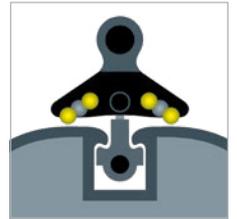




Captive ball bearings



Use existing mast luff groove



Quick release batten car models



Flexible solutions



Ball joint articulation

# BALLSLIDE™ BATTEN CAR SYSTEMS

## QUICK, EASY AND RELIABLE

Ronstan's Ballslide™ system makes raising and lowering the mainsail quick and easy. Recirculating captive ball bearings ensure free running performance, and since the cars use the existing luff groove of the mast there is no need to install a track.

### Compatibility

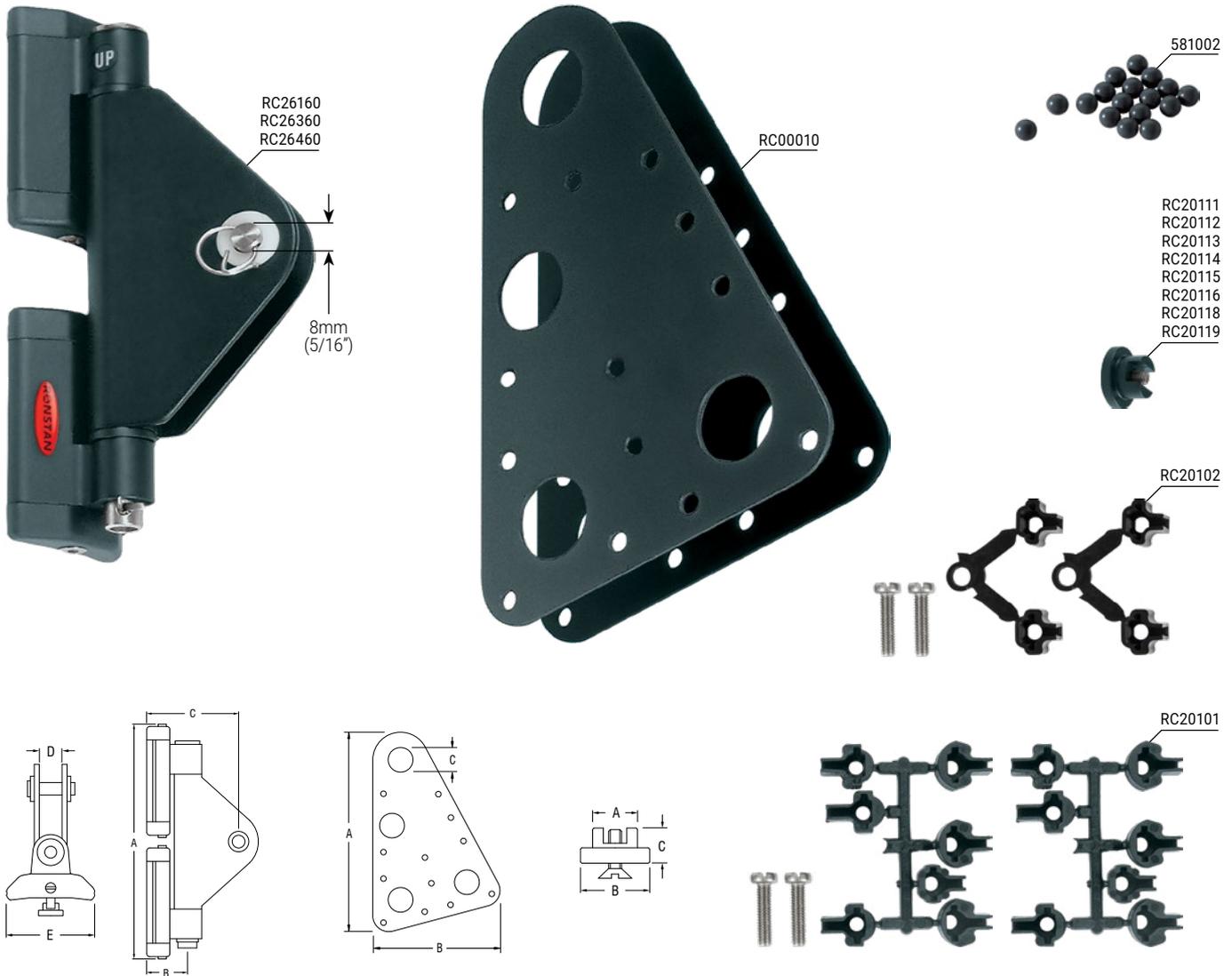
With a complete range of car profiles and feet there is a Ballslide™ solution for most available mast profiles and luff groove shapes on boats up to 18m (60ft). See page 144 for car and feet details. Selection tables and specification sheets can be downloaded at [www.ronstan.com](http://www.ronstan.com).

