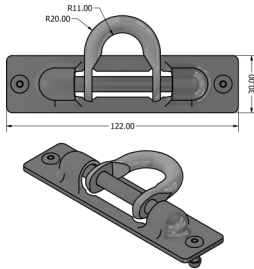
#3566

**Reef Bail**  
Z362/Z482



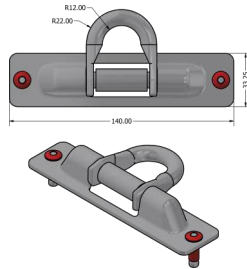
#3106A

**Reef Bail w/ Screws**  
Z360/Z362/Z480/Z482



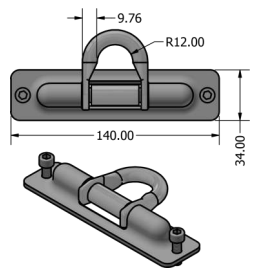
#3385

**Mainsheet Bail**  
Z360/Z362/Z480/Z482



#3455

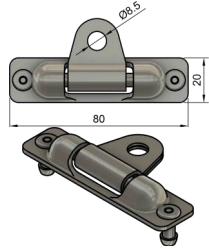
**Boom Bail**  
Z692/Z792



#3457

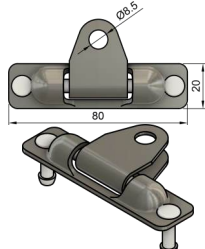
**Boom Bail w/ Screws**  
Z692/Z792

# Boom Vang Sliders



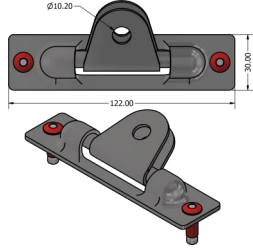
#3484

**Vang Slider for Small Vang**  
Z160/Z162/Z202/Z204



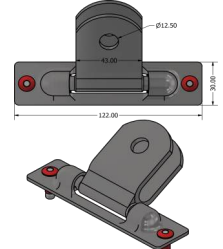
#3046

**Vang Slider for Medium Vang**  
Z160/Z162/Z202/Z204



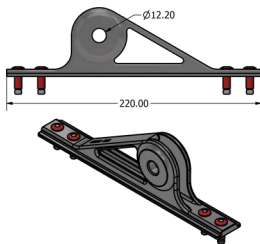
#3047

**Vang Slider for Medium Vang**  
Z360/Z362/Z480/Z482



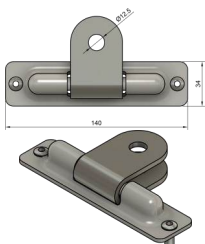
#3824

**Vang Slider for Large Vang**  
Z360/Z362/Z480/Z482



