



Circlips - External - Standard - Carbon Steel

6/4/2018

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

INFORMATION

Imperial and metric DIN471 / N1400 / D1460. Retaining rings. Snap Rings (USA).

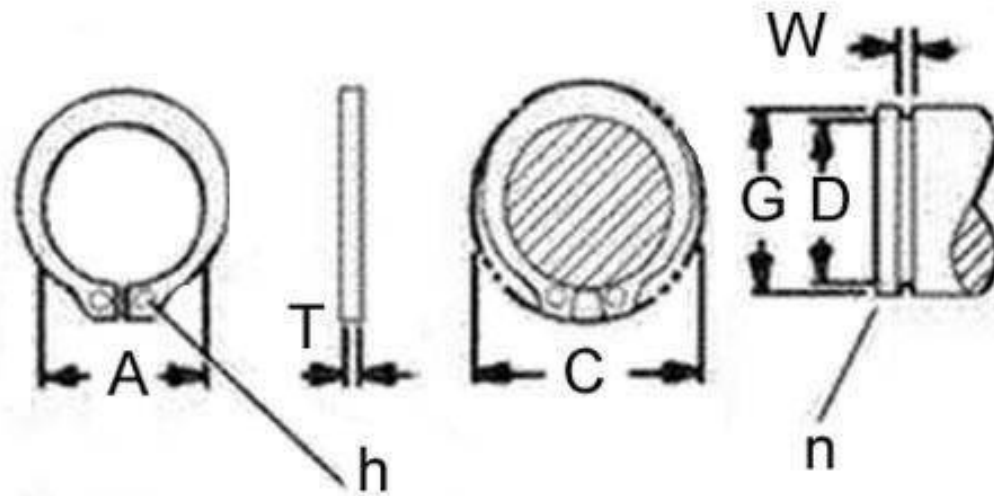
Plain carbon steel

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au//categories/circlip+pliers/all/pics/>
<http://www.minibearings.com.au//partslist/circlipsexternalstandardstainlessteel/>

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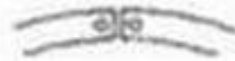
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Lug for
3 to 9mm



Alternative
Lug for
4 to 8mm



Most Sizes
Over 185mm
have no Lugs



Some Larger
Sizes have
Beam at Back

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-00300-C	3.00	2.80	0.40	0.50	0.30	2.70	7.00	6.60	1.00	Carbon Spring Steel
	<i>0.118</i>	<i>0.110</i>	<i>0.016</i>	<i>0.020</i>	<i>0.012</i>	<i>0.106</i>	<i>0.276</i>	<i>0.260</i>	<i>0.039</i>	
# CCE-00318-C	3.2	3.0	0.3	0.3		2.8				Carbon Spring Steel
	<i>0.126</i>	<i>0.118</i>	<i>0.012</i>	<i>0.012</i>		<i>0.110</i>				
CCE-00396-B	3.96	3.71	0.25	0.31	0.43	3.61	6.86	6.60	0.61	Beryllium Copper or Carbon Steel (Manufacturers Discretion)
	<i>0.156</i>	<i>0.146</i>	<i>0.010</i>	<i>0.012</i>	<i>0.017</i>	<i>0.142</i>	<i>0.270</i>	<i>0.260</i>	<i>0.024</i>	
# CCE-00397-C	4.0	3.7	0.3	0.3		3.6				Carbon Spring Steel
	<i>0.157</i>	<i>0.146</i>	<i>0.012</i>	<i>0.012</i>		<i>0.142</i>				
CCE-00400-C	4.00	3.80	0.40	0.50	0.30	3.70	8.60	8.20	1.00	Carbon Spring Steel
	<i>0.157</i>	<i>0.150</i>	<i>0.016</i>	<i>0.020</i>	<i>0.012</i>	<i>0.146</i>	<i>0.339</i>	<i>0.323</i>	<i>0.039</i>	
CCE-00478-B	4.78	4.45	0.38	0.46	0.56	4.27	7.62	7.26	0.58	Beryllium Copper
	<i>0.188</i>	<i>0.175</i>	<i>0.015</i>	<i>0.018</i>	<i>0.022</i>	<i>0.168</i>	<i>0.300</i>	<i>0.286</i>	<i>0.023</i>	
CCE-00478-C	4.78	4.45	0.38	0.46	0.56	4.27	7.62	7.26	0.58	Carbon Steel
	<i>0.188</i>	<i>0.175</i>	<i>0.015</i>	<i>0.018</i>	<i>0.022</i>	<i>0.168</i>	<i>0.300</i>	<i>0.286</i>	<i>0.023</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-00500-B	5.00	4.70	0.38	0.46	0.51	4.55	8.13	7.80	0.61	Beryllium Copper or Carbon Steel (Manufacturers Discretion)
	<i>0.197</i>	<i>0.185</i>	<i>0.015</i>	<i>0.018</i>	<i>0.020</i>	<i>0.179</i>	<i>0.320</i>	<i>0.307</i>	<i>0.024</i>	
CCE-00500-C	5.00	4.80	0.60	0.70	0.30	4.70	10.30	9.80	1.00	Carbon Spring Steel
	<i>0.197</i>	<i>0.189</i>	<i>0.024</i>	<i>0.028</i>	<i>0.012</i>	<i>0.185</i>	<i>0.406</i>	<i>0.386</i>	<i>0.039</i>	
# CCE-00501-C	5.0	4.7	0.4	0.5		4.6				Carbon Spring Steel
	<i>0.197</i>	<i>0.185</i>	<i>0.016</i>	<i>0.020</i>		<i>0.181</i>				
# CCE-00556-C	5.6	5.2	0.4	0.5	0.6	5.0	8.640	8.230	0.610	Carbon Spring Steel
	<i>0.220</i>	<i>0.205</i>	<i>0.016</i>	<i>0.020</i>	<i>0.024</i>	<i>0.197</i>	<i>0.340</i>	<i>0.324</i>	<i>0.024</i>	
# CCE-00595-C	5.95	5.6	0.4	0.5		5.5				Carbon Spring Steel
	<i>0.234</i>	<i>0.220</i>	<i>0.016</i>	<i>0.020</i>		<i>0.217</i>				
CCE-00600-C	6.00	5.70	0.70	0.80	0.50	5.60	11.70	11.10	1.20	Carbon Spring Steel
	<i>0.236</i>	<i>0.224</i>	<i>0.028</i>	<i>0.031</i>	<i>0.020</i>	<i>0.220</i>	<i>0.461</i>	<i>0.437</i>	<i>0.047</i>	
CCE-00635-C	6.35	5.84	0.64	0.74	0.81	5.72	11.43	10.92	0.99	Carbon Spring Steel
	<i>0.250</i>	<i>0.230</i>	<i>0.025</i>	<i>0.029</i>	<i>0.032</i>	<i>0.225</i>	<i>0.450</i>	<i>0.430</i>	<i>0.039</i>	
CCE-00700-C	7.00	6.70	0.80	0.90	0.50	6.50	13.50	12.90	1.20	Carbon Spring Steel
	<i>0.276</i>	<i>0.264</i>	<i>0.031</i>	<i>0.035</i>	<i>0.020</i>	<i>0.256</i>	<i>0.531</i>	<i>0.508</i>	<i>0.047</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-00701-C	7.01	6.48	0.64	0.74	0.89	6.35	12.19	11.68	0.99	Carbon Spring Steel
	<i>0.276</i>	<i>0.255</i>	<i>0.025</i>	<i>0.029</i>	<i>0.035</i>	<i>0.250</i>	<i>0.480</i>	<i>0.460</i>	<i>0.039</i>	
CCE-00714-C	7.14	6.63	0.64	0.74	0.84	6.50	12.45	11.94	0.99	Carbon Spring Steel
	<i>0.281</i>	<i>0.261</i>	<i>0.025</i>	<i>0.029</i>	<i>0.033</i>	<i>0.256</i>	<i>0.490</i>	<i>0.470</i>	<i>0.039</i>	
CCE-00794-C	7.94	7.37	0.64	0.74	0.91	7.14	13.72	13.21	0.99	Carbon Spring Steel
	<i>0.313</i>	<i>0.290</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.281</i>	<i>0.540</i>	<i>0.520</i>	<i>0.039</i>	
CCE-00800-C	8.00	7.60	0.80	0.90	0.60	7.40	14.70	14.00	1.20	Carbon Spring Steel
	<i>0.315</i>	<i>0.299</i>	<i>0.031</i>	<i>0.035</i>	<i>0.024</i>	<i>0.291</i>	<i>0.579</i>	<i>0.551</i>	<i>0.047</i>	
CCE-00873-C	8.73	8.15	0.64	0.74	0.97	7.85	14.48	13.97	0.99	Carbon Spring Steel
	<i>0.344</i>	<i>0.321</i>	<i>0.025</i>	<i>0.029</i>	<i>0.038</i>	<i>0.309</i>	<i>0.570</i>	<i>0.550</i>	<i>0.039</i>	
CCE-00899-C	8.99	8.38	0.64	0.74	0.97	8.13	14.99	14.48	0.99	Carbon Spring Steel
	<i>0.354</i>	<i>0.330</i>	<i>0.025</i>	<i>0.029</i>	<i>0.038</i>	<i>0.320</i>	<i>0.590</i>	<i>0.570</i>	<i>0.039</i>	
CCE-00900-C	9.00	8.60	1.00	1.10	0.60	8.40	16.00	15.20	1.20	Carbon Spring Steel
	<i>0.354</i>	<i>0.339</i>	<i>0.039</i>	<i>0.043</i>	<i>0.024</i>	<i>0.331</i>	<i>0.630</i>	<i>0.598</i>	<i>0.047</i>	
CCE-00953-C	9.53	8.94	0.64	0.74	0.97	8.59	15.49	14.99	0.99	Carbon Spring Steel
	<i>0.375</i>	<i>0.352</i>	<i>0.025</i>	<i>0.029</i>	<i>0.038</i>	<i>0.338</i>	<i>0.610</i>	<i>0.590</i>	<i>0.039</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-01000-C	10.00	9.60	1.00	1.10	0.60	9.30	17.00	16.20	1.50	Carbon Spring Steel
	<i>0.394</i>	<i>0.378</i>	<i>0.039</i>	<i>0.043</i>	<i>0.024</i>	<i>0.366</i>	<i>0.669</i>	<i>0.638</i>	<i>0.059</i>	
# CCE-01001H-C	10.01	9.35	1							Carbon Spring Steel
	<i>0.394</i>	<i>0.368</i>	<i>0.039</i>							
CCE-01001-C	10.01	9.37	0.64	0.74	1.04	8.99	15.75	15.24	0.99	Carbon Spring Steel
	<i>0.394</i>	<i>0.369</i>	<i>0.025</i>	<i>0.029</i>	<i>0.041</i>	<i>0.354</i>	<i>0.620</i>	<i>0.600</i>	<i>0.039</i>	
CCE-01031-C	10.31	9.70	0.64	0.74	0.99	9.30	16.00	15.49	0.99	Carbon Spring Steel
	<i>0.406</i>	<i>0.382</i>	<i>0.025</i>	<i>0.029</i>	<i>0.039</i>	<i>0.366</i>	<i>0.630</i>	<i>0.610</i>	<i>0.039</i>	
# CCE-01032-C	10.3	9.7	0.6	0.7		9.3				Carbon Spring Steel
	<i>0.406</i>	<i>0.382</i>	<i>0.024</i>	<i>0.028</i>		<i>0.366</i>				
# CCE-01087H-C	10.87	10.21	1							Carbon Spring Steel
	<i>0.428</i>	<i>0.402</i>	<i>0.039</i>							
CCE-01100-C	11.00	10.50	1.00	1.10	0.80	10.20	18.00	17.10	1.50	Carbon Spring Steel
	<i>0.433</i>	<i>0.413</i>	<i>0.039</i>	<i>0.043</i>	<i>0.031</i>	<i>0.402</i>	<i>0.709</i>	<i>0.673</i>	<i>0.059</i>	
CCE-01111-C	11.11	10.46	0.64	0.74	1.07	10.03	16.76	16.26	0.99	Carbon Spring Steel
	<i>0.437</i>	<i>0.412</i>	<i>0.025</i>	<i>0.029</i>	<i>0.042</i>	<i>0.395</i>	<i>0.660</i>	<i>0.640</i>	<i>0.039</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-01191-C	11.91	11.25	0.64	0.74	1.07	10.87	17.27	16.76	0.99	Carbon Spring Steel
	<i>0.469</i>	<i>0.443</i>	<i>0.025</i>	<i>0.029</i>	<i>0.042</i>	<i>0.428</i>	<i>0.680</i>	<i>0.660</i>	<i>0.039</i>	
CCE-01200-C	12.00	11.50	1.00	1.10	0.80	11.00	19.00	18.10	1.70	Carbon Spring Steel
	<i>0.472</i>	<i>0.453</i>	<i>0.039</i>	<i>0.043</i>	<i>0.031</i>	<i>0.433</i>	<i>0.748</i>	<i>0.713</i>	<i>0.067</i>	
# CCE-01200H-C	12.00	11.50	1.50	1.60	0.70	11.00	19.30	18.30	1.70	Carbon Spring Steel
	<i>0.472</i>	<i>0.453</i>	<i>0.059</i>	<i>0.063</i>	<i>0.028</i>	<i>0.433</i>	<i>0.760</i>	<i>0.720</i>	<i>0.067</i>	
# CCE-01201H-C	12.01	11.28	1							Carbon Spring Steel
	<i>0.473</i>	<i>0.444</i>	<i>0.039</i>							
CCE-01270-C	12.70	11.89	0.89	0.99	1.30	11.71	19.56	18.80	1.14	Carbon Spring Steel
	<i>0.500</i>	<i>0.468</i>	<i>0.035</i>	<i>0.039</i>	<i>0.051</i>	<i>0.461</i>	<i>0.770</i>	<i>0.740</i>	<i>0.045</i>	
CCE-01270H-C	12.70	11.89	1.27	14.22	1.22	11.68	19.05	18.29	1.22	Carbon Spring Steel
	<i>0.500</i>	<i>0.468</i>	<i>0.050</i>	<i>0.560</i>	<i>0.048</i>	<i>0.460</i>	<i>0.750</i>	<i>0.720</i>	<i>0.048</i>	
CCE-01300-C	13.00	12.40	1.00	1.10	0.90	11.90	20.20	19.20	1.70	Carbon Spring Steel
	<i>0.512</i>	<i>0.488</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.469</i>	<i>0.795</i>	<i>0.756</i>	<i>0.067</i>	
# CCE-01399-C	14.0	13.2	0.9	1.0		12.9				Carbon Spring Steel
	<i>0.551</i>	<i>0.520</i>	<i>0.035</i>	<i>0.039</i>		<i>0.508</i>				