### Performance

**BB** Ballslide™ cars run on twin races of recirculating ball bearings specifically designed and oriented for compression loads. Hoisting and dropping the mainsail has never been easier! Ball joint links for batten receptacles and quick release pins for intermediate cars are configured to minimise the distance from mast to mainsail luff.

### Convenience

Ballslide™ cars are easily loaded, and just as easily removed from the luff groove of the mast. Larger boats using the Series 8 system may opt for cars with quick release ball joints for the batten receptacles to facilitate initial setup or removal of larger mainsails.



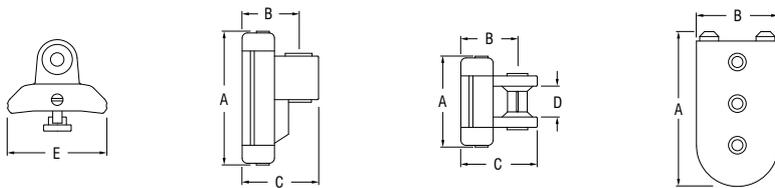
☑ Refer to page 144 and the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for additional details regarding cars and feet installation information.

☑ Refer to the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for assistance in specifying system requirements and schematic diagrams.

PRODUCT No.	DESCRIPTION	A	B	C	D	E	WEIGHT	A	B	C	D	E	WEIGHT
		mm	mm	mm	mm	mm	g	in	in	in	in	in	oz
<b>Series 6 <sup>BB</sup></b>													
RC00010	Headboard plates (pair)	188.0	119	23.0	-	-	173	7 13/32	4 11/16	29/32	-	-	6.1
RC20101	Replacement Ballslide™ feet kit, suits RC261xx cars, includes one pair of each size narrow feet N1-N7	-	-	-	-	-	1	-	-	-	-	-	0.1
RC20102	Replacement Ballslide™ feet kit, suits RC263xx cars, includes one pair of each size narrow feet N8 & N9	-	-	-	-	-	1	-	-	-	-	-	0.1
RC20111	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	13.0	20	10.3	-	-	14	1/2	25/32	13/32	-	-	0.5
RC20112	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	13.7	20	11.4	-	-	14	17/32	25/32	7/16	-	-	0.5
RC20113	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	13.7	20	11.0	-	-	14	17/32	25/32	7/16	-	-	0.5
RC20114	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	13.7	20	11.5	-	-	14	17/32	25/32	7/16	-	-	0.5
RC20115	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	12.8	20	10.5	-	-	14	1/2	25/32	13/32	-	-	0.5
RC20116	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	8.8	16	6.6	-	-	6	11/32	5/8	1/4	-	-	0.2
RC20118	Ballslide™ wide feet (pair), with s/s screws & washers, suits RC264xx cars	8.8	16	7.6	-	-	6	11/32	5/8	5/16	-	-	0.2
RC20119	Ballslide™ feet (pair), with s/s screws & washers, suits RC264xx cars	9.8	20	9.9	-	-	10	3/8	25/32	3/8	-	-	0.3
RC26160	Headboard car, incl. RC20101 narrow feet set	160.0	23	62.0	12	41	280	6 5/16	29/32	2 7/16	15/32	1 5/8	9.9
RC26360	Headboard car, incl. RC20102 narrow feet set	160.0	23	62.0	12	41	280	6 5/16	29/32	2 7/16	15/32	1 5/8	9.9
RC26460	Headboard car, suits wide feet (not included)	160.0	23	62.0	12	41	280	6 5/16	29/32	2 7/16	15/32	1 5/8	9.9
<b>Spare Parts</b>													
581002	Ball bearing, acetal, 6.35mm (1/4") diameter	-	-	-	-	-	1	-	-	-	-	-	0.1



© Armare



☑ Refer to page 144 and the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for additional details regarding cars and feet.

