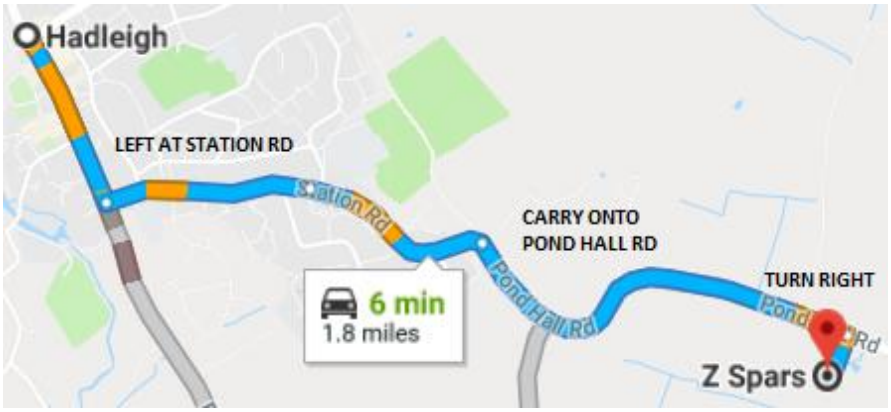
Z Spars UK makes alloy masts, booms, spars, rigging and fittings for boats from dinghies to 60 foot yachts. In addition to supplying the leading production boatyards, we specialise in custom made spars for professional and home boat builders in single lengths up to 18.4 metres.

We can supply spars, rigging and accessories worldwide.

We have a large modern factory on the outskirts of Hadleigh, near Ipswich, Suffolk. Our staff are available to discuss your requirements, but please call us first to confirm that the relevant member of staff will be present when you arrive.

HADLEIGH TO Z SPARS



IPSWICH TO Z SPARS

At Z Spars we do our utmost to satisfy our customers' requirements.

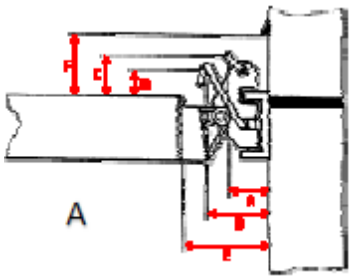
Here are some customer comments:
"It's been an absolute pleasure dealing with you"
"Just wanted to say, brilliant service, parts were perfect"
"Many thanks to all at Z Spars who have helped me get my boat back on the water"
"A note to say how much we have appreciated your prompt and efficient supply of spars and equipment during the past year"
"Thank you very much for the extremely rapid service you gave us over our replacement shrouds… we are singing your praises to everyone we talk to"
"So please pass on my thanks to all… I now have my first silverware thanks to the new mast!"

T: 01473 822130 E: sales@zsparsuk.com W: www.zsparsuk.com
Z Spars International LTD, Unit 2, Pond Hall Road, Hadleigh, Ipswich, Suffolk, IP7 5PW

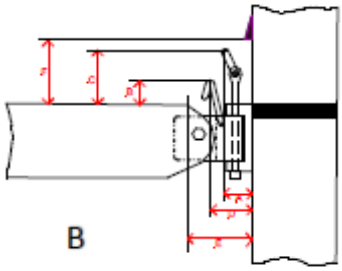
Sail Makers Information

	Z145	Z170	Z190	Z230	Z265	Z301	Z351	Z380	Z401	Z501*	Z531	Z601	Z701	Z901	Z1001	Z1400
Sail slide	AO13	AO13	AO13	AO13	AO13	HA89	AO13	AO13	AO14	HA89	AO14	AO15	AO15	HA91	HA91	HA91
Alternative	AO16	AO16	AO16	AO16	AO14	AO14	AO14			AO14		AO14	AO14			
*Z501 sections: check with your specific mast for your appropriate slide																
Luff Rope	8	8	8	8	8		8	8	10	10	10	10	10			

BOOMS	A	B	C	D	E	F	G	H	Foot Rope	Slide
Drawing A										
Z120 dinghy	55	5	15	15	80	250			8	
Z120 cruiser	40	40	20	60	130	250			8	
Z160	70	20	40	70	140	280			8	A032
Z204	70	30	45	80	170	280			8	A032
Z360	70	20	40	80	200	280			10	B012
Z480	60	0	20	90	200	280			10	B012
Z690	CALL Z SPARS UK									

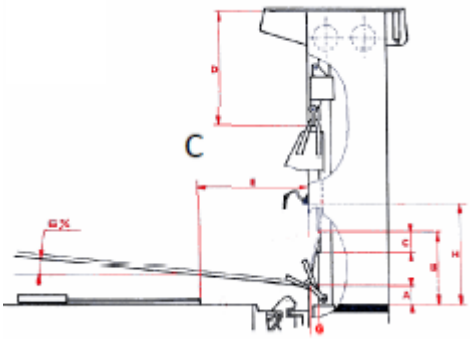


02 PROFILE BOOMS	A	B	C	D	E	F	G	H	Foot Rope	Slide
Drawing B										
Z162	50	0	40	60	95	280			8	A032
Z202	50	-10	35	60	95	280			8	B032
Z362	60	40	50	100	140	280			10	B012
Z482	60	30	40	100	150	280			10	B012



FURLING MASTS	A	B	C	D	E	H	Luff Rope	Trysail Slide
Drawing C								
Z300E	60	500	100	400	800	100	6	HA89
Z400E	60	500	100	400	800	100	6	HA89
Z500E	60	500	100	400	800	100	6	HA89
Z600E	60	500	100	400	1000	100	6	HA91
Z700E	60	500	100	450	1000	100	6	HA91
Z800E	60	500	100	450	1000	100	6	HA91
Z900E	60	500	100	450	1200	100	6	HA91
Z1100E	60	500	100	450	1500	100	6	HA91
Z1400E	60	500	100	450	1500	100	6	HA91

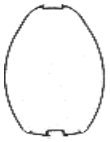
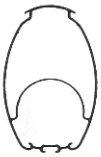
All Sections:
G = 20mm



Furling mainsails cannot use battens
Use 6% slope of foot
Luff rope size is sailmakers finished size

T: 01473 822130 E: sales@zsparsuk.com W: www.zsparsuk.com
Z Spars International LTD, Unit 2, Pond Hall Road, Hadleigh, Ipswich, Suffolk, IP7 5PW

Current Mast & Boom Sections

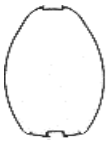
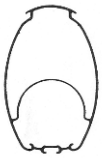
SECTION REFERENCE	DIMENSIONS mm	INERTIAE (see note 1) cm4	WALL THICKNESS (see note 2) mm	WEIGHT / METRE kg	APPROX YACHT SIZE ft	SCHEMATIC VIEW
Delta Masts						
Z145	81 x 68	45 x 29	2.1	1.45	15-19	
Z170	98 x 68	65 x 33	1.9	1.65	18-20	
Z190	108 x 78	94 x 50	2	1.92	20-22	
Z230	122 x 82	143 x 69	2.3	2.29	23-26	
Z265	143 x 96	238 x 118	2.2	2.72	24-26	
Z351	160 x 105	391 x 173	2.2	3.44	26-29	
01/02 Series Masts						
Z531	200 x 124	998 x 380	3.3	5.33	30-35	
Z602	223 x 138	1411 x 518		6.21	34-36	
Z702	240 x 146	1951 x 726		7.61	36-38	
Z902	257 x 160	2641 x 1022		8.96	38-43	
Z1250	310 x 182	4994 x 1838		11.76	50-53	
Furling Masts						
Z602E	223 x 137	1286 x 544		6.9	33-36	
Z702E	240 x 146	1624 x 731		7.64	35-38	
Z800E	243 x 148	1730 x 760	3.5	8.3	37-43	
Z902E	257 x 160	2301 x 1032		9.7	41-45	
Z1100E	293 x 176	3550 x 1550	3.9	11.48	45-50	
Z1400E	340 x 200	6125 x 2613	4.7	14.77	50-60	
Booms						
Z162	114 x 64	97 x 37		1.62		
Z202	134 x 75	200 x 71		2.54		
Z362	170 x 95	460 x 180		3.64		
Z482	190 x 101	824 x 295		5.21		
Z692						
Furling Booms						
Z160E	94 x 68	60 x 32	1.5	1.56		
Z204E	118 x 86	125 x 68	2	2.28		
Z360E	145 x 105	380 x 150	2.5	3.29		
Z480E	180 x 125	750 x 300	3	4.82		
Z690E	232 x 145	1660 x 462	2.9	6.24		

Note 1: Moments of Inertia: these numbers give an indication of the relative stiffness of each section about the athwart ships and fore-and-aft axes respectively.

Note 2: Wall thickness is variable around the section

The yacht size for a particular section is a guide only. Please consult.

Discontinued Mast & Boom Sections

SECTION REFERENCE	DIMENSIONS mm	INERTIAE (see note 1) cm4	WALL THICKNESS (see note 2) mm	WEIGHT / METRE kg	APPROX YACHT SIZE ft	SCHEMATIC VIEW
01/02 Series Masts						
Z401	179 x 119	601 x 260	2.8	4.1	27-30	
Z402	180 x 118	601 x 260	2.8	4.1	27-30	
Z501	189 x 125	760 x 326	3.3	4.6	30-34	
Z502	190 x 125	750 x 323		4.6	30-34	
Z532	201 x 124	998 x 380				
Z601	223 x 138	1280 x 502	3.5	6	34-36	
Z701	232 x 145	1702 x 686	4	7.28	36-38	
Z901	255 x 160	2460 x 1100	4.4	8.7	38-43	
Z1001	290 x 175	3677 x 1452	4.5	9.77	43-50	
Furling Masts						
Z300E	160 x 105	400 x 162	2.2	3.9	24-28	
Z400E	183 x 117	585 x 280	2.6	5.2	27-30	
Z500E	200 x 124	785 x 370	2.8	5.77	30-34	
Z600E	220 x 131	1250 x 490	3	6.4	33-36	
Z700E	231 x 137	1505 x 621	3.4	7.5	35-38	
Z900E	255 x 160	2430 x 1000	3.7	9.72	41-45	
Booms						
Z120	71 x 61	45 x 24	1.5	1.2		
Z160	94 x 68	60 x 32	1.5	1.56		
Z204	118 x 86	125 x 68	2	2.28		
Z360	145 x 105	380 x 150	2.5	3.29		
Z480	180 x 125	750 x 300	3	4.82		
Z690	232 x 145	1660 x 462	2.9	6.24		

Note 1: Moments of Inertia: these numbers give an indication of the relative stiffness of each section about the athwart ships and fore-and-aft axes respectively.

Note 2: Wall thickness is variable around the section

The yacht size for a particular section is a guide only. Please consult.

Spreader Sections

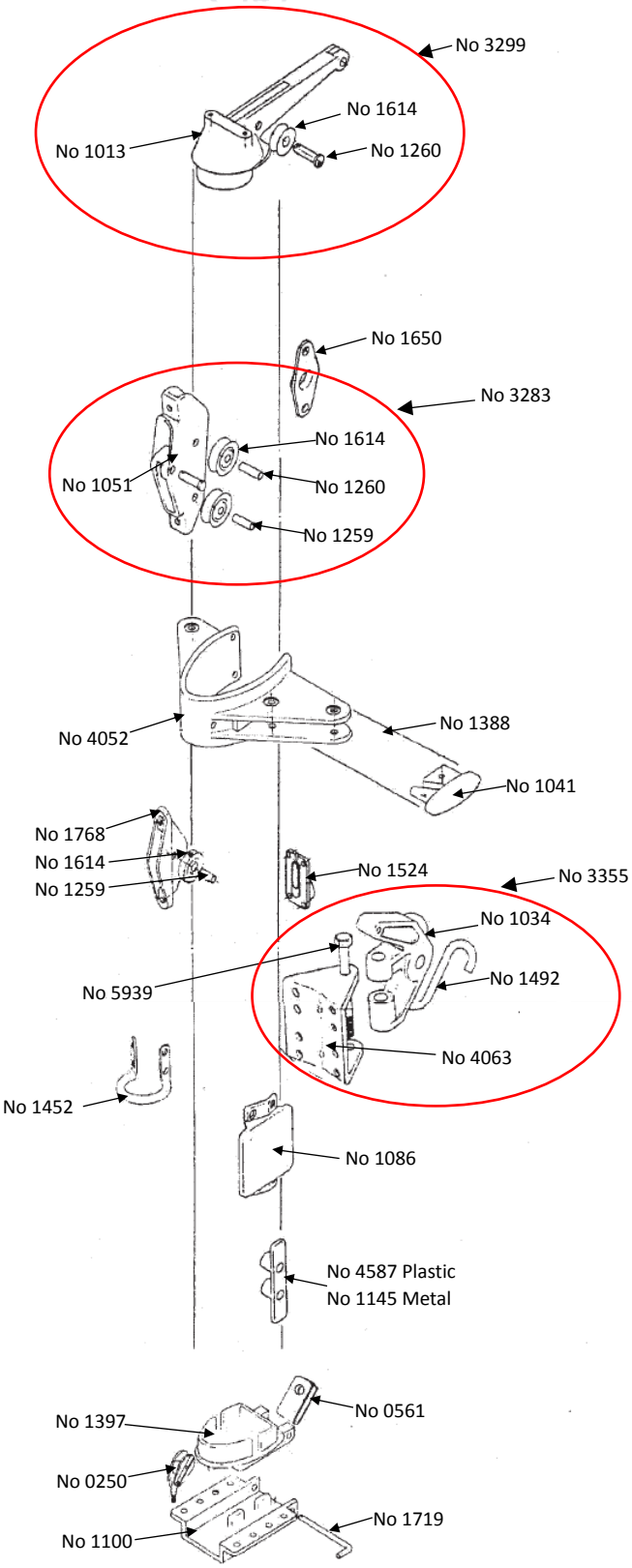
Profiles		Dimensions mm	Weight KG
	Z Der	44 x 9	0.4
	Z 65	56 x 21	0.5
	Z 80	56 x 25	0.8
	Z 60	55 x 20	0.5
	Z 95	80 x 25	1.25
	Z 240	130 x 40	2.4
	Z 341	155 x 49	3.6
	Z 541	180 x 60	5.4

Spreader Tip Information

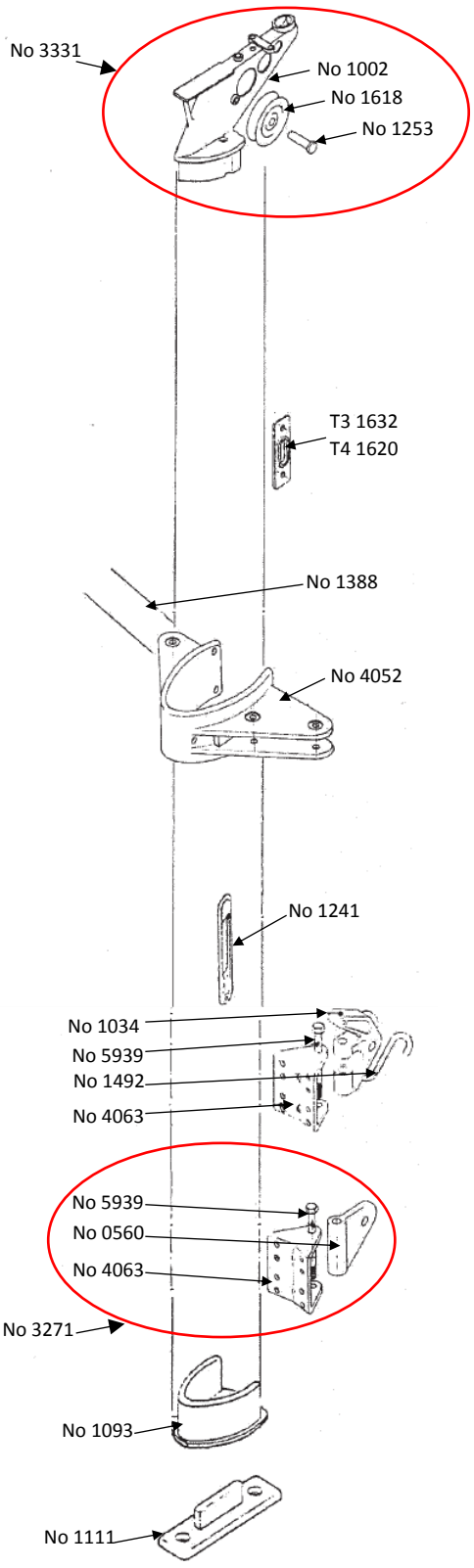
		Spreader Tip		Discontinuous Spreader Tip		
Spreader	Style	Part No	Material	Part no	V1 Pin Ø	D2 Pin Ø
Z Der	Taper	**3112**	Aluminium	N/A		
Z 60	Taper	**3113**	Delrin	**3527**	8mm	6mm
Z 65	No Taper	**1667**	Delrin	**1054**	8mm	6mm
Z 80	No Taper	**1667**	Delrin	**3500**	10mm	8mm
	No Taper	**1040**	Delrin	**1040**	12mm	8mm
Z 95	Taper	**3114**	Delrin	**3500**	10mm	8mm
	Taper	**3114**	Delrin	**3110**	12mm	8mm
	No Taper	**3802**	Delrin	**3804**	10mm	8mm
	No Taper	**3802**	Delrin	**3805**	12mm	8mm
Z 240	Taper	**3115**	Delrin	**3378**	16mm	12mm
	Taper	**3115**	Delrin	**3147**	19mm	12mm
	Taper	**3109**	Aluminium		16mm	12mm
	Taper	**3109**	Aluminium	**3147**	19mm	12mm
	No Taper	**3803**	Delrin	**3806**	16mm	12mm
	No Taper	**3803**	Delrin	**3807**	19mm	12mm
	No Taper	**3822**	Aluminium	**3806**	16mm	12mm
	No Taper	**3822**	Aluminium	**3807**	19mm	12mm
Z 341	Taper		Aluminium			