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-01400-C	14.00	13.40	1.00	1.10	0.90	12.90	21.40	20.40	1.70	Carbon Spring Steel
	<i>0.551</i>	<i>0.528</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.508</i>	<i>0.843</i>	<i>0.803</i>	<i>0.067</i>	
# CCE-01427-C	14.28	13.46	0.89	0.99	1.30	13.23	20.83	20.07	1.14	Carbon Spring Steel
	<i>0.562</i>	<i>0.530</i>	<i>0.035</i>	<i>0.039</i>	<i>0.051</i>	<i>0.521</i>	<i>0.820</i>	<i>0.790</i>	<i>0.045</i>	
# CCE-01429-C	14.3	13.5	0.9	1.0		13.2				Carbon Spring Steel
	<i>0.563</i>	<i>0.531</i>	<i>0.035</i>	<i>0.039</i>		<i>0.520</i>				
CCE-01500-C	15.00	14.30	1.00	1.10	1.10	13.80	22.60	21.50	1.70	Carbon Spring Steel
	<i>0.591</i>	<i>0.563</i>	<i>0.039</i>	<i>0.043</i>	<i>0.043</i>	<i>0.543</i>	<i>0.890</i>	<i>0.846</i>	<i>0.067</i>	
# CCE-01500H-C	15.00	14.30	1.50	1.60	1.10	13.80	25.10	23.90	2.00	Carbon Spring Steel
	<i>0.591</i>	<i>0.563</i>	<i>0.059</i>	<i>0.063</i>	<i>0.043</i>	<i>0.543</i>	<i>0.988</i>	<i>0.941</i>	<i>0.079</i>	
CCE-01501H-C	15.01	14.10	1.27	14.22	1.37	13.79	21.84	21.08	1.22	Carbon Spring Steel
	<i>0.591</i>	<i>0.555</i>	<i>0.050</i>	<i>0.560</i>	<i>0.054</i>	<i>0.543</i>	<i>0.860</i>	<i>0.830</i>	<i>0.048</i>	
# CCE-01508-C	15.1	14.2	0.9	1.0		14.0				Carbon Spring Steel
	<i>0.594</i>	<i>0.559</i>	<i>0.035</i>	<i>0.039</i>		<i>0.551</i>				
# CCE-01509-C	15.09	14.20	0.89	0.99	1.45	13.97	21.84	21.08	1.14	Carbon Spring Steel
	<i>0.594</i>	<i>0.559</i>	<i>0.035</i>	<i>0.039</i>	<i>0.057</i>	<i>0.550</i>	<i>0.860</i>	<i>0.830</i>	<i>0.045</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-01588-C	15.88	14.94	0.89	0.99	1.52	14.71	22.86	22.10	1.14	Carbon Spring Steel
	<i>0.625</i>	<i>0.588</i>	<i>0.035</i>	<i>0.039</i>	<i>0.060</i>	<i>0.579</i>	<i>0.900</i>	<i>0.870</i>	<i>0.045</i>	
# CCE-01588H-C	15.88	14.94	1.27	14.22	1.45	14.61	22.86	21.84	1.22	Carbon Spring Steel
	<i>0.625</i>	<i>0.588</i>	<i>0.050</i>	<i>0.560</i>	<i>0.057</i>	<i>0.575</i>	<i>0.900</i>	<i>0.860</i>	<i>0.048</i>	
CCE-01600-C	16.00	15.20	1.00	1.10	1.20	14.70	23.80	22.60	1.70	Carbon Spring Steel
	<i>0.630</i>	<i>0.598</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.579</i>	<i>0.937</i>	<i>0.890</i>	<i>0.067</i>	
CCE-01600H-C	16.00	15.20	1.50	1.60	1.20	14.70	26.50	25.20	2.00	Carbon Spring Steel
	<i>0.630</i>	<i>0.598</i>	<i>0.059</i>	<i>0.063</i>	<i>0.047</i>	<i>0.579</i>	<i>1.043</i>	<i>0.992</i>	<i>0.079</i>	
# CCE-01699H-C	16.99	15.98	1.27	14.22	1.52	15.65	23.88	22.86	1.22	Carbon Spring Steel
	<i>0.669</i>	<i>0.629</i>	<i>0.050</i>	<i>0.560</i>	<i>0.060</i>	<i>0.616</i>	<i>0.940</i>	<i>0.900</i>	<i>0.048</i>	
CCE-01700-C	17.00	16.20	1.00	1.10	1.20	15.70	25.00	23.80	1.70	Carbon Spring Steel
	<i>0.669</i>	<i>0.638</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.618</i>	<i>0.984</i>	<i>0.937</i>	<i>0.067</i>	
CCE-01700H-C	17.00	16.20	1.50	1.60	1.50	15.70	27.50	26.20	2.00	Carbon Spring Steel
	<i>0.669</i>	<i>0.638</i>	<i>0.059</i>	<i>0.063</i>	<i>0.059</i>	<i>0.618</i>	<i>1.083</i>	<i>1.031</i>	<i>0.079</i>	
# CCE-01707-C	17.07	16.03	0.89	0.99	1.68	15.77	23.62	22.61	1.14	Carbon Spring Steel
	<i>0.672</i>	<i>0.631</i>	<i>0.035</i>	<i>0.039</i>	<i>0.066</i>	<i>0.621</i>	<i>0.930</i>	<i>0.890</i>	<i>0.045</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-01746-C	17.46	16.41	1.07	1.17	1.73	16.13	25.65	24.64	1.27	Carbon Spring Steel
	<i>0.687</i>	<i>0.646</i>	<i>0.042</i>	<i>0.046</i>	<i>0.068</i>	<i>0.635</i>	<i>1.010</i>	<i>0.970</i>	<i>0.050</i>	
CCE-01800-C	18.00	17.00	1.20	1.30	1.50	16.50	26.20	24.80	2.00	Carbon Spring Steel
	<i>0.709</i>	<i>0.669</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.650</i>	<i>1.031</i>	<i>0.976</i>	<i>0.079</i>	
# CCE-01800H-C	18.00	17.00	1.50	1.60	1.50	16.50	28.70	27.20	2.00	Carbon Spring Steel
	<i>0.709</i>	<i>0.669</i>	<i>0.059</i>	<i>0.063</i>	<i>0.059</i>	<i>0.650</i>	<i>1.130</i>	<i>1.071</i>	<i>0.079</i>	
# CCE-01900H-C	19.00	17.80	1.50	1.60	1.80	17.50	29.90	28.20	2.00	Carbon Spring Steel
	<i>0.748</i>	<i>0.701</i>	<i>0.059</i>	<i>0.063</i>	<i>0.071</i>	<i>0.689</i>	<i>1.177</i>	<i>1.110</i>	<i>0.079</i>	
CCE-01900-C	19.00	18.00	1.20	1.30	1.50	17.50	27.20	25.80	2.00	Carbon Spring Steel
	<i>0.748</i>	<i>0.709</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.689</i>	<i>1.071</i>	<i>1.016</i>	<i>0.079</i>	
CCE-01905-C	19.05	17.88	1.07	1.17	1.88	17.60	27.69	26.67	1.27	Carbon Spring Steel
	<i>0.750</i>	<i>0.704</i>	<i>0.042</i>	<i>0.046</i>	<i>0.074</i>	<i>0.693</i>	<i>1.090</i>	<i>1.050</i>	<i>0.050</i>	
# CCE-01905H-C	19.05	17.88	1.98	21.84	1.75	17.50	28.45	27.43	1.93	Carbon Spring Steel
	<i>0.750</i>	<i>0.704</i>	<i>0.078</i>	<i>0.860</i>	<i>0.069</i>	<i>0.689</i>	<i>1.120</i>	<i>1.080</i>	<i>0.076</i>	
# CCE-01984-C	19.84	18.62	1.07	1.17	1.93	18.34	28.45	27.43	1.27	Carbon Spring Steel
	<i>0.781</i>	<i>0.733</i>	<i>0.042</i>	<i>0.046</i>	<i>0.076</i>	<i>0.722</i>	<i>1.120</i>	<i>1.080</i>	<i>0.050</i>	

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Circlips - External - Standard - Carbon Steel

