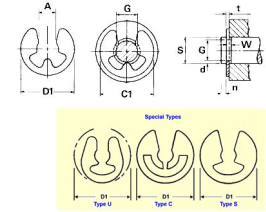




# MBA

## E-Clips - Basic



Basic imperial and metric e-clips DIN6799 and N1500.

Not all e-clips are exactly the same style, however all follow the basic principal of a push on clip.

### E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-00.660-01.016-BC	0.660 <i>0.026</i>	0.900 to 1.300	0.254 <i>0.010</i>	2.007 <i>0.079</i>	1.750 <i>0.069</i>	0.635 <i>0.025</i>	0.305 <i>0.012</i>		Beryllium Copper	
ECL-00.800-01.200-BC	0.800 <i>0.031</i>	1.000 to 1.400	0.200 <i>0.008</i>	2.300 <i>0.091</i>	2.000 <i>0.079</i>	0.580 <i>0.023</i>	0.240 <i>0.009</i>		Beryllium Copper	
ECL-01.200-01.700-CS	1.200 <i>0.047</i>	1.400 to 2.000	0.300 <i>0.012</i>	3.250 <i>0.128</i>	2.900 <i>0.114</i>	1.010 <i>0.040</i>	0.340 <i>0.013</i>	0.600 <i>0.024</i>	SAE1065-1090 Carbon Spring Steel	

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-01.321-01.575A-CS	1.321	1.575 to 3.175	0.254	4.191	3.962	1.295	0.305		SAE1065-1090 Carbon Spring Steel	
	<i>0.052</i>		<i>0.010</i>	<i>0.165</i>	<i>0.156</i>	<i>0.051</i>	<i>0.012</i>			
# ECL-01.321-01.575A-PH15-7	1.321	1.575 to 3.175	0.254	4.191	3.962	1.295	0.305		PH15-7 Mo Stainless Steel	
	<i>0.052</i>		<i>0.010</i>	<i>0.165</i>	<i>0.156</i>	<i>0.051</i>	<i>0.012</i>			
ECL-01.321-01.575B-CS	1.321	1.575 to 2.375	0.254	3.881	3.556	1.295	0.305		SAE1065-1090 Carbon Spring Steel	
	<i>0.052</i>		<i>0.010</i>	<i>0.153</i>	<i>0.140</i>	<i>0.051</i>	<i>0.012</i>			
# ECL-01.321-01.575D-CS	1.321	1.575 to 3.175	0.381	4.191	3.962		0.483		SAE1065-1090 Carbon Spring Steel	
	<i>0.052</i>		<i>0.015</i>	<i>0.165</i>	<i>0.156</i>		<i>0.019</i>			
ECL-01.321-01.575C-PH15-7	1.321	1.575 to 3.175	0.508	5.080	4.750		0.584		PH15-7 Mo Stainless Steel	
	<i>0.052</i>		<i>0.020</i>	<i>0.200</i>	<i>0.187</i>		<i>0.023</i>			
# ECL-01.321-01.575C-CS	1.321	1.575 to 3.175	0.508	5.080	4.750		0.584		SAE1065-1090 Carbon Spring Steel	
	<i>0.052</i>		<i>0.020</i>	<i>0.200</i>	<i>0.187</i>		<i>0.023</i>			
# ECL-01.321-01.981-CS	1.321	1.981 to 4.500	0.381	6.731	6.350		0.432		Carbon Spring Steel - Phosphate and oil finish	Special Type S
	<i>0.052</i>		<i>0.015</i>	<i>0.265</i>	<i>0.250</i>		<i>0.017</i>			