☑ Refer to the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for assistance in specifying system requirements and schematic diagrams.

- ☑ Monohulls to 12m (40ft) or sail area 38m<sup>2</sup> (409ft<sup>2</sup>).
- ☑ Multihulls to 9m (30ft) or sail area 30m<sup>2</sup> (323ft<sup>2</sup>).

PRODUCT No.	DESCRIPTION	A	B	C	D	E	WEIGHT	A	B	C	D	E	WEIGHT
		mm	mm	mm	mm	mm	g	in	in	in	in	in	oz
<b>Series 6</b>													
RC26163	Intermediate car, incl. RC20101 narrow feet set	55	23	31	18	41	50	2 5/32	29/32	1 7/32	23/32	1 5/8	1.8
RC26166	Batten car, incl. RC20101 narrow feet set	68	23	31	-	41	65	2 11/16	29/32	1 7/32	-	1 5/8	2.3
RC26181	End stop, plastic	68	33	-	-	-	11	2 11/16	1 5/16	-	-	-	0.4
RC26363	Intermediate car, incl. RC20102 narrow feet set	55	23	31	18	41	50	2 5/32	29/32	1 7/32	23/32	1 5/8	1.8
RC26366	Batten car, incl. RC20102 narrow feet set	68	23	31	-	41	65	2 11/16	29/32	1 7/32	-	1 5/8	2.3
RC26463	Intermediate car, suits wide feet (not included)	55	23	31	18	41	50	2 5/32	29/32	1 7/32	23/32	1 5/8	1.8
RC26466	Batten car, suits wide feet (not included)	68	23	31	-	41	65	2 11/16	29/32	1 7/32	-	1 5/8	2.3
<b>Spare Parts</b>													
601372	Replacement pin for RC26163, RC26363, RC26463	-	-	-	-	-	5	-	-	-	-	-	0.2
RC00021	Replacement bush for RC26163, RC26363, RC26463	-	-	-	-	-	1	-	-	-	-	-	0.1



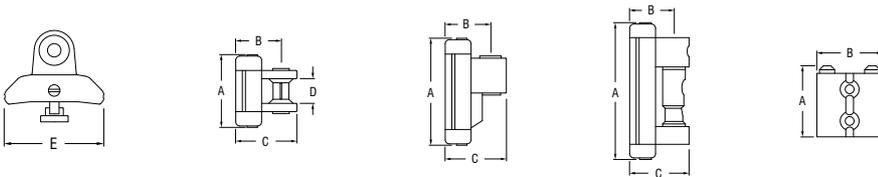
- ☑ Refer to page 144 and the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for additional details regarding cars and feet.
- 📄 Refer to the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for assistance in specifying system requirements and schematic diagrams.