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-02000-C	20.00	19.00	1.20	1.30	1.50	18.50	28.40	27.00	2.00	Carbon Spring Steel
	<i>0.787</i>	<i>0.748</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.728</i>	<i>1.118</i>	<i>1.063</i>	<i>0.079</i>	
CCE-02000H-C	20.00	19.00	1.75	1.85	1.50	18.50	31.50	30.00	2.00	Carbon Spring Steel
	<i>0.787</i>	<i>0.748</i>	<i>0.069</i>	<i>0.073</i>	<i>0.059</i>	<i>0.728</i>	<i>1.240</i>	<i>1.181</i>	<i>0.079</i>	
CCE-02062-C	20.63	19.36	1.07	1.17	2.03	19.08	29.21	27.94	1.27	Carbon Spring Steel
	<i>0.812</i>	<i>0.762</i>	<i>0.042</i>	<i>0.046</i>	<i>0.080</i>	<i>0.751</i>	<i>1.150</i>	<i>1.100</i>	<i>0.050</i>	
# CCE-02064-C	20.6	19.4	1.1	1.2		19.1				Carbon Spring Steel
	<i>0.811</i>	<i>0.764</i>	<i>0.043</i>	<i>0.047</i>		<i>0.752</i>				
CCE-02100-C	21.00	20.00	1.20	1.30	1.50	19.50	29.60	28.20	2.00	Carbon Spring Steel
	<i>0.827</i>	<i>0.787</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.768</i>	<i>1.165</i>	<i>1.110</i>	<i>0.079</i>	
# CCE-02143-C	21.4	20.1	1.1	1.2		19.8				Carbon Spring Steel
	<i>0.843</i>	<i>0.791</i>	<i>0.043</i>	<i>0.047</i>		<i>0.780</i>				
CCE-02200-C	22.00	21.00	1.20	1.30	1.50	20.50	30.80	29.40	2.00	Carbon Spring Steel
	<i>0.866</i>	<i>0.827</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.807</i>	<i>1.213</i>	<i>1.157</i>	<i>0.079</i>	
# CCE-02200H-C	22.00	21.00	1.75	1.85	1.50	20.50	34.50	33.00	2.00	Carbon Spring Steel
	<i>0.866</i>	<i>0.827</i>	<i>0.069</i>	<i>0.073</i>	<i>0.059</i>	<i>0.807</i>	<i>1.358</i>	<i>1.299</i>	<i>0.079</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-02223-C	22.23	20.85	1.07	1.17	2.16	20.57	30.73	29.46	1.27	Carbon Spring Steel
	<i>0.875</i>	<i>0.821</i>	<i>0.042</i>	<i>0.046</i>	<i>0.085</i>	<i>0.810</i>	<i>1.210</i>	<i>1.160</i>	<i>0.050</i>	
# CCE-02223H-C	22.23	20.85	1.98	21.84	2.06	20.42	31.75	30.48	1.93	Carbon Spring Steel
	<i>0.875</i>	<i>0.821</i>	<i>0.078</i>	<i>0.860</i>	<i>0.081</i>	<i>0.804</i>	<i>1.250</i>	<i>1.200</i>	<i>0.076</i>	
# CCE-02300H-C	23.00	21.80	1.75	1.85	1.80	21.30	35.70	34.00	2.00	Carbon Spring Steel
	<i>0.906</i>	<i>0.858</i>	<i>0.069</i>	<i>0.073</i>	<i>0.071</i>	<i>0.839</i>	<i>1.406</i>	<i>1.339</i>	<i>0.079</i>	
CCE-02300-C	23.00	22.00	1.20	1.30	1.50	21.50	32.00	30.60	2.00	Carbon Spring Steel
	<i>0.906</i>	<i>0.866</i>	<i>0.047</i>	<i>0.051</i>	<i>0.059</i>	<i>0.846</i>	<i>1.260</i>	<i>1.205</i>	<i>0.079</i>	
# CCE-02381-C	23.8	22.4	1.1	1.2		22.0				Carbon Spring Steel
	<i>0.937</i>	<i>0.882</i>	<i>0.043</i>	<i>0.047</i>		<i>0.866</i>				
# CCE-02383-C	23.83	22.40	1.07	1.17	2.24	22.02	34.04	32.77	1.93	Carbon Spring Steel
	<i>0.938</i>	<i>0.882</i>	<i>0.042</i>	<i>0.046</i>	<i>0.088</i>	<i>0.867</i>	<i>1.340</i>	<i>1.290</i>	<i>0.076</i>	
CCE-02400-C	24.00	22.90	1.20	1.30	1.70	22.20	33.20	31.70	2.00	Carbon Spring Steel
	<i>0.945</i>	<i>0.902</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.874</i>	<i>1.307</i>	<i>1.248</i>	<i>0.079</i>	
# CCE-02400H-C	24.00	22.90	1.75	1.85	1.70	22.20	37.10	35.50	2.00	Carbon Spring Steel
	<i>0.945</i>	<i>0.902</i>	<i>0.069</i>	<i>0.073</i>	<i>0.067</i>	<i>0.874</i>	<i>1.461</i>	<i>1.398</i>	<i>0.079</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-02499H-C	24.99	23.50	1.98	21.84	2.29	23.01	34.54	33.02	1.93	Carbon Spring Steel
	<i>0.984</i>	<i>0.925</i>	<i>0.078</i>	<i>0.860</i>	<i>0.090</i>	<i>0.906</i>	<i>1.360</i>	<i>1.300</i>	<i>0.076</i>	
# CCE-02499-C	24.99	23.52	1.07	1.17	2.31	23.11	35.31	34.04	1.93	Carbon Spring Steel
	<i>0.984</i>	<i>0.926</i>	<i>0.042</i>	<i>0.046</i>	<i>0.091</i>	<i>0.910</i>	<i>1.390</i>	<i>1.340</i>	<i>0.076</i>	
CCE-02500-C	25.00	23.90	1.20	1.30	1.70	23.20	34.20	32.70	2.00	Carbon Spring Steel
	<i>0.984</i>	<i>0.941</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.913</i>	<i>1.346</i>	<i>1.287</i>	<i>0.079</i>	
# CCE-02500H-C	25.00	23.90	2.00	2.15	1.70	23.20	38.30	36.70	2.00	Carbon Spring Steel
	<i>0.984</i>	<i>0.941</i>	<i>0.079</i>	<i>0.085</i>	<i>0.067</i>	<i>0.913</i>	<i>1.508</i>	<i>1.445</i>	<i>0.079</i>	
# CCE-02501-C	25.0	23.5	1.1	1.2		23.1				Carbon Spring Steel
	<i>0.984</i>	<i>0.925</i>	<i>0.043</i>	<i>0.047</i>		<i>0.909</i>				
# CCE-02540H-C	25.40	23.83	1.98	21.84	2.36	23.01	34.80	33.27	1.93	Carbon Spring Steel
	<i>1.000</i>	<i>0.938</i>	<i>0.078</i>	<i>0.860</i>	<i>0.093</i>	<i>0.906</i>	<i>1.370</i>	<i>1.310</i>	<i>0.076</i>	
# CCE-02540-C	25.40	23.88	1.07	1.17	2.39	23.50	35.81	34.29	1.93	Carbon Spring Steel
	<i>1.000</i>	<i>0.940</i>	<i>0.042</i>	<i>0.046</i>	<i>0.094</i>	<i>0.925</i>	<i>1.410</i>	<i>1.350</i>	<i>0.076</i>	
# CCE-02598-C	25.98	24.41	1.07	1.17	2.46	24.03	36.32	34.80	1.93	Carbon Spring Steel
	<i>1.023</i>	<i>0.961</i>	<i>0.042</i>	<i>0.046</i>	<i>0.097</i>	<i>0.946</i>	<i>1.430</i>	<i>1.370</i>	<i>0.076</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-02600H-C	26.00	24.40	2.00	2.15	2.40	23.60	39.70	37.60	2.00	Carbon Spring Steel
	<i>1.024</i>	<i>0.961</i>	<i>0.079</i>	<i>0.085</i>	<i>0.094</i>	<i>0.929</i>	<i>1.563</i>	<i>1.480</i>	<i>0.079</i>	
CCE-02600-C	26.00	24.90	1.20	1.30	1.70	24.20	35.50	33.90	2.00	Carbon Spring Steel
	<i>1.024</i>	<i>0.980</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.953</i>	<i>1.398</i>	<i>1.335</i>	<i>0.079</i>	
# CCE-02697-C	26.98	25.35	1.27	1.42	2.59	24.94	38.10	36.58	1.93	Carbon Spring Steel
	<i>1.062</i>	<i>0.998</i>	<i>0.050</i>	<i>0.056</i>	<i>0.102</i>	<i>0.982</i>	<i>1.500</i>	<i>1.440</i>	<i>0.076</i>	
# CCE-02697H-C	26.98	25.35	2.36	2.62	2.44	24.84	38.61	37.08	2.31	Carbon Spring Steel
	<i>1.062</i>	<i>0.998</i>	<i>0.093</i>	<i>0.103</i>	<i>0.096</i>	<i>0.978</i>	<i>1.520</i>	<i>1.460</i>	<i>0.091</i>	
# CCE-02699-C	27.0	25.4	1.3	1.4		24.9				Carbon Spring Steel
	<i>1.063</i>	<i>1.000</i>	<i>0.051</i>	<i>0.055</i>		<i>0.980</i>				
# CCE-02700H-C	27.00	25.50	2.00	2.15	2.30	24.70	40.50	38.50	2.00	Carbon Spring Steel
	<i>1.063</i>	<i>1.004</i>	<i>0.079</i>	<i>0.085</i>	<i>0.091</i>	<i>0.972</i>	<i>1.594</i>	<i>1.516</i>	<i>0.079</i>	
CCE-02700-C	27.00	25.60	1.20	1.30	2.10	24.90	36.70	34.80	2.00	Carbon Spring Steel
	<i>1.063</i>	<i>1.008</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>0.980</i>	<i>1.445</i>	<i>1.370</i>	<i>0.079</i>	
CCE-02800-C	28.00	26.60	1.50	1.60	2.10	25.90	37.90	36.00	2.00	Carbon Spring Steel
	<i>1.102</i>	<i>1.047</i>	<i>0.059</i>	<i>0.063</i>	<i>0.083</i>	<i>1.020</i>	<i>1.492</i>	<i>1.417</i>	<i>0.079</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-02800H-C	28.00	26.60	2.00	2.15	2.10	25.90	41.50	39.60	2.00	Carbon Spring Steel
	<i>1.102</i>	<i>1.047</i>	<i>0.079</i>	<i>0.085</i>	<i>0.083</i>	<i>1.020</i>	<i>1.634</i>	<i>1.559</i>	<i>0.079</i>	
# CCE-02858-C	28.58	26.90	1.27	1.42	2.67	26.44	39.37	37.85	1.93	Carbon Spring Steel
	<i>1.125</i>	<i>1.059</i>	<i>0.050</i>	<i>0.056</i>	<i>0.105</i>	<i>1.041</i>	<i>1.550</i>	<i>1.490</i>	<i>0.076</i>	
# CCE-02858H-C	28.58	26.90	2.36	2.62	2.52	26.31	40.13	38.61	2.31	Carbon Spring Steel
	<i>1.125</i>	<i>1.059</i>	<i>0.093</i>	<i>0.103</i>	<i>0.099</i>	<i>1.036</i>	<i>1.580</i>	<i>1.520</i>	<i>0.091</i>	
CCE-02900-C	29.00	27.60	1.50	1.60	2.10	26.90	39.20	37.20	2.00	Carbon Spring Steel
	<i>1.142</i>	<i>1.087</i>	<i>0.059</i>	<i>0.063</i>	<i>0.083</i>	<i>1.059</i>	<i>1.543</i>	<i>1.465</i>	<i>0.079</i>	
# CCE-02900H-C	29.00	27.60	2.00	2.15	2.10	26.90	42.50	40.60	2.00	Carbon Spring Steel
	<i>1.142</i>	<i>1.087</i>	<i>0.079</i>	<i>0.085</i>	<i>0.083</i>	<i>1.059</i>	<i>1.673</i>	<i>1.598</i>	<i>0.079</i>	
CCE-03000-C	30.00	28.60	1.50	1.60	2.10	27.90	40.50	38.60	2.00	Carbon Spring Steel
	<i>1.181</i>	<i>1.126</i>	<i>0.059</i>	<i>0.063</i>	<i>0.083</i>	<i>1.098</i>	<i>1.594</i>	<i>1.520</i>	<i>0.079</i>	
# CCE-03000H-C	30.00	28.60	2.00	2.15	2.10	27.90	43.50	41.60	2.00	Carbon Spring Steel
	<i>1.181</i>	<i>1.126</i>	<i>0.079</i>	<i>0.085</i>	<i>0.083</i>	<i>1.098</i>	<i>1.713</i>	<i>1.638</i>	<i>0.079</i>	
# CCE-03016-C	30.16	28.40	1.27	1.42	2.82	27.89	40.89	39.12	1.93	Carbon Spring Steel
	<i>1.187</i>	<i>1.118</i>	<i>0.050</i>	<i>0.056</i>	<i>0.111</i>	<i>1.098</i>	<i>1.610</i>	<i>1.540</i>	<i>0.076</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-03018H-C	30.18	28.22	2.36	2.62	2.67	27.61	41.66	39.88	2.31	Carbon Spring Steel
	<i>1.188</i>	<i>1.111</i>	<i>0.093</i>	<i>0.103</i>	<i>0.105</i>	<i>1.087</i>	<i>1.640</i>	<i>1.570</i>	<i>0.091</i>	
# CCE-03100-C	31.00	29.09	1.44 - 1.50	1.60		28.18 - 28.81			2.00	Carbon Spring Steel
	<i>1.220</i>	<i>1.145</i>		<i>0.063</i>					<i>0.079</i>	
# CCE-03175H-C	31.75	29.82	2.36	2.62	2.90	29.21	43.18	41.40	2.31	Carbon Spring Steel
	<i>1.250</i>	<i>1.174</i>	<i>0.093</i>	<i>0.103</i>	<i>0.114</i>	<i>1.150</i>	<i>1.700</i>	<i>1.630</i>	<i>0.091</i>	
CCE-03175-C	31.75	29.87	1.27	1.42	2.97	29.36	42.93	41.15	1.93	Carbon Spring Steel
	<i>1.250</i>	<i>1.176</i>	<i>0.050</i>	<i>0.056</i>	<i>0.117</i>	<i>1.156</i>	<i>1.690</i>	<i>1.620</i>	<i>0.076</i>	
CCE-03200-C	32.00	30.30	1.50	1.60	2.60	29.60	43.00	40.70	2.50	Carbon Spring Steel
	<i>1.260</i>	<i>1.193</i>	<i>0.059</i>	<i>0.063</i>	<i>0.102</i>	<i>1.165</i>	<i>1.693</i>	<i>1.602</i>	<i>0.098</i>	
# CCE-03200H-C	32.00	30.30	2.00	2.15	2.60	29.60	45.50	43.30	2.50	Carbon Spring Steel
	<i>1.260</i>	<i>1.193</i>	<i>0.079</i>	<i>0.085</i>	<i>0.102</i>	<i>1.165</i>	<i>1.791</i>	<i>1.705</i>	<i>0.098</i>	
# CCE-03300-C	33.00	31.30	1.50	1.60	2.60	30.50	44.00	41.70	2.50	Carbon Spring Steel
	<i>1.299</i>	<i>1.232</i>	<i>0.059</i>	<i>0.063</i>	<i>0.102</i>	<i>1.201</i>	<i>1.732</i>	<i>1.642</i>	<i>0.098</i>	
# CCE-03300H-C	33.00	31.30	2.00	2.15	2.50	30.50	46.90	44.70	2.50	Carbon Spring Steel
	<i>1.299</i>	<i>1.232</i>	<i>0.079</i>	<i>0.085</i>	<i>0.098</i>	<i>1.201</i>	<i>1.846</i>	<i>1.760</i>	<i>0.098</i>	