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-01.500-02.250-CS	1.500	2.000 to 2.500	0.400	4.250	3.850	1.280	0.440	0.800	SAE1065-1090 Carbon Spring Steel	
	<i>0.059</i>		<i>0.016</i>	<i>0.167</i>	<i>0.152</i>	<i>0.050</i>	<i>0.017</i>	<i>0.031</i>		
# ECL-01.575-01.981-CS	1.575	1.981 to 4.500	0.635	7.747	7.493		0.711		Carbon Spring Steel - Phosphate and oil finish	Special Type S
	<i>0.062</i>		<i>0.025</i>	<i>0.305</i>	<i>0.295</i>		<i>0.028</i>			
ECL-01.880-02.388A-CS	1.880	2.388 to 3.175	0.381	5.080	4.750	1.854	0.457		SAE1065-1090 Carbon Spring Steel	
	<i>0.074</i>		<i>0.015</i>	<i>0.200</i>	<i>0.187</i>	<i>0.073</i>	<i>0.018</i>			
ECL-01.880-02.388B-CS	1.880	2.388 to 4.762	0.381	6.223	5.842	1.753	0.457		SAE1065-1090 Carbon Spring Steel	
	<i>0.074</i>		<i>0.015</i>	<i>0.245</i>	<i>0.230</i>	<i>0.069</i>	<i>0.018</i>			
# ECL-01.880-02.388D-CS	1.880	2.388 to 3.175	0.381	5.563	5.232		0.457		Carbon Spring Steel - Phosphate and oil finish	
	<i>0.074</i>		<i>0.015</i>	<i>0.219</i>	<i>0.206</i>		<i>0.018</i>			
ECL-01.880-02.388A-PH15-7	1.880	2.388 to 3.175	0.381	5.080	4.750		0.508		PH15-7 Mo Stainless Steel	
	<i>0.074</i>		<i>0.015</i>	<i>0.200</i>	<i>0.187</i>		<i>0.020</i>			
# ECL-01.880-02.388C-CS	1.880	2.388 to 3.175	0.508	5.080	4.750		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.074</i>		<i>0.020</i>	<i>0.200</i>	<i>0.187</i>		<i>0.024</i>			

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-01.900-02.750-CS	1.900	2.500 to 3.000	0.500	4.800	4.400	1.610	0.540	1.000	SAE1065-1090 Carbon Spring Steel	
	<i>0.075</i>		<i>0.020</i>	<i>0.189</i>	<i>0.173</i>	<i>0.063</i>	<i>0.021</i>	<i>0.039</i>		
# ECL-01.981-02.794-CS	1.981	2.794 to 9.525	0.508	10.922	10.820		0.584		Carbon Spring Steel - Phosphate and oil finish	Special Type U
	<i>0.078</i>		<i>0.020</i>	<i>0.430</i>	<i>0.426</i>		<i>0.023</i>			
ECL-02.007-02.794A-CS	2.007	2.794 to 7.938	0.381	9.525	9.000	1.930	4.572		SAE1065-1090 Carbon Spring Steel	
	<i>0.079</i>		<i>0.015</i>	<i>0.375</i>	<i>0.354</i>	<i>0.076</i>	<i>0.180</i>			
# ECL-02.007-02.794B-CS	2.007	2.794 to 7.938	0.508	9.906	9.525		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.079</i>		<i>0.020</i>	<i>0.390</i>	<i>0.375</i>		<i>0.024</i>			
ECL-02.184-02.794-Z	2.184	2.794 to 6.350	0.559	7.544	7.163		0.635		Carbon Spring Steel - Zinc Plated	Special Type C
	<i>0.086</i>		<i>0.022</i>	<i>0.297</i>	<i>0.282</i>		<i>0.025</i>			
ECL-02.300-03.500-CS	2.300	3.000 to 4.000	0.600	7.300	5.900	1.940	0.640	1.000	Carbon Spring Steel	
	<i>0.091</i>		<i>0.024</i>	<i>0.287</i>	<i>0.232</i>	<i>0.076</i>	<i>0.025</i>	<i>0.039</i>		
# ECL-02.311-03.175-CS	2.311	3.175 to 6.350	0.559	7.391	7.137		0.635		Carbon Spring Steel - Phosphate and oil finish	Special Type S
	<i>0.091</i>		<i>0.022</i>	<i>0.291</i>	<i>0.281</i>		<i>0.025</i>			

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-02.413-03.175A-CS	2.413 <i>0.095</i>	3.175 to 4.763	0.381 <i>0.015</i>	6.096 <i>0.240</i>	5.842 <i>0.230</i>		0.457 <i>0.018</i>	1.000 <i>0.039</i>	Carbon Spring Steel	
ECL-02.413-03.175A-PH15-7	2.413 <i>0.095</i>	3.175 to 4.763	0.381 <i>0.015</i>	6.096 <i>0.240</i>	5.842 <i>0.230</i>		0.508 <i>0.020</i>		PH15-7 Mo Stainless Steel	
# ECL-02.413-03.175D-CS	2.413 <i>0.095</i>	3.175 to 4.762	0.381 <i>0.015</i>	7.188 <i>0.283</i>	6.858 <i>0.270</i>		0.457 <i>0.018</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-02.413-03.175E-CS	2.413 <i>0.095</i>	3.175 to 7.938	0.508 <i>0.020</i>	9.652 <i>0.380</i>	9.500 <i>0.374</i>		0.584 <i>0.023</i>		Carbon Spring Steel - Phosphate and oil finish	Special Type U
# ECL-02.413-03.175B-CS	2.413 <i>0.095</i>	3.175 to 4.763	0.508 <i>0.020</i>	6.096 <i>0.240</i>	5.842 <i>0.230</i>		0.610 <i>0.024</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-02.413-03.175C-CS	2.413 <i>0.095</i>	3.175 to 4.763	0.635 <i>0.025</i>	6.096 <i>0.240</i>	5.842 <i>0.230</i>		0.737 <i>0.029</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-02.591-03.175-CS	2.591 <i>0.102</i>	3.175 to 7.938	0.381 <i>0.015</i>	9.931 <i>0.391</i>	9.550 <i>0.376</i>		0.432 <i>0.017</i>		Carbon Spring Steel - Phosphate and oil finish	Special Type S