Mast Sections

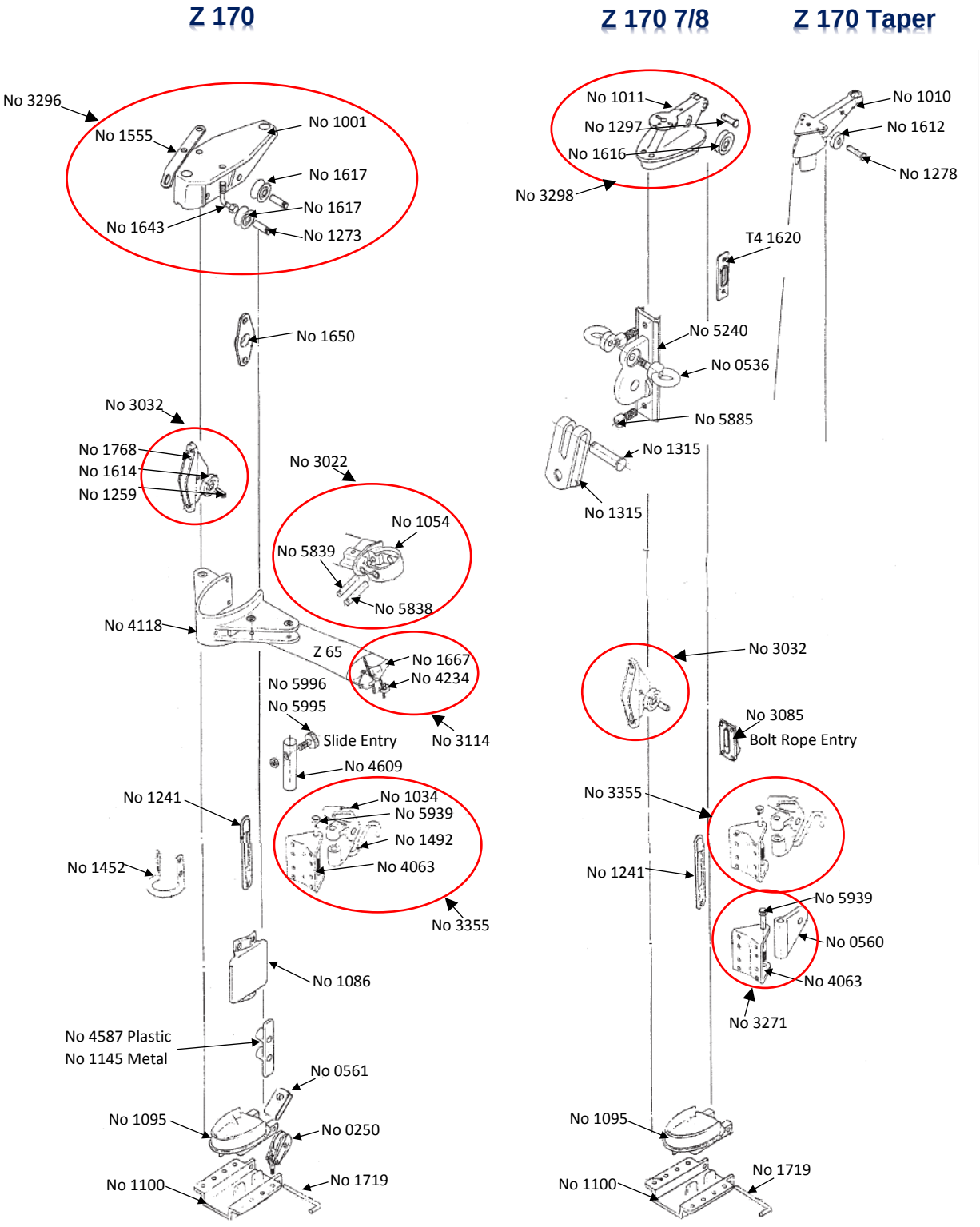
Z 145



Z 145 Taper

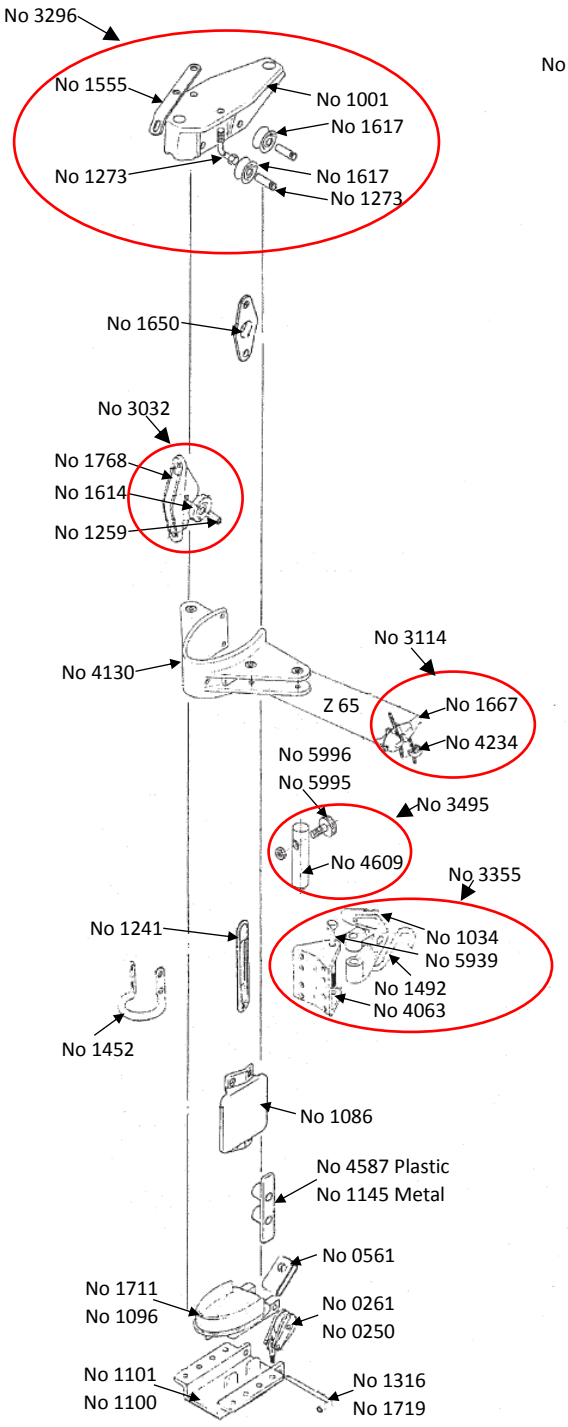


Mast Sections

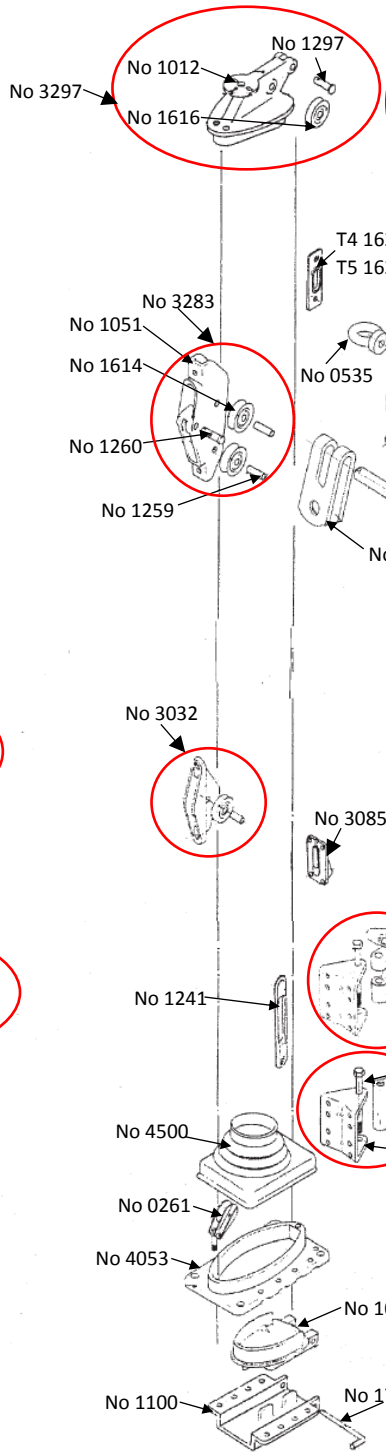


Mast Sections

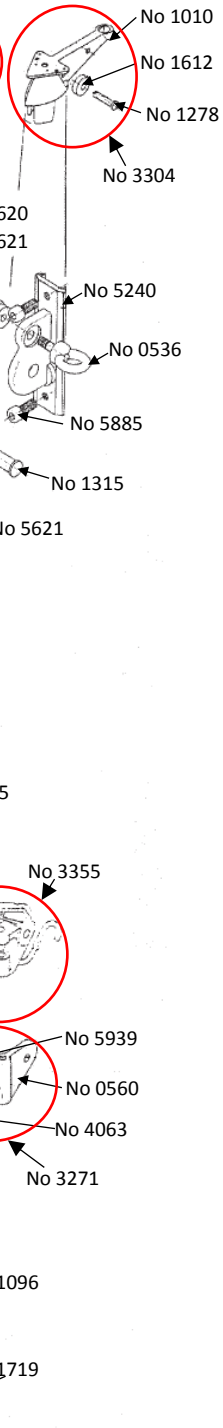
Z 190



Z 190 7/8



Z 190 Taper



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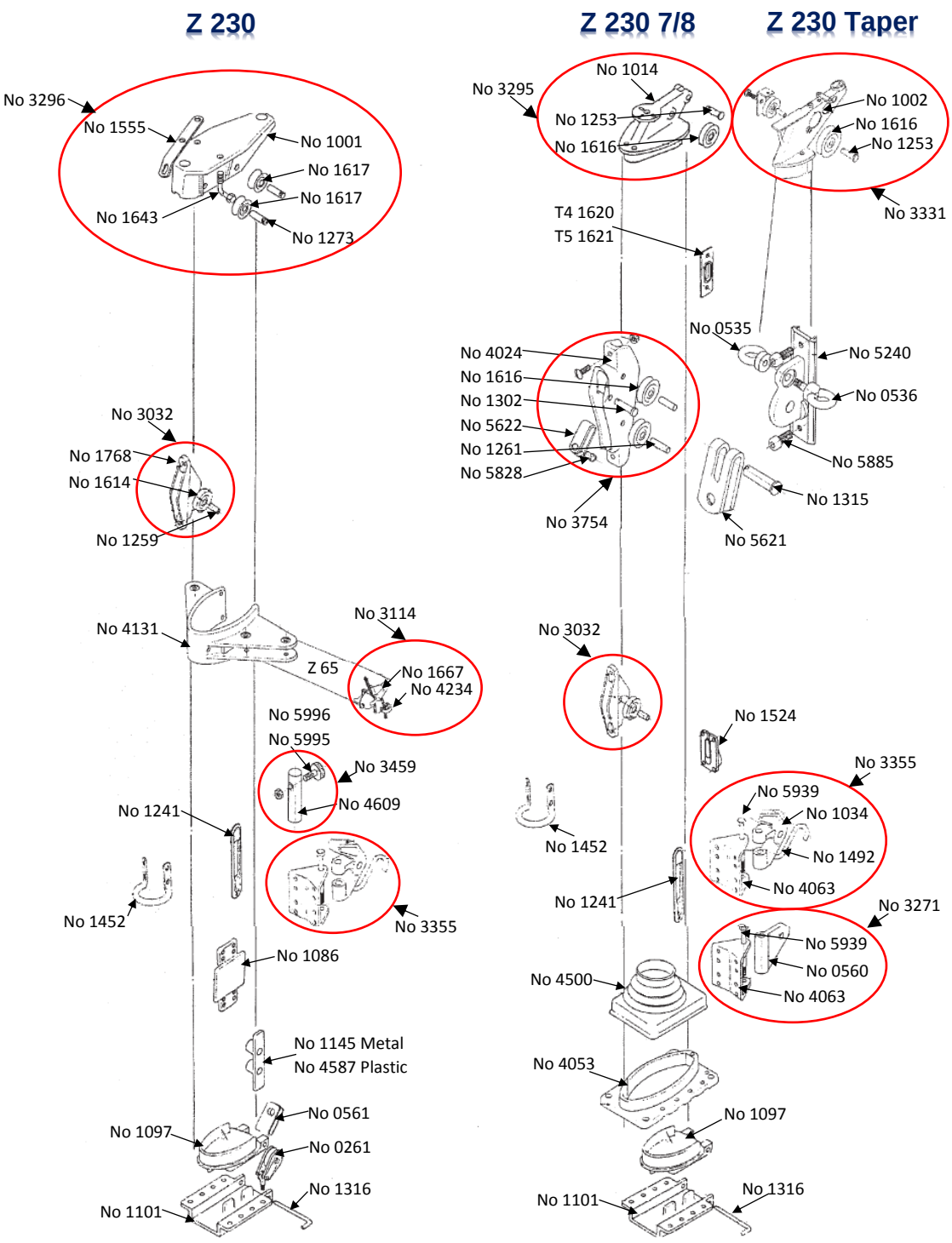

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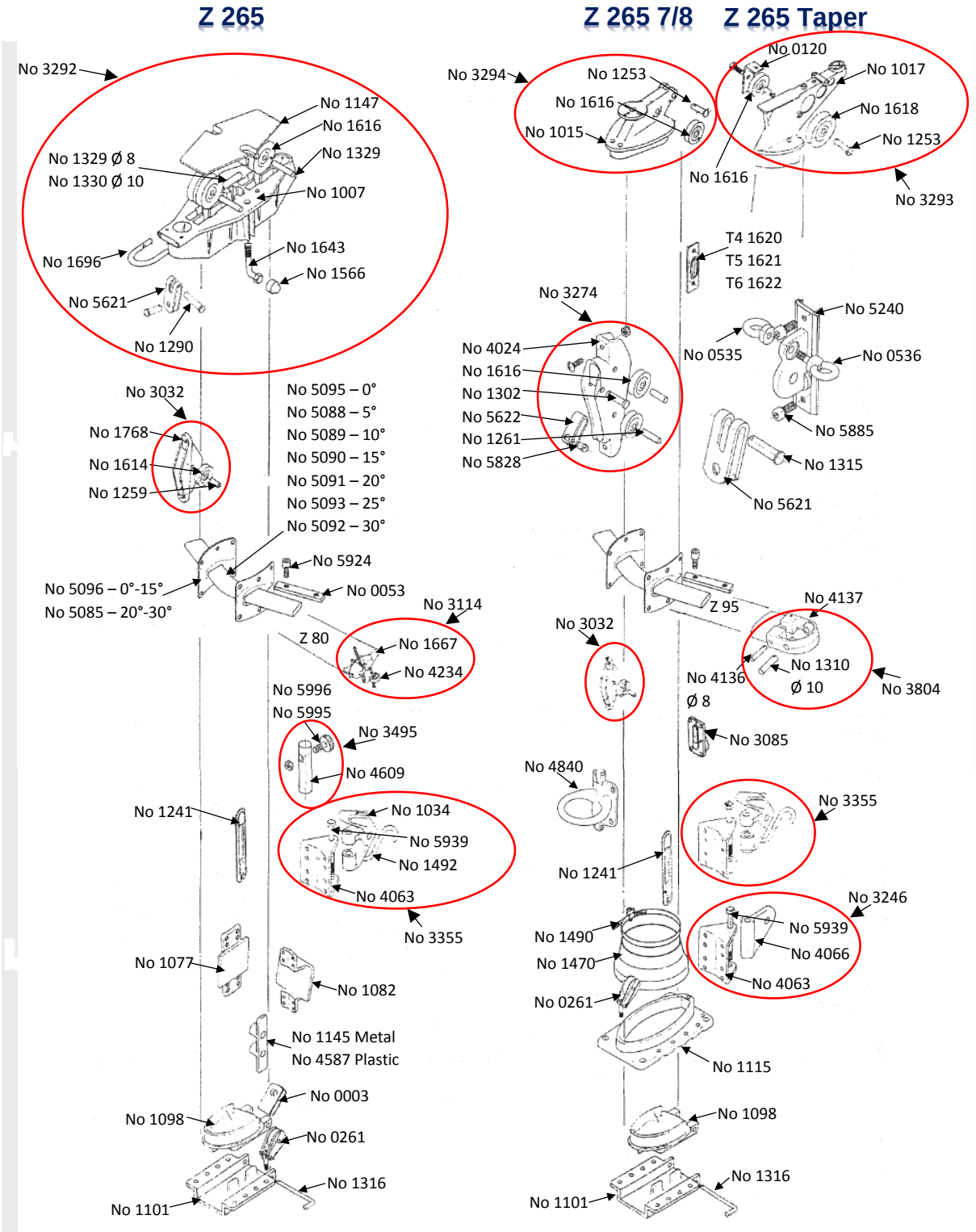
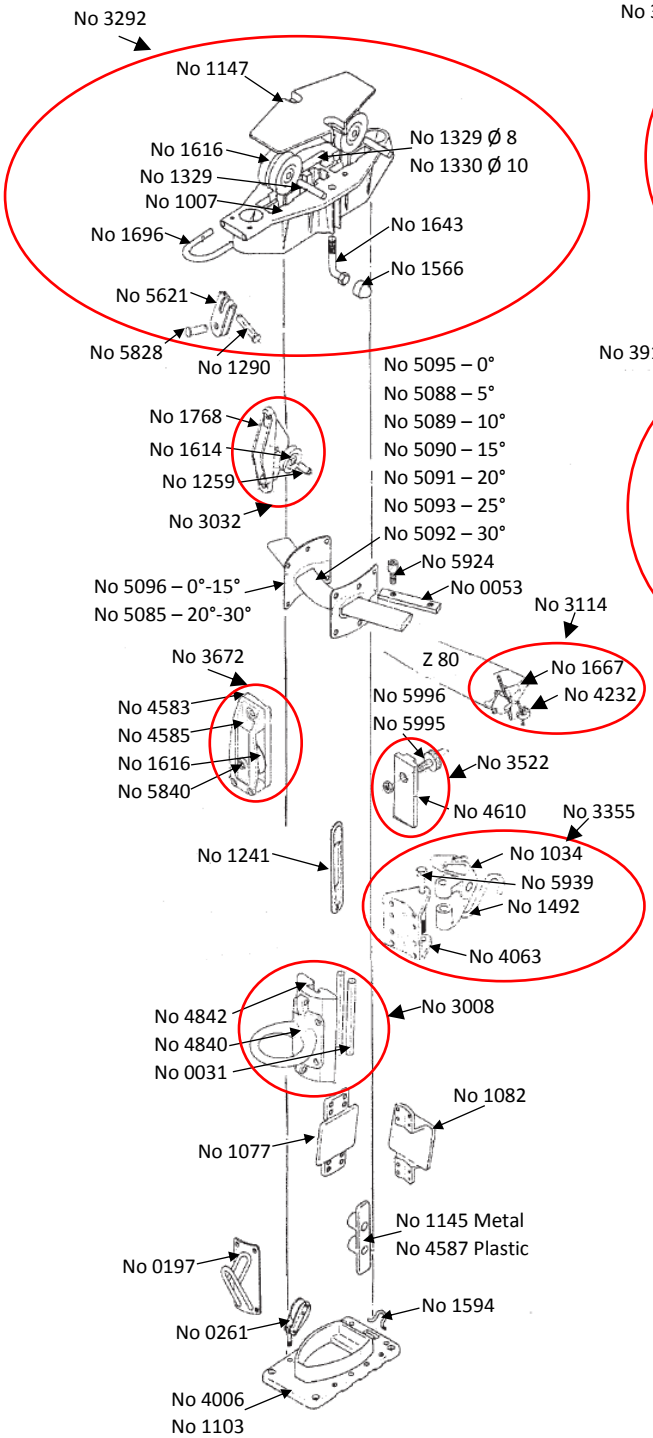
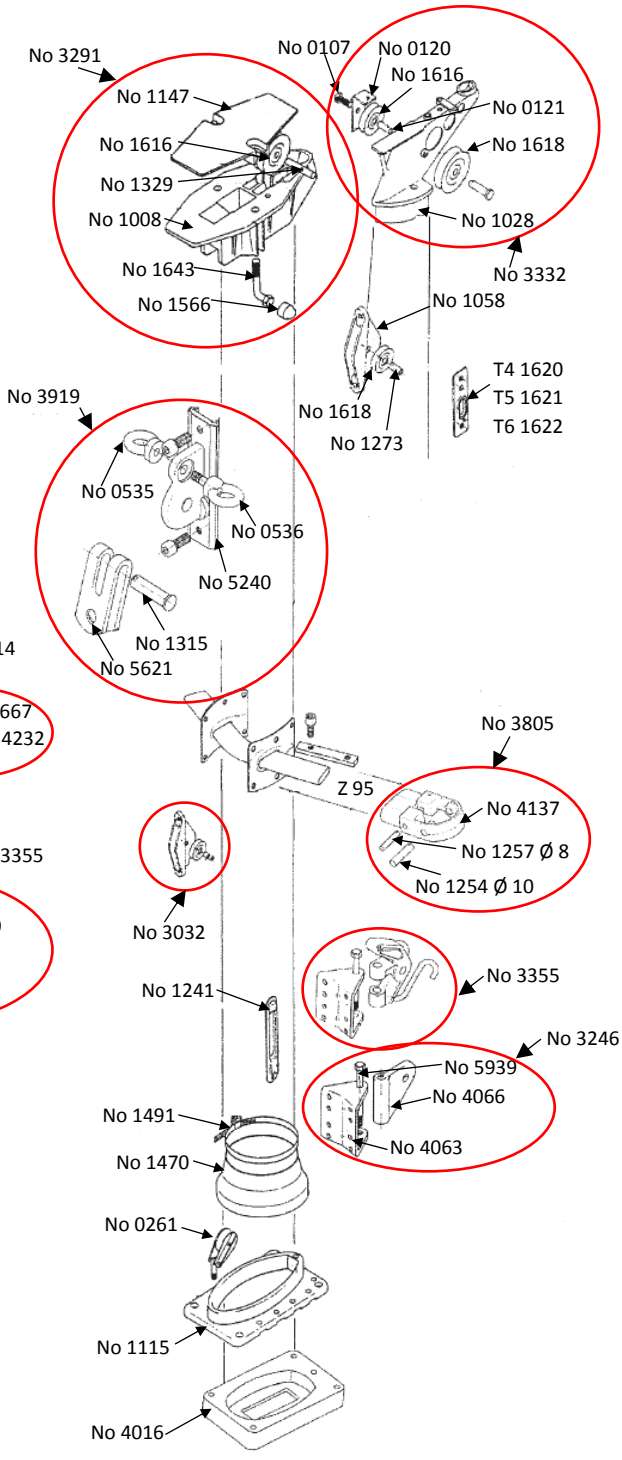


Mast Sections

Z 351



Z 351 7/8 Z 351 Taper



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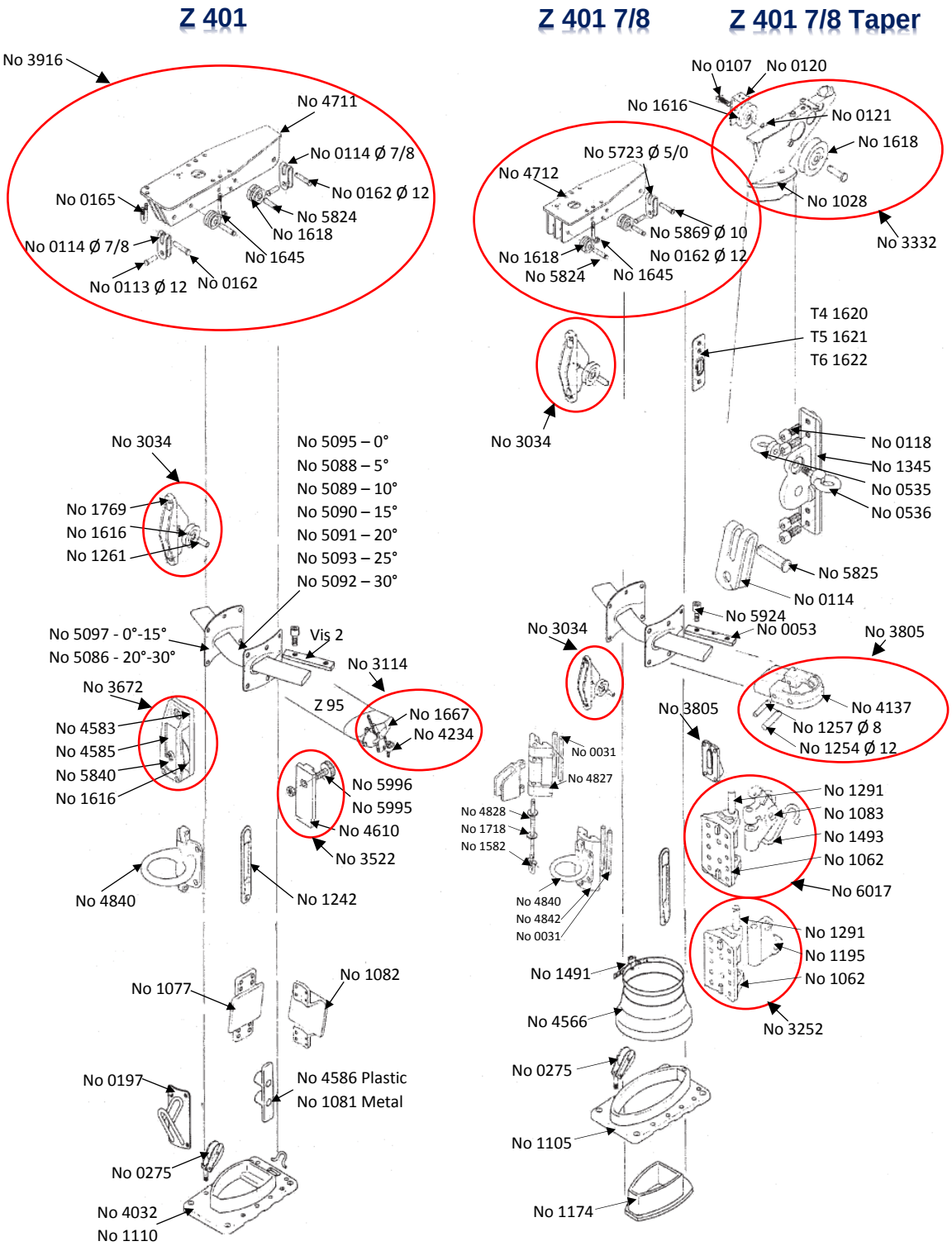

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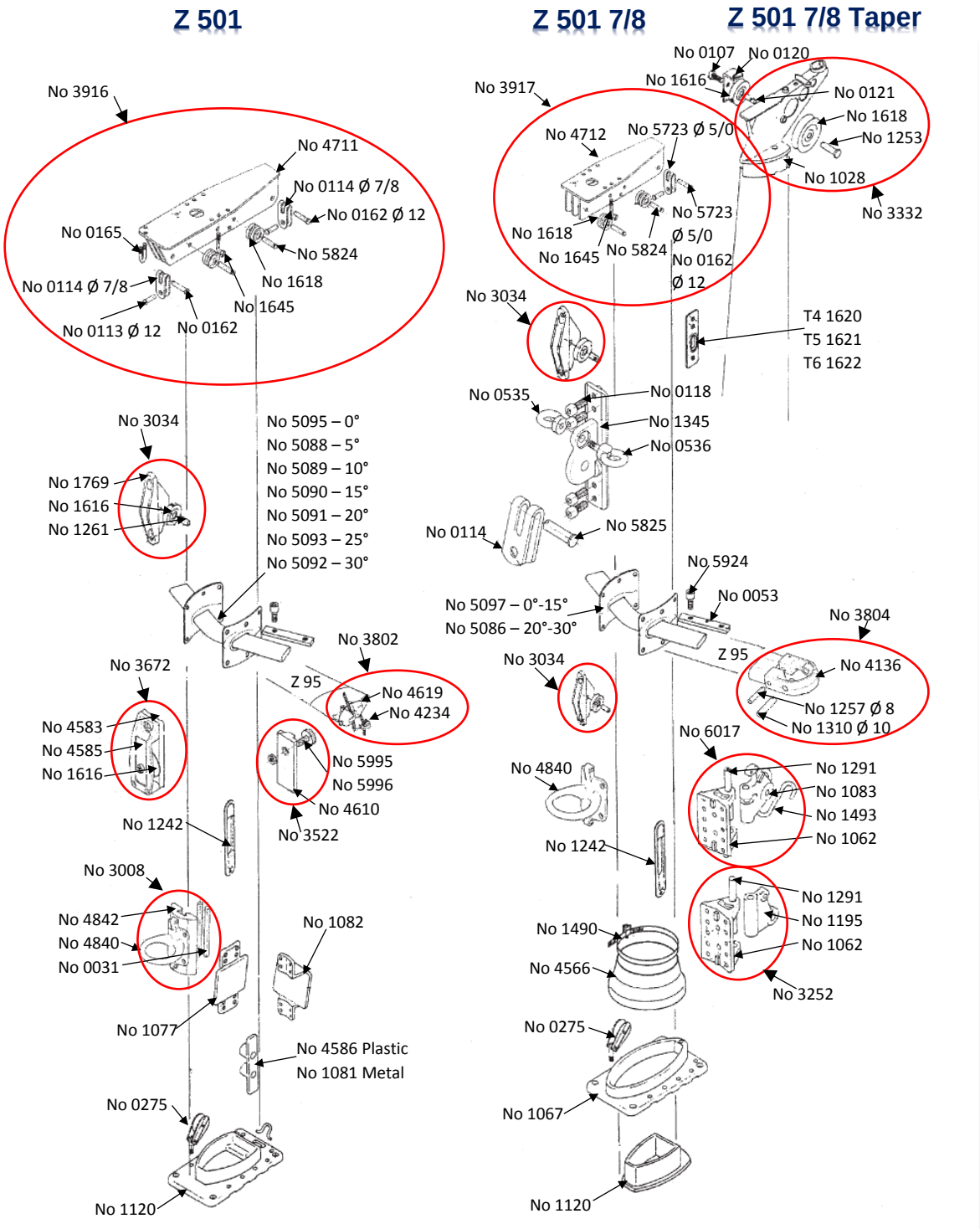