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Circlips - External - Standard - Carbon Steel

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-03332-C	33.33	31.29	1.27	1.42	3.20	30.84	44.45	42.42	1.93	Carbon Spring Steel
	<i>1.312</i>	<i>1.232</i>	<i>0.050</i>	<i>0.056</i>	<i>0.126</i>	<i>1.214</i>	<i>1.750</i>	<i>1.670</i>	<i>0.076</i>	
# CCE-03332H-C	33.33	31.34	2.36	2.62	2.97	30.68	44.96	42.93	2.31	Carbon Spring Steel
	<i>1.312</i>	<i>1.234</i>	<i>0.093</i>	<i>0.103</i>	<i>0.117</i>	<i>1.208</i>	<i>1.770</i>	<i>1.690</i>	<i>0.091</i>	
# CCE-03334-C	33.3	31.3	1.3	1.4		30.8				Carbon Spring Steel
	<i>1.311</i>	<i>1.232</i>	<i>0.051</i>	<i>0.055</i>		<i>1.213</i>				
CCE-03400-C	34.00	32.30	1.50	1.60	2.60	31.50	45.40	43.10	2.50	Carbon Spring Steel
	<i>1.339</i>	<i>1.272</i>	<i>0.059</i>	<i>0.063</i>	<i>0.102</i>	<i>1.240</i>	<i>1.787</i>	<i>1.697</i>	<i>0.098</i>	
# CCE-03400H-C	34.00	32.30	2.50	2.65	2.60	31.50	47.90	45.70	2.50	Carbon Spring Steel
	<i>1.339</i>	<i>1.272</i>	<i>0.098</i>	<i>0.104</i>	<i>0.102</i>	<i>1.240</i>	<i>1.886</i>	<i>1.799</i>	<i>0.098</i>	
# CCE-03493-C	34.93	32.79	1.27	1.42	3.35	32.31	45.72	43.69	1.93	Carbon Spring Steel
	<i>1.375</i>	<i>1.291</i>	<i>0.050</i>	<i>0.056</i>	<i>0.132</i>	<i>1.272</i>	<i>1.800</i>	<i>1.720</i>	<i>0.076</i>	
# CCE-03493H-C	34.93	32.79	2.36	2.62	3.20	32.21	46.48	44.45	2.31	Carbon Spring Steel
	<i>1.375</i>	<i>1.291</i>	<i>0.093</i>	<i>0.103</i>	<i>0.126</i>	<i>1.268</i>	<i>1.830</i>	<i>1.750</i>	<i>0.091</i>	
CCE-03500-C	35.00	33.00	1.50	1.60	3.00	32.20	46.80	44.20	2.50	Carbon Spring Steel
	<i>1.378</i>	<i>1.299</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.268</i>	<i>1.843</i>	<i>1.740</i>	<i>0.098</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-03500H-C	35.00	33.00	2.50	2.65	3.00	32.20	48.90	46.40	2.50	Carbon Spring Steel
	<i>1.378</i>	<i>1.299</i>	<i>0.098</i>	<i>0.104</i>	<i>0.118</i>	<i>1.268</i>	<i>1.925</i>	<i>1.827</i>	<i>0.098</i>	
# CCE-03600H-C	36.00	33.80	2.50	2.65	3.30	33.00	49.90	47.20	2.50	Carbon Spring Steel
	<i>1.417</i>	<i>1.331</i>	<i>0.098</i>	<i>0.104</i>	<i>0.130</i>	<i>1.299</i>	<i>1.965</i>	<i>1.858</i>	<i>0.098</i>	
CCE-03600-C	36.00	34.00	1.75	1.85	3.00	33.20	47.80	45.20	2.50	Carbon Spring Steel
	<i>1.417</i>	<i>1.339</i>	<i>0.069</i>	<i>0.073</i>	<i>0.118</i>	<i>1.307</i>	<i>1.882</i>	<i>1.780</i>	<i>0.098</i>	
# CCE-03651-C	36.5	34.3	1.3	1.4		33.9				Carbon Spring Steel
	<i>1.437</i>	<i>1.350</i>	<i>0.051</i>	<i>0.055</i>		<i>1.335</i>				
# CCE-03653-C	36.53	34.29	1.27	1.42	3.51	33.86	47.50	45.47	1.93	Carbon Spring Steel
	<i>1.438</i>	<i>1.350</i>	<i>0.050</i>	<i>0.056</i>	<i>0.138</i>	<i>1.333</i>	<i>1.870</i>	<i>1.790</i>	<i>0.076</i>	
# CCE-03700-C	37.00	35.00	1.75	1.85	3.00	34.20	46.60	49.20	2.50	Carbon Spring Steel
	<i>1.457</i>	<i>1.378</i>	<i>0.069</i>	<i>0.073</i>	<i>0.118</i>	<i>1.346</i>	<i>1.835</i>	<i>1.937</i>	<i>0.098</i>	
CCE-03800-C	38.00	36.00	1.75	1.85	3.00	35.20	50.20	47.60	2.50	Carbon Spring Steel
	<i>1.496</i>	<i>1.417</i>	<i>0.069</i>	<i>0.073</i>	<i>0.118</i>	<i>1.386</i>	<i>1.976</i>	<i>1.874</i>	<i>0.098</i>	
# CCE-03800H-C	38.00	36.00	2.50	2.65	3.00	35.20	52.10	49.60	2.50	Carbon Spring Steel
	<i>1.496</i>	<i>1.417</i>	<i>0.098</i>	<i>0.104</i>	<i>0.118</i>	<i>1.386</i>	<i>2.051</i>	<i>1.953</i>	<i>0.098</i>	

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Circlips - External - Standard - Carbon Steel

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# CCE-03810-C	38.10 <i>1.500</i>	35.71 <i>1.406</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.73 <i>0.147</i>	35.23 <i>1.387</i>	50.55 <i>1.990</i>	48.26 <i>1.900</i>	3.00 <i>0.118</i>	Carbon Spring Steel
# CCE-03810H-C	38.10 <i>1.500</i>	35.71 <i>1.406</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	3.58 <i>0.141</i>	35.05 <i>1.380</i>	49.28 <i>1.940</i>	46.74 <i>1.840</i>	2.72 <i>0.107</i>	Carbon Spring Steel
# CCE-03900-C	39.00 <i>1.535</i>	36.75 <i>1.447</i>	1.69 - 1.75	1.85 <i>0.073</i>		35.50 - 36.25			2.50 <i>0.098</i>	Carbon Spring Steel
# CCE-03967-C	39.68 <i>1.562</i>	37.29 <i>1.468</i>	1.58 <i>0.062</i>	1.73 <i>0.068</i>	3.76 <i>0.148</i>	36.73 <i>1.446</i>	49.53 <i>1.950</i>	46.99 <i>1.850</i>	2.54 <i>0.100</i>	Carbon Spring Steel
# CCE-03967H-C	39.68 <i>1.562</i>	37.29 <i>1.468</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	3.58 <i>0.141</i>	36.50 <i>1.437</i>	50.80 <i>2.000</i>	48.26 <i>1.900</i>	2.49 <i>0.098</i>	Carbon Spring Steel
# CCE-03969-C	39.7 <i>1.563</i>	37.3 <i>1.469</i>	1.6 <i>0.063</i>	1.7 <i>0.067</i>		36.7 <i>1.445</i>				Carbon Spring Steel
CCE-04000-C	40.00 <i>1.575</i>	37.50 <i>1.476</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	36.50 <i>1.437</i>	52.60 <i>2.071</i>	49.50 <i>1.949</i>	2.50 <i>0.098</i>	Carbon Spring Steel
# CCE-04000H-C	40.00 <i>1.575</i>	37.50 <i>1.476</i>	2.50 <i>0.098</i>	2.65 <i>0.104</i>	3.80 <i>0.150</i>	36.50 <i>1.437</i>	55.00 <i>2.165</i>	51.50 <i>2.028</i>	2.50 <i>0.098</i>	Carbon Spring Steel