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Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-02.591-03.556A-CS	2.591	3.556 to 3.175	0.381	5.156	4.850	2.540	4.572		SAE1065-1090 Carbon Spring Steel	
	<i>0.102</i>		<i>0.015</i>	<i>0.203</i>	<i>0.191</i>	<i>0.100</i>	<i>0.180</i>			
# ECL-02.591-03.556B-CS	2.591	3.556 to 3.175	0.508	5.461	5.156		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.102</i>		<i>0.020</i>	<i>0.215</i>	<i>0.203</i>		<i>0.024</i>			
# ECL-02.667-03.556-CS	2.667	3.556 to 4.762	0.635	7.239	6.858	2.591	0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.105</i>		<i>0.025</i>	<i>0.285</i>	<i>0.270</i>	<i>0.102</i>	<i>0.029</i>			
ECL-02.794-03.556-CS	2.794	3.556 to 4.762	0.381	6.731	6.350		0.457	1.000	Carbon Spring Steel	
	<i>0.110</i>		<i>0.015</i>	<i>0.265</i>	<i>0.250</i>		<i>0.018</i>	<i>0.039</i>		
ECL-02.845-03.556-CS	2.845	3.556 to 4.762	0.381	6.350	5.950	2.769	0.457		SAE1065-1090 Carbon Spring Steel	
	<i>0.112</i>		<i>0.015</i>	<i>0.250</i>	<i>0.234</i>	<i>0.109</i>	<i>0.018</i>			
ECL-02.946-03.962A-Z	2.946	3.962 to 6.350	0.635	7.493	7.163	2.896	0.737	1.000	Carbon Spring Steel/Zinc Plate	
	<i>0.116</i>		<i>0.025</i>	<i>0.295</i>	<i>0.282</i>	<i>0.114</i>	<i>0.029</i>	<i>0.039</i>		
# ECL-02.946-03.962C-CS	2.946	3.962 to 6.350	0.508	7.493	7.163		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.116</i>		<i>0.020</i>	<i>0.295</i>	<i>0.282</i>		<i>0.024</i>			

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Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
# ECL-02.946-03.962B-CS	2.946	3.962 to 6.350	0.635	8.890	8.509		0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.116</i>		<i>0.025</i>	<i>0.350</i>	<i>0.335</i>		<i>0.029</i>			
ECL-02.946-03.962A-CS	2.946	3.962 to 6.350	0.635	7.493	7.163	2.896	0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.116</i>		<i>0.025</i>	<i>0.295</i>	<i>0.282</i>	<i>0.114</i>	<i>0.029</i>			
ECL-02.946-03.962A-PH15-7	2.946	3.962 to 6.350	0.635	7.493	7.163	2.896	0.737		PH15-7 Mo Stainless Steel	
	<i>0.116</i>		<i>0.025</i>	<i>0.295</i>	<i>0.282</i>	<i>0.114</i>	<i>0.029</i>			
# ECL-03.048-03.962B-CS	3.048	3.962 to 6.350	0.610	8.534	8.128		0.686		Carbon Spring Steel - Phosphate and oil finish	Special Type S
	<i>0.120</i>		<i>0.024</i>	<i>0.336</i>	<i>0.320</i>		<i>0.027</i>			
# ECL-03.048-03.962A-CS	3.048	3.962 to 6.350	0.610	8.534	8.128		0.686		Carbon Spring Steel - Phosphate and oil finish	Special Type C
	<i>0.120</i>		<i>0.024</i>	<i>0.336</i>	<i>0.320</i>		<i>0.027</i>			
# ECL-03.150-03.962-CS	3.150	3.962 to 7.938	0.381	10.719	10.312		0.432		Carbon Spring Steel - Phosphate and oil finish	Special Type C
	<i>0.124</i>		<i>0.015</i>	<i>0.422</i>	<i>0.406</i>		<i>0.017</i>			