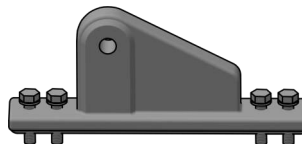
#3298A

**Heavy Duty Vang Bracket**  
for Large Vang  
Z362-Z482



#3456

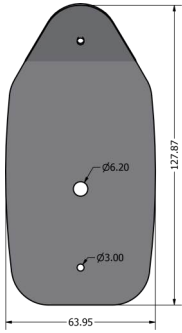
**Vang Slider for Large Vang**  
Z692



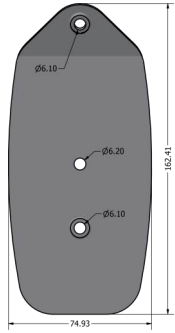
#3687

**Heavy Duty Vang Bracket**  
for Large Vang  
Z792

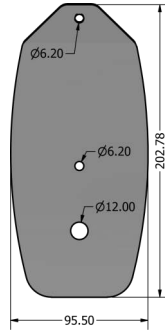
# Boom End Caps



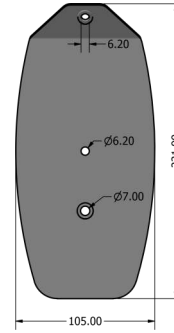
**#4456**  
**Z162**  
**Boom Cap**



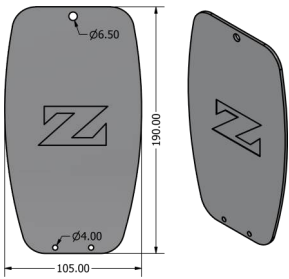
**#4434**  
**Z202**  
**Boom Cap**



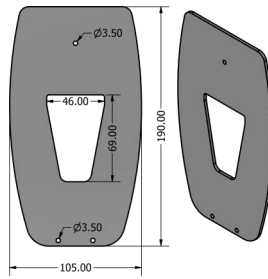
**#4331**  
**Z362**  
**Boom Cap**



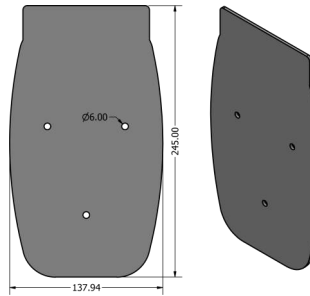
**#4332**  
**Z482**  
**Boom Cap**



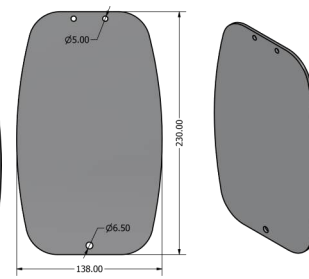
**#4332A**  
**Z482E**  
**Boom Cap**



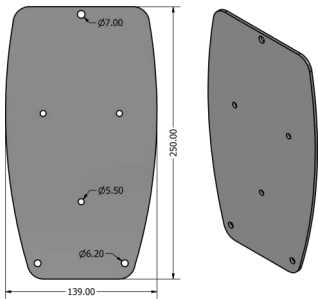
**#4332B**  
**Z482**  
**Boom Cap Special**