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-04100-C	41.00	38.50	1.75	1.85	3.80	37.50	50.50	53.70	2.50	Carbon Spring Steel
	<i>1.614</i>	<i>1.516</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.476</i>	<i>1.988</i>	<i>2.114</i>	<i>0.098</i>	
# CCE-04128-C	41.28	38.84	1.57	1.73	3.84	38.18	55.12	52.83	2.54	Carbon Spring Steel
	<i>1.625</i>	<i>1.529</i>	<i>0.062</i>	<i>0.068</i>	<i>0.151</i>	<i>1.503</i>	<i>2.170</i>	<i>2.080</i>	<i>0.100</i>	
CCE-04200-C	42.00	39.50	1.75	1.85	3.80	38.50	55.70	52.50	2.50	Carbon Spring Steel
	<i>1.654</i>	<i>1.555</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.516</i>	<i>2.193</i>	<i>2.067</i>	<i>0.098</i>	
# CCE-04200H-C	42.00	39.50	2.50	2.65	3.80	38.50	57.40	53.90	2.50	Carbon Spring Steel
	<i>1.654</i>	<i>1.555</i>	<i>0.098</i>	<i>0.104</i>	<i>0.150</i>	<i>1.516</i>	<i>2.260</i>	<i>2.122</i>	<i>0.098</i>	
# CCE-04286-C	42.9	40.4	1.6	1.7		39.6				Carbon Spring Steel
	<i>1.689</i>	<i>1.591</i>	<i>0.063</i>	<i>0.067</i>		<i>1.559</i>				
# CCE-04288-C	42.88	40.36	1.58	1.73	3.96	39.62	51.82	49.53	2.54	Carbon Spring Steel
	<i>1.688</i>	<i>1.589</i>	<i>0.062</i>	<i>0.068</i>	<i>0.156</i>	<i>1.560</i>	<i>2.040</i>	<i>1.950</i>	<i>0.100</i>	
CCE-04400-C	44.00	41.50	1.75	1.85	3.80	40.50	54.90	58.10	2.50	Carbon Spring Steel
	<i>1.732</i>	<i>1.634</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.594</i>	<i>2.161</i>	<i>2.287</i>	<i>0.098</i>	
# CCE-04445-C	44.45	41.91	1.57	1.73	3.99	41.10	53.59	51.05	2.54	Carbon Spring Steel
	<i>1.750</i>	<i>1.650</i>	<i>0.062</i>	<i>0.068</i>	<i>0.157</i>	<i>1.618</i>	<i>2.110</i>	<i>2.010</i>	<i>0.100</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-04445H-C	44.45	41.91	2.77	3.05	3.81	40.84	55.37	52.83	2.49	Carbon Spring Steel
	<i>1.750</i>	<i>1.650</i>	<i>0.109</i>	<i>0.120</i>	<i>0.150</i>	<i>1.608</i>	<i>2.180</i>	<i>2.080</i>	<i>0.098</i>	
CCE-04500-C	45.00	42.50	1.75	1.85	3.80	41.50	59.10	55.90	2.50	Carbon Spring Steel
	<i>1.772</i>	<i>1.673</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.634</i>	<i>2.327</i>	<i>2.201</i>	<i>0.098</i>	
# CCE-04500H-C	45.00	42.50	2.50	2.65	3.80	41.50	61.00	57.50	2.50	Carbon Spring Steel
	<i>1.772</i>	<i>1.673</i>	<i>0.098</i>	<i>0.104</i>	<i>0.150</i>	<i>1.634</i>	<i>2.402</i>	<i>2.264</i>	<i>0.098</i>	
# CCE-04501-C	45.01	42.39	1.57	1.73	4.12	41.58	55.63	53.09	2.54	Carbon Spring Steel
	<i>1.772</i>	<i>1.669</i>	<i>0.062</i>	<i>0.068</i>	<i>0.162</i>	<i>1.637</i>	<i>2.190</i>	<i>2.090</i>	<i>0.100</i>	
# CCE-04600-C	46.00	43.50	1.75	1.85	3.80	42.50	60.10	56.90	2.50	Carbon Spring Steel
	<i>1.811</i>	<i>1.713</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.673</i>	<i>2.366</i>	<i>2.240</i>	<i>0.098</i>	
# CCE-04602-C	46.03	43.38	1.58	1.73	4.14	42.55	56.64	54.10	2.54	Carbon Spring Steel
	<i>1.812</i>	<i>1.708</i>	<i>0.062</i>	<i>0.068</i>	<i>0.163</i>	<i>1.675</i>	<i>2.230</i>	<i>2.130</i>	<i>0.100</i>	
# CCE-04604-C	46.0	43.4	1.6	1.7		42.6				Carbon Spring Steel
	<i>1.811</i>	<i>1.709</i>	<i>0.063</i>	<i>0.067</i>		<i>1.677</i>				
CCE-04700-C	47.00	44.50	1.75	1.85	3.80	43.50	61.30	58.10	2.50	Carbon Spring Steel
	<i>1.850</i>	<i>1.752</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.713</i>	<i>2.413</i>	<i>2.287</i>	<i>0.098</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-04763-C	47.63	44.93	1.57	1.73	4.22	44.07	58.17	55.63	2.54	Carbon Spring Steel
	<i>1.875</i>	<i>1.769</i>	<i>0.062</i>	<i>0.068</i>	<i>0.166</i>	<i>1.735</i>	<i>2.290</i>	<i>2.190</i>	<i>0.100</i>	
CCE-04800-C	48.00	45.50	1.75	1.85	3.80	44.50	62.50	59.30	2.50	Carbon Spring Steel
	<i>1.890</i>	<i>1.791</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.752</i>	<i>2.461</i>	<i>2.335</i>	<i>0.098</i>	
# CCE-04800H-C	48.00	45.50	2.50	2.65	3.80	44.50	64.60	61.10	2.50	Carbon Spring Steel
	<i>1.890</i>	<i>1.791</i>	<i>0.098</i>	<i>0.104</i>	<i>0.150</i>	<i>1.752</i>	<i>2.543</i>	<i>2.406</i>	<i>0.098</i>	
# CCE-04923H-C	49.23	46.38	3.18	3.53	4.52	45.26	62.74	59.94	3.12	Carbon Spring Steel
	<i>1.938</i>	<i>1.826</i>	<i>0.125</i>	<i>0.139</i>	<i>0.178</i>	<i>1.782</i>	<i>2.470</i>	<i>2.360</i>	<i>0.123</i>	
# CCE-04999-C	49.99	47.17	1.58	1.73	4.42	46.20	60.71	57.66	3.12	Carbon Spring Steel
	<i>1.968</i>	<i>1.857</i>	<i>0.062</i>	<i>0.068</i>	<i>0.174</i>	<i>1.819</i>	<i>2.390</i>	<i>2.270</i>	<i>0.123</i>	
CCE-05000-C	50.00	47.00	2.00	2.15	4.50	45.80	64.50	60.80	2.50	Carbon Spring Steel
	<i>1.969</i>	<i>1.850</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>1.803</i>	<i>2.539</i>	<i>2.394</i>	<i>0.098</i>	
# CCE-05000H-C	50.00	47.00	3.00	3.15	4.50	45.80	67.00	63.00	2.50	Carbon Spring Steel
	<i>1.969</i>	<i>1.850</i>	<i>0.118</i>	<i>0.124</i>	<i>0.177</i>	<i>1.803</i>	<i>2.638</i>	<i>2.480</i>	<i>0.098</i>	
# CCE-05001-C	50.0	47.2	1.6	1.7		46.2				Carbon Spring Steel
	<i>1.969</i>	<i>1.858</i>	<i>0.063</i>	<i>0.067</i>		<i>1.819</i>				

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Circlips - External - Standard - Carbon Steel

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-05080H-C	50.80	47.75	3.18	3.53	4.57	46.74	64.26	61.21	3.12	Carbon Spring Steel
	<i>2.000</i>	<i>1.880</i>	<i>0.125</i>	<i>0.139</i>	<i>0.180</i>	<i>1.840</i>	<i>2.530</i>	<i>2.410</i>	<i>0.123</i>	
# CCE-05080-C	50.80	47.90	1.57	1.73	4.52	46.99	62.99	59.94	3.12	Carbon Spring Steel
	<i>2.000</i>	<i>1.886</i>	<i>0.062</i>	<i>0.068</i>	<i>0.178</i>	<i>1.850</i>	<i>2.480</i>	<i>2.360</i>	<i>0.123</i>	
CCE-05200-C	52.00	49.00	2.00	2.15	4.50	47.80	66.70	63.00	2.50	Carbon Spring Steel
	<i>2.047</i>	<i>1.929</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>1.882</i>	<i>2.626</i>	<i>2.480</i>	<i>0.098</i>	
# CCE-05200H-C	52.00	49.00	3.00	3.15	4.50	47.80	69.40	65.40	2.50	Carbon Spring Steel
	<i>2.047</i>	<i>1.929</i>	<i>0.118</i>	<i>0.124</i>	<i>0.177</i>	<i>1.882</i>	<i>2.732</i>	<i>2.575</i>	<i>0.098</i>	
# CCE-05237-C	52.38	49.43	1.98	2.18	4.65	48.41	64.01	60.96	3.12	Carbon Spring Steel
	<i>2.062</i>	<i>1.946</i>	<i>0.078</i>	<i>0.086</i>	<i>0.183</i>	<i>1.906</i>	<i>2.520</i>	<i>2.400</i>	<i>0.123</i>	
# CCE-05239-C	52.4	49.4	2.0	2.2		48.4				Carbon Spring Steel
	<i>2.063</i>	<i>1.945</i>	<i>0.079</i>	<i>0.087</i>		<i>1.906</i>				
CCE-05398-C	53.98	50.88	1.98	2.18	4.88	49.89	66.29	62.99	3.12	Carbon Spring Steel
	<i>2.125</i>	<i>2.003</i>	<i>0.078</i>	<i>0.086</i>	<i>0.192</i>	<i>1.964</i>	<i>2.610</i>	<i>2.480</i>	<i>0.123</i>	
CCE-05400-C	54.00	51.00	2.00	2.15	4.50	49.80	69.00	65.20	2.50	Carbon Spring Steel
	<i>2.126</i>	<i>2.008</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>1.961</i>	<i>2.717</i>	<i>2.567</i>	<i>0.098</i>	

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Circlips - External - Standard - Carbon Steel