PRODUCT No.	DESCRIPTION	A mm	B mm	C mm	D mm	E mm	WEIGHT g	A in	B in	C in	D in	E in	WEIGHT oz
<b>Series 8 <sup>BB</sup></b>													
RC00010	Headboard plates (pair)	188	119	23	-	-	173	7 13/32	4 11/16	29/32	-	-	6.1
RC20101	Replacement Ballslide™ feet kit, suits RC281xx cars, includes one pair of each size narrow feet N1-N7	-	-	-	-	-	1	-	-	-	-	-	0.1
RC20130	Ballslide™ wide feet (pair), suits RC284xx cars	13.3	24.0	11.4	-	-	22	17/32	15/16	7/16	-	-	0.8
RC20131	Ballslide™ wide feet (pair), suits RC284xx cars	11.6	23.0	11.8	-	-	20	15/32	29/32	15/32	-	-	0.7
RC20135	Ballslide™ wide feet (pair), suits RC284xx cars	12.5	24.0	10.5	-	-	22	1/2	15/16	13/32	-	-	0.8
RC28160	Headboard car, incl. RC20101 narrow feet set	214	30	75	16.5	51	520	8 7/16	1 3/16	2 15/16	2 1/32	2	18.3
RC28161	Headboard car, incl. RC20101 narrow feet set	290	30	75	16.5	51	750	11 7/16	1 3/16	2 15/16	2 1/32	2	26.5
RC28460	Headboard car, suits wide feet (not included)	214	30	75	16.5	51	520	8 7/16	1 3/16	2 15/16	2 1/32	2	18.3
RC28461	Headboard car, suits wide feet (not included)	290	30	75	16.5	51	750	11 7/16	1 3/16	2 15/16	2 1/32	2	26.5
<b>Spare Parts</b>													
581004	Ball bearing, acetal, 8.00mm (0.315") diameter	-	-	-	-	-	1	-	-	-	-	-	0.1



See page 167  
for full details  
of batten links  
& receptacles

See page 167  
for full details  
of batten links  
& receptacles



☑ Refer to page 144 and the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for additional details regarding cars and feet.

⚠ Refer to the SUPPORT tab at [www.ronstan.com](http://www.ronstan.com) for assistance in specifying system requirements and schematic diagrams.

⚠ Long cars: Monohulls to 18m (60ft) or sail area 60m<sup>2</sup> (646ft<sup>2</sup>).

⚠ Long cars: Multihulls to 13m (43ft) or sail area 48m<sup>2</sup> (517ft<sup>2</sup>).

⚠ Short cars: Monohulls to 16m (53ft) or sail area 53m<sup>2</sup> (570ft<sup>2</sup>).

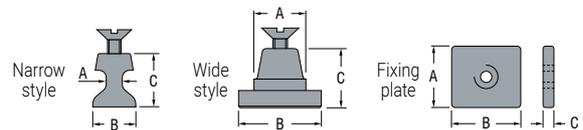
⚠ Short cars: Multihulls to 11m (36ft) or sail area 42m<sup>2</sup> (452ft<sup>2</sup>).

PRODUCT No.	DESCRIPTION	A	B	C	D	E	WEIGHT	A	B	C	D	E	WEIGHT
		mm	mm	mm	mm	mm	g	in	in	in	in	in	oz
<b>Series 8</b>													
RC28163	Intermediate car, incl. RC20101 narrow feet set	76.0	30.0	37.0	18	51	115	3	1 3/16	1 15/32	23/32	2	4.1
RC28166	Batten car, incl. RC20101 narrow feet set	92.0	30.0	37.0	-	51	140	3 5/8	1 3/16	1 15/32	-	2	4.9
RC28169	Quick release batten car, incl. RC20101 narrow feet set	105.0	30.0	37.0	-	51	220	4 1/8	1 3/16	1 15/32	-	2	7.8
RC28181	End stop	54.0	45.0	-	-	-	35	2 1/8	1 25/32	-	-	-	1.2
RC28463	Intermediate car, suits wide feet (not included)	76.0	30.0	37.0	18	51	115	3	1 3/16	1 15/32	23/32	2	4.1
RC28466	Batten car, suits wide feet (not included)	92.0	30.0	37.0	-	51	140	3 5/8	1 3/16	1 15/32	-	2	4.9
RC28469	Quick release batten car, suits wide feet (not included)	105.0	30.0	37.0	-	51	220	4 1/8	1 3/16	1 15/32	-	2	7.8
<b>Spare Parts</b>													
601372	Replacement pin for RC28163, RC28463	-	-	-	-	-	5	-	-	-	-	-	0.2
RC00021	Replacement bush for RC28163, RC28463	-	-	-	-	-	1	-	-	-	-	-	0.1