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Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
# ECL-03.175-04.369-CS	3.175	4.369 to 9.525	0.508	12.954	12.700		0.584		Carbon Spring Steel - Phosphate and oil finish	Special Type U
	<i>0.125</i>		<i>0.020</i>	<i>0.510</i>	<i>0.500</i>		<i>0.023</i>			
# ECL-03.175-04.775B-CS	3.175	4.775 to 6.350	0.381	8.382	7.874		0.483		SAE1065-1090 Carbon Spring Steel	
	<i>0.125</i>		<i>0.015</i>	<i>0.330</i>	<i>0.310</i>		<i>0.019</i>			
# ECL-03.175-04.775C-CS	3.175	4.775 to 7.938	0.381	10.033	9.525		0.483		SAE1065-1090 Carbon Spring Steel	
	<i>0.125</i>		<i>0.015</i>	<i>0.395</i>	<i>0.375</i>		<i>0.019</i>			
# ECL-03.175-04.775D-CS	3.175	4.775 to 6.350	0.508	8.382	7.874		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.125</i>		<i>0.020</i>	<i>0.330</i>	<i>0.310</i>		<i>0.024</i>			
# ECL-03.175-04.775E-CS	3.175	4.775 to 7.938	0.508	10.033	9.525		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.125</i>		<i>0.020</i>	<i>0.395</i>	<i>0.375</i>		<i>0.024</i>			
ECL-03.175-04.775A-CS	3.175	4.775 to 7.938	0.635	9.525	9.000	3.099	0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.125</i>		<i>0.025</i>	<i>0.375</i>	<i>0.354</i>	<i>0.122</i>	<i>0.029</i>			
ECL-03.200-04.000-CS	3.200	4.000 to 5.000	0.600	7.300	6.800	2.700	0.640		SAE1065-1090 Carbon Spring Steel	
	<i>0.126</i>		<i>0.024</i>	<i>0.287</i>	<i>0.268</i>	<i>0.106</i>	<i>0.025</i>			

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Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
# ECL-03.200-04.775-CS	3.200	4.775 to 6.350	0.610	9.271	8.890		0.686		Carbon Spring Steel - Phosphate and oil finish	Special Type S
	<i>0.126</i>		<i>0.024</i>	<i>0.365</i>	<i>0.350</i>		<i>0.027</i>			
# ECL-03.226-04.369-CS	3.226	4.369 to 6.350	0.635	7.925	7.650	3.175	0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.127</i>		<i>0.025</i>	<i>0.312</i>	<i>0.301</i>	<i>0.125</i>	<i>0.029</i>			
# ECL-03.734-04.775C-CS	3.734	4.775 to 6.350	0.508	8.890	8.509		0.610		SAE1065-1090 Carbon Spring Steel	
	<i>0.147</i>		<i>0.020</i>	<i>0.350</i>	<i>0.335</i>		<i>0.024</i>			
# ECL-03.734-04.775A-CS	3.734	4.775 to 6.350	0.635	8.890	8.509	3.683	0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.147</i>		<i>0.025</i>	<i>0.350</i>	<i>0.335</i>	<i>0.145</i>	<i>0.029</i>			
# ECL-03.734-04.775B-CS	3.734	4.775 to 7.938	0.635	9.906	9.525		0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.147</i>		<i>0.025</i>	<i>0.390</i>	<i>0.375</i>		<i>0.029</i>			
# ECL-03.734-04.775A-PH15-7	3.734	4.775 to 6.350	0.635	8.890	8.509		0.737		PH15-7 Mo Stainless Steel	
	<i>0.147</i>		<i>0.025</i>	<i>0.350</i>	<i>0.335</i>		<i>0.029</i>			
# ECL-03.734-04.775D-CS	3.734	4.775 to 6.350	0.813	8.890	8.509		0.940		SAE1065-1090 Carbon Spring Steel	
	<i>0.147</i>		<i>0.032</i>	<i>0.350</i>	<i>0.335</i>		<i>0.037</i>			