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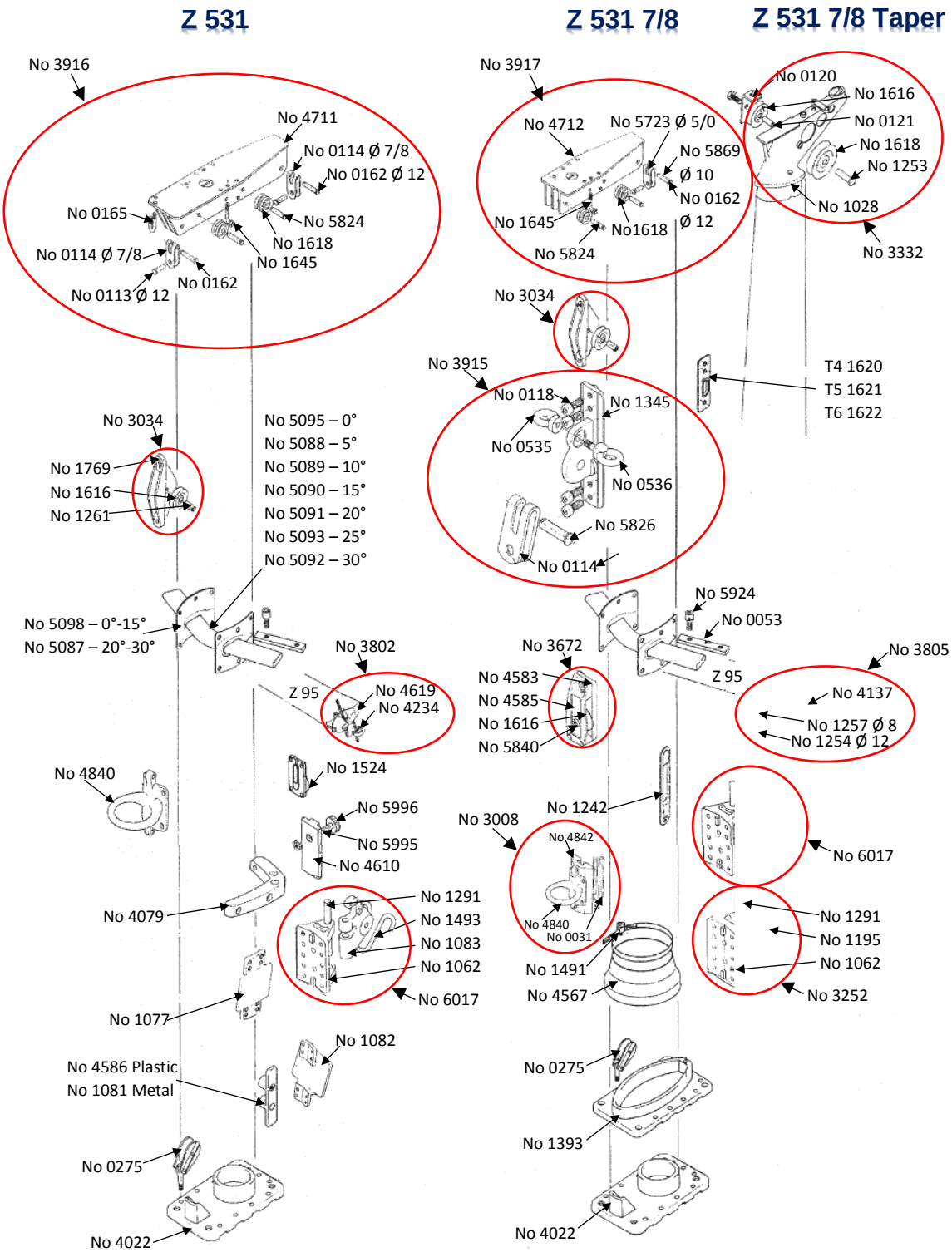

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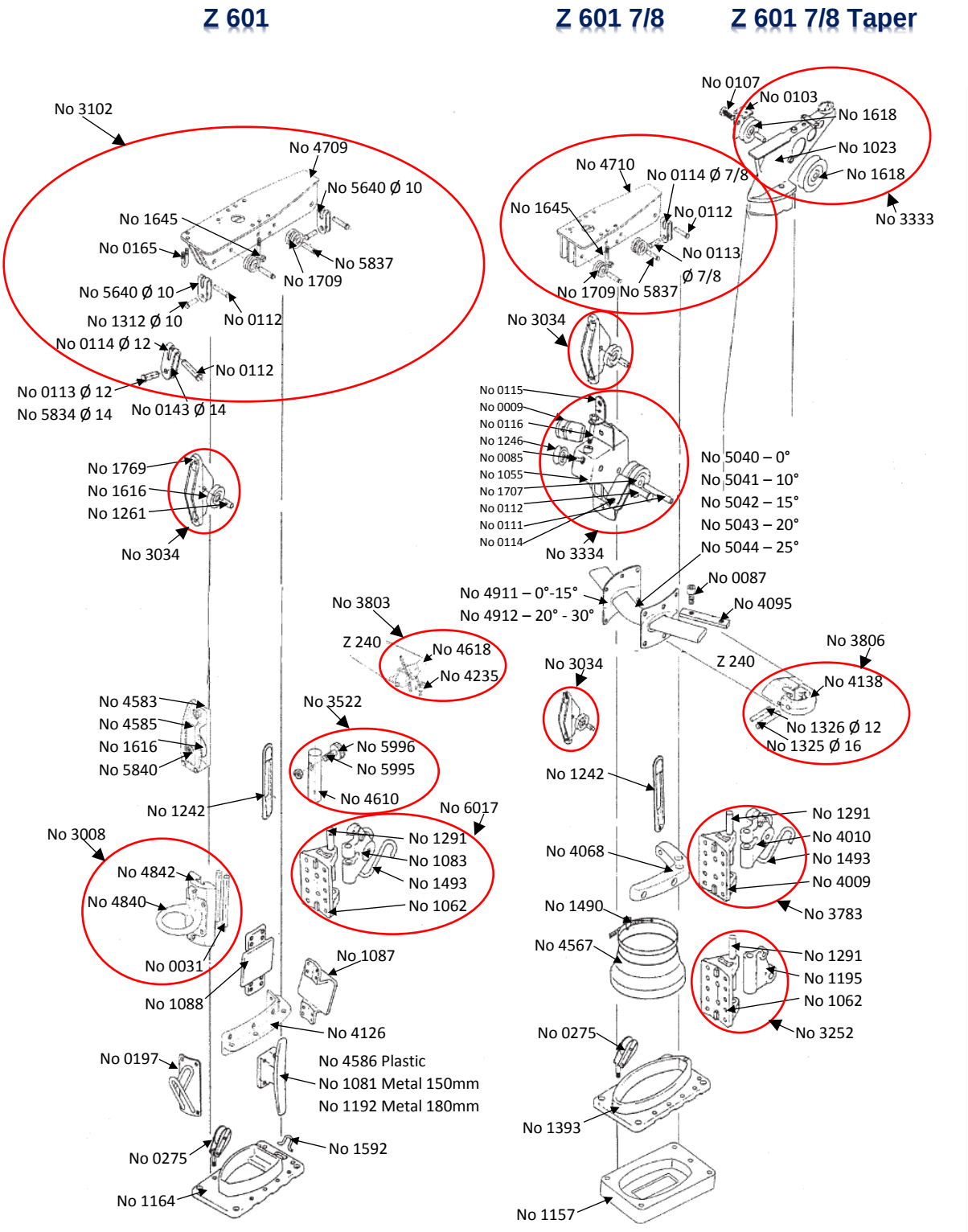

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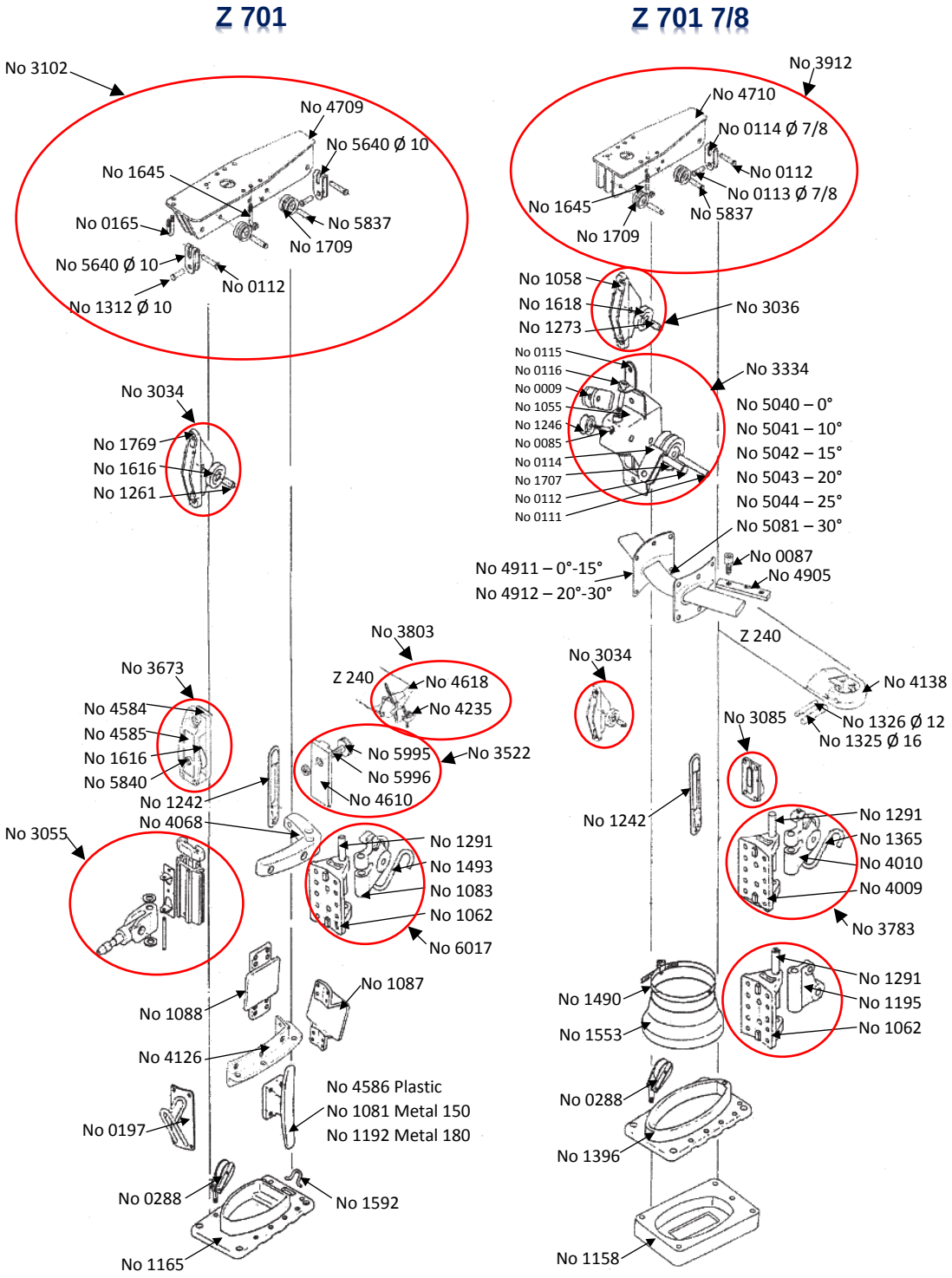
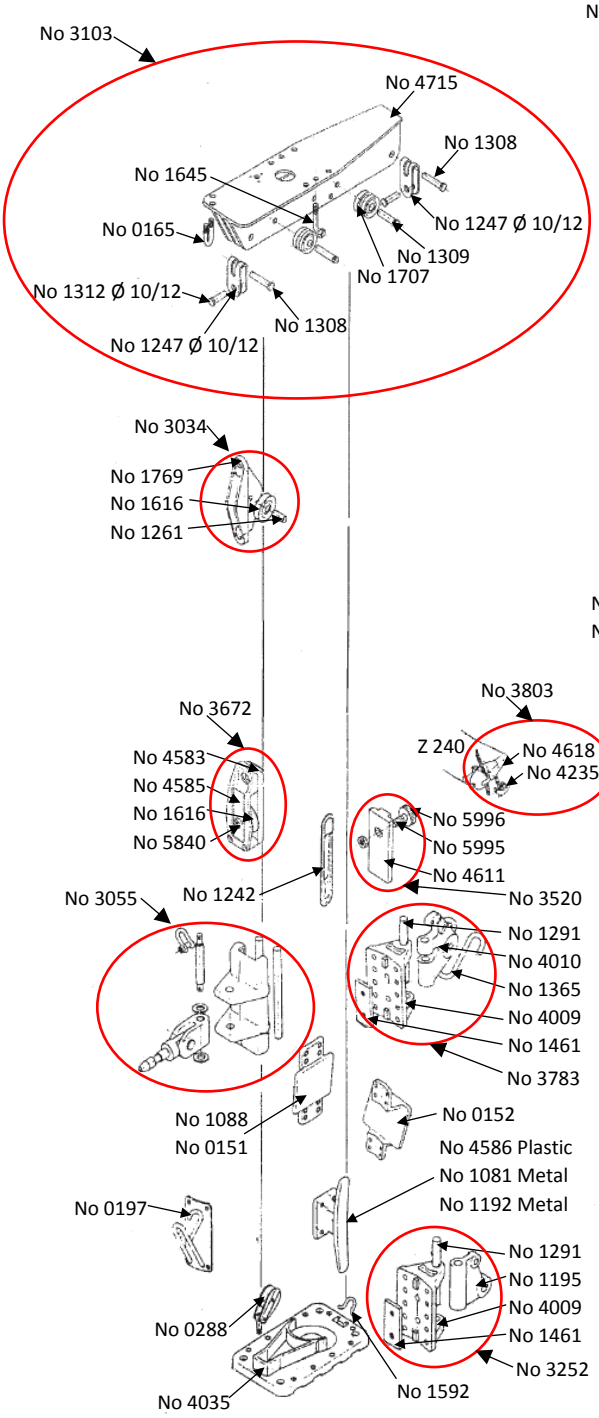
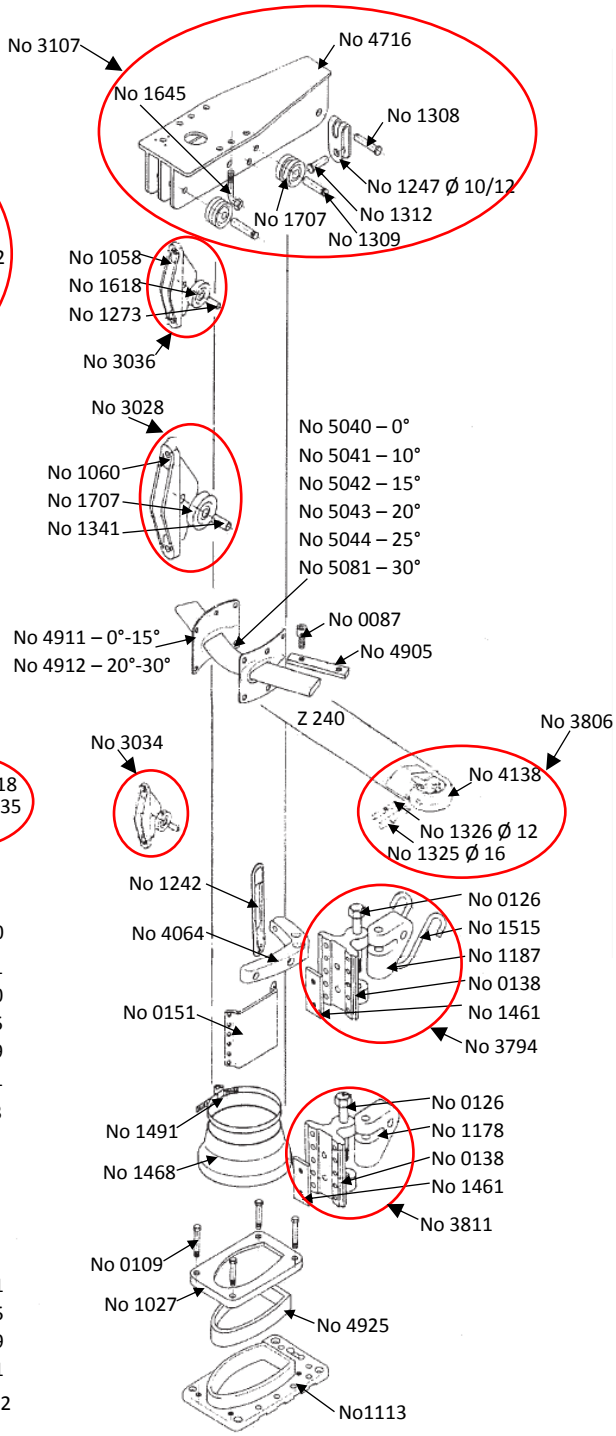