**#4490**  
**Z692**  
**Boom Cap**



**#4489**  
**Z692E**  
**Boom Cap**



**#5146**  
**Z792**  
**Boom Cap**



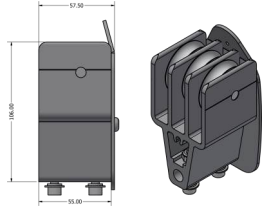
# Outboard Complete Boom Ends

Photos  
Coming  
Soon



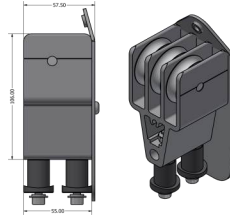
#3119

Outboard Casting Cruiser  
Z120



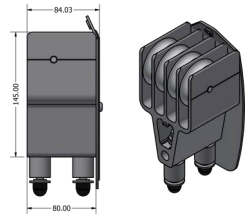
#3572

Outboard Boom End  
Z162



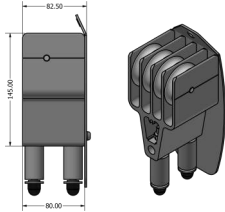
#3574

Outboard Boom End  
Z202



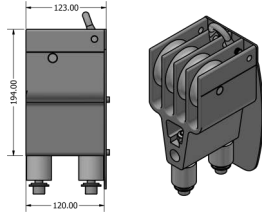
#3041

Outboard Boom End  
Z362



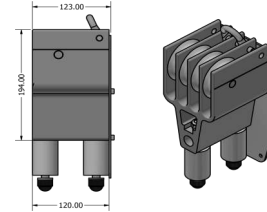
#3516

Outboard Boom End  
Z482



#3554A

Outboard Boom End  
Z692