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
ECL-03.734-04.775A-Z	3.734	4.775 to 6.350	0.635	8.890	8.509		0.737	1.100	Carbon Spring Steel/Zinc Plate	
	<i>0.147</i>		<i>0.025</i>	<i>0.350</i>	<i>0.335</i>		<i>0.029</i>	<i>0.043</i>		
ECL-04.000-06.000-CS	4.000	5.000 to 7.000	0.700	9.300	8.800	3.340	0.740	1.200	SAE1065-1090 Carbon Spring Steel	
	<i>0.157</i>		<i>0.028</i>	<i>0.366</i>	<i>0.346</i>	<i>0.131</i>	<i>0.029</i>	<i>0.047</i>		
ECL-04.000-06.000-420	4.000	5.000 to 7.000	0.700	9.300	8.800	3.400	0.740	1.200	420 Stainless Steel	
	<i>0.157</i>		<i>0.028</i>	<i>0.366</i>	<i>0.346</i>	<i>0.134</i>	<i>0.029</i>	<i>0.047</i>		
ECL-04.000-06.000-Z	4.000	5.000 to 7.000	0.700	9.300	8.800	3.340	0.740	1.200	Zinc Plated Spring Steel	
	<i>0.157</i>		<i>0.028</i>	<i>0.366</i>	<i>0.346</i>	<i>0.131</i>	<i>0.029</i>	<i>0.047</i>		
# ECL-04.445-05.537-CS	4.445	5.537 to 9.525	0.381	13.132	12.700		0.432		Carbon Spring Steel - Phosphate and oil finish	Special Type C
	<i>0.175</i>		<i>0.015</i>	<i>0.517</i>	<i>0.500</i>		<i>0.017</i>			
# ECL-04.597-05.537-TYPC	4.597	5.537	0.635	11.354	10.922	-	0.787	-	Carbon Spring Steel	Type C
	<i>0.181</i>	<i>0.218</i>	<i>0.025</i>	<i>0.447</i>	<i>0.430</i>		<i>0.031</i>			
ECL-04.597-05.537-CS	4.597	5.537 to 9.525	0.711	11.354	10.922		0.787		Carbon Spring Steel - Phosphate and oil finish	Special Type C
	<i>0.181</i>		<i>0.028</i>	<i>0.447</i>	<i>0.430</i>		<i>0.031</i>			

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# ECL-04.750-05.537-CS	4.750	9.525 to 14.288	0.508	17.780	17.475		0.584		Carbon Spring Steel - Phosphate and oil finish	Special Type U
	<i>0.187</i>		<i>0.020</i>	<i>0.700</i>	<i>0.688</i>		<i>0.023</i>			
ECL-04.775-05.563A-Z	4.775	5.563 to 9.525	0.635	11.430	11.100		0.737	1.200	Carbon Spring Steel/Zinc Plate	
	<i>0.188</i>		<i>0.025</i>	<i>0.450</i>	<i>0.437</i>		<i>0.029</i>	<i>0.047</i>		
# ECL-04.775-05.563C-CS	4.775	5.563 to 9.525	0.762	11.430	11.100		0.864		SAE1065-1090 Carbon Spring Steel	
	<i>0.188</i>		<i>0.030</i>	<i>0.450</i>	<i>0.437</i>		<i>0.034</i>			
# ECL-04.775-05.563A-CS	4.775	5.563 to 9.525	0.635	11.430	11.100	4.699	7.366		SAE1065-1090 Carbon Spring Steel	
	<i>0.188</i>		<i>0.025</i>	<i>0.450</i>	<i>0.437</i>	<i>0.185</i>	<i>0.290</i>			
ECL-05.000-07.000-CS	5.000	6.000 to 8.000	0.700	11.300	10.750	4.110	0.740	1.200	SAE1065-1090 Carbon Spring Steel	
	<i>0.197</i>		<i>0.028</i>	<i>0.445</i>	<i>0.423</i>	<i>0.162</i>	<i>0.029</i>	<i>0.047</i>		
ECL-05.334-06.350A-CS	5.334	6.350 to 11.000	0.635	13.716	13.386		0.737	1.200	Carbon Spring Steel	
	<i>0.210</i>		<i>0.025</i>	<i>0.540</i>	<i>0.527</i>		<i>0.029</i>	<i>0.047</i>		
# ECL-05.334-06.350B-CS	5.334	6.350 to 11.000	0.635	13.462	13.106		0.737		SAE1065-1090 Carbon Spring Steel	
	<i>0.210</i>		<i>0.025</i>	<i>0.530</i>	<i>0.516</i>		<i>0.029</i>			