Mast Sections

Z 901

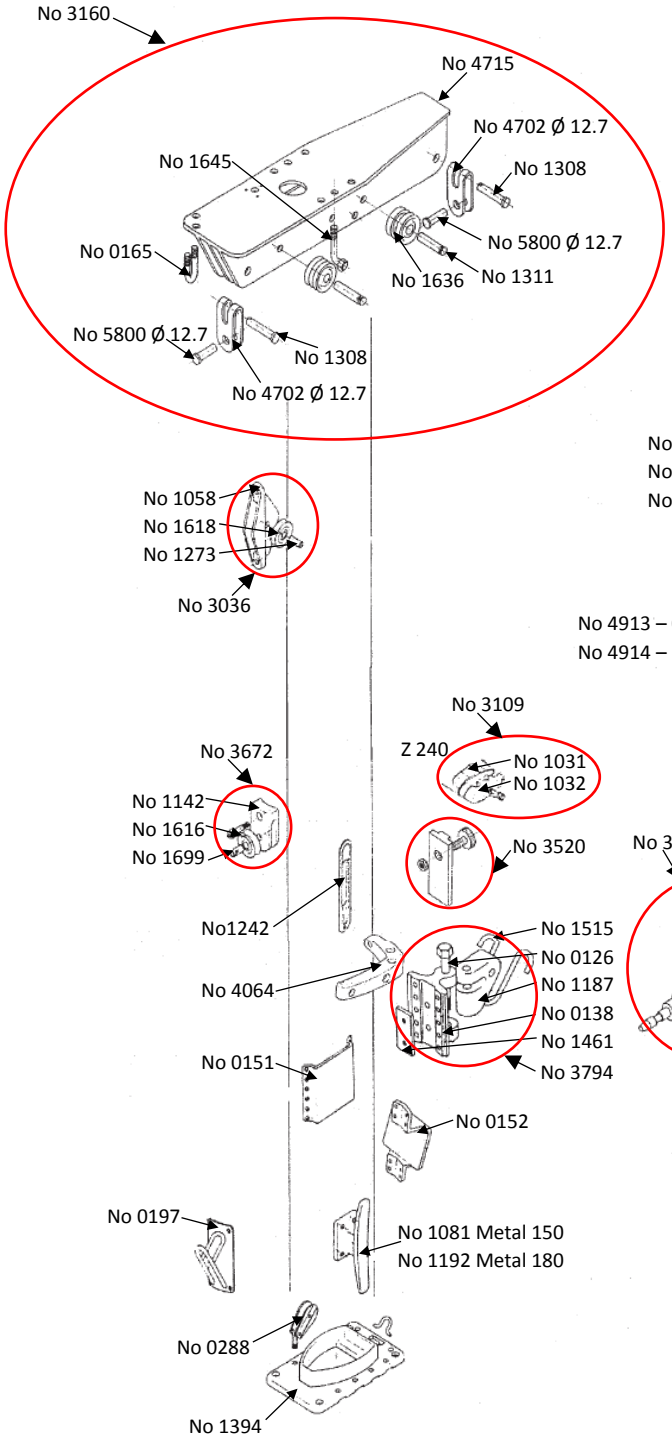


Z 901 7/8

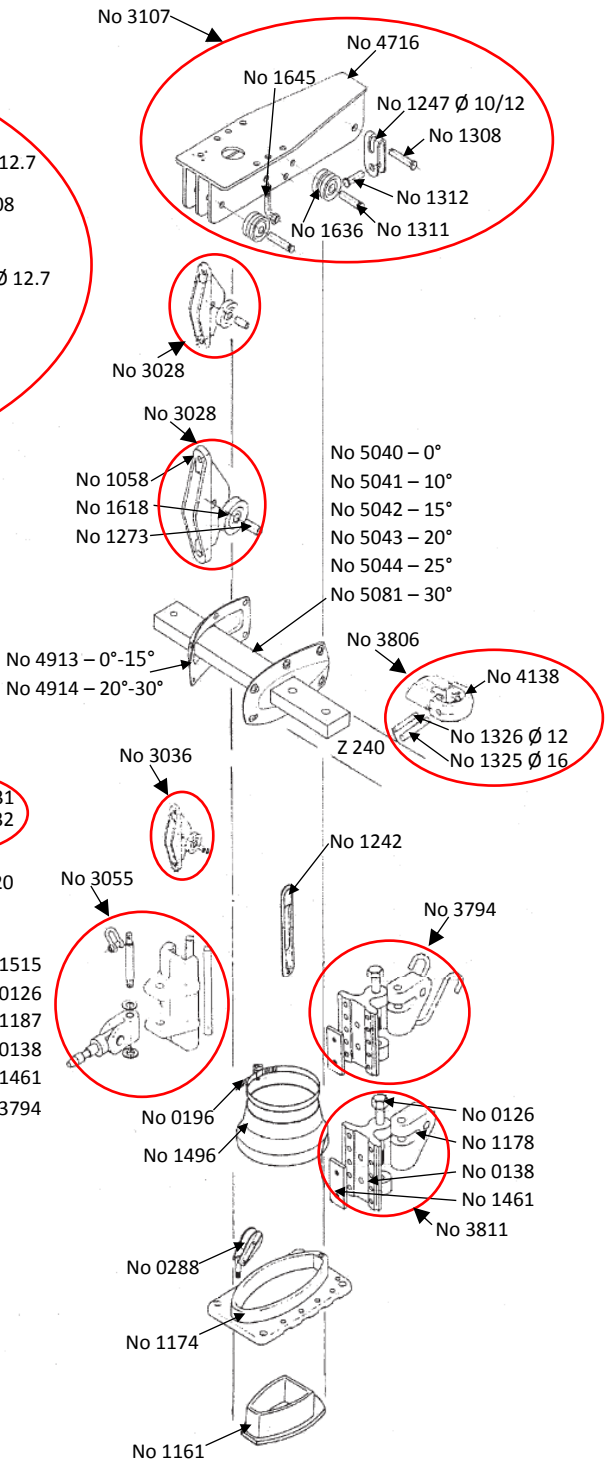


Mast Sections

Z 1001

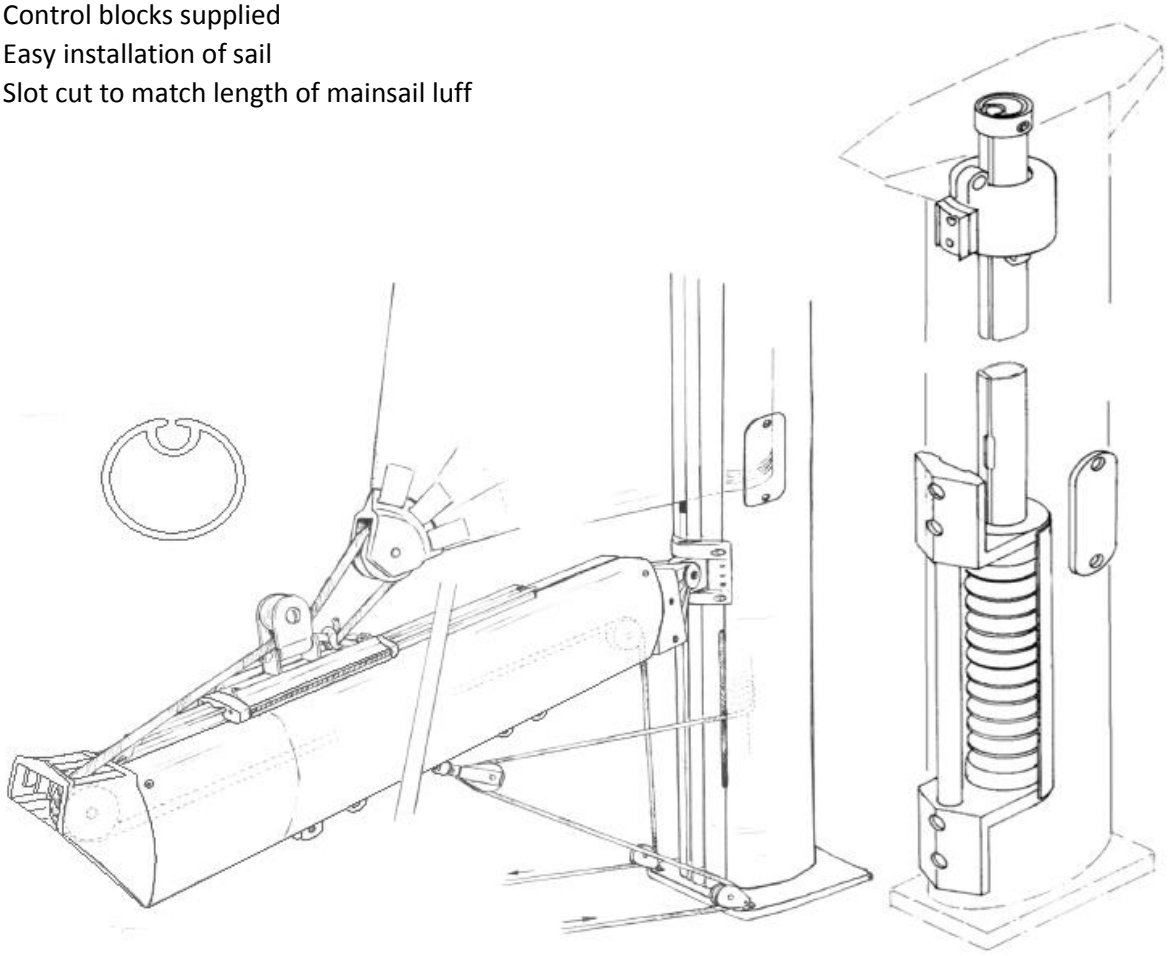


Z 1001 7/8



Furling Spars
For Easy Control of the Mainsail

Features:
- Removable helical drum furling mechanism
- Easy access to halyard swivel
- Minimum maintenance required
- Computer-aided-design mast sections
- Integral track for storm trysail
- Recirculating ball boom car
- Integral clew block for mainsail
- Control blocks supplied
- Easy installation of sail
- Slot cut to match length of mainsail luff

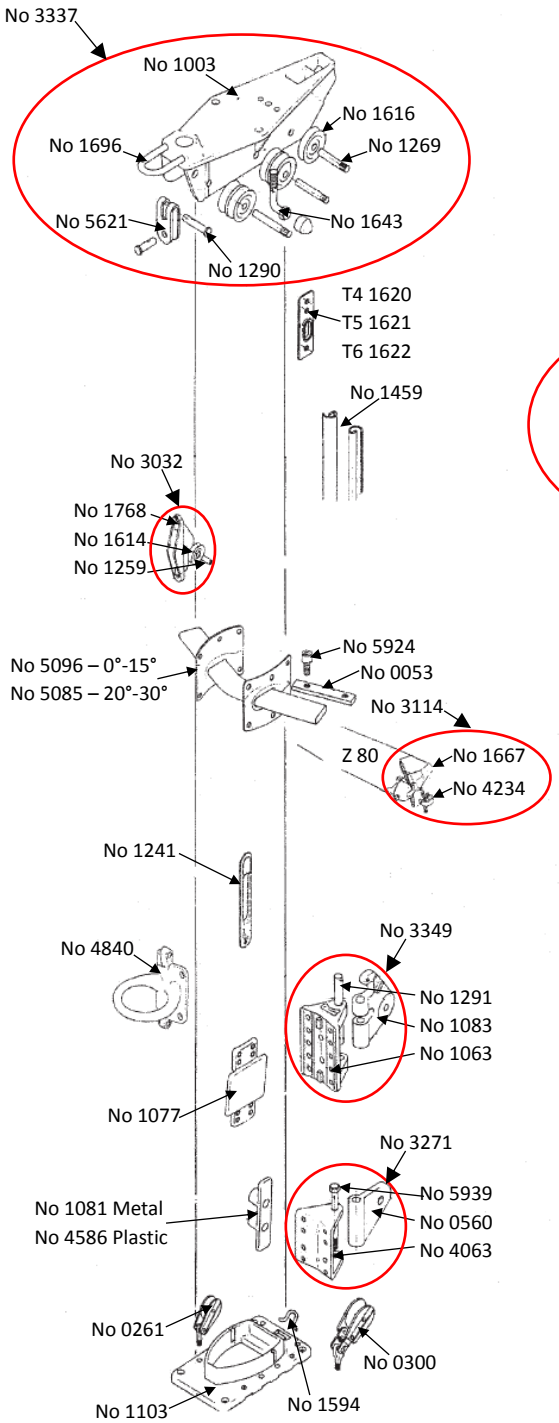


Note: Mainsail battens cannot be used

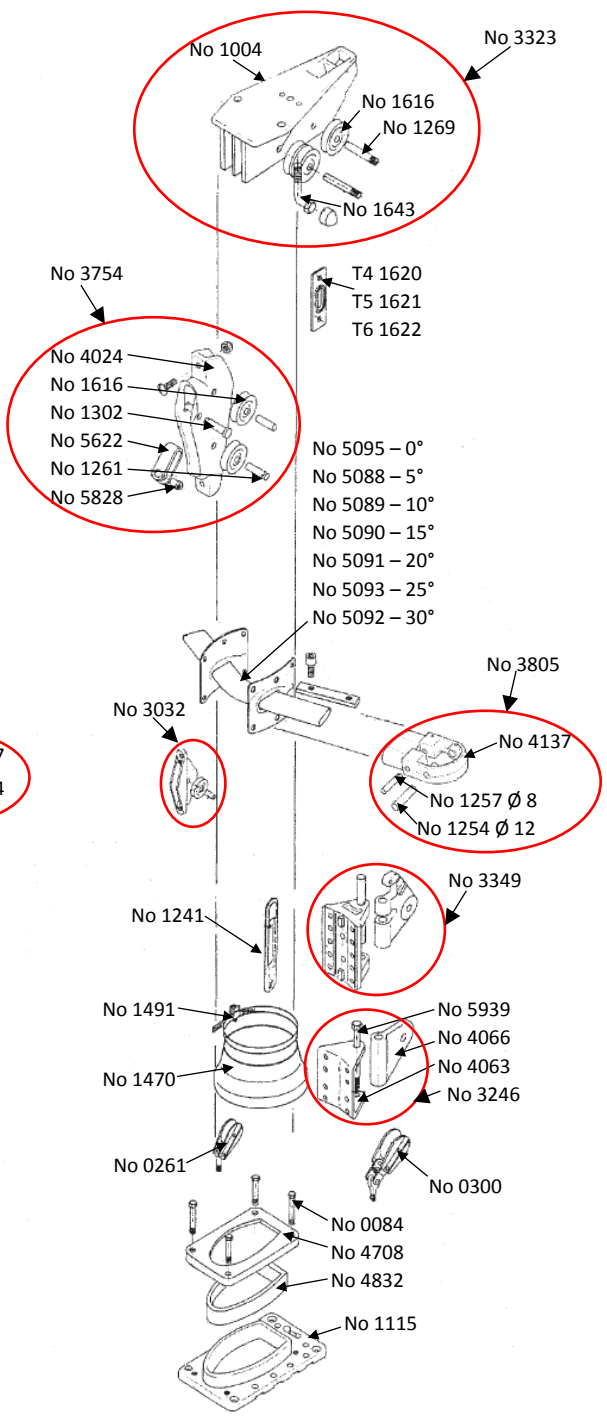
We reserve the right to change specification without notice

Furling Mast Sections

Z 300 E

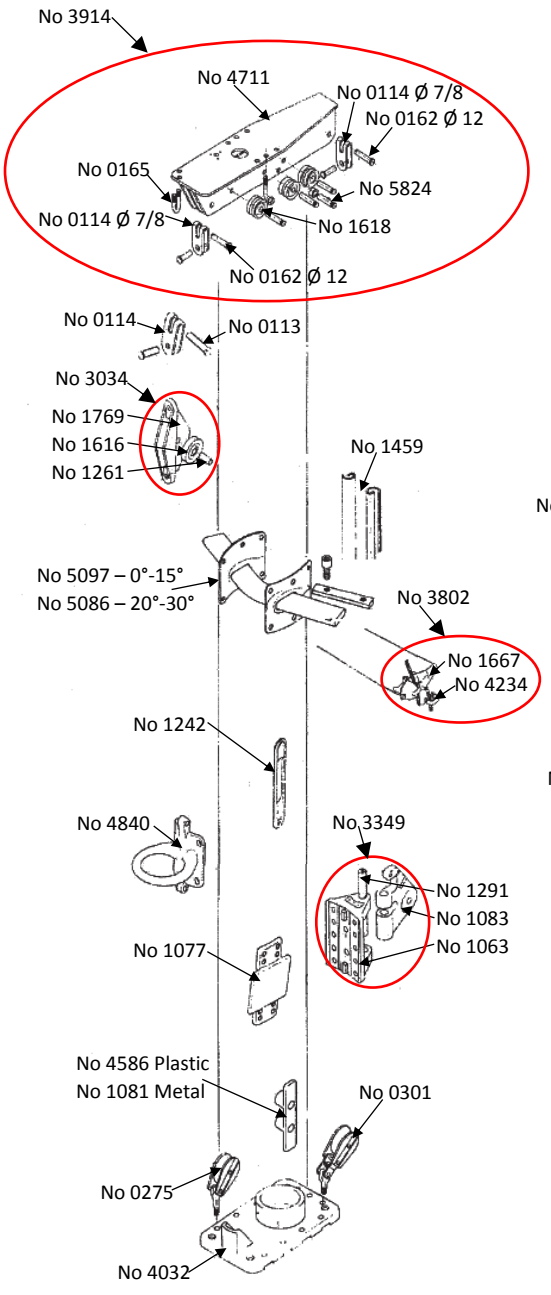


Z 300 E 7/8

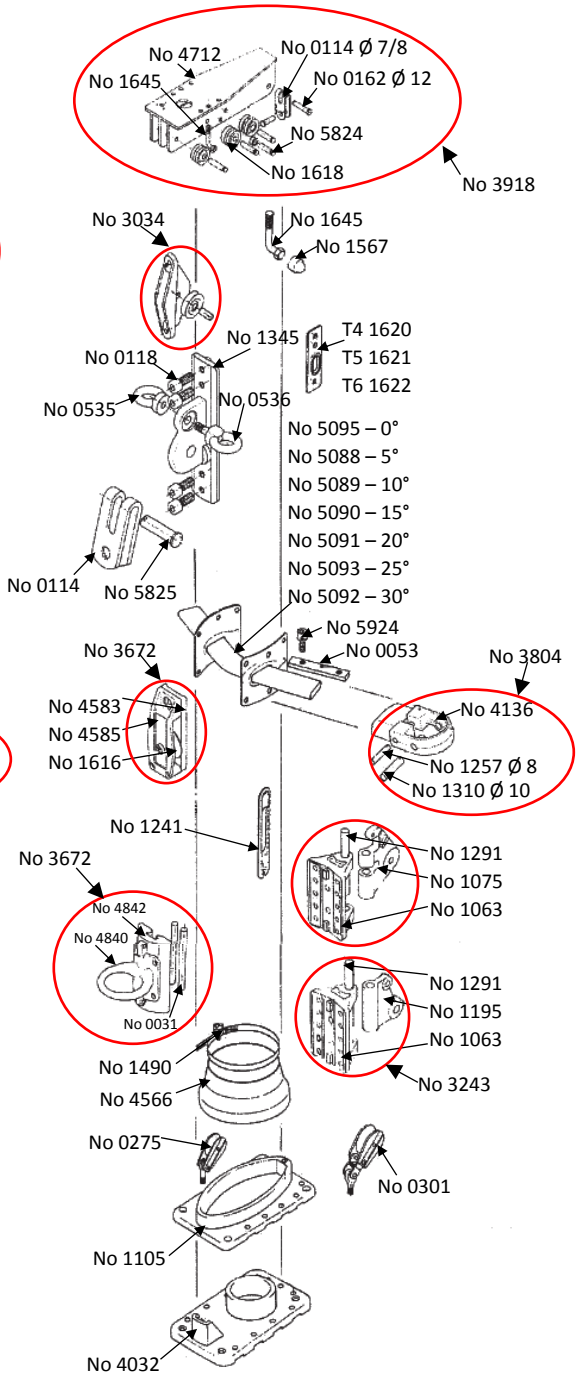


Furling Mast Sections

Z 400 E

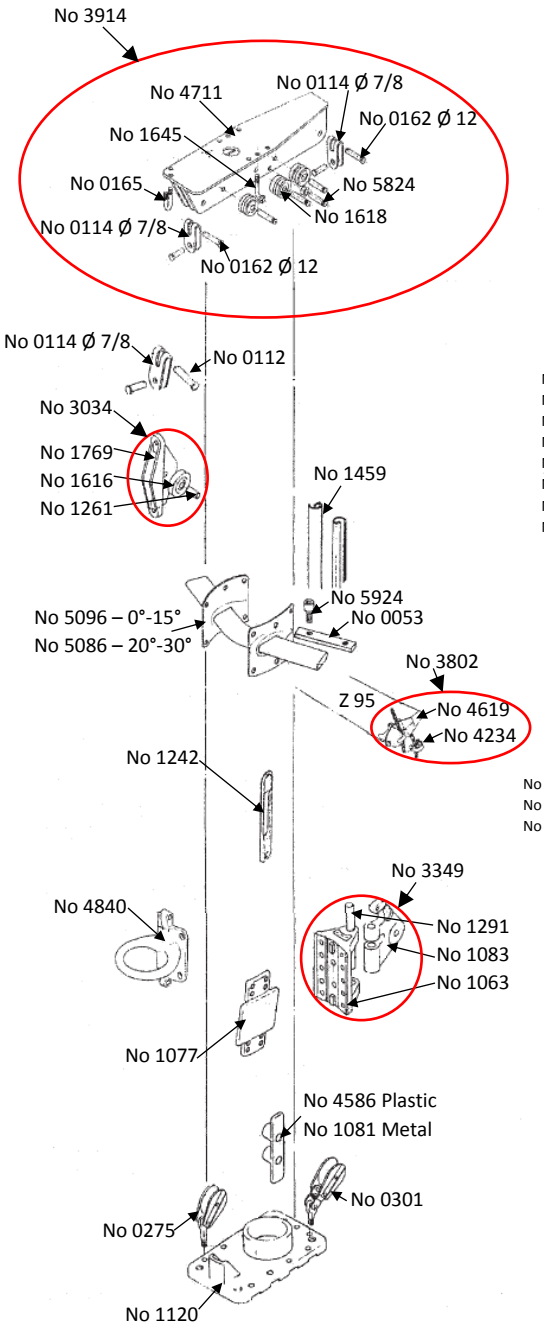


Z 400 E 7/8

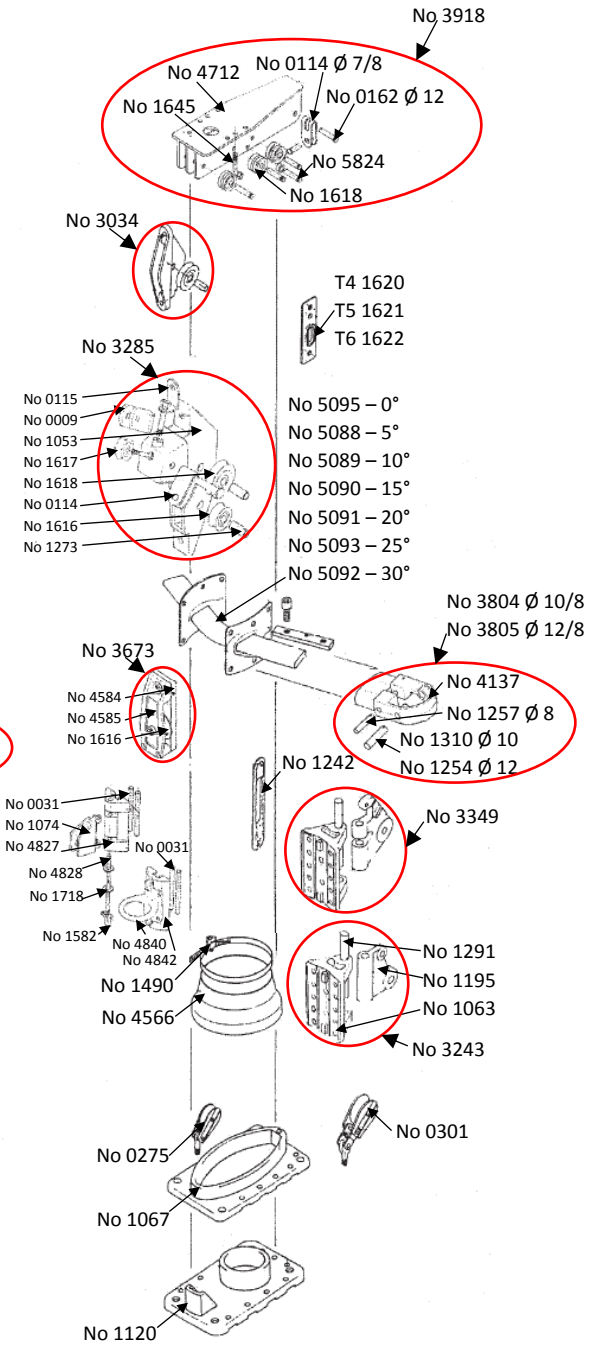


Furling Mast Sections

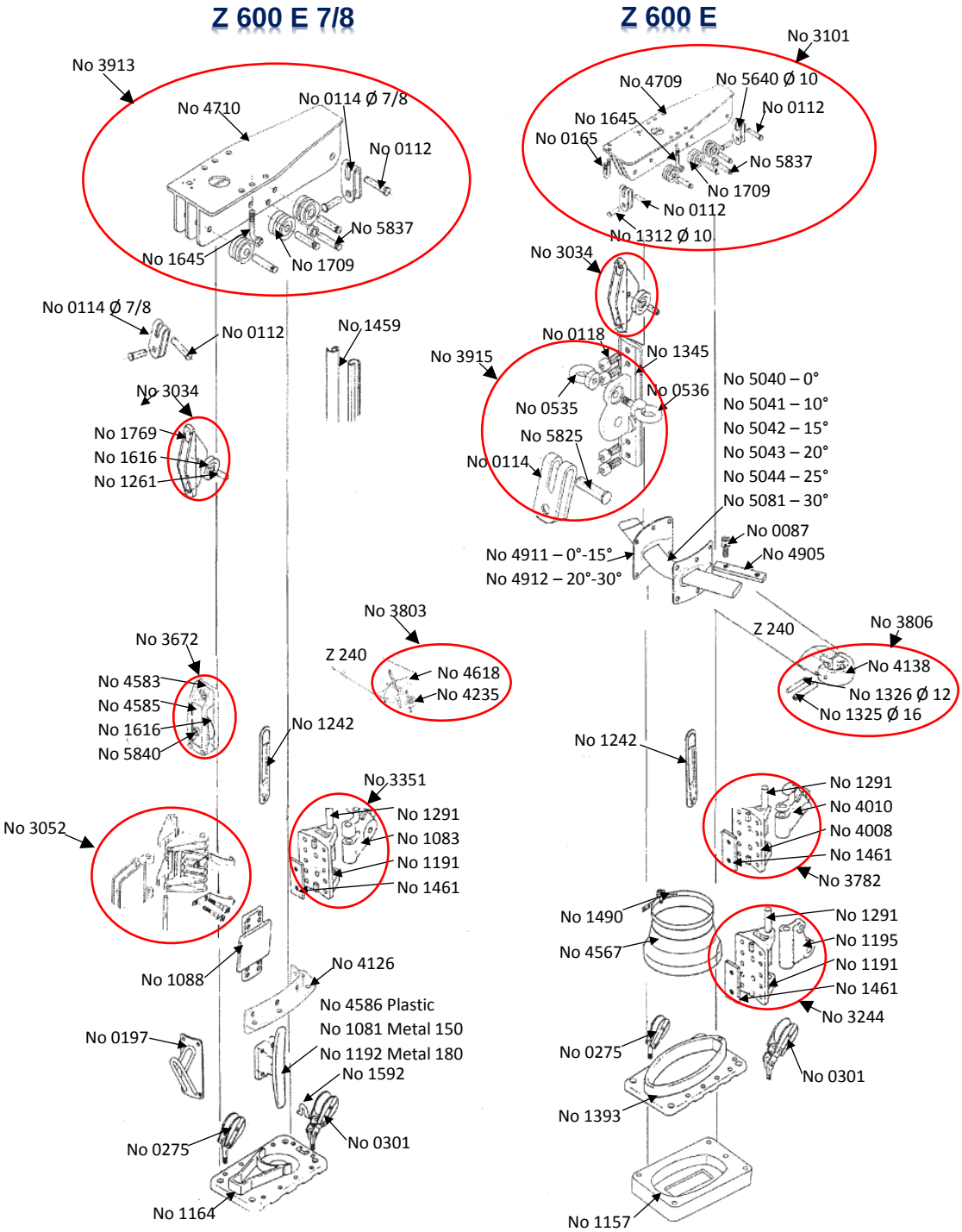
Z 500 E



Z 500 E 7/8



Furling Mast Sections



Furling Mast Sections

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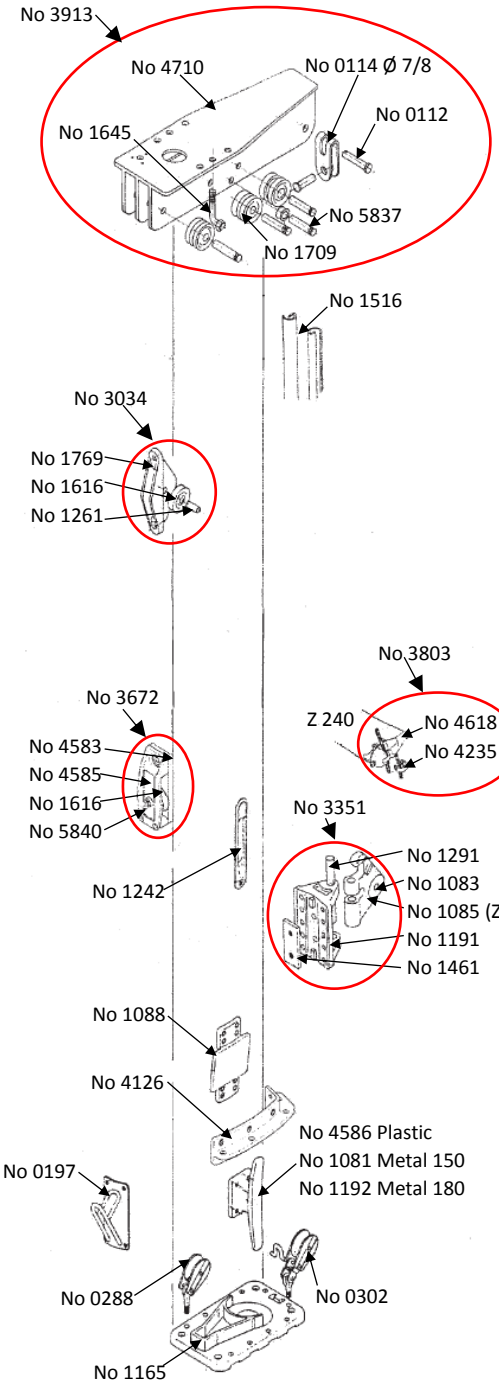