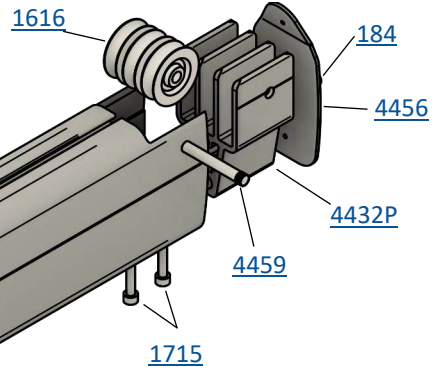


#3033A

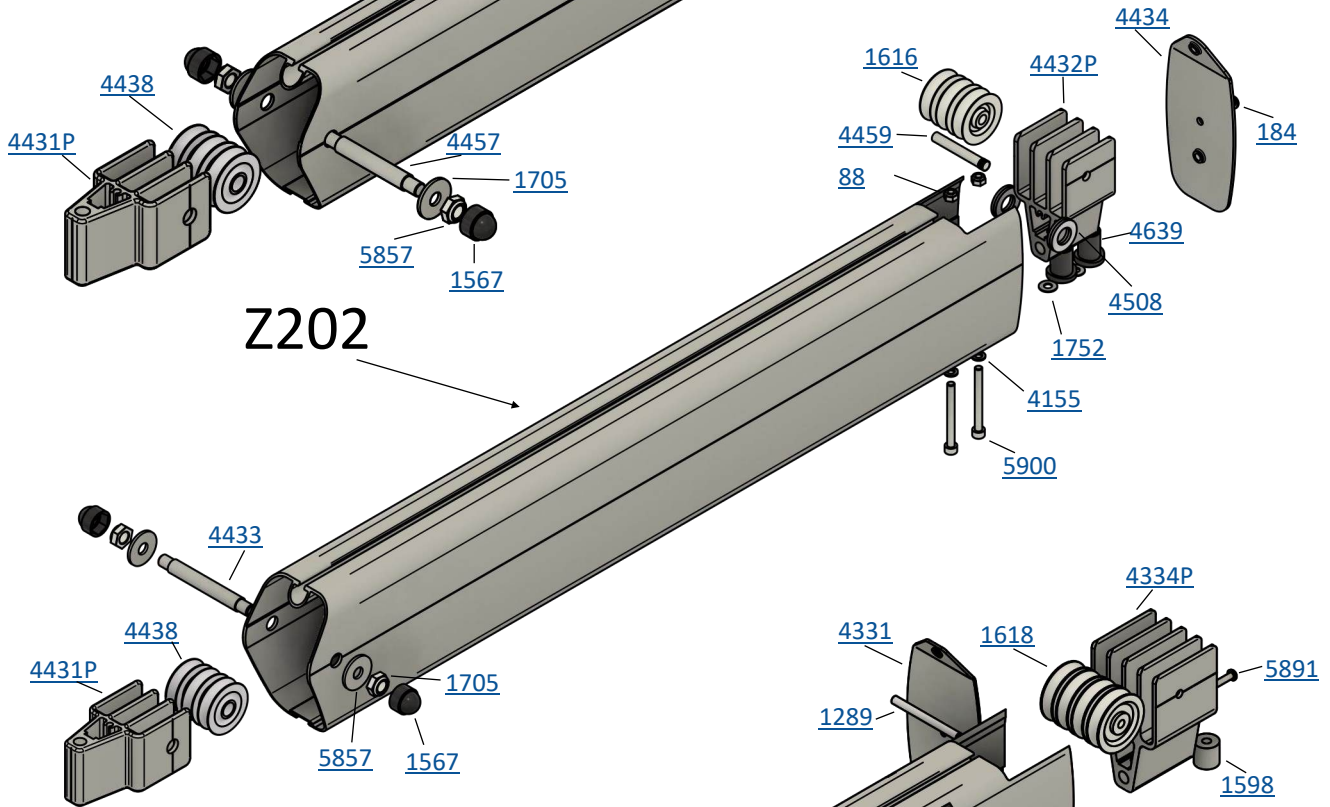
Outboard Boom End  
Z792

# BOOMS

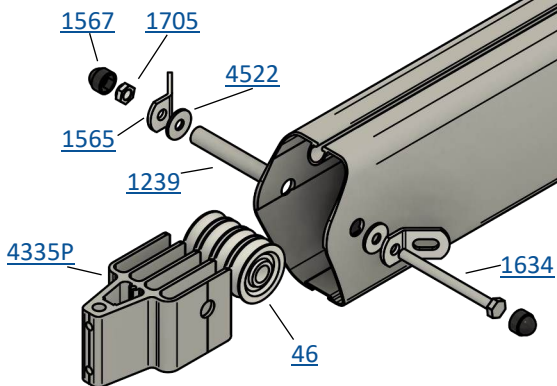
## Z162



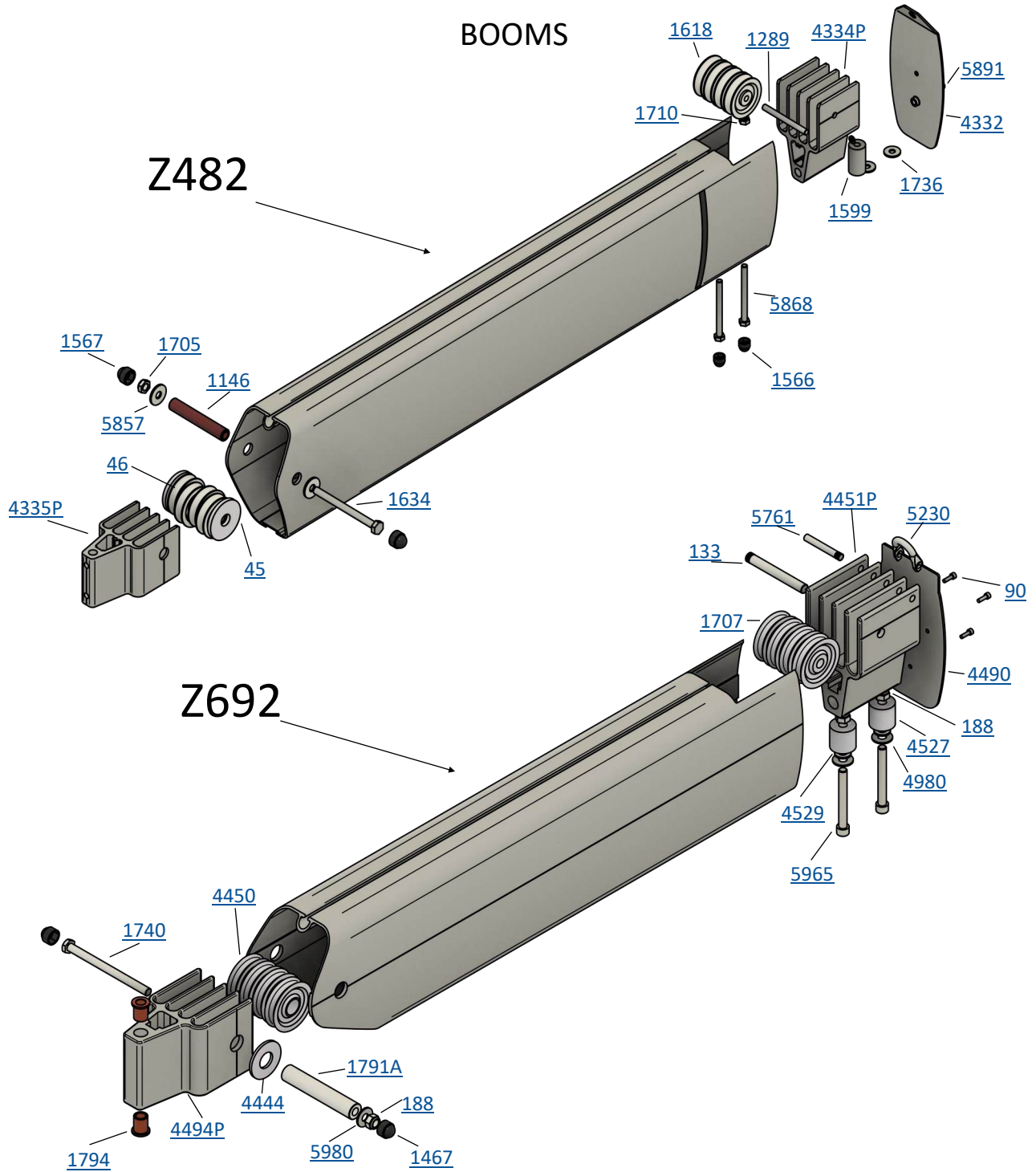
## Z202



## Z362

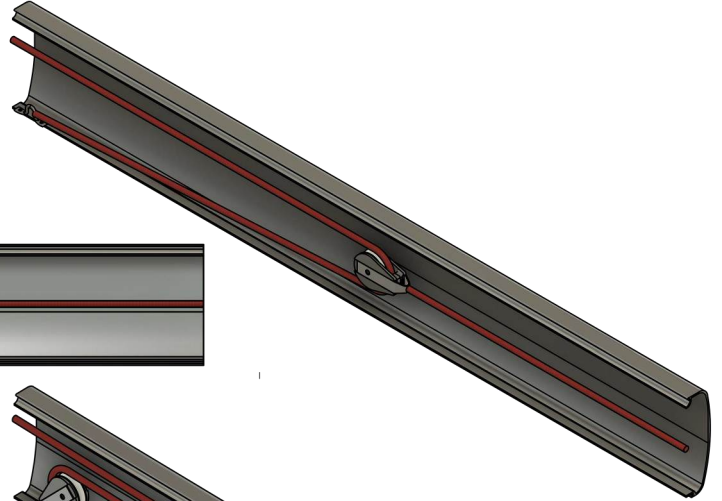
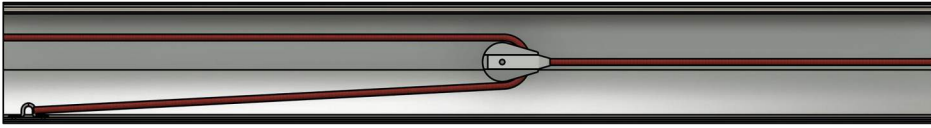