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-05476-C	54.76	51.61	1.98	2.18	4.95	50.62	66.55	63.25	3.12	Carbon Spring Steel
	<i>2.156</i>	<i>2.032</i>	<i>0.078</i>	<i>0.086</i>	<i>0.195</i>	<i>1.993</i>	<i>2.620</i>	<i>2.490</i>	<i>0.123</i>	
# CCE-05477-C	54.8	51.6	2.0	2.2		50.6				Carbon Spring Steel
	<i>2.157</i>	<i>2.031</i>	<i>0.079</i>	<i>0.087</i>		<i>1.992</i>				
CCE-05500-C	55.00	52.00	2.00	2.15	4.50	50.80	70.20	66.40	2.50	Carbon Spring Steel
	<i>2.165</i>	<i>2.047</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.000</i>	<i>2.764</i>	<i>2.614</i>	<i>0.098</i>	
# CCE-05500H-C	55.00	52.00	3.00	3.15	4.50	50.80	73.00	69.00	2.50	Carbon Spring Steel
	<i>2.165</i>	<i>2.047</i>	<i>0.118</i>	<i>0.124</i>	<i>0.177</i>	<i>2.000</i>	<i>2.874</i>	<i>2.717</i>	<i>0.098</i>	
# CCE-05600-C	56.00	53.00	2.00	2.15	4.50	51.80	71.60	67.60	2.50	Carbon Spring Steel
	<i>2.205</i>	<i>2.087</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.039</i>	<i>2.819</i>	<i>2.661</i>	<i>0.098</i>	
CCE-05700-C	57.00	54.00	2.00	2.15	4.50	52.80	68.60	72.60	2.50	Carbon Spring Steel
	<i>2.244</i>	<i>2.126</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.079</i>	<i>2.701</i>	<i>2.858</i>	<i>0.098</i>	
# CCE-05715-C	57.15	53.85	1.98	2.18	5.18	52.86	72.90	69.60	3.12	Carbon Spring Steel
	<i>2.250</i>	<i>2.120</i>	<i>0.078</i>	<i>0.086</i>	<i>0.204</i>	<i>2.081</i>	<i>2.870</i>	<i>2.740</i>	<i>0.123</i>	
CCE-05800-C	58.00	55.00	2.00	2.15	4.50	53.80	73.60	69.60	2.50	Carbon Spring Steel
	<i>2.283</i>	<i>2.165</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.118</i>	<i>2.898</i>	<i>2.740</i>	<i>0.098</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-05800H-C	58.00	55.00	3.00	3.15	4.50	53.80	76.60	72.60	2.50	Carbon Spring Steel
	<i>2.283</i>	<i>2.165</i>	<i>0.118</i>	<i>0.124</i>	<i>0.177</i>	<i>2.118</i>	<i>3.016</i>	<i>2.858</i>	<i>0.098</i>	
CCE-05874-C	58.74	55.32	1.98	2.18	5.33	54.33	74.68	71.37	3.12	Carbon Spring Steel
	<i>2.313</i>	<i>2.178</i>	<i>0.078</i>	<i>0.086</i>	<i>0.210</i>	<i>2.139</i>	<i>2.940</i>	<i>2.810</i>	<i>0.123</i>	
CCE-06000-C	60.00	57.00	2.00	2.15	4.50	55.80	75.60	71.80	2.50	Carbon Spring Steel
	<i>2.362</i>	<i>2.244</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.197</i>	<i>2.976</i>	<i>2.827</i>	<i>0.098</i>	
# CCE-06000H-C	60.00	57.00	3.00	3.15	4.50	55.80	79.00	75.00	2.50	Carbon Spring Steel
	<i>2.362</i>	<i>2.244</i>	<i>0.118</i>	<i>0.124</i>	<i>0.177</i>	<i>2.197</i>	<i>3.110</i>	<i>2.953</i>	<i>0.098</i>	
# CCE-06033-C	60.33	56.87	1.98	2.18	5.41	55.80	72.64	69.09	3.12	Carbon Spring Steel
	<i>2.375</i>	<i>2.239</i>	<i>0.078</i>	<i>0.086</i>	<i>0.213</i>	<i>2.197</i>	<i>2.860</i>	<i>2.720</i>	<i>0.123</i>	
# CCE-06191-C	61.9	58.4	2.0	2.2		57.3				Carbon Spring Steel
	<i>2.437</i>	<i>2.299</i>	<i>0.079</i>	<i>0.087</i>		<i>2.256</i>				
# CCE-06200-C	62.00	59.00	2.00	2.15	4.50	57.80	77.80	74.00	2.50	Carbon Spring Steel
	<i>2.441</i>	<i>2.323</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.276</i>	<i>3.063</i>	<i>2.913</i>	<i>0.098</i>	
CCE-06300-C	63.00	60.00	2.00	2.15	4.50	58.80	79.00	75.20	2.50	Carbon Spring Steel
	<i>2.480</i>	<i>2.362</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.315</i>	<i>3.110</i>	<i>2.961</i>	<i>0.098</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-06350-C	63.50	59.94	1.98	2.18	5.56	58.75	75.69	72.14	3.12	Carbon Spring Steel
	<i>2.500</i>	<i>2.360</i>	<i>0.078</i>	<i>0.086</i>	<i>0.219</i>	<i>2.313</i>	<i>2.980</i>	<i>2.840</i>	<i>0.123</i>	
# CCE-06400-C	64.00	61.70 - 61.00	1.93 - 2.00	2.150	4.500	58.70 - 60.26	80.200	76.400	2.500	Carbon Spring Steel
	<i>2.520</i>			<i>0.085</i>	<i>0.177</i>		<i>3.157</i>	<i>3.008</i>	<i>0.098</i>	
CCE-06499-C	64.99	61.44	1.98	2.18	5.56	60.38	74.68	78.49	3.12	Carbon Spring Steel
	<i>2.559</i>	<i>2.419</i>	<i>0.078</i>	<i>0.086</i>	<i>0.219</i>	<i>2.377</i>	<i>2.940</i>	<i>3.090</i>	<i>0.123</i>	
# CCE-06500-LD-C	65.00	61.44	1.98	2.18	5.56	60.38	78.49	74.68	3.12	Carbon Spring Steel
	<i>2.559</i>	<i>2.419</i>	<i>0.078</i>	<i>0.086</i>	<i>0.219</i>	<i>2.377</i>	<i>3.090</i>	<i>2.940</i>	<i>0.123</i>	
CCE-06500-C	65.00	62.00	2.50	2.65	4.50	60.80	81.40	77.60	3.00	Carbon Spring Steel
	<i>2.559</i>	<i>2.441</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.394</i>	<i>3.205</i>	<i>3.055</i>	<i>0.118</i>	
# CCE-06500H-C	65.00	62.00	4.00	4.15	4.50	60.80	84.60	80.60	3.00	Carbon Spring Steel
	<i>2.559</i>	<i>2.441</i>	<i>0.157</i>	<i>0.163</i>	<i>0.177</i>	<i>2.394</i>	<i>3.331</i>	<i>3.173</i>	<i>0.118</i>	
# CCE-06668-C	66.68	63.02	1.98	2.18	5.72	61.67	78.99	75.18	3.12	Carbon Spring Steel
	<i>2.625</i>	<i>2.481</i>	<i>0.078</i>	<i>0.086</i>	<i>0.225</i>	<i>2.428</i>	<i>3.110</i>	<i>2.960</i>	<i>0.123</i>	
# CCE-06700-C	67.00	63.70	2.43 - 2.50	2.65	4.50	61.40 - 62.96	79.80	83.60	3.00	Carbon Spring Steel
	<i>2.638</i>	<i>2.508</i>		<i>0.104</i>	<i>0.177</i>		<i>3.142</i>	<i>3.291</i>	<i>0.118</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-06800-C	68.00	65.00	2.50	2.65	4.50	63.50	81.00	84.40	3.00	Carbon Spring Steel
	<i>2.677</i>	<i>2.559</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.500</i>	<i>3.189</i>	<i>3.323</i>	<i>0.118</i>	
# CCE-06826-C	68.3	89.9	2.0	2.2		63.1				Carbon Spring Steel
	<i>2.689</i>	<i>3.539</i>	<i>0.079</i>	<i>0.087</i>		<i>2.484</i>				
# CCE-06828-C	68.28	64.54	1.98	2.18	5.84	63.12	84.33	80.77	3.12	Carbon Spring Steel
	<i>2.688</i>	<i>2.541</i>	<i>0.078</i>	<i>0.086</i>	<i>0.230</i>	<i>2.485</i>	<i>3.320</i>	<i>3.180</i>	<i>0.123</i>	
# CCE-06985-C	69.85	66.09	2.36	2.62	5.87	64.59	84.58	80.77	3.12	Carbon Spring Steel
	<i>2.750</i>	<i>2.602</i>	<i>0.093</i>	<i>0.103</i>	<i>0.231</i>	<i>2.543</i>	<i>3.330</i>	<i>3.180</i>	<i>0.123</i>	
CCE-07000-C	70.00	67.00	2.50	2.65	4.50	65.50	83.20	87.00	3.00	Carbon Spring Steel
	<i>2.756</i>	<i>2.638</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.579</i>	<i>3.276</i>	<i>3.425</i>	<i>0.118</i>	
# CCE-07000H-C	70.00	67.00	4.00	4.15	4.50	65.50	90.00	86.00	3.00	Carbon Spring Steel
	<i>2.756</i>	<i>2.638</i>	<i>0.157</i>	<i>0.163</i>	<i>0.177</i>	<i>2.579</i>	<i>3.543</i>	<i>3.386</i>	<i>0.118</i>	
CCE-07200-C	72.00	69.00	2.50	2.67	4.50	67.50	85.40	89.20	3.00	Carbon Spring Steel
	<i>2.835</i>	<i>2.717</i>	<i>0.098</i>	<i>0.105</i>	<i>0.177</i>	<i>2.657</i>	<i>3.362</i>	<i>3.512</i>	<i>0.118</i>	
# CCE-07303-C	73.03	69.11	2.36	2.62	6.10	67.54	86.87	82.80	3.12	Carbon Spring Steel
	<i>2.875</i>	<i>2.721</i>	<i>0.093</i>	<i>0.103</i>	<i>0.240</i>	<i>2.659</i>	<i>3.420</i>	<i>3.260</i>	<i>0.123</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-07461-C	74.6	70.6	2.4	2.6		69.0				Carbon Spring Steel
	<i>2.937</i>	<i>2.780</i>	<i>0.094</i>	<i>0.102</i>		<i>2.717</i>				
# CCE-07463-C	74.63	70.59	2.36	2.62	6.27	69.01	88.65	84.33	3.12	Carbon Spring Steel
	<i>2.938</i>	<i>2.779</i>	<i>0.093</i>	<i>0.103</i>	<i>0.247</i>	<i>2.717</i>	<i>3.490</i>	<i>3.320</i>	<i>0.123</i>	
CCE-07500-C	75.00	72.00	2.50	2.65		70.50		92.80	3.00	Carbon Spring Steel
	<i>2.953</i>	<i>2.835</i>	<i>0.098</i>	<i>0.104</i>		<i>2.776</i>		<i>3.654</i>	<i>0.118</i>	
# CCE-07500H-C	75.00	72.00	4.00	4.15	4.50	70.50	95.40	91.40	3.00	Carbon Spring Steel
	<i>2.953</i>	<i>2.835</i>	<i>0.157</i>	<i>0.163</i>	<i>0.177</i>	<i>2.776</i>	<i>3.756</i>	<i>3.598</i>	<i>0.118</i>	
# CCE-07620-C	76.20	72.09	2.36	2.62	6.40	70.49	90.17	85.85	3.12	Carbon Spring Steel
	<i>3.000</i>	<i>2.838</i>	<i>0.093</i>	<i>0.103</i>	<i>0.252</i>	<i>2.775</i>	<i>3.550</i>	<i>3.380</i>	<i>0.123</i>	
# CCE-07700-C	77.00	73.70	2.43 - 2.50	2.65	4.50	71.40 - 72.96	91.00	94.90	3.00	Carbon Spring Steel
	<i>3.031</i>	<i>2.902</i>		<i>0.104</i>	<i>0.177</i>		<i>3.583</i>	<i>3.736</i>	<i>0.118</i>	
# CCE-07777-C	77.78	73.61	2.36	2.62	6.48	71.93	91.69	87.38	3.12	Carbon Spring Steel
	<i>3.062</i>	<i>2.898</i>	<i>0.093</i>	<i>0.103</i>	<i>0.255</i>	<i>2.832</i>	<i>3.610</i>	<i>3.440</i>	<i>0.123</i>	
# CCE-07779-C	77.8	73.6	2.4	2.6		73.0				Carbon Spring Steel
	<i>3.063</i>	<i>2.898</i>	<i>0.094</i>	<i>0.102</i>		<i>2.874</i>				