**BALLSLIDE™ SYSTEM  
CAR/FOOT IDENTIFICATION & REPLACEMENT PARTS**

	NARROW FOOT CARS		WIDE FOOT CARS																																																																
	<p>Foot identification number</p> <p>Series 6 - 41mm (1 5/8") wide Series 8 - 51mm (2") wide</p>		<p>Series 6 - 41mm (1 5/8") wide Series 8 - 51mm (2") wide</p>																																																																
<b>SERIES 6</b>	<b>RC261XX</b> Includes 2 x foot sets (N1 to N7), and 2 x screws.	<b>RC263XX</b> Includes 2 x foot sets (N8 & N9), and 2 x screws.	<b>RC264XX</b> Feet not included. Order separately, 1 pair required per car - see below.																																																																
<b>REPLACEMENT FOOT SET</b>	<p><b>RC20101</b> Includes 2 x foot sets, and 2 x screws.</p>	<p><b>RC20102</b> Includes 2 x foot sets, and 2 x screws.</p>	Order separately. Includes washer & screw. <table border="1"> <thead> <tr> <th>Foot PRODUCT No.</th> <th>A mm</th> <th>B mm</th> <th>C mm</th> <th>A in</th> <th>B in</th> <th>C in</th> </tr> </thead> <tbody> <tr><td>RC20111</td><td>13.0</td><td>20.0</td><td>10.4</td><td>1/2</td><td>25/32</td><td>13/32</td></tr> <tr><td>RC20112</td><td>13.7</td><td>20.0</td><td>11.4</td><td>17/32</td><td>25/32</td><td>7/16</td></tr> <tr><td>RC20113</td><td>13.7</td><td>20.0</td><td>11.0</td><td>17/32</td><td>25/32</td><td>7/16</td></tr> <tr><td>RC20114</td><td>13.7</td><td>20.0</td><td>11.5</td><td>17/32</td><td>25/32</td><td>7/16</td></tr> <tr><td>RC20115</td><td>12.8</td><td>20.0</td><td>10.5</td><td>1/2</td><td>25/32</td><td>13/32</td></tr> <tr><td>RC20116</td><td>8.8</td><td>16.0</td><td>6.6</td><td>11/32</td><td>5/8</td><td>1/4</td></tr> <tr><td>RC20118</td><td>8.8</td><td>16.0</td><td>7.6</td><td>11/32</td><td>5/8</td><td>5/16</td></tr> <tr><td>RC20119</td><td>9.8</td><td>20.0</td><td>10.0</td><td>12/32</td><td>25/32</td><td>13/32</td></tr> </tbody> </table>		Foot PRODUCT No.	A mm	B mm	C mm	A in	B in	C in	RC20111	13.0	20.0	10.4	1/2	25/32	13/32	RC20112	13.7	20.0	11.4	17/32	25/32	7/16	RC20113	13.7	20.0	11.0	17/32	25/32	7/16	RC20114	13.7	20.0	11.5	17/32	25/32	7/16	RC20115	12.8	20.0	10.5	1/2	25/32	13/32	RC20116	8.8	16.0	6.6	11/32	5/8	1/4	RC20118	8.8	16.0	7.6	11/32	5/8	5/16	RC20119	9.8	20.0	10.0	12/32	25/32	13/32
Foot PRODUCT No.	A mm	B mm	C mm	A in	B in	C in																																																													
RC20111	13.0	20.0	10.4	1/2	25/32	13/32																																																													
RC20112	13.7	20.0	11.4	17/32	25/32	7/16																																																													
RC20113	13.7	20.0	11.0	17/32	25/32	7/16																																																													
RC20114	13.7	20.0	11.5	17/32	25/32	7/16																																																													
RC20115	12.8	20.0	10.5	1/2	25/32	13/32																																																													
RC20116	8.8	16.0	6.6	11/32	5/8	1/4																																																													
RC20118	8.8	16.0	7.6	11/32	5/8	5/16																																																													
RC20119	9.8	20.0	10.0	12/32	25/32	13/32																																																													
<b>REPLACEMENT BALL</b>	<b>581002</b> 6.35mm (1/4") diameter	<b>581002</b> 6.35mm (0.25in) diameter	<b>581002</b> 6.35mm (0.25in) diameter																																																																
<b>SERIES 8</b>	<b>RC281XX</b> Includes 2 x foot sets (N1 to N7), and 2 x screws.		<b>RC284XX</b> Feet not included. Order separately, 1 pair required per car - see below.																																																																
<b>REPLACEMENT FOOT SET</b>	<p><b>RC20101</b> Includes 2 x foot sets, and 2 x screws.</p>		Order separately. Includes washer & screw. <table border="1"> <thead> <tr> <th>Foot PRODUCT No.</th> <th>A mm</th> <th>B mm</th> <th>C mm</th> <th>A in</th> <th>B in</th> <th>C in</th> </tr> </thead> <tbody> <tr><td>RC20130</td><td>13.3</td><td>24.0</td><td>11.4</td><td>17/32</td><td>15/16</td><td>7/16</td></tr> <tr><td>RC20131</td><td>11.6</td><td>23.0</td><td>11.8</td><td>15/32</td><td>29/32</td><td>15/32</td></tr> <tr><td>RC20135</td><td>12.5</td><td>24.0</td><td>10.5</td><td>1/2</td><td>15/16</td><td>13/32</td></tr> </tbody> </table>		Foot PRODUCT No.	A mm	B mm	C mm	A in	B in	C in	RC20130	13.3	24.0	11.4	17/32	15/16	7/16	RC20131	11.6	23.0	11.8	15/32	29/32	15/32	RC20135	12.5	24.0	10.5	1/2	15/16	13/32																																			
Foot PRODUCT No.	A mm	B mm	C mm	A in	B in	C in																																																													
RC20130	13.3	24.0	11.4	17/32	15/16	7/16																																																													
RC20131	11.6	23.0	11.8	15/32	29/32	15/32																																																													
RC20135	12.5	24.0	10.5	1/2	15/16	13/32																																																													
<b>REPLACEMENT BALL</b>	<b>581004</b> 8.00mm (0.315in) diameter		<b>581004</b> 8.00mm (0.315in) diameter																																																																