# BOOMS

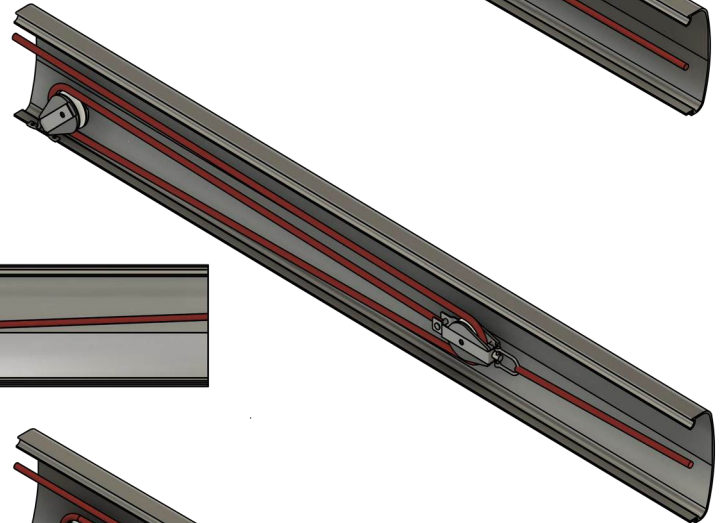


# Boom Purchase Drawings

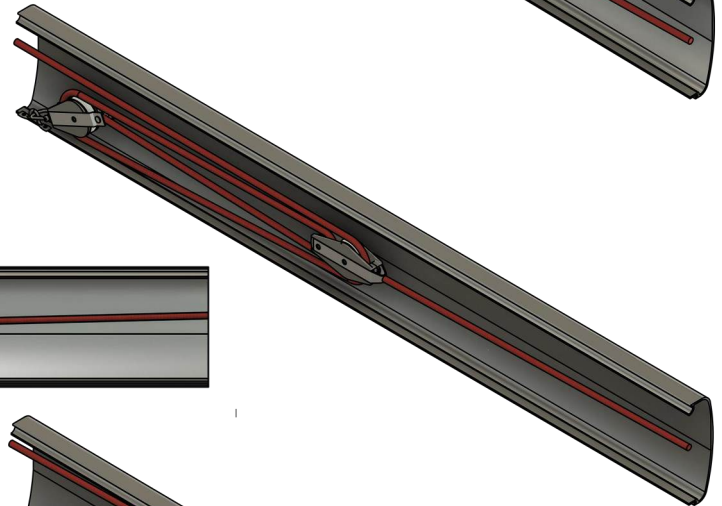
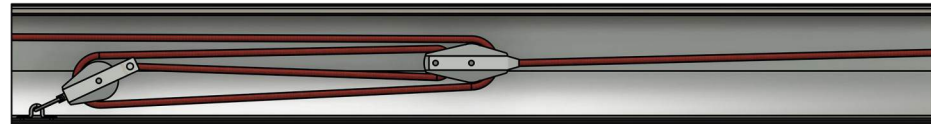
## 2:1 Boom Purchase



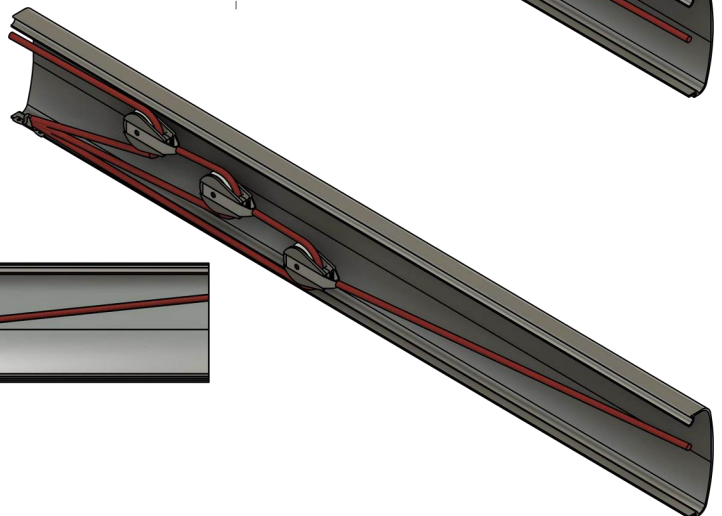
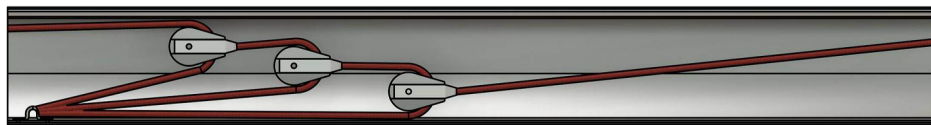
## 3:1 Boom Purchase