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# ECL-05.334-06.350A-420	5.334 <i>0.210</i>	6.350 to 11.000	0.635 <i>0.025</i>	13.716 <i>0.540</i>	13.386 <i>0.527</i>		0.737 <i>0.029</i>		420 Stainless Steel	
# ECL-05.334-06.350C-CS	5.334 <i>0.210</i>	6.350 to 11.000	0.889 <i>0.035</i>	13.716 <i>0.540</i>	13.386 <i>0.527</i>		1.016 <i>0.040</i>		SAE1065-1090 Carbon Spring Steel	
ECL-06.000-08.000-CS	6.000 <i>0.236</i>	7.000 to 9.000	0.700 <i>0.028</i>	12.300 <i>0.484</i>	11.750 <i>0.463</i>	5.260 <i>0.207</i>	0.740 <i>0.029</i>	1.200 <i>0.047</i>	Carbon Spring Steel	
ECL-06.000-08.000-420	6.000 <i>0.236</i>	7.000 to 9.000	0.700 <i>0.028</i>	12.300 <i>0.484</i>	11.750 <i>0.463</i>	5.260 <i>0.207</i>	0.740 <i>0.029</i>	1.200 <i>0.047</i>	PH15-7 Mo Stainless Steel	
# ECL-06.325-07.925-CS	6.325 <i>0.249</i>	7.925 to 12.700	0.381 <i>0.015</i>	16.307 <i>0.642</i>	15.875 <i>0.625</i>		0.432 <i>0.017</i>		Carbon Spring Steel - Phosphate and oil finish	Special Type C
# ECL-06.350-07.925A-CS	6.350 <i>0.250</i>	7.925 to 9.525	0.635 <i>0.025</i>	12.700 <i>0.500</i>	12.580 <i>0.495</i>	6.172 <i>0.243</i>	0.737 <i>0.029</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-06.350-07.925A-PH15-7	6.350 <i>0.250</i>	7.925 to 9.525	0.635 <i>0.025</i>	13.208 <i>0.520</i>	12.700 <i>0.500</i>		0.737 <i>0.029</i>		PH15-7 Mo Stainless Steel	

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## E-Clips - Basic

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# ECL-06.350-07.925B-CS	6.350	7.925 to 9.525	0.889	13.208	12.700		1.016		SAE1065-1090 Carbon Spring Steel	
	<i>0.250</i>		<i>0.035</i>	<i>0.520</i>	<i>0.500</i>		<i>0.040</i>			
ECL-06.350-07.925C-CS	6.350	7.925 to 11.113	0.889	15.494	14.935		0.991		SAE1065-1090 Carbon Spring Steel	
	<i>0.250</i>		<i>0.035</i>	<i>0.610</i>	<i>0.588</i>		<i>0.039</i>			
ECL-07.000-09.500-PH15-7	7.000	8.000 to 11.000	0.700	14.300	13.800	5.840	0.940	1.500	PH15-7 Mo Stainless Steel	
	<i>0.276</i>		<i>0.028</i>	<i>0.563</i>	<i>0.543</i>	<i>0.230</i>	<i>0.037</i>	<i>0.059</i>		
ECL-07.000-09.500-CS	7.000	8.000 to 11.000	0.900	14.300	13.800	5.840	0.940	1.500	SAE1065-1090 Carbon Spring Steel	
	<i>0.276</i>		<i>0.035</i>	<i>0.563</i>	<i>0.543</i>	<i>0.230</i>	<i>0.037</i>	<i>0.059</i>		
# ECL-07.137-08.712-CS	7.137	8.712 to 15.875	0.508	20.066	19.812		0.584		Carbon Spring Steel - Phosphate and oil finish	Special Type U
	<i>0.281</i>		<i>0.020</i>	<i>0.790</i>	<i>0.780</i>		<i>0.023</i>			
ECL-07.696-09.525-CS	7.696	9.525 to 14.288	0.889	17.272	16.764		0.991		SAE1065-1090 Carbon Spring Steel	
	<i>0.303</i>		<i>0.035</i>	<i>0.680</i>	<i>0.660</i>		<i>0.039</i>			
# ECL-07.696-09.525-PH15-7	7.696	9.525 to 14.288	0.889	17.272	16.764		0.991		PH15-7 Mo Stainless Steel	
	<i>0.303</i>		<i>0.035</i>	<i>0.680</i>	<i>0.660</i>		<i>0.039</i>			