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-07800-C	78.00	74.70	2.43 - 2.50	2.65	4.50	72.40 - 73.96	92.20	96.10	3.00	Carbon Spring Steel
	<i>3.071</i>	<i>2.941</i>		<i>0.104</i>	<i>0.177</i>		<i>3.630</i>	<i>3.783</i>	<i>0.118</i>	
# CCE-07938-C	79.38	75.11	2.36	2.62	6.63	73.46	95.25	90.68	3.12	Carbon Spring Steel
	<i>3.125</i>	<i>2.957</i>	<i>0.093</i>	<i>0.103</i>	<i>0.261</i>	<i>2.892</i>	<i>3.750</i>	<i>3.570</i>	<i>0.123</i>	
CCE-08000-C	80.00	76.50	2.50	2.65	5.30	74.50	93.70	98.10	3.00	Carbon Spring Steel
	<i>3.150</i>	<i>3.012</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>2.933</i>	<i>3.689</i>	<i>3.862</i>	<i>0.118</i>	
# CCE-08000H-C	80.00	76.50	4.00	4.15	5.30	74.50	100.60	96.10	3.00	Carbon Spring Steel
	<i>3.150</i>	<i>3.012</i>	<i>0.157</i>	<i>0.163</i>	<i>0.209</i>	<i>2.933</i>	<i>3.961</i>	<i>3.783</i>	<i>0.118</i>	
# CCE-08016-C	80.16	75.84	2.36	2.62	6.71	74.17	95.00	90.42	3.12	Carbon Spring Steel
	<i>3.156</i>	<i>2.986</i>	<i>0.093</i>	<i>0.103</i>	<i>0.264</i>	<i>2.920</i>	<i>3.740</i>	<i>3.560</i>	<i>0.123</i>	
# CCE-08017-C	80.2	75.8	2.4	2.6		74.2				Carbon Spring Steel
	<i>3.157</i>	<i>2.984</i>	<i>0.094</i>	<i>0.102</i>		<i>2.921</i>				
CCE-08200-C	82.00	78.50	2.50	2.65	5.30	76.50	95.90	100.30	3.00	Carbon Spring Steel
	<i>3.228</i>	<i>3.091</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>3.012</i>	<i>3.776</i>	<i>3.949</i>	<i>0.118</i>	
# CCE-08255-C	82.55	78.13	2.36	2.62	6.86	76.35	97.28	92.71	3.12	Carbon Spring Steel
	<i>3.250</i>	<i>3.076</i>	<i>0.093</i>	<i>0.103</i>	<i>0.270</i>	<i>3.006</i>	<i>3.830</i>	<i>3.650</i>	<i>0.123</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-08493-C	84.9	80.4	2.4	2.6		78.5				Carbon Spring Steel
	<i>3.343</i>	<i>3.165</i>	<i>0.094</i>	<i>0.102</i>		<i>3.091</i>				
# CCE-08499-C	84.99	80.42	2.36	2.62	7.09	78.54	99.82	95.00	3.12	Carbon Spring Steel
	<i>3.346</i>	<i>3.166</i>	<i>0.093</i>	<i>0.103</i>	<i>0.279</i>	<i>3.092</i>	<i>3.930</i>	<i>3.740</i>	<i>0.123</i>	
CCE-08500-C	85.00	81.50	3.00	3.15	5.30	79.50	98.90	103.30	3.50	Carbon Spring Steel
	<i>3.346</i>	<i>3.209</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.130</i>	<i>3.894</i>	<i>4.067</i>	<i>0.138</i>	
# CCE-08500H-C	85.00	81.50	4.00	4.15	5.30	79.50	106.00	101.50	3.50	Carbon Spring Steel
	<i>3.346</i>	<i>3.209</i>	<i>0.157</i>	<i>0.163</i>	<i>0.209</i>	<i>3.130</i>	<i>4.173</i>	<i>3.996</i>	<i>0.138</i>	
# CCE-08700-C	87.00	83.15	2.92 - 3.00	3.15		80.20 - 82.04			3.50	Carbon Spring Steel
	<i>3.425</i>	<i>3.274</i>		<i>0.124</i>					<i>0.138</i>	
# CCE-08731-C	87.31	82.73	2.36	2.62	7.11	80.75	102.11	97.28	3.12	Carbon Spring Steel
	<i>3.437</i>	<i>3.257</i>	<i>0.093</i>	<i>0.103</i>	<i>0.280</i>	<i>3.179</i>	<i>4.020</i>	<i>3.830</i>	<i>0.123</i>	
CCE-08800-C	88.00	84.50	3.00	3.15	5.30	82.50	102.00	106.50	3.50	Carbon Spring Steel
	<i>3.465</i>	<i>3.327</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.248</i>	<i>4.016</i>	<i>4.193</i>	<i>0.138</i>	
# CCE-08890-C	88.90	84.23	2.77	3.05	7.24	82.22	105.41	100.58	3.12	Carbon Spring Steel
	<i>3.500</i>	<i>3.316</i>	<i>0.109</i>	<i>0.120</i>	<i>0.285</i>	<i>3.237</i>	<i>4.150</i>	<i>3.960</i>	<i>0.123</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-08999-C	89.99	85.27	2.77	3.05	7.32	83.24	106.68	101.60	3.12	Carbon Spring Steel
	<i>3.543</i>	<i>3.357</i>	<i>0.109</i>	<i>0.120</i>	<i>0.288</i>	<i>3.277</i>	<i>4.200</i>	<i>4.000</i>	<i>0.123</i>	
CCE-09000-C	90.00	86.50	3.00	3.15		84.50		108.50	3.50	Carbon Spring Steel
	<i>3.543</i>	<i>3.406</i>	<i>0.118</i>	<i>0.124</i>		<i>3.327</i>		<i>4.272</i>	<i>0.138</i>	
# CCE-09000H-C	90.00	86.50	4.00	4.15	5.30	84.50	111.40	106.90	3.50	Carbon Spring Steel
	<i>3.543</i>	<i>3.406</i>	<i>0.157</i>	<i>0.163</i>	<i>0.209</i>	<i>3.327</i>	<i>4.386</i>	<i>4.209</i>	<i>0.138</i>	
# CCE-09200-C	92.00	88.15	2.92 - 3.00	3.15		85.20 - 87.04			3.50	Carbon Spring Steel
	<i>3.622</i>	<i>3.470</i>		<i>0.124</i>					<i>0.138</i>	
# CCE-09208-C	92.08	87.25	2.77	3.05	7.47	85.14	108.71	103.89	3.12	Carbon Spring Steel
	<i>3.625</i>	<i>3.435</i>	<i>0.109</i>	<i>0.120</i>	<i>0.294</i>	<i>3.352</i>	<i>4.280</i>	<i>4.090</i>	<i>0.123</i>	
# CCE-09366-C	93.7	88.7	2.8	3.1		86.6				Carbon Spring Steel
	<i>3.689</i>	<i>3.492</i>	<i>0.110</i>	<i>0.122</i>		<i>3.409</i>				
# CCE-09368-C	93.68	88.72	2.77	3.05	7.65	86.61	109.47	104.39	3.12	Carbon Spring Steel
	<i>3.688</i>	<i>3.493</i>	<i>0.109</i>	<i>0.120</i>	<i>0.301</i>	<i>3.410</i>	<i>4.310</i>	<i>4.110</i>	<i>0.123</i>	
CCE-09500-C	95.00	91.50	3.00	3.15	5.30	89.50	111.00	114.80	3.50	Carbon Spring Steel
	<i>3.740</i>	<i>3.602</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.524</i>	<i>4.370</i>	<i>4.520</i>	<i>0.138</i>	