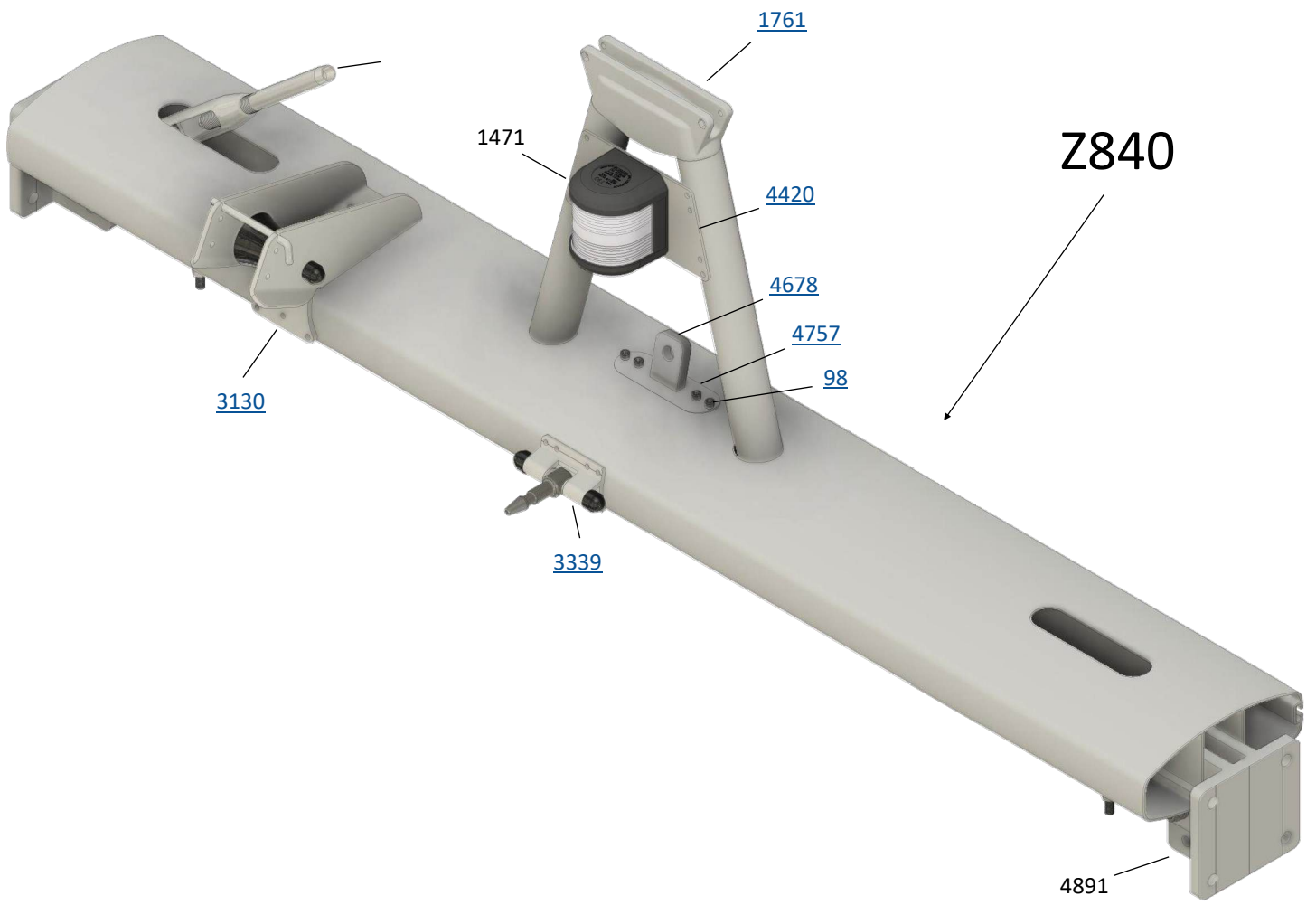


## 4:1 Boom Purchase

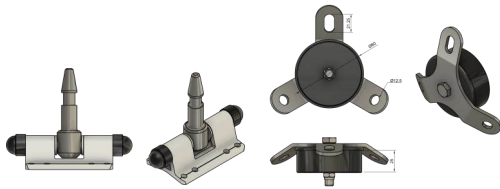


## 8:1 Boom Purchase





# Bow Sprit Pole Accessories



[#3339](#)

**Bow Sprit Pole Bracket**

[#3698](#)

**80mm Bow Sprit  
Delta Plate**

# Additional Tips and Links

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[OC 45 IWC Parts Manual](#)

[OC 45 RF Parts Manual](#)

[Jeanneau 41 RF Parts Manual](#)

[Jeanneau 44 RF Parts Manual](#)

## Technical References

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