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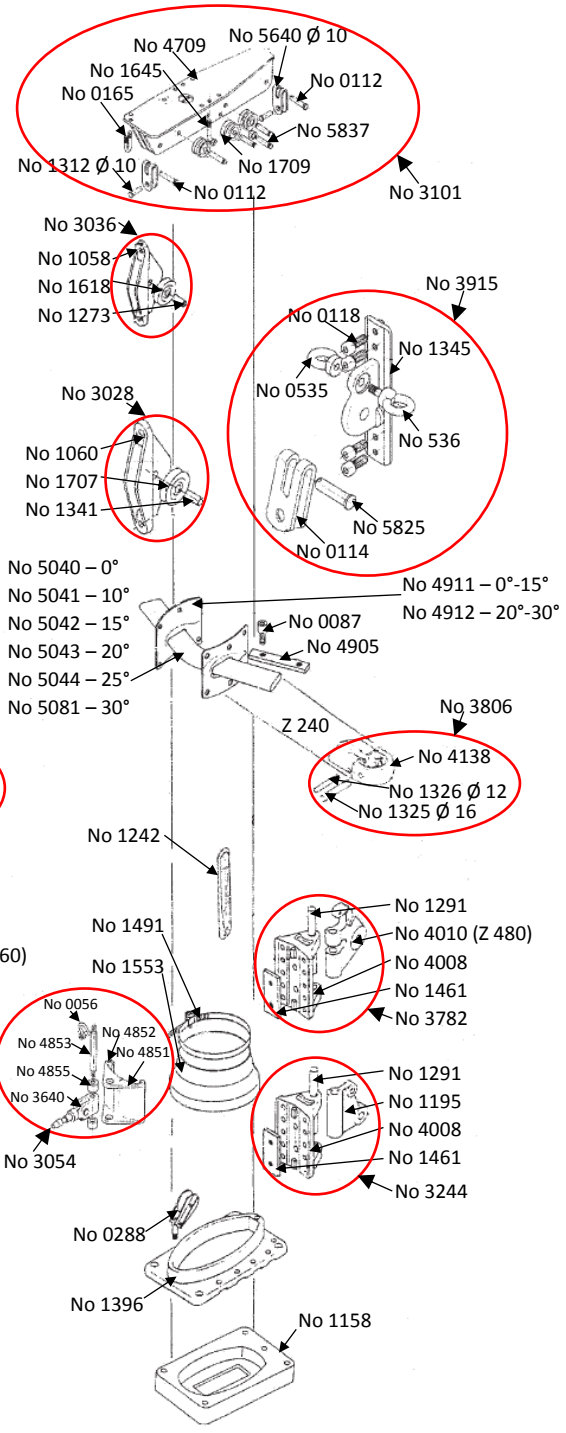

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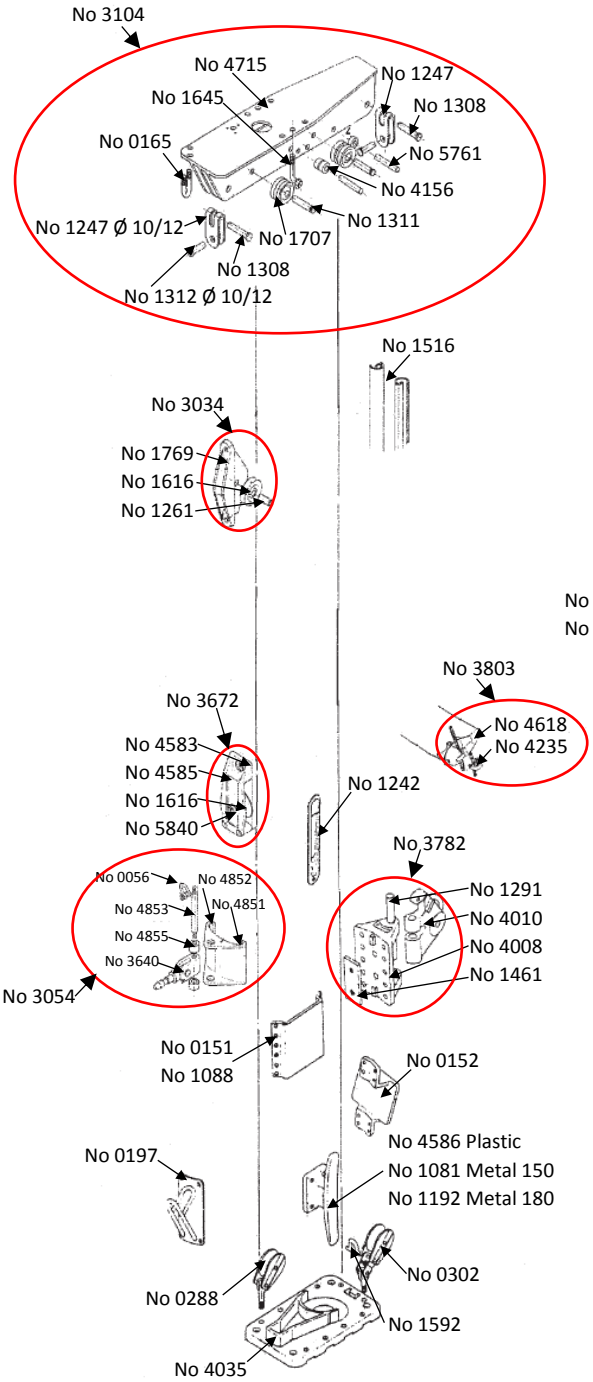
Z 900 E



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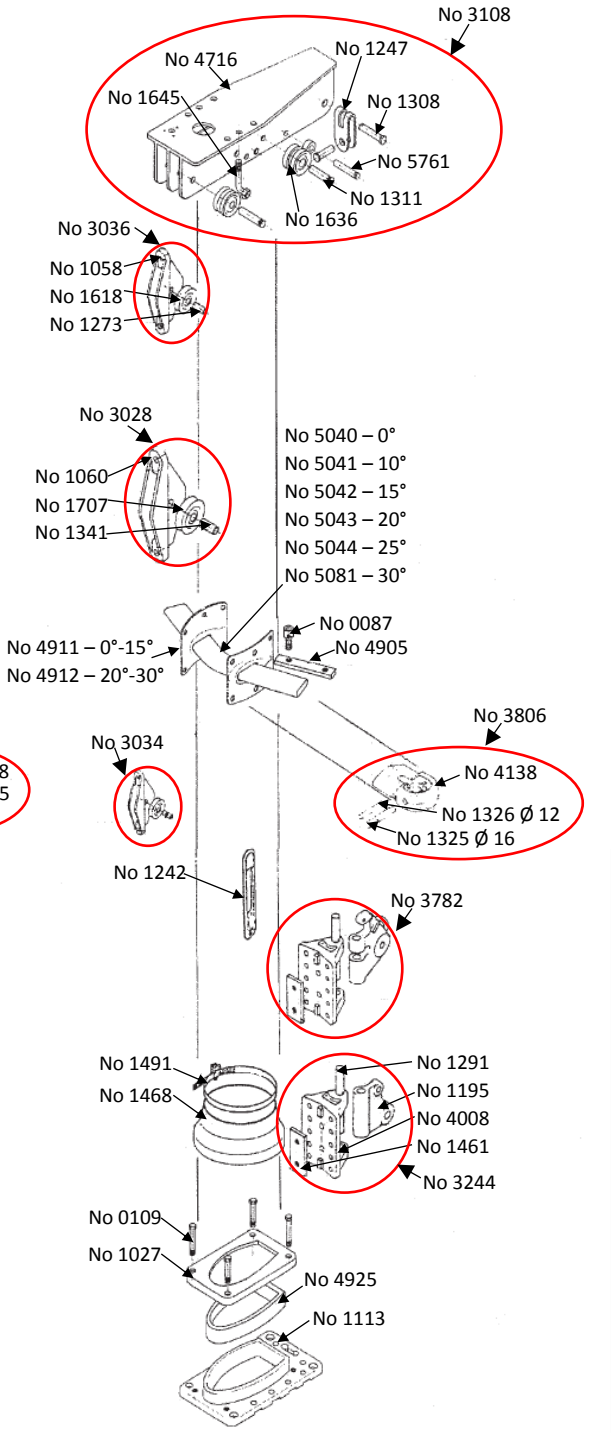
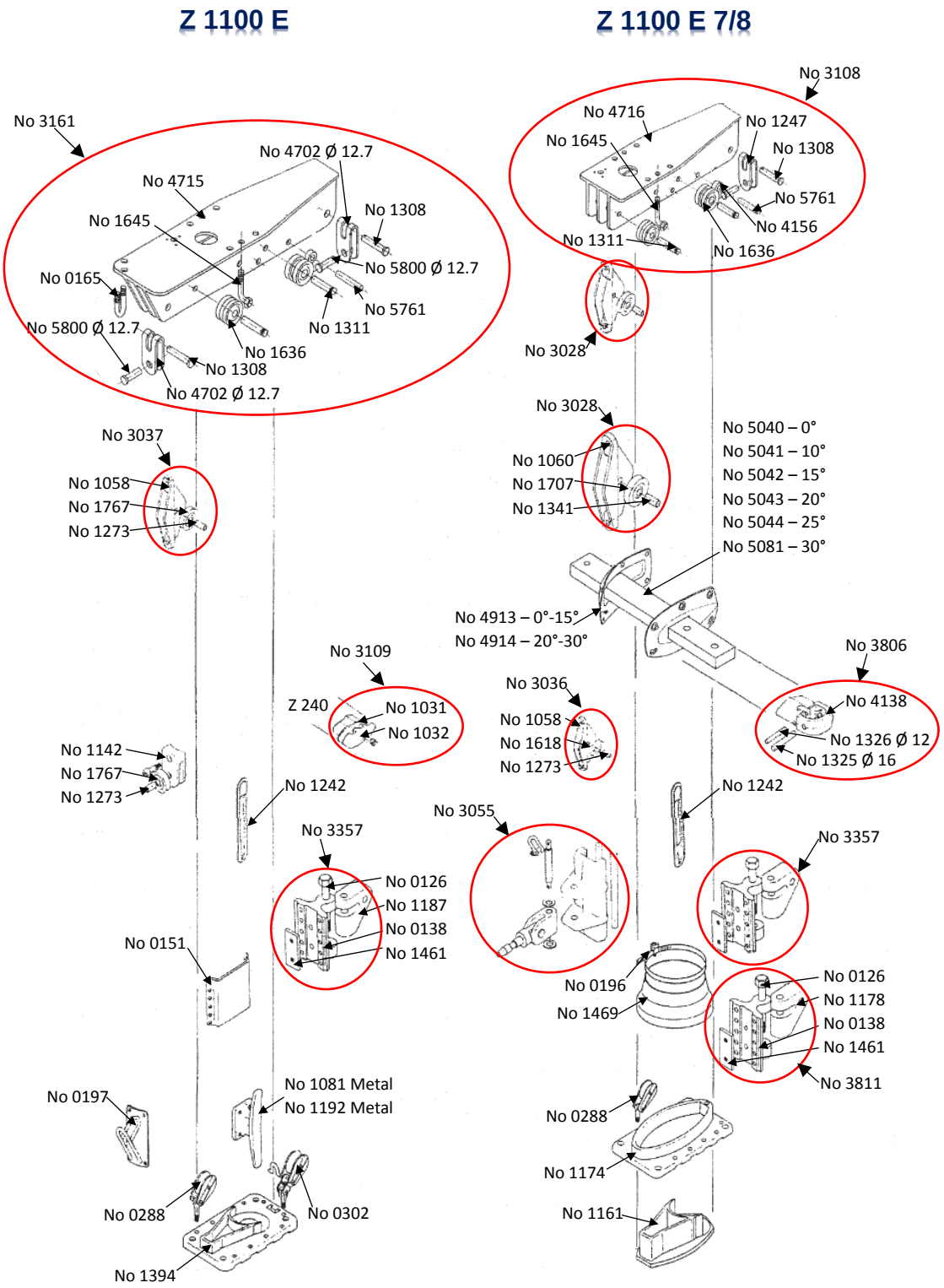
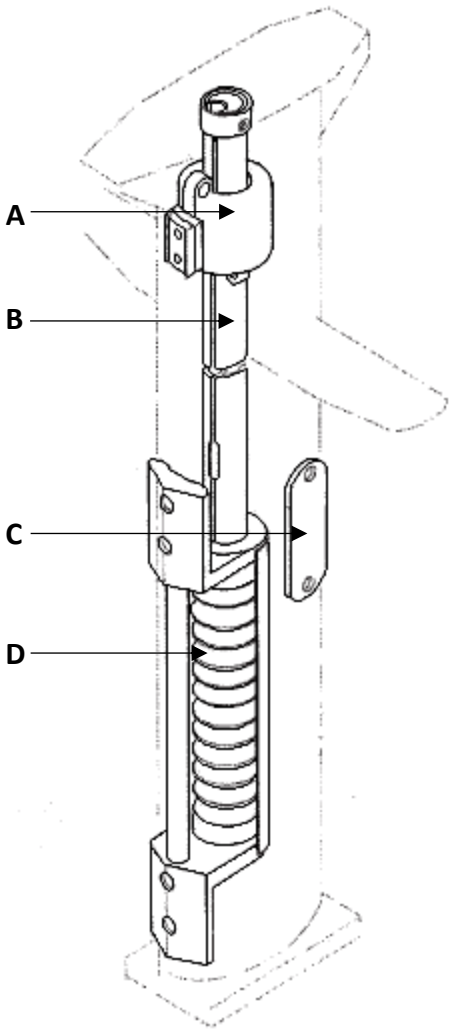


Furling Mast Sections



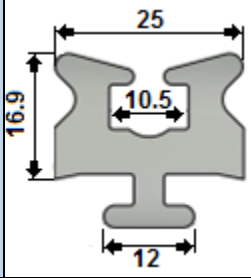
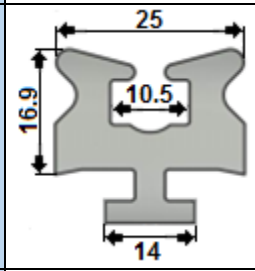
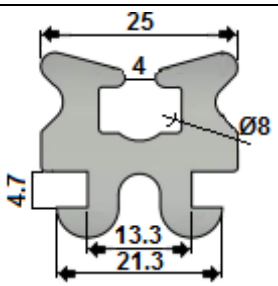
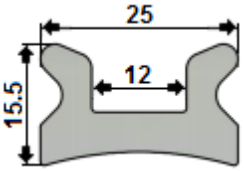
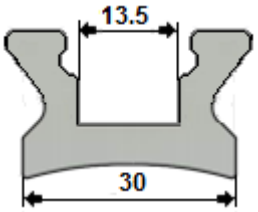
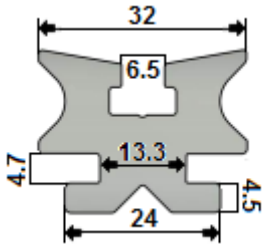
In Mast Furling Mechanism

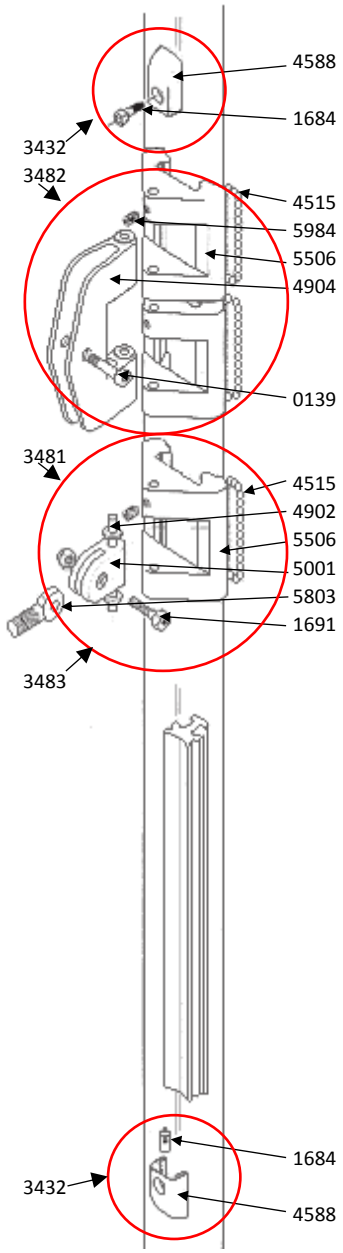


Section		Z 300 E	Z 400 E	Z 500 E	Z 600 E	Z 700 E	Z 900 E	Z 1100 E	Z 1400 E
Halyard Swivel	**A**	**3504**	**3164**	**3164**	**3165**	**3165**	**3166**	**3159**	**3505**
Furling Extrusion	**B**	**0747**	**0747**	**0747**	**0747**	**0747**	**0747**	**0747**	**0747**
Maintenance Cap	**C**	**3247**	**3247**	**3247**	**3247**	**3247**	**3247**	**3245**	**3245**
Furling Mechanism	**D**	**3626**	**3626**	**3626**	**3625**	**3625**	**3625**	**3627**	**3627**
Clew Shackle		**3208**	**3208**	**3208**	**3208**	**3208**	**3208**	**3208**	**3208**
Halyard Swivel Shackle		**3168**	**3168**	**3168**	**3168**	**3168**	**3168**	**1562**	**1562**

Batten Car Systems

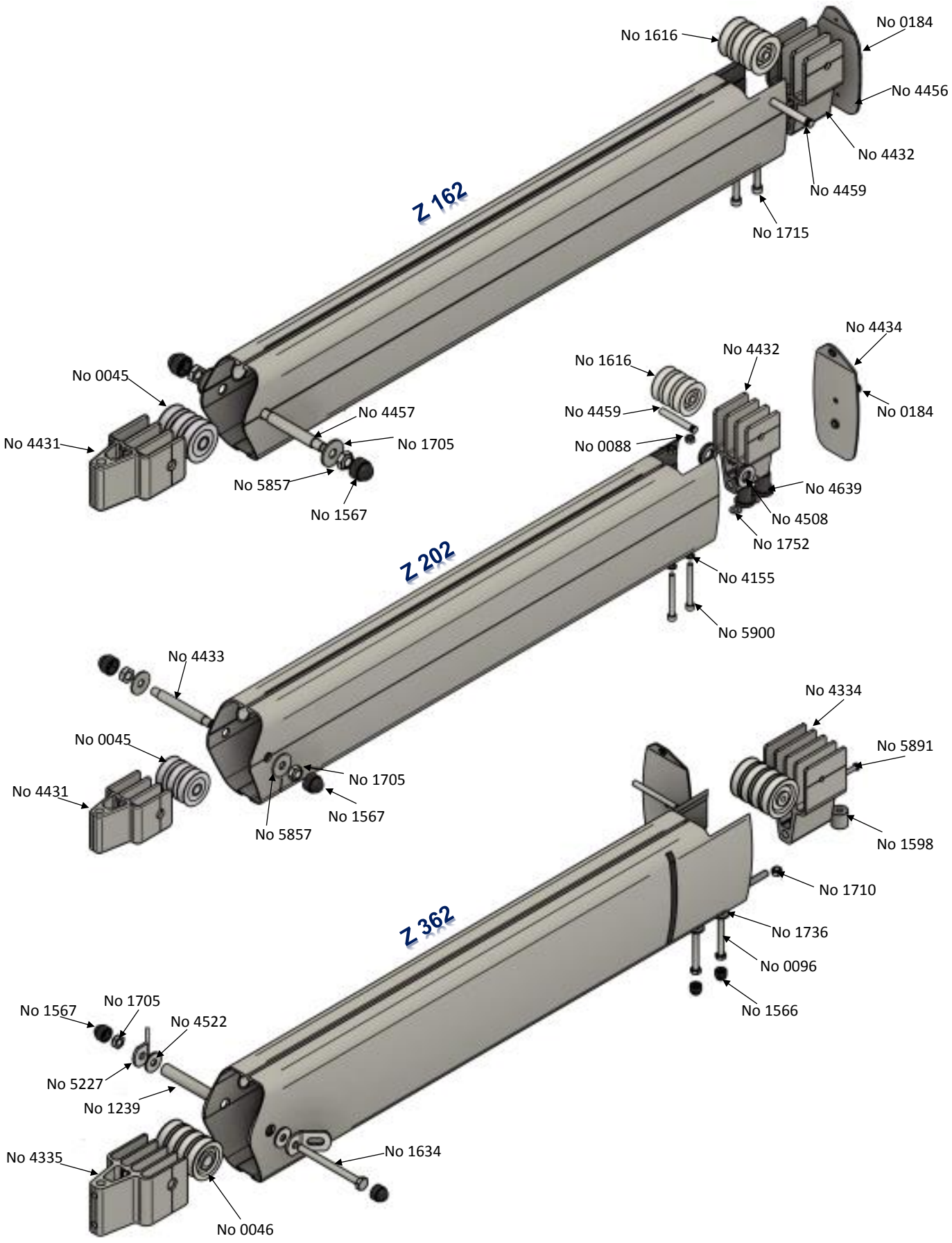
We have developed a new car system to cope with the special requirements of fully-battened mail sails. The system runs on Torlon ball bearings, with all cars machined from solid aluminium. Track and cars are anodised silver

	Tracks	Masts	Head Car	Batt Car	Inter Car	Track Ends	Torlon Balls
R 25/1 932		Z 401 Z 531 Z 601 Z 701	3482	3481	3483	3432	4515
R 25/2 933		Z 301 Z 395 Z 501	3482	3481	3483	3432	4515
R 25/3 934		Z 800E Z 901 Z 900E Z 1001 Z 1100E	3482	3481	3483	3432	4515
R 25/4 931		Z 301 Z 395 Z 501	3482	3481	3483	3432	4515
R 32 619		Z 1001 Z 1100E Z 1400	3480	3479		3433	4517
R 32/1 663		Z 901 Z 1001 Z 1400 Z 1600	3480	3479		3433	

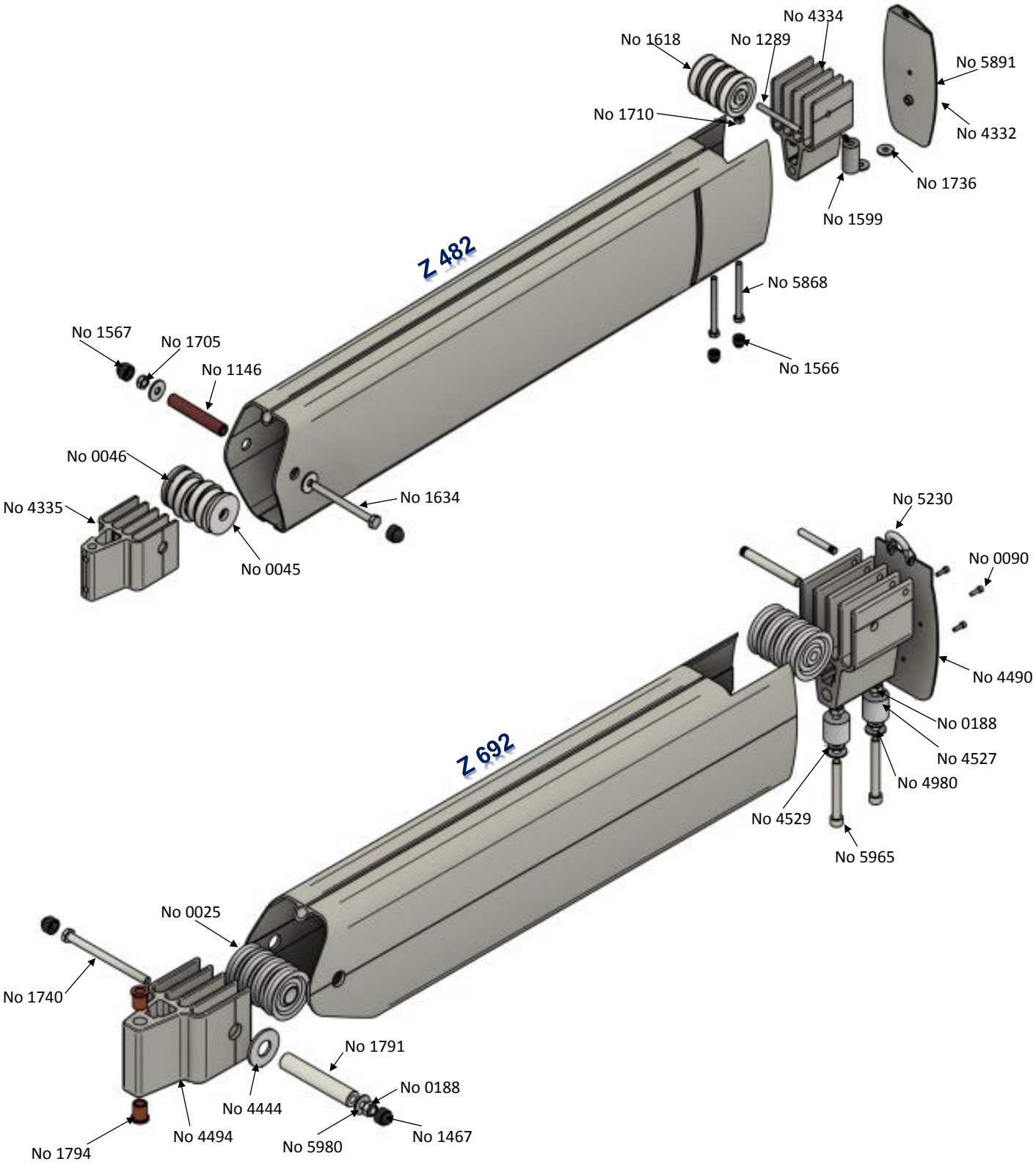


This system comes with a one piece track and is compatible with any Z Spars mast section.