**TRACK & CAR SYSTEM  
TRACK MOUNTING SLUGS & FIXING PLATES**



PRODUCT No.	BATTEN TRACK SUITED	STYLE	FASTENING	A mm	B mm	C mm	A in	B in	C in
RC00310*	Series 19	Narrow	M5 countersunk (included)	3.7	9.4	13.5	5/32	3/8	17/32
RC00312	Series 19	Narrow	M5 countersunk (included)	2.8	7.6	12.6	1/8	5/16	1/2
RC00315*	Series 19	Narrow	M5 countersunk (included)	4.6	12.7	16.0	3/16	1/2	5/8
RC00316	Series 19	Narrow	M5 countersunk (included)	3.6	11.0	15.0	5/32	7/16	19/32
RC00321	Series 19	Wide	M5 countersunk (included)	11.8	19.9	13.0	15/32	25/32	1/2
RC00322	Series 19	Wide	M5 countersunk (included)	13.5	21.0	13.0	15/32	27/32	1/2
RC00323	Series 19	Wide	M5 countersunk (included)	8.1	15.0	13.5	5/16	19/32	17/32
RC00370*	Series 19	Fixing plate	M5 countersunk (not included)	25.0	20.0	5.0	1	25/32	3/16
RC00332	Series 22, 26	Narrow	M6 countersunk (included)	3.5	8.3	16.1	1/8	5/16	5/8
RC00333*	Series 22, 26	Narrow	M6 countersunk (included)	4.6	13.0	18.0	3/16	1/2	23/32
RC00341	Series 22, 26	Wide	M6 countersunk (included)	13.6	21.0	15.5	17/32	27/32	5/8
RC00343	Series 22, 26	Wide	M6 countersunk (included)	11.8	19.8	15.5	15/32	25/32	5/8
RC00380*	Series 22, 26	Fixing plate	M6 countersunk (not included)	25.0	20.0	5.0	1	3/4	3/16
RC00360*	Series 30	Wide	M8 countersunk (included)	12.6	22.9	18.0	1/2	29/32	23/32

\* Most commonly used