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ECL-08.000-10.500-CS	8.000	9.000 to 12.000	1.000	16.300	15.600	6.520	1.050	1.800	SAE1065-1090 Carbon Spring Steel	
	<i>0.315</i>		<i>0.039</i>	<i>0.642</i>	<i>0.614</i>	<i>0.257</i>	<i>0.041</i>	<i>0.071</i>		
ECL-08.000-10.500-Z	8.000	9.000 to 12.000	1.000	16.300	15.600	6.520	1.050	1.800	Carbon Spring Steel/Zinc Plate	
	<i>0.315</i>		<i>0.039</i>	<i>0.642</i>	<i>0.614</i>	<i>0.257</i>	<i>0.041</i>	<i>0.071</i>		
ECL-08.712-11.125A-CS	8.712	11.113 to 14.288	0.889	18.034	17.450	8.560	0.991		SAE1065-1090 Carbon Spring Steel	
	<i>0.343</i>		<i>0.035</i>	<i>0.710</i>	<i>0.687</i>	<i>0.337</i>	<i>0.039</i>			
# ECL-08.712-11.125B-CS	8.712	11.113 to 15.875	0.889	19.736	18.948		0.991		SAE1065-1090 Carbon Spring Steel	
	<i>0.343</i>		<i>0.035</i>	<i>0.777</i>	<i>0.746</i>		<i>0.039</i>			
# ECL-08.712-11.125A-PH15-7	8.712	11.113 to 14.288	0.889	18.034	17.450	8.560	0.991		PH15-7 Mo Stainless Steel	
	<i>0.343</i>		<i>0.035</i>	<i>0.710</i>	<i>0.687</i>	<i>0.337</i>	<i>0.039</i>			
# ECL-09.000-12.000-420	9.000	10.000 to 14.000	1.100	18.800	18.200	7.630	1.150	2.000	420 Stainless Steel	
	<i>0.354</i>		<i>0.043</i>	<i>0.740</i>	<i>0.717</i>	<i>0.300</i>	<i>0.045</i>	<i>0.079</i>		
ECL-09.000-12.000-CS	9.000	10.000 to 14.000	1.100	18.800	18.200	7.630	1.150	2.000	SAE1065-1090 Carbon Spring Steel	
	<i>0.354</i>		<i>0.043</i>	<i>0.740</i>	<i>0.717</i>	<i>0.300</i>	<i>0.045</i>	<i>0.079</i>		

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ECL-09.652-11.125-CS	9.652 <i>0.380</i>	11.113 to 12.700	0.889 <i>0.035</i>	15.748 <i>0.620</i>	15.240 <i>0.600</i>	9.525 <i>0.375</i>	0.991 <i>0.039</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-09.881-11.887-CS	9.881 <i>0.389</i>	11.887 to 14.288	0.711 <i>0.028</i>	17.907 <i>0.705</i>	17.450 <i>0.687</i>		0.787 <i>0.031</i>		Carbon Spring Steel - Phosphate and oil finish	Special Type S
ECL-10.000-13.000-CS	10.000 <i>0.394</i>	11.000 to 15.000	1.200 <i>0.047</i>	20.400 <i>0.803</i>	19.650 <i>0.774</i>	8.320 <i>0.328</i>	1.250 <i>0.049</i>	2.000 <i>0.079</i>	SAE1065-1090 Carbon Spring Steel	
# ECL-10.058-12.700-PH15-7-V1	10.058 <i>0.396</i>	12.700 to 17.463	1.067 <i>0.042</i>	20.828 <i>0.820</i>	20.320 <i>0.800</i>		1.168 <i>0.046</i>	2.000 <i>0.079</i>	Stainless Steel - PH-15-7 Mo	
ECL-10.058-12.700A-CS	10.058 <i>0.396</i>	12.700 to 17.463	1.067 <i>0.042</i>	20.828 <i>0.820</i>	20.320 <i>0.800</i>	9.957 <i>0.392</i>	1.168 <i>0.046</i>	2.000 <i>0.079</i>	Carbon Spring Steel	
# ECL-10.058-12.700B-CS	10.058 <i>0.396</i>	12.700 to 17.463	1.067 <i>0.042</i>	21.082 <i>0.830</i>	20.574 <i>0.810</i>		1.168 <i>0.046</i>		SAE1065-1090 Carbon Spring Steel	
# ECL-11.100-14.275-CS	11.100 <i>0.437</i>	14.275 to 19.050	1.067 <i>0.042</i>	22.606 <i>0.890</i>	22.098 <i>0.870</i>		1.168 <i>0.046</i>		SAE1065-1090 Carbon Spring Steel	