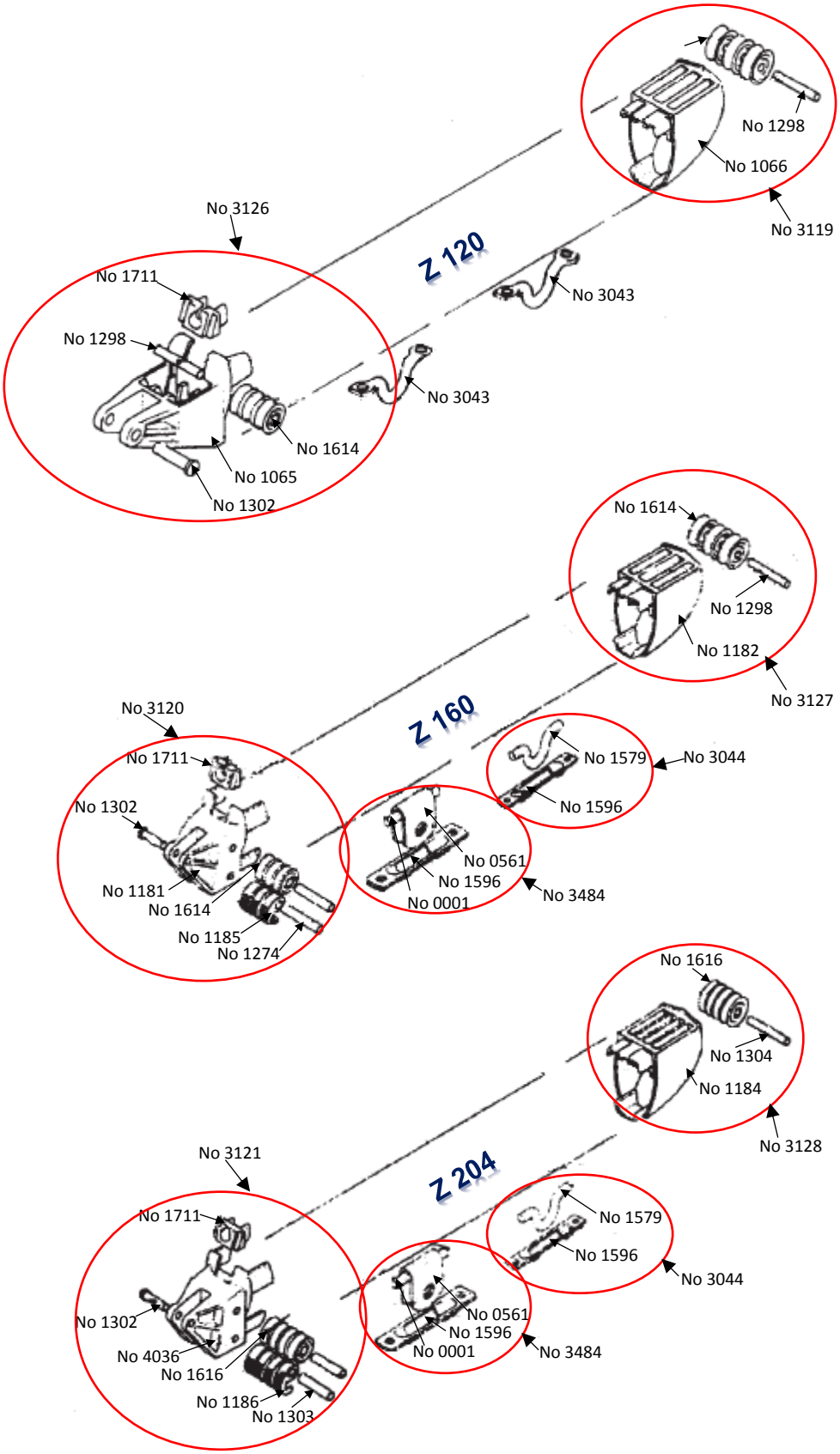
Current Boom Sections



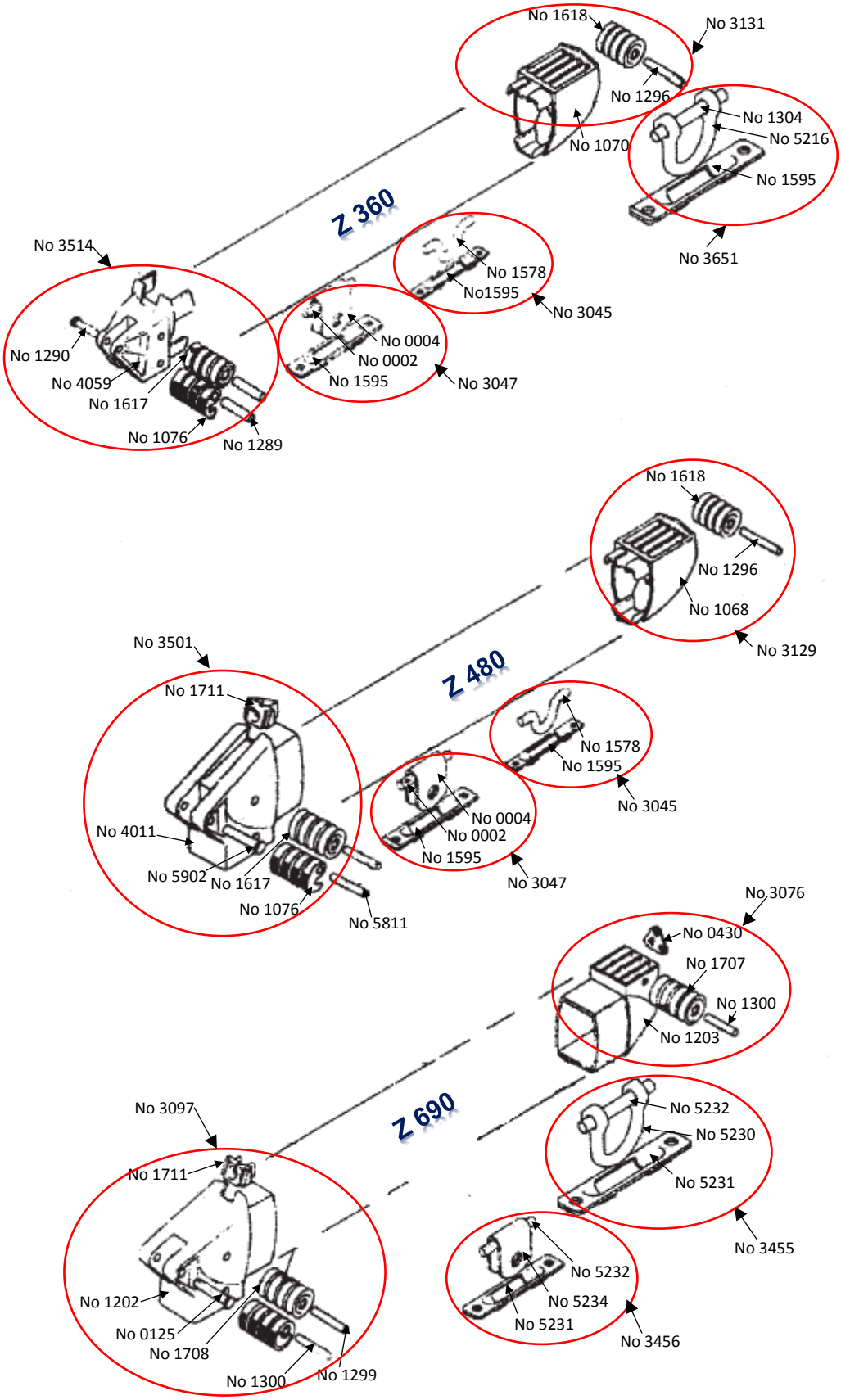
Current Boom Sections



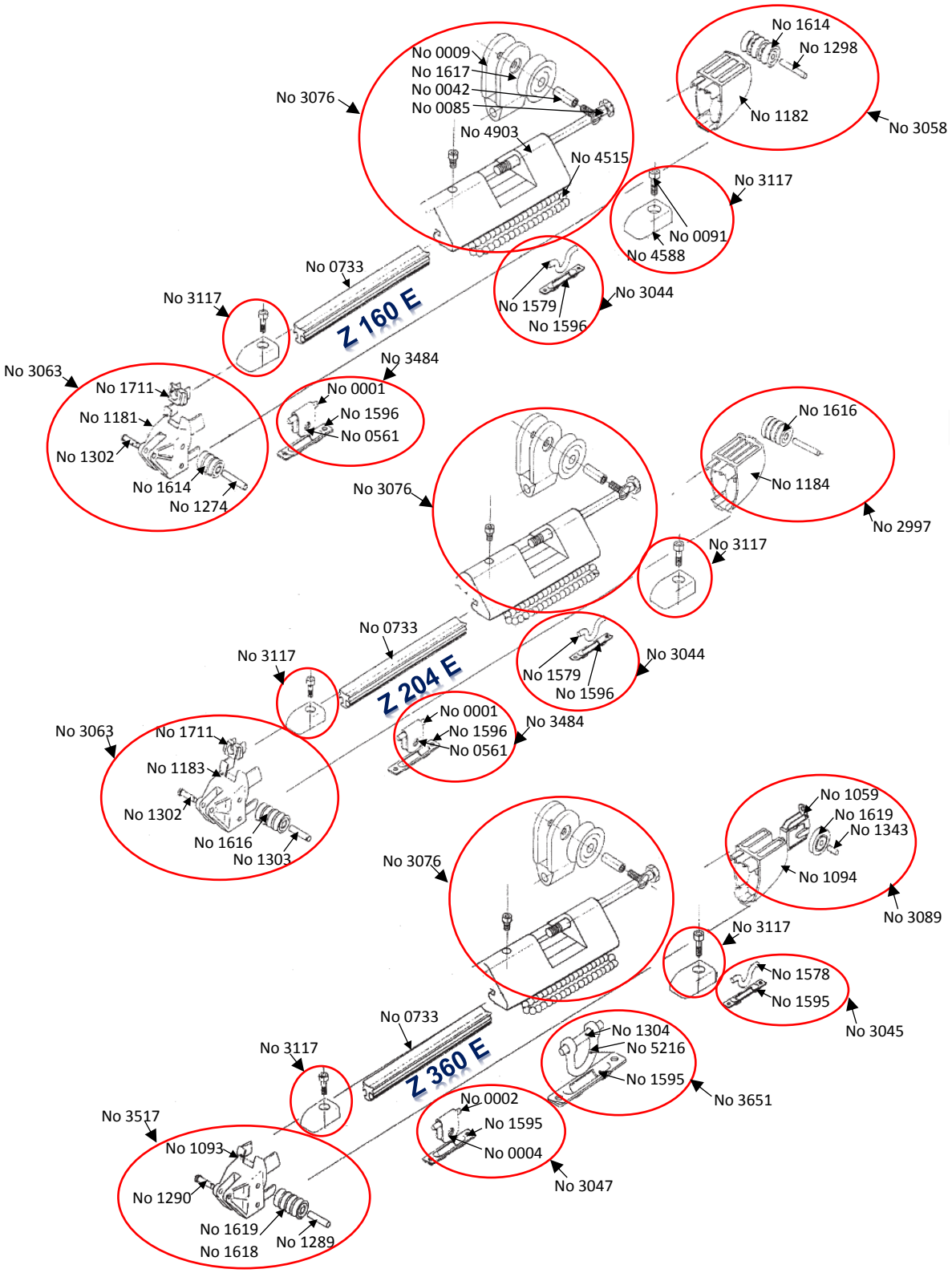
Discontinued Boom Sections



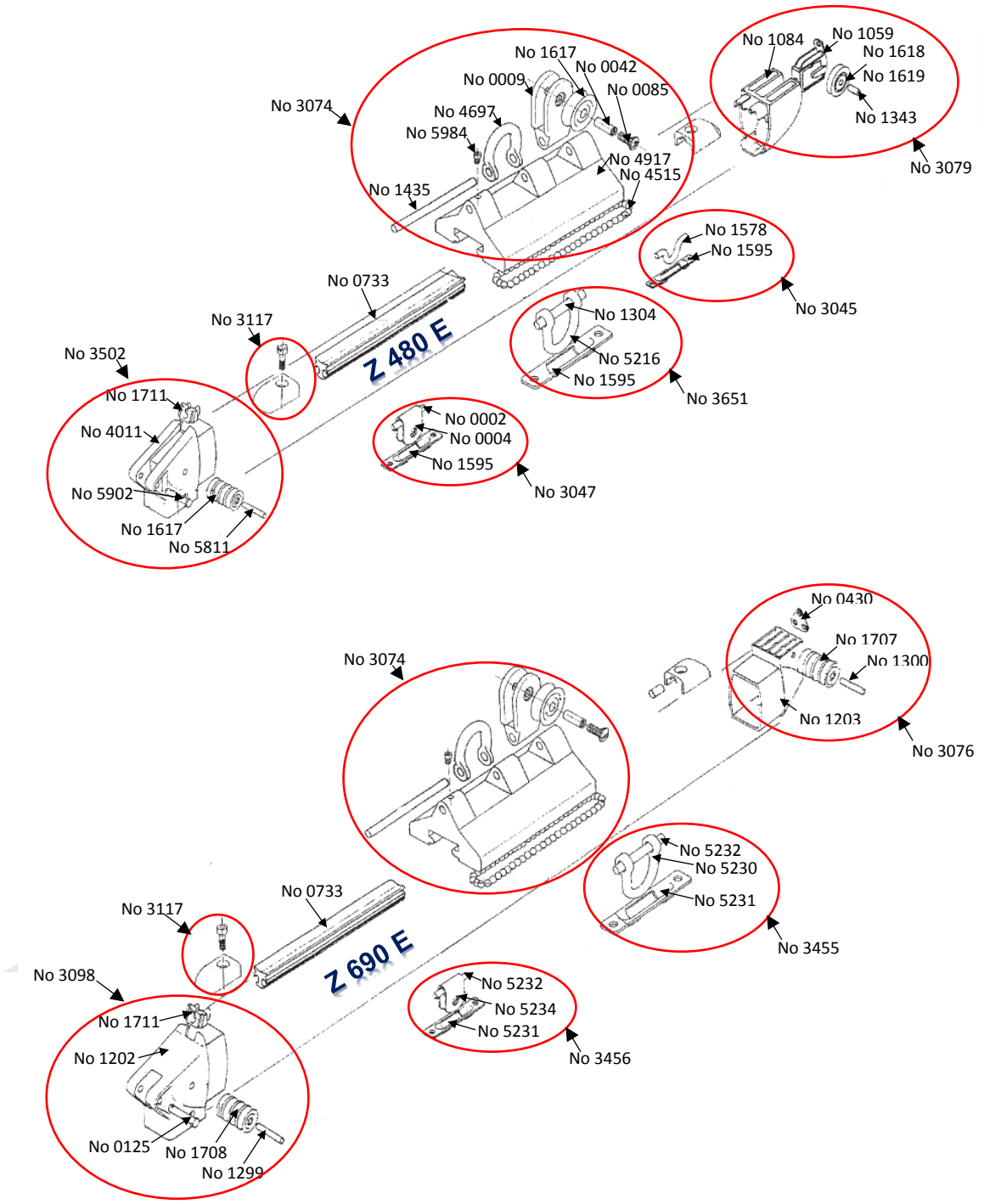
Discontinued Boom Sections



In Mast Furling Booms

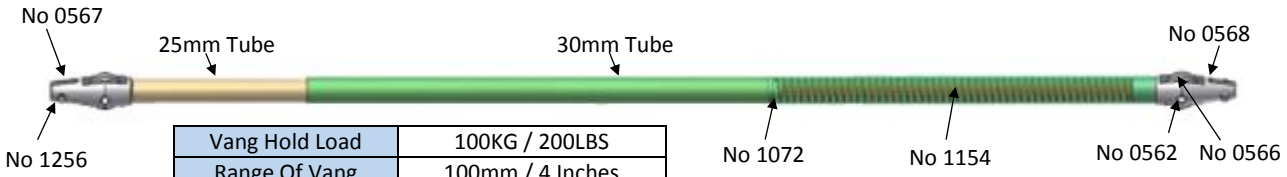


In Mast Furling Booms



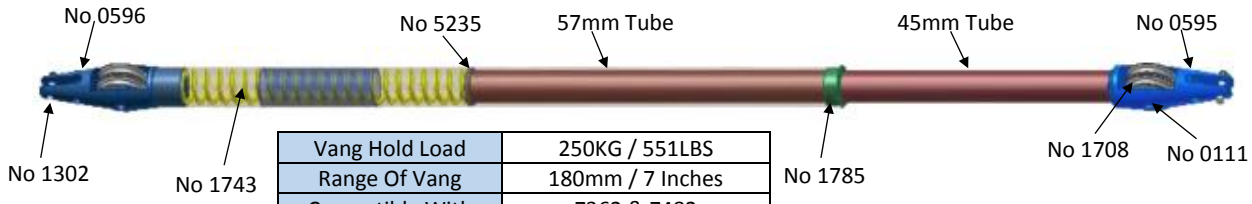
Rigid Vangs

Small Vang



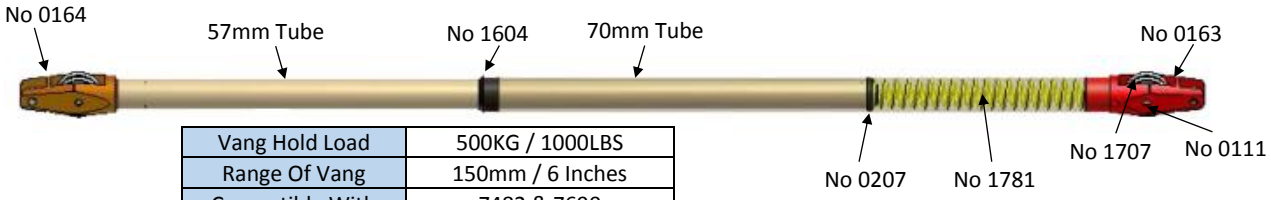
Vang Hold Load	100KG / 200LBS
Range Of Vang	100mm / 4 Inches
Compatible With	Z160 & Z204
Fork Gap	7mm / 9/32 Inches
Connecting Pin Size	8mm / 5/16 Inch

Medium Vang



Vang Hold Load	250KG / 551LBS
Range Of Vang	180mm / 7 Inches
Compatible With	Z362 & Z482
Fork Gap	13mm / 1/2 Inches
Connecting Pin Size	10mm / 3/8 Inch

Large Vang



Vang Hold Load	500KG / 1000LBS
Range Of Vang	150mm / 6 Inches
Compatible With	Z482 & Z690
Fork Gap	28mm / 1 Inch
Connecting Pin Size	12mm / 1/2 Inch

Rigid Vang Installation

The optimum angle for the vang is approximately 30° to the horizontal. If the distance of the boom tang aft of the mast is 1.75 times the distance from the mast tang to the top of the boom, this is about the correct angle. At this angle, the overall length of the uncompressed vang should be approximately 2.1 times the distance from the mast tang to the top of the boom.

The mast attachment is best located as close to the deck as possible. We suggest 80mm from the deck to underside of the bracket.

INTIAL SETUP:

1. Fix the mast bracket on the mast
2. Slide the boom bracket onto the underside track on the boom, but do not fit is permanently. (Note: the forward boom end fitting must be removed to insert the boom bracket in the track). Temporarily locate the boom bracket aft of the mast at 1.75 x the distance from the mast bracket to the top of boom; hold it in place by, for example, tying a piece of line around the mast and onto the bracket.
3. With a boom topping life used to raise the boom, attach the vang to the two brackets. The vang should be installed with the larger tube uppermost – otherwise water will accumulate around the stainless spring and corrosion of the alloy tube will result.
4. With the mainsail installed on the boom, release the topping lift. With no tension on the vang rope, check the boom angle: it should be a little above horizontal. You can adjust the boom bracket fore and aft to increase or decrease the 'lift' of the boom. If the boom bracket needs to move more than 200mm forward, then the vang is too short – get a longer vang from Z Spars. If the bracket needs to move more than 200mm aft, then the vang is too long – shorten the vang as described below.
5. Once you are happy that the vang is supporting the boom plus mainsail above horizontal, pull the boom down with the mainsheet as far as it will go. The vang is now fully compressed, and the boom should be about 4 degrees below horizontal (i.e. outboard end of boom about 70mm below horizontal for every 1 metre of boom length). If the vang is fully compressed before this angle is reached, then move the boom bracket aft a little, and go back to step 4. If the boom is then below horizontal, the movement range of the vang is inadequate: get an additional half spring from Z Spars and install it in the vang. This will provide additional power and range of movement in the vang.
6. Once you have achieved the required vang length and angle, fix the boom fitting permanently (or you may wish to go sailing with the bracket fixed temporarily, before final positioning).
7. The vang comes with a built-in 5:1 purchase: the rope must exit the final sheave at the boom end and run back to a block at the mast base, then go back to the cockpit. Fitting a 2:1 purchase on the rope tail (e.g. by fitting a single block on the vang rope tail, and a single and becket block at the mast base) will double the final purchase to 10:1.
8. When the vessel is at moorings, then the vang rope can be released and the boom topping lift can be used to raise the raise the boom well above horizontal (but not so far that the vang tubes disengage!)
9. If you have any questions regarding the installation of your Z Spars vang, please contact us – details below.

TO SHORTEN THE VANG LENGTH: shorten the smaller tube ONLY. Remove the rope tackle and pull apart the two tubes. Remove the plastic bush from the end of the smaller tube (push fit) and cut the smaller tube to the required length. Reassemble.

MAINTENCE: Rinse occasionally with fresh water (e.g. at end of season).

Spinnaker Poles – Piston to Piston

Pole Ref	Pole OD	Wall Thickness mm	Tube Length mm	Pole Length mm	Weight KG
Ø 45	45	2	2300	2470	3.64
Ø 50	50	2	2900	3070	4.55
Ø 57	57	2.1	3500	3670	5
Ø 70	70	2.5	4500	4730	6.37
Ø 80	80	2	6000	6230	7.37

Spinnaker Poles – Cone to Piston

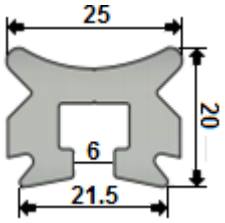
Pole Ref	Pole OD	Wall Thickness mm	Tube Length mm	Pole Length mm	Weight KG
Ø 80	80	2	6000	6215	7.37
Ø 100	100	3	6000	6245	10

Tube Size	Part No
Ø 45	**3148**
Ø 50	**3150**
Ø 57	**3151**
Ø 70	**3153**
Ø 80	**3154**
Ø 100	**3155**

Tube Size	Part No
Ø 80	**3442**
Ø 100	**3443**

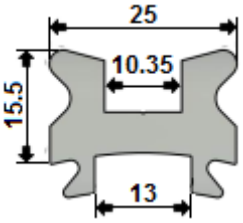
Spinnaker VPS Track Kits

01 Series 25mm		
Part No	Description	Quantity
0731	Spin Track 01 Series	3.5 Metres
3675	End Stop With Sheave	2
1662	Clam Cleat	2
4588	Track End	2
0308	Control Line	1
2 Car Options:		
3055	Finger & Toggle	1
3008	Car Ring	1



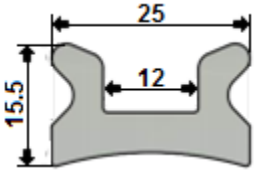
No 0731
01 Series Track

02 Series 25mm		
Part No	Description	Quantity
0666	Spin Track 02 Series	3.5 Metres
3674	End Stop With Sheave	2
1662	Clam Cleat	2
4588	Track End	2
0308	Control Line	1
2 Car Options:		
3055	Finger & Toggle	1
3008	Car Ring	1



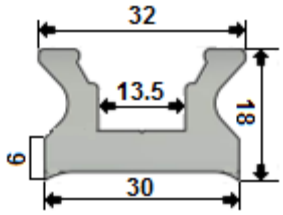
No 0666
02 Series Track

Rivet On 25mm		
Part No	Description	Quantity
0931	Spin Track Rivet On	3.5 Metres
3674	End Stop With Sheave	2
1662	Clam Cleat	2
4588	Track End	2
0308	Control Line	1
2 Car Options:		
3055	Finger & Toggle	1
3008	Car Ring	1



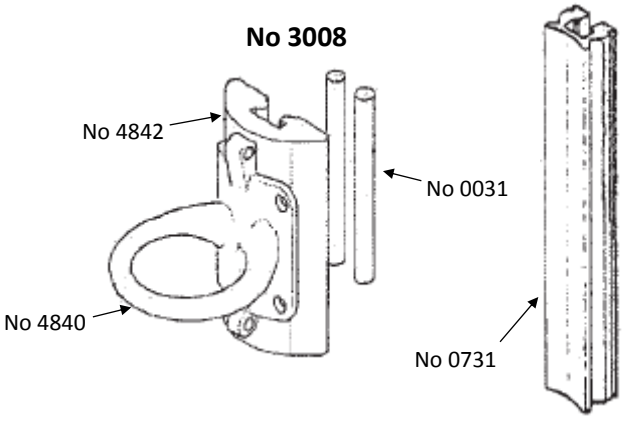
No 0931
25mm Rivet on Track
Mast - Z401-Z501

Rivet On 32mm		
Part No	Description	Quantity
0943	Spin Track Rivet On	3.5 Metres
3674	End Stop With Sheave	2
1662	Clam Cleat	2
4588	Track End	2
0308	Control Line	1
3055	Finger & Toggle	1

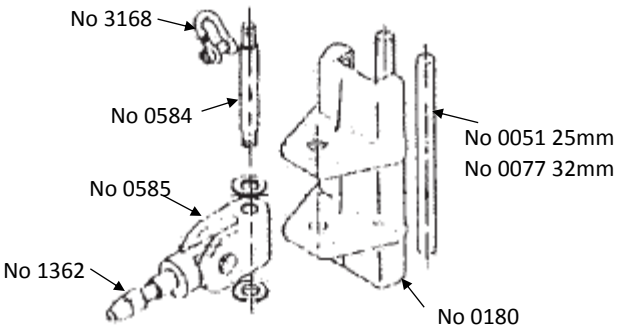


No 0943
32mm Rivet on Track
Mast – Z901-Z1400

No 3008

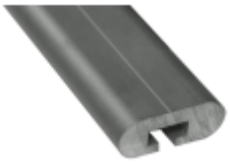


No 3055



Spreader Bars & Mounting Hardware

Z180 / Z240



Z65 / Z80 / Z95

Z180 / Z240	Z65 / Z80 / Z95
0° - **No 5040**	0° - **No 5095**
10° - **No 5041**	5° - **No 5088**
15° - **No 5042**	10° - **No 5089**
20° - **No 5043**	15° - **No 5090**
25° - **No 5044**	20° - **No 5091**
30° - **No 5081**	25° - **No 5093**
	30° - **No 5092**

Z180 / Z240

No 12557

Z65 / Z80 / Z95

No 12558

Spreader Plates

No 5096
Z65/Z80/Z95
Mast Z265
0° - 15°

No 5085
Z65/Z80/Z95
Mast Z265
20° - 30°

No 5097
Z65/Z80/Z95
Mast Z401-Z501
0° - 15°

No 5086
Z65/Z80/Z95
Mast Z401-Z501
20° - 30°

No 5312
Z180/Z240
Mast Z502
20°

No 5098
Z65/Z80/Z95
Mast Z531
0° - 15°

No 5106
Z65/Z80/Z95
Mast Z531
25°

No 5087
Z65/Z80/Z95
Mast Z531
20° - 30°

No 4911
Z180/Z240
Mast Z602-Z902
0° - 15°

No 5244
Z180/Z240
Mast Z601-Z901
20°

No 4912
Z180/Z240
Mast Z602-Z902
20° - 30°

No 4913
Z180/Z240
Mast Z1001
0° - 15°

No 4914
Z180/Z240
Mast Z1001
20° - 30°

Wrap-around Spreader Plates

No 4052
Z145

No 4118
Z170

No 4130
Z190

No 4131
Z230

Continuous Spreader Tips

No 1041
Dinghy Spreader Tip

No 3113
Z60 Spreader Tip

No 3114
Z95 Taper/Z80/Z65
Spreader Tip

No 3802
Z95 Spreader Tip

No 3115
Z240 Taper/Z180
Spreader Tip

No 3803
Z240 Tapered Spreader Tip

Discontinuous Spreader Tips

No 3527
Z60 6/8
Spreader Tip

No 1054
Z65/Z80 6/8
Spreader Tip

No 3500
Tapered
Z95/Z80/Z65
8/10 Spreader Tip

No 3110
Tapered
Z95/Z80/Z65
8/12 Spreader Tip

No 3804
Z95 8/10
Spreader Tip

No 3805
Z95 8/12
Spreader Tip

No 3438
Tapered
Z240/Z180
10/12 Spreader Tip

No 3111
Tapered
Z240/Z180
12/16 Spreader Tip

No 3806
Z240 10/16
Spreader Tip

No 3806
Z240 12/16
Spreader Tip

No 3806BR
Z240 B&R 12/16
Spreader Tip

No 3807
Z240 12/19
Spreader Tip

Mast Foots, Steps & Bases

No 1397
Z145 Mast Foot

No 1095
Z170 Mast Foot

No 1096
Z190 Mast Foot

No 1171
Z190 Mast Foot

No 1097
Z230 Mast Foot

No 1098
Z265 Mast Foot

No 1103
Z301-Z351
Mast Step

No 4032
Z401 Mast Step

No 1120
Z501-Z532E
Mast Step

No 4866
Z602-Z602E
Mast Step

No 4873
Z702-Z702E Mast Step

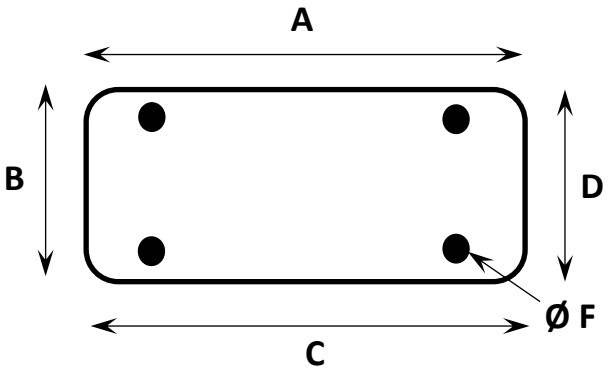
No 4871
Z902-Z902E Mast Step

No 1100
Z145-Z190 Mast Base
For No 1397, 1095 & 1096

No 1101
Z190-Z265 Mast Base
For No 1171, 1097 & 1098

Base Dimensions

Mast	Part No	A	B	C	D	E	F
Z 145	**1100**	124	32	80	108	11	6.5
Z 145 T	**1111**	110	0	90	40	19	5
Z 170	**1100**	124	32	80	108	11	6.5
Z 190 A	**1100**	124	32	80	108	11	6.5
Z 190 B	**1101**	152	59	87	130	9	6.5
Z 230	**1101**	152	59	87	130	9	6.5
Z265	**1101**	152	59	87	130	9	6.5
Z 351	**1103**	214	85	160	160	14	6.5
Z 351 T	**4016**	190	100	145	120		8.5
Z 401	**4032**	245	150	200	220	14	6.5
Z 501	**1120**	235	150	200	188	14	8.5
Z 531	**4022**	235	150	200	220		8.5
Z 601	**1164**	285	160	215	230	25	8.5
Z 601 T	**1157**	300	160	210	190		8.5
Z 701	**1165**	285	160	215	230	15	8.5
Z 701 7/8	**1158**						
Z 901	**4035**	285	160	215	230		8.5
Z 901 7/8	**1113**	225	70	130	150	0	8.5
Z1001	**1394**	340	180	260	260		8.5
Z 1001 7/8	**1161**	300	90	150	190	5	8.5
Furling Mast	**Part No**	**A**	**B**	**C**	**D**	**E**	**F**
Z 300 E	**1103**	214	85	160	160	14	6.5
Z 300 E 7/8	**1115**	235	150	200	220		8.5
Z 400 E	**4032**	245	150	200	220	14	6.5
Z 500 E	**1120**	235	150	200	188	14	8.5
Z 600 E	**1157**	300	160	210	190		8.5
Z 600 E 7/8	**1164**	285	160	215	230	25	8.5
Z 700 E	**1165**	285	160	215	230	15	8.5
Z 700 E 7/8	**1158**						
Z 900 E	**4035**	285	160	215	230		8.5
Z 900 E 7/8	**1113**	225	70	130	150	0	8.5
Z 1100 E	**1394**	340	180	260	260		8.5
Z 1100 E 7/8	**1161**	300	90	150	190	5	8.5



Gooseneck & Vang Brackets

No 4063
Mast - Z145-Z351
Boom - Z160/Z162
/Z202/Z204

No 1062
Mast – Z401-Z601
Boom – Z360

No 1063
Mast – Z400E-Z600E
Boom – Z360E

No 4008
Mast – Z600E-Z900E
Boom –
Z360E/Z480E

No 4009
Mast – Z401-Z901
/Z532/Z602E-Z902E
Boom –
Z360E/Z480E

No 4330
Mast – Z401-Z901
/Z532/Z602E-
Z902E
Boom –
Z362/Z482

No 0138
Mast – Z900E-Z1100E
Boom – Z690

No 0565
Mast – Z902-
Z1250E
Boom – Z690

No 4980
Mast – Z902/Z903
Boom – Z692

No 4979
Mast – Z1102
Boom – Z692

No 1759
Mast – Z1250
Boom – Z482

Gooseneck & Vang Toggles

No 0561
Small Vang Toggle
Mast – Z145-Z351

No 0560
Small Vang Toggle
Mast – Z145-Z351

No 1219
Medium Vang Toggle
Mast – Z401-Z902

No 4938
Medium/Large Vang Toggle
Mast – Z601-Z1100

No 1178
Large Vang Toggle
Mast – Z1001-Z1253

No 1034
Gooseneck Toggle
Mast – Z145-Z351
Boom – Z160/Z204

No 1083
Gooseneck Toggle
Mast – Z401-Z702
Boom – Z204/Z360

No 4010
Gooseneck Toggle
Mast – Z601-Z1100
Boom – Z480

No 1187
Gooseneck Toggle
Mast – Z901-Z1250
Boom – Z690

Gooseneck Assemblies

No 3355
Mast – Z145-Z351
Boom – Z160/Z204

No 3410
Mast - Z145-Z351
Boom – Z162/Z202

No 6017
Mast – Z401/Z402/Z501
/Z502/Z531
Boom – Z204/Z360

No 3349
Mast –
Z300E/Z400E/Z500E
Boom – Z204/Z360

No 3351
Mast – Z600E/Z700E
/Z900E
Boom - Z360

No 3051
Mast – Z401/Z501
/Z502/Z531
Boom – Z362

No 3010
Mast – Z602/Z702/Z902
Boom – Z362/Z482

No RHP3010
Mast – Z1100E
Boom – Z690E

No 3791
Mast Peel Out Track –
Z532/Z602/Z702/Z902
Boom – Z362E/Z482E

No 3782
Mast –
Z600E/Z700E/Z900E
Boom – Z480

No 3783
Mast – Z601/Z701
Boom – Z480

No 3794
Mast – Z901/Z1001
Boom – Z480

Gooseneck Assemblies Continued

No 3794
Mast – Z901/Z1001/Z1400
Boom – Z360

No 3357
Mast – Z1100E
Boom – Z690E

Vang Bracket Assemblies

No 3271
Mast – Z145/Z170
/Z190/Z230/Z262
Small Vang

No 3246
Mast – Z145/Z170
/Z190/Z230/Z262
Medium Vang

No 3243
Mast –Z300E
/Z400E/Z500E
Medium Vang

No 3252
Mast – Z401/Z501
/Z531/Z601/Z701
Medium Vang

No 3838
Mast – Z532/Z602
/Z702/Z902/Z903
Medium & Large Vang

No 3244
Mast – Z600E
/Z700E/Z900E
Medium Vang

No 3811
Mast – Z701/Z702/Z702E
/Z902/Z902E/Z1252E
Large Vang

No 3256
Mast – Z1001
/Z1100E/Z1400
Large Vang

Standard Mastheads

No 1001A
Z170-Z230 Masthead

No 1003
Z300E Masthead

No 1007
Z265-Z351 Masthead

No 4711
Z401-Z531 Masthead
(Z400E-Z532E)

No 4709
Z602-Z702 Masthead
(Z602E-Z702E)

No 4715
Z902-Z1001 Masthead
(Z902E-Z1100E)

7/8 & Tapered Mastheads

No 1013
Z145 Masthead 7/8

No 1011
Z170 Masthead 7/8

No 1012
Z190 Masthead 7/8

No 1014
Z230 Masthead 7/8

No 1015
Z265 Masthead 7/8

No 1004
Z300E Masthead 7/8

No 1008
Z351 Masthead 7/8

No 4712
Z401-Z531 Masthead 7/8 (Z400E – Z532E)

No 4710
Z602-Z702 Masthead 7/8 (Z602E-Z702E)

No 4716
Z902-Z1001 Masthead 7/8 (Z902E-Z1100E)

No 1002
Z145-Z230 Masthead Tapered

No 1010
Z170-Z190 Masthead Tapered

No 1017
Z265 Masthead Tapered

No 1028
Z351-Z531 Masthead Tapered

No 1023
Z602 Masthead Tapered

Delrin Sheave Boxes

No 1768

Sheave Box
Small
28mm

No 3032

Sheave Box
Small Assembly
28mm

No 1769

Sheave Box
Medium
45mm

No 3034

Sheave Box
Assembly Medium
45mm

No 1458

Shave Box
Large
60mm

No 3033

Sheave Box
Assembly Large
60mm

Cast Sheave Boxes

No 1058

Sheave Box
Medium
60mm

No 3036

Sheave Box
Assembly Medium
60mm

No 1060

Sheave Box
Large
80mm

No 3028

Sheave Box
Assembly Large
80mm

No 4085

Sheave Box
X-Large
110mm

No 3890

Sheave Box
Assembly X-Large
110mm

Combi Triple Sheave Boxes

No 1051

Combi Triple Small

No 3283

Combi Triple Assembly Small

No 4024

Combi Box Medium

No 3754

Combi Box Assembly Medium

No 1053

Combi Triple Medium 4-600

No 3809

Combi Triple Assembly Medium 4-600

No 1055

Combi Triple F297

No 3334

Triple Combi F297 Assembly

Sheaves

Delrin Sheaves

Part No	Size D x W x Pin
1614	28 x 9.5 x 6
1616	45 x 13 x 8
1617	35 x 16 x 8
1618	60 x 16 x 8
46	60 x 15 x 17
1707	80 x 17 x 14
1708	70 x 16 x 16
1709	70 x 16 x 10
1636	110 x 19.5 x 14
0566	28 x 6.5 x 5

Delrin Ball Bearing Sheave

Part No	Size D x W x Pin
1619	50 x 15 x 14

Aluminium Sheaves

Part No	Size D x W x Pin
1245	50 x 15 x 14
1246	35 x 16 x 8
1248	70 x 16 x 14
1249	80 x 17 x 14
1611	28 x 9.5 x 6
1728	45 x 13 x 8
1767	60 x 16 x 12
6001	60 x 16 x 8
6057	100 x 19 x 16

Halyard Exits

No 1241
Halyard Exit
Small SS
93 x 17

No 1242
Halyard Exit
Large SS
127 x 25

No 1630
Halyard Exit
Small Delrin
115 x 21

No 1692
Halyard Exit
Large Delrin
125 x 29

Cover Plates

No 1235
Access Plate
Aluminium
Small

No 0206
Access Plate
Aluminium
Large

No 4397
Access Plate
Delrin
Small

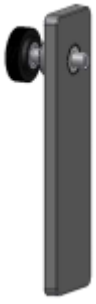
No 4398
Access Plate
Delrin
Large

Sail Entry & Stoppers

No 3085
Sail Entry

No 3495
Sail Stopper
Z190-Z265 &
Z602-Z902

No 3522
Sail Stopper
Z301-Z501



No 3520
Sail Stopper
Z1001-Z1600

Cleats

No 1145
120mm Aluminium Cleat

No 1081
170mm Aluminium Cleat

No 1192
180mm Aluminium Cleat

No 4587
120mm Delrin Cleat

No 4586
170mm Delrin Cleat

No 1662
Clam Cleat for 8mm – 12mm Rope

No 1126
Clam Cleat for < 6mm Rope

Shackles

No 0037
3mm x 9mm x 27mm

No 3210
5mm x 12mm x 25mm

No 3209
5mm x 12mm x 30mm

No 1558
5mm x 20mm x 40mm

No 3168
6mm x 11mm x 30mm
Halyard Shackle

No 3638
6mm x 20mm x 50mm

No 3208
6mm x 35mm x 35mm
Tack Shackle

No 4797
6mm x 28mm x 45mm

No 3635
8mm x 16mm x 35mm

No 4930
8mm x 15mm x 35mm

No 0394
Snap Shackle
SS 70mm

No 0395
Snap Shackle
SS 90mm

28mm Blocks

No 0250
Mast Base Block

No 0251
Hanger Block

No 0252
Cheek Block

No 0253
Becket Block

45mm Blocks

No 0261
Mast Base Block

No 0264
Hanger Block

No 0266
Swivel Block

No 0269
Fiddle Jam Block

No 0300
Mast Swivel Base Block

60mm Blocks

No 0277
Hanger Block

No 0278
Fiddle Block

No 0279
Swivel Block

No 0301
Mast Swivel Base Block

No 0258
Swivel Becket Block

No 0275
Mast Base Block

No 0282
Fiddle Jam Block

No 1589
Mast Ball Bearing Block

80mm Blocks

No 0302
Mast Swivel Base Block

No 0290
Hanger Block

No 0291
Fiddle Block

No 4329
Mast Ball Bearing Block

Cheek Blocks

No 3672
45mm Delrin Cheek Block
Standard Masts

No 3673
45mm Delrin Cheek Block
01 Series Masts

No 3674
45mm Aluminium Cheek Block
Standard Masts

No 3675
45mm Aluminium Cheek Block
01 Series Masts

Full Batten Cars

No 3489
Headboard Car
25mm Track

No 3481
Batten Car
25mm Track

No 3482
Intermediate Car
25mm Track

No 3472
Headboard Car
32mm Track

No 3857
Batten Car
32mm Track

No 3454
Intermediate Car
32mm Track

Full Batten Slides

No 3086
Headboard Slide
Z602/Z702/Z902

No 3080
Batten Slide
Z602/Z702/Z902

No 3107
Intermediate Slide
Z602/Z702/Z902

No 3081
Headboard Slide
Z1001 / Z1250

No 3082
Batten Slide
Z1001 / Z1250

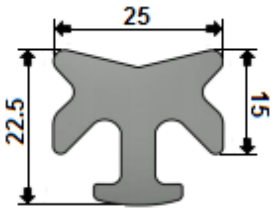
No 3108
Intermediate Slide
Z1001 / Z1250