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ECL-12.000-15.500-CS	12.000	13.000 to 18.000	1.300	23.400	22.650	10.450	1.350	2.500	SAE1065-1090 Carbon Spring Steel	
	<i>0.472</i>		<i>0.051</i>	<i>0.921</i>	<i>0.892</i>	<i>0.411</i>	<i>0.053</i>	<i>0.098</i>		
# ECL-12.000-15.500-420	12.000	13.000 to 18.000	1.300	23.400	22.650	10.450	1.350	2.500	420 Stainless Steel	
	<i>0.472</i>		<i>0.051</i>	<i>0.921</i>	<i>0.892</i>	<i>0.411</i>	<i>0.053</i>	<i>0.098</i>		
ECL-12.319-15.875-CS	12.319	15.875 to 22.225	1.067	24.384	23.876		1.168		SAE1065-1090 Carbon Spring Steel	
	<i>0.485</i>		<i>0.042</i>	<i>0.960</i>	<i>0.940</i>		<i>0.046</i>			
# ECL-12.319-15.875-PH15-7	12.319	15.875 to 22.225	1.067	24.384	23.876		1.168		PH15-7 Mo Stainless Steel	
	<i>0.485</i>		<i>0.042</i>	<i>0.960</i>	<i>0.940</i>		<i>0.046</i>			
ECL-14.732-19.050-CS	14.732	19.050 to 25.400	1.270	28.956	28.448		1.422		SAE1065-1090 Carbon Spring Steel	
	<i>0.580</i>		<i>0.050</i>	<i>1.140</i>	<i>1.120</i>		<i>0.056</i>			
# ECL-14.732-19.050-PH15-7	14.732	19.050 to 25.400	1.270	28.956	28.448		1.422		PH15-7 Mo Stainless Steel	
	<i>0.580</i>		<i>0.050</i>	<i>1.140</i>	<i>1.120</i>		<i>0.056</i>			
ECL-15.000-20.000-CS	15.000	16.000 to 24.000	1.500	29.400	28.600	12.610	1.550	3.000	SAE1065-1090 Carbon Spring Steel	
	<i>0.591</i>		<i>0.059</i>	<i>1.157</i>	<i>1.126</i>	<i>0.496</i>	<i>0.061</i>	<i>0.118</i>		

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# ECL-15.875-18.898-CS	15.875	18.898 to 22.225	1.270	25.908	25.400		1.422		SAE1065-1090 Carbon Spring Steel	
	<i>0.625</i>		<i>0.050</i>	<i>1.020</i>	<i>1.000</i>		<i>0.056</i>			
ECL-17.145-22.225-CS	17.145	22.225 to 28.575	1.270	33.528	33.020		1.422		SAE1065-1090 Carbon Spring Steel	
	<i>0.675</i>		<i>0.050</i>	<i>1.320</i>	<i>1.300</i>		<i>0.056</i>			
# ECL-17.145-22.225-PH15-7	17.145	22.225 to 28.575	1.270	33.528	33.020		1.422		PH15-7 Mo Stainless Steel	
	<i>0.675</i>		<i>0.050</i>	<i>1.320</i>	<i>1.300</i>		<i>0.056</i>			
ECL-19.000-25.500-CS	19.000	20.000 to 31.000	1.750	37.600	36.700	15.920	1.850	3.500	SAE1065-1090 Carbon Spring Steel	
	<i>0.748</i>		<i>0.069</i>	<i>1.480</i>	<i>1.445</i>	<i>0.627</i>	<i>0.073</i>	<i>0.138</i>		
# ECL-21.209-24.994-CS	21.209	25.400 to 31.750	1.270	38.862	38.100		1.422		SAE1065-1090 Carbon Spring Steel	
	<i>0.835</i>		<i>0.050</i>	<i>1.530</i>	<i>1.500</i>		<i>0.056</i>			
# ECL-21.209-25.400-CRS	21.209	25.400 to 31.750	1.270	38.862	38.100		1.422		Cold Rolled Steel	
	<i>0.835</i>		<i>0.050</i>	<i>1.530</i>	<i>1.500</i>		<i>0.056</i>			
ECL-24.000-31.500-CS	24.000	25.000 to 38.000	2.000	44.600	43.650	21.880	2.050	4.000	SAE1065-1090 Carbon Spring Steel	
	<i>0.945</i>		<i>0.079</i>	<i>1.756</i>	<i>1.719</i>	<i>0.861</i>	<i>0.081</i>	<i>0.157</i>		

# Indicates item not stocked at time of printing - Please enquire for lead time

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## E-Clips - Basic

Part Number	Groove Diameter (G) mm	Rec. Shaft Diameter (S) mm	Thickness (t) mm	Clip OD in groove (C1) mm	Clip OD Loose (D1) mm	Loose Clip ID (A) mm	Groove Width (W) mm	Min Shaft Length Before Groove mm	Material	Additional Info
# ECL-27.407-30.175-CS	27.407	30.175 to 38.100	1.575	42.418	41.300		1.727		SAE1065-1090 Carbon Spring Steel	
	1.079		0.062	1.670	1.626		0.068			
ECL-31.242-34.925-CS	31.242	34.925 to 44.450	1.575	48.768	47.625		1.727		SAE1065-1090 Carbon Spring Steel	
	1.230		0.062	1.920	1.875		0.068			

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