Boom Cars

No 3074
Large Boom Car - 25mm Track
Z362-Z690

No 3849
Med Boom Car – 25mm Track
Z362- Z482

No 3067
Small Boom Car – 25mm Track
Z202 – Z362



No 0733
25mm Boom Track

Car Bodies

No 4646
Large Car Body
25mm Track

No 4100
Medium Car Body
25mm Track

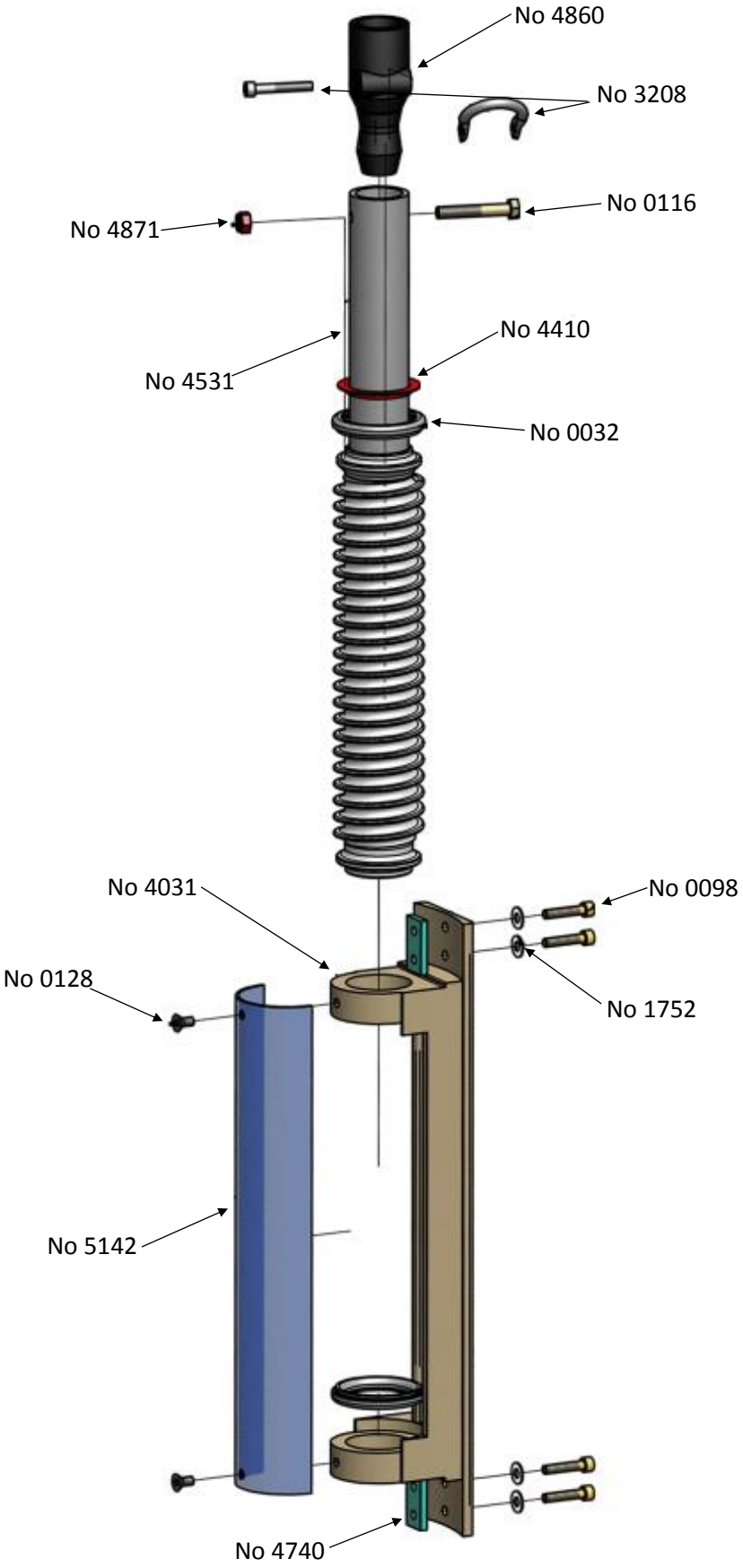
No 4221
Medium Car Body
25mm Track

No 4728
Small Car Body
25mm Track

No 1483
Slider Body
Z602/Z702/Z902

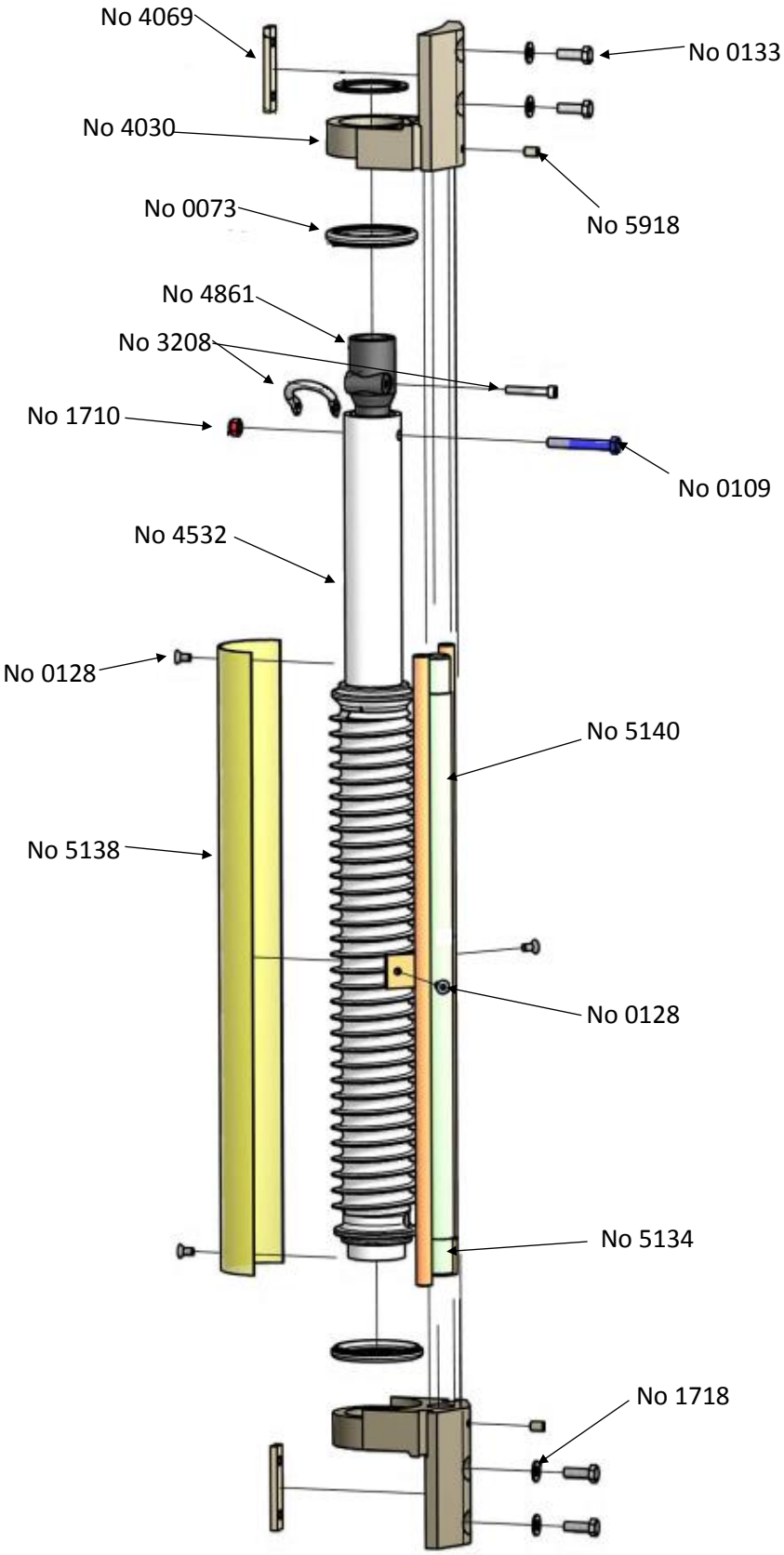
No 1497
Slider Body
Z1001 / Z1250

Small Furling Drum Layout Z532E

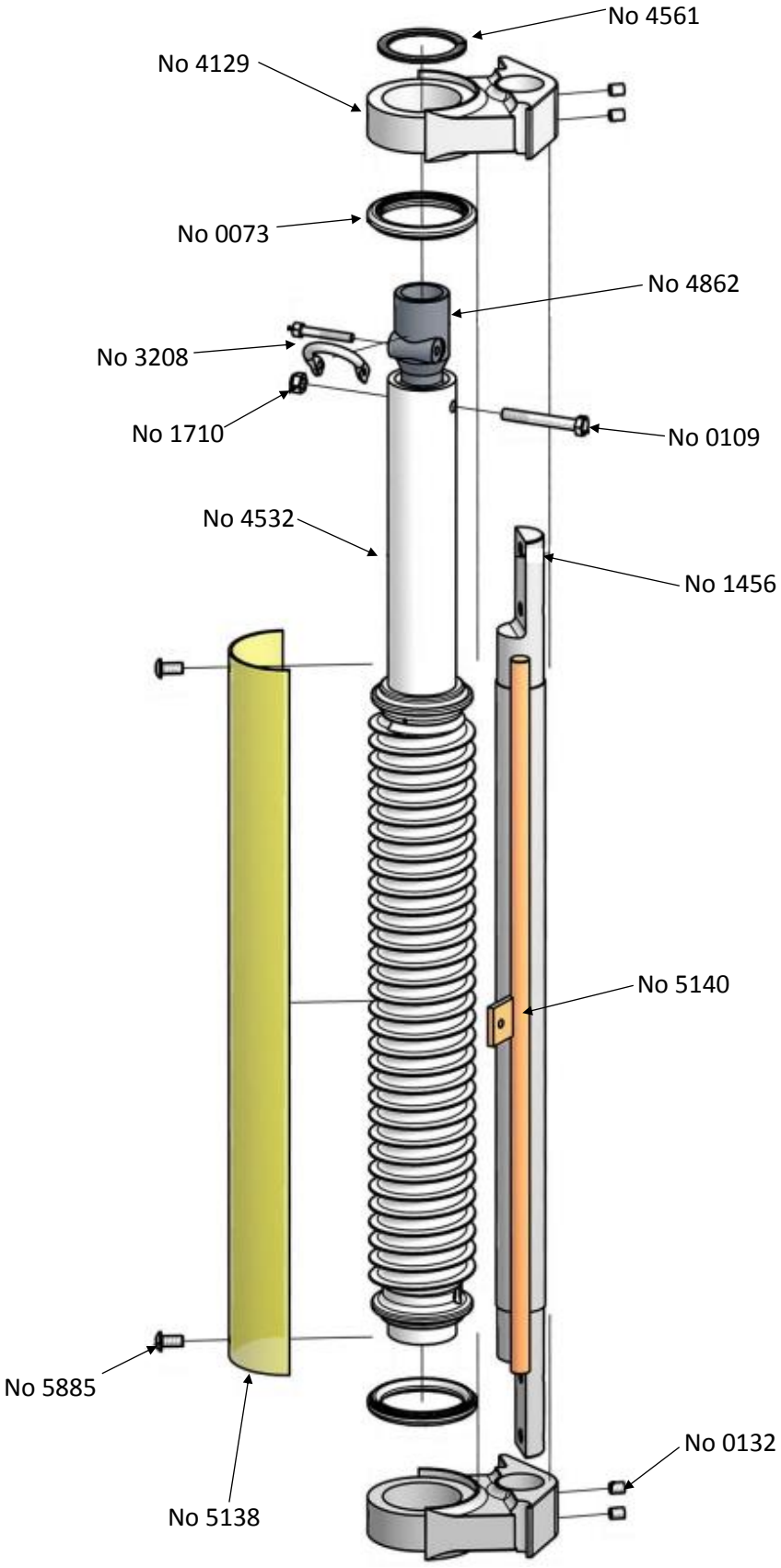


T: 01473 822130 E: sales@zsparsuk.com W: www.zsparsuk.com
Z Spars International LTD, Unit 2, Pond Hall Road, Hadleigh, Ipswich, Suffolk, IP7 5PW

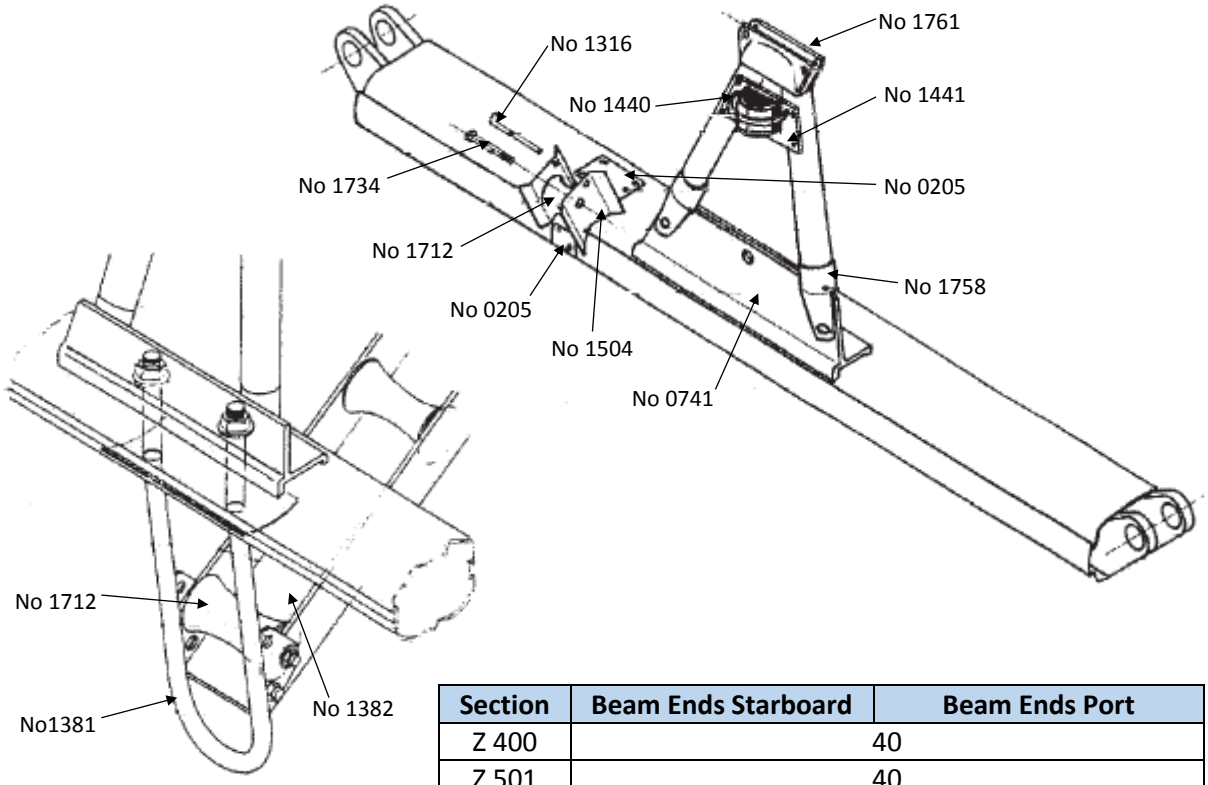
Large Furling Drum Layout
Z602E –Z1100E



Large Furling Drum Layout Z1252E

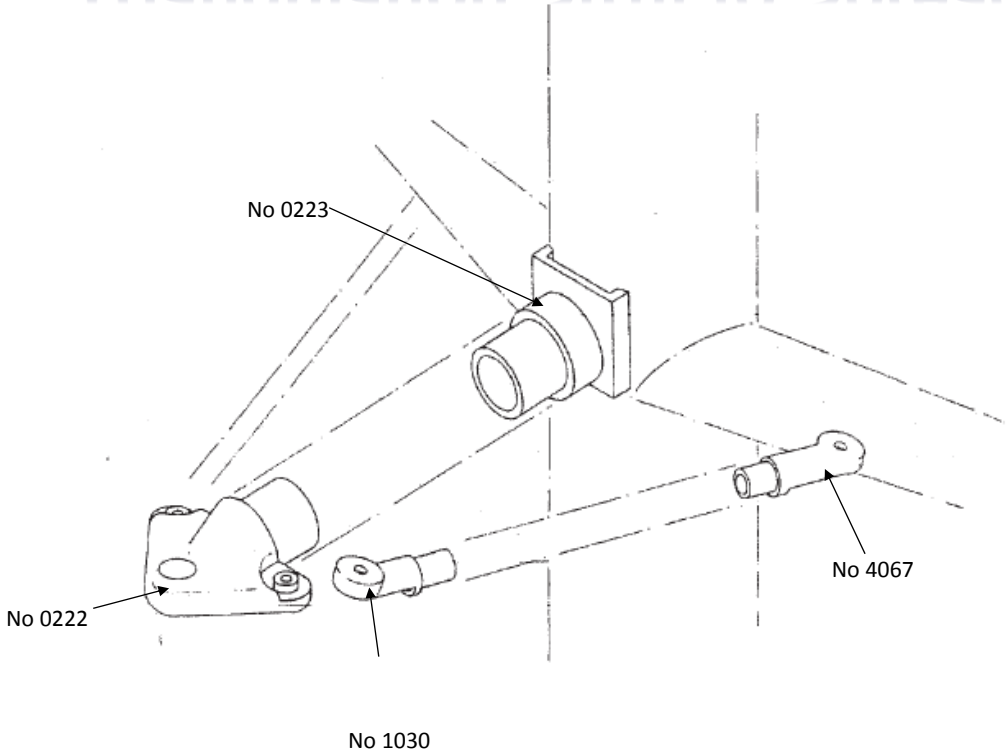


Catamaran Beams



Section	Beam Ends Starboard	Beam Ends Port
Z 400	40	
Z 501	40	
Z 600	41	
Z 701	41	

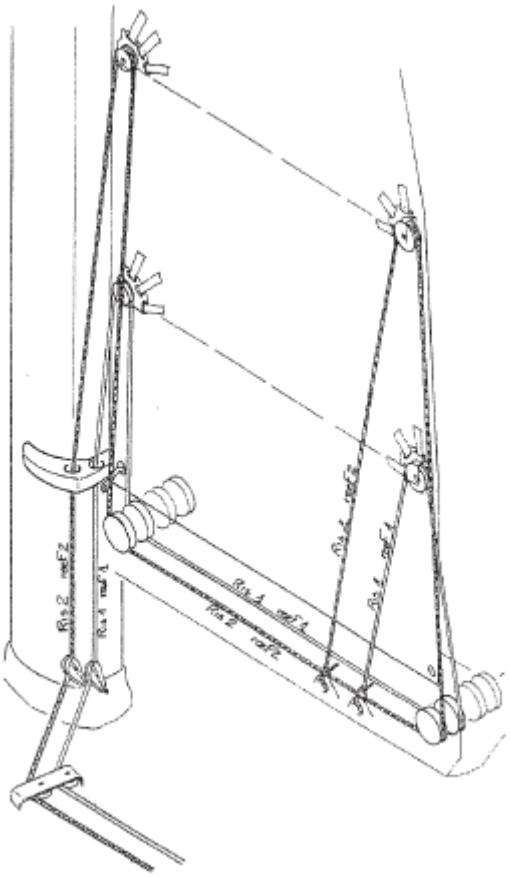
Triangulation Strut to Spreader

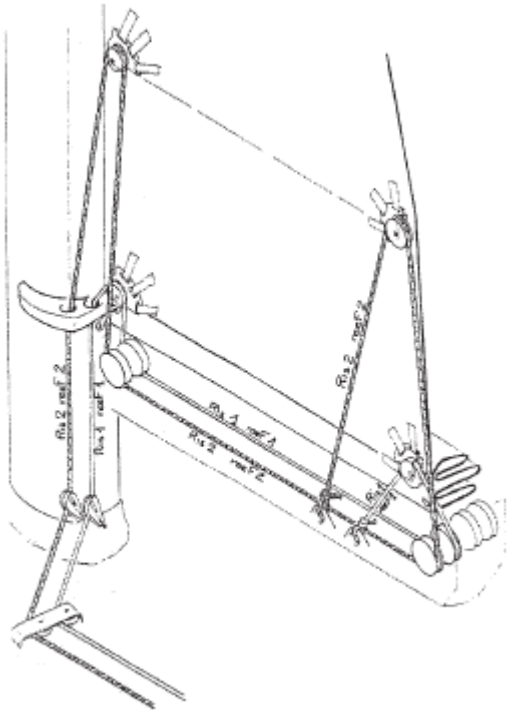


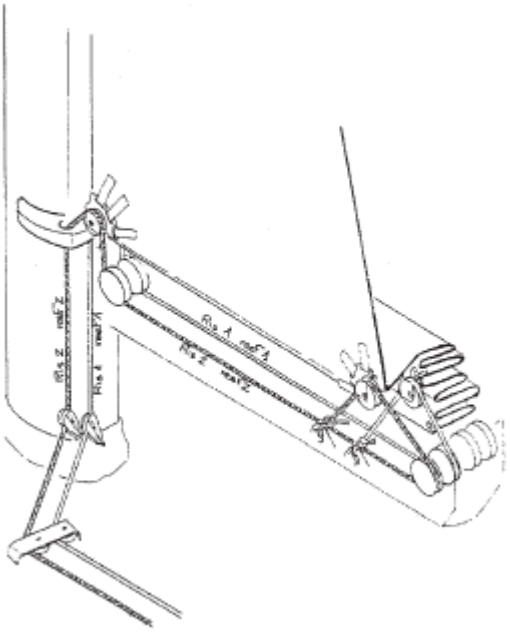
Continuous Line Reefing System

Z Spars continuous line reefing system is available on all our booms.

Please ask for details







Conditions of Sale

1. All goods sold by Z Spars UK (hereinafter called the “Company”) are sold subject to these conditions.
2. All references to the Company apply to its authorised agents.
3. Quotations and Prices
    a. All quotations of price (whether written or oral) are subject to withdrawal or amendment by the Company at any time prior to receipt by the Company of an order and thereafter are subject to correction of errors at any time
    b. If the Company has not received an order within 30 days of the date of quotation, the quotation shall be deemed to have lapsed.
4. Payment
    a. Payment for goods under the contract shall be on or before the date of delivery of the goods.
5. Deposit
    a. One third of the value of goods is required as deposit when the order is placed.
6. Delivery
    a. The Company will endeavour to deliver the goods without delay, but this depends upon availability of materials and the customer providing details of their requirements in writing and in good time.
    b. The Company will endeavour to comply with reasonable delivery instructions but any specified time of delivery shall not be the essence of the contract and the Company shall not be liable for late delivery howsoever caused nor shall such failure to deliver be deemed to be a breach of any contract.
7. Liability
    a. Subject to the Unfair Contract Terms act 1977 and the requirement of reasonableness “therein, in the event of any claim against the Company in respect of the matter whatsoever the liability (if any) of the Company shall be limited to the replacement of goods sold by the Company in respect of when the liability (if any) arises only, and under no circumstances shall the Company be liable to the buyer or any other party for any consequential loss or damage whatsoever”.
    b. Defects in quality in any delivery should not be a ground for cancellation of the remainder of the order or contract.
    c. Any alteration by the buyer or agent shall vitiate the Company from any liability relating to defects in the goods quality.
8. Claims
    a. No claims shall be entertained by the Company unless received by the Company in writing
    b. Claims arising from damage or partial loss in transit must reach the Company within 30 days from the date of delivery.
    c. Claims for non-delivery must reach the Company within 10 days of the date of despatch.
    d. All other claims must reach the Company within 6 weeks of the date of despatch.
    e. Goods should be signed for “unexamined”
9. Suspension of Deliveries
    a. Every effort will be made to carry out the contract but its due performance is subject to cancellation by the Company and to such variations as the Company may find necessary as a result of inability to secure labour, materials, or supplies as a result of any act of God, war, strike, lock-out and other labour disputes, fire, flood, drought, legislations or other cause (whether of the foregoing class or not) beyond the Companies control.
    b. The Company shall be under no liability for failures, variations and delays attributable to the causes beyond its control.
10. Reservation of Title
    a. Title to any goods supplied by the Company shall not pass to the buyer until all payments due in respect of the goods are paid in full.
11. Indemnity
    a. The buyer shall indemnify the Company against all damages, penalties, costs and expenses to which the same may become liable as a result of work done in accordance with the buyer’s specification which involves an infringement of any letters patent or registered design.