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	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-09500H-C	95.00	91.50	4.00	4.15	5.30	89.50	116.60	112.10	3.50	Carbon Spring Steel
	<i>3.740</i>	<i>3.602</i>	<i>0.157</i>	<i>0.163</i>	<i>0.209</i>	<i>3.524</i>	<i>4.591</i>	<i>4.413</i>	<i>0.138</i>	
# CCE-09525-C	95.25	90.25	2.77	3.05	7.77	88.09	112.78	107.44	3.12	Carbon Spring Steel
	<i>3.750</i>	<i>3.553</i>	<i>0.109</i>	<i>0.120</i>	<i>0.306</i>	<i>3.468</i>	<i>4.440</i>	<i>4.230</i>	<i>0.123</i>	
# CCE-09700-C	97.00	93.15	2.92 - 3.00	3.15		90.20 - 92.04			3.50	Carbon Spring Steel
	<i>3.819</i>	<i>3.667</i>		<i>0.124</i>					<i>0.138</i>	
# CCE-09800-C	98.00	94.15	2.92 - 3.00	3.15	5.30	90.20 - 92.04	114.00	118.60	3.50	Carbon Spring Steel
	<i>3.858</i>	<i>3.707</i>		<i>0.124</i>	<i>0.209</i>		<i>4.488</i>	<i>4.669</i>	<i>0.138</i>	
# CCE-09843-C	98.43	93.29	2.77	3.05	7.93	91.03	115.82	110.49	3.12	Carbon Spring Steel
	<i>3.875</i>	<i>3.673</i>	<i>0.109</i>	<i>0.120</i>	<i>0.312</i>	<i>3.584</i>	<i>4.560</i>	<i>4.350</i>	<i>0.123</i>	
CCE-10000-C	100.00	96.50	3.00	3.15	5.30	94.50	116.00	120.20	3.50	Carbon Spring Steel
	<i>3.937</i>	<i>3.799</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.720</i>	<i>4.567</i>	<i>4.732</i>	<i>0.138</i>	
# CCE-10000H-C	100.00	96.50	4.00	4.15	5.30	94.50	122.00	117.50	3.50	Carbon Spring Steel
	<i>3.937</i>	<i>3.799</i>	<i>0.157</i>	<i>0.163</i>	<i>0.209</i>	<i>3.720</i>	<i>4.803</i>	<i>4.626</i>	<i>0.138</i>	
# CCE-10001-C	100.01	94.84	2.77	3.05	8.00	92.51	116.84	111.51	3.12	Carbon Spring Steel
	<i>3.937</i>	<i>3.734</i>	<i>0.109</i>	<i>0.120</i>	<i>0.315</i>	<i>3.642</i>	<i>4.600</i>	<i>4.390</i>	<i>0.123</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-10160-C	101.60	96.32	2.77	3.05	8.15	93.98	114.30	199.89	3.12	Carbon Spring Steel
	<i>4.000</i>	<i>3.792</i>	<i>0.109</i>	<i>0.120</i>	<i>0.321</i>	<i>3.700</i>	<i>4.500</i>	<i>7.870</i>	<i>0.123</i>	
# CCE-10200-C	102.00	97.46 - 98.00	3.90 - 4.00	4.150	6.000	93.70 - 95.54	118.000	122.400	3.500	Carbon Spring Steel
	<i>4.016</i>			<i>0.163</i>	<i>0.236</i>		<i>4.646</i>	<i>4.819</i>	<i>0.138</i>	
# CCE-10478-C	104.8	99.6	2.8	3.1		96.5				Carbon Spring Steel
	<i>4.126</i>	<i>3.921</i>	<i>0.110</i>	<i>0.122</i>		<i>3.799</i>				
CCE-10500-C	105.00	101.00	4.00	4.15	6.00	98.00	122.00	126.20	3.50	Carbon Spring Steel
	<i>4.134</i>	<i>3.976</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>3.858</i>	<i>4.803</i>	<i>4.969</i>	<i>0.138</i>	
# CCE-10700-C	107.00	102.46	3.90 - 4.00	4.15		98.70 - 100.54			3.50	Carbon Spring Steel
	<i>4.213</i>	<i>4.034</i>		<i>0.163</i>					<i>0.138</i>	
# CCE-10795-C	107.95	103.25	2.77	3.05	7.29	101.32	119.89	124.71	3.12	Carbon Spring Steel
	<i>4.250</i>	<i>4.065</i>	<i>0.109</i>	<i>0.120</i>	<i>0.287</i>	<i>3.989</i>	<i>4.720</i>	<i>4.910</i>	<i>0.123</i>	
# CCE-10800-C	108.00	103.46	3.90 - 4.00	4.15	6.00	98.70 - 100.54	124.00	129.00	3.50	Carbon Spring Steel
	<i>4.252</i>	<i>4.073</i>		<i>0.163</i>	<i>0.236</i>		<i>4.882</i>	<i>5.079</i>	<i>0.138</i>	
CCE-11000-C	110.00	106.00	4.00	4.15	6.00	103.00	127.00	131.20	3.50	Carbon Spring Steel
	<i>4.331</i>	<i>4.173</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.055</i>	<i>5.000</i>	<i>5.165</i>	<i>0.138</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-11100-C	111.00	105.46 - 106.00	3.90 -4.00	4.150	6.000	101.70 - 103.54	127.000	131.200	3.500	Carbon Spring Steel
	<i>4.370</i>			<i>0.163</i>	<i>0.236</i>		<i>5.000</i>	<i>5.165</i>	<i>0.138</i>	
# CCE-11113-C	111.1	106.4	2.8	3.1		104.3				Carbon Spring Steel
	<i>4.374</i>	<i>4.189</i>	<i>0.110</i>	<i>0.122</i>		<i>4.106</i>				
# CCE-11430-C	114.3	109.5	2.8	3.1		107.3				Carbon Spring Steel
	<i>4.500</i>	<i>4.311</i>	<i>0.110</i>	<i>0.122</i>		<i>4.224</i>				
CCE-11500-C	115.00	111.00	4.00	4.15	6.00	108.00	133.00	137.30	3.50	Carbon Spring Steel
	<i>4.528</i>	<i>4.370</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.252</i>	<i>5.236</i>	<i>5.406</i>	<i>0.138</i>	
CCE-12000-C	120.00	116.00	4.00	4.15	6.00	113.00	138.00	143.10	3.50	Carbon Spring Steel
	<i>4.724</i>	<i>4.567</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.449</i>	<i>5.433</i>	<i>5.634</i>	<i>0.138</i>	
# CCE-12000H-C	120.00	116.00	4.00	4.15		113.00		143.10	3.50	Carbon Spring Steel
	<i>4.724</i>	<i>4.567</i>	<i>0.157</i>	<i>0.163</i>		<i>4.449</i>		<i>5.634</i>	<i>0.138</i>	
# CCE-12065-C	120.65	115.57	2.77	3.05	7.85	113.23	133.60	138.94	3.12	Carbon Spring Steel
	<i>4.750</i>	<i>4.550</i>	<i>0.109</i>	<i>0.120</i>	<i>0.309</i>	<i>4.458</i>	<i>5.260</i>	<i>5.470</i>	<i>0.123</i>	
CCE-12500-C	125.00	121.00	4.00	4.15	6.00	118.00	144.00	149.00	4.00	Carbon Spring Steel
	<i>4.921</i>	<i>4.764</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.646</i>	<i>5.669</i>	<i>5.866</i>	<i>0.157</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-12700N-C	127.0	121.7	2.8	3.1		119.2				Carbon Spring Steel
	<i>5.000</i>	<i>4.791</i>	<i>0.110</i>	<i>0.122</i>		<i>4.693</i>				
# CCE-12700-C	127.00	122.37	3.90 - 4.00	4.15		118.70 - 120.54			3.84	Carbon Spring Steel
	<i>5.000</i>	<i>4.818</i>		<i>0.163</i>					<i>0.151</i>	
# CCE-12800-C	128.00	123.37	3.90 - 4.00	4.15		118.70 - 120.54			4.00	Carbon Spring Steel
	<i>5.039</i>	<i>4.857</i>		<i>0.163</i>					<i>0.157</i>	
# CCE-13000-C	130.00	126.00	4.00	4.15	6.00	123.00	150.00	154.40	4.00	Carbon Spring Steel
	<i>5.118</i>	<i>4.961</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.843</i>	<i>5.906</i>	<i>6.079</i>	<i>0.157</i>	
# CCE-13335-C	133.35	127.76	3.18	3.53	8.61	125.15	151.13	156.97	3.84	Carbon Spring Steel
	<i>5.250</i>	<i>5.030</i>	<i>0.125</i>	<i>0.139</i>	<i>0.339</i>	<i>4.927</i>	<i>5.950</i>	<i>6.180</i>	<i>0.151</i>	
# CCE-13500-C	135.00	130.37	3.90 - 4.00	4.15	6.00	126.50 - 128.63	155.00	159.80	4.00	Carbon Spring Steel
	<i>5.315</i>	<i>5.133</i>		<i>0.163</i>	<i>0.236</i>		<i>6.102</i>	<i>6.291</i>	<i>0.157</i>	
# CCE-13970-C	139.7	133.7	3.2	3.5		131.1				Carbon Spring Steel
	<i>5.500</i>	<i>5.264</i>	<i>0.126</i>	<i>0.138</i>		<i>5.161</i>				
# CCE-14000-C	140.00	136.00	4.00	4.15	6.00	133.00	160.00	165.20	4.00	Carbon Spring Steel
	<i>5.512</i>	<i>5.354</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.236</i>	<i>6.299</i>	<i>6.504</i>	<i>0.157</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-14500-C	145.00	140.37	3.90 - 4.00	4.15	6.00	136.50 - 138.63	166.00	170.60	4.00	Carbon Spring Steel
	<i>5.709</i>	<i>5.526</i>		<i>0.163</i>	<i>0.236</i>		<i>6.535</i>	<i>6.717</i>	<i>0.157</i>	
# CCE-14605-C	146.05	139.83	3.18	3.53	9.60	137.06	163.32	169.67	3.84	Carbon Spring Steel
	<i>5.750</i>	<i>5.505</i>	<i>0.125</i>	<i>0.139</i>	<i>0.378</i>	<i>5.396</i>	<i>6.430</i>	<i>6.680</i>	<i>0.151</i>	
# CCE-14800-C	148.00	143.37	3.90 - 4.00	4.15		138.50 - 140.63			4.00	Carbon Spring Steel
	<i>5.827</i>	<i>5.644</i>		<i>0.163</i>					<i>0.157</i>	
CCE-15000-C	150.00	145.00	4.00	4.15	7.50	142.00	171.00	177.30	4.00	Carbon Spring Steel
	<i>5.906</i>	<i>5.709</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>5.591</i>	<i>6.732</i>	<i>6.980</i>	<i>0.157</i>	
# CCE-15200-C	152.00	146.37 - 147.00	3.90 - 4.00	4.150		141.50 - 143.63			4.000	Carbon Spring Steel
	<i>5.984</i>			<i>0.163</i>					<i>0.157</i>	
# CCE-15240-C	152.40	145.92	3.18	3.53	9.98	143.03	169.42	176.02	3.84	Carbon Spring Steel
	<i>6.000</i>	<i>5.745</i>	<i>0.125</i>	<i>0.139</i>	<i>0.393</i>	<i>5.631</i>	<i>6.670</i>	<i>6.930</i>	<i>0.151</i>	
# CCE-15500-C	155.00	149.37	3.90 - 4.00	4.15	7.50	144.50 - 146.63	176.00	182.30	4.00	Carbon Spring Steel
	<i>6.102</i>	<i>5.881</i>		<i>0.163</i>	<i>0.295</i>		<i>6.929</i>	<i>7.177</i>	<i>0.157</i>	
# CCE-15875-C	158.8	152.0	3.2	4.4		149.0				Carbon Spring Steel
	<i>6.252</i>	<i>5.984</i>	<i>0.126</i>	<i>0.173</i>		<i>5.866</i>				

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
CCE-16000-C	160.00	155.00	4.00	4.15	7.50	151.00	182.00	188.00	4.00	Carbon Spring Steel
	<i>6.299</i>	<i>6.102</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>5.945</i>	<i>7.165</i>	<i>7.402</i>	<i>0.157</i>	
# CCE-16500-C	165.00	159.37	3.90 - 4.00	4.15	7.50	154.00 - 156.13	187.00	193.40	4.00	Carbon Spring Steel
	<i>6.496</i>	<i>6.274</i>		<i>0.163</i>	<i>0.295</i>		<i>7.362</i>	<i>7.614</i>	<i>0.157</i>	
# CCE-16510-C	165.1	158.1	4.0	4.4		154.9				Carbon Spring Steel
	<i>6.500</i>	<i>6.224</i>	<i>0.157</i>	<i>0.173</i>		<i>6.098</i>				
# CCE-16800-C	168.00	161.37 - 162.00	3.90 - 4.00	4.150		156.00 - 158.13			4.000	Carbon Spring Steel
	<i>6.614</i>			<i>0.163</i>					<i>0.157</i>	
# CCE-17000-C	170.00	165.00	4.00	4.15	7.50	160.50	192.00	198.40	4.00	Carbon Spring Steel
	<i>6.693</i>	<i>6.496</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>6.319</i>	<i>7.559</i>	<i>7.811</i>	<i>0.157</i>	
# CCE-17145-C	171.5	164.2	4.0	4.4		160.9				Carbon Spring Steel
	<i>6.752</i>	<i>6.465</i>	<i>0.157</i>	<i>0.173</i>		<i>6.335</i>				
# CCE-17500-C	175.00	169.37	3.90 - 4.00	4.15	7.50	164.00 - 166.13	197.00	203.40	4.00	Carbon Spring Steel
	<i>6.890</i>	<i>6.668</i>		<i>0.163</i>	<i>0.295</i>		<i>7.756</i>	<i>8.008</i>	<i>0.157</i>	
# CCE-17600-C	176.00	170.37 - 171.00	3.90 - 4.00	4.150	7.500	165.00 - 167.13	198.000	204.400	4.000	Carbon Spring Steel
	<i>6.929</i>			<i>0.163</i>	<i>0.295</i>		<i>7.795</i>	<i>8.047</i>	<i>0.157</i>	

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Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-17780-C	177.8	170.3	4.0	4.4		166.9				Carbon Spring Steel
	<i>7.000</i>	<i>6.705</i>	<i>0.157</i>	<i>0.173</i>		<i>6.571</i>				
# CCE-17800-C	178.00	172.37 - 173.00	3.90 - 4.00	4.150	7.500	166.00 - 171.13	200.000	206.400	4.000	Carbon Spring Steel
	<i>7.008</i>			<i>0.163</i>	<i>0.295</i>		<i>7.874</i>	<i>8.126</i>	<i>0.157</i>	
# CCE-18000-C	180.00	175.00	4.00	4.15	7.50	170.50	204.00	210.00	4.00	Carbon Spring Steel
	<i>7.087</i>	<i>6.890</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>6.713</i>	<i>8.031</i>	<i>8.268</i>	<i>0.157</i>	
# CCE-18415-C	184.2	176.3	4.8	5.3		172.1				Carbon Spring Steel
	<i>7.252</i>	<i>6.941</i>	<i>0.189</i>	<i>0.209</i>		<i>6.776</i>				
# CCE-18500-C	185.00	179.37	3.90 - 4.00	4.15	7.50	174.00 - 176.13	209.00	215.20	4.00	Carbon Spring Steel
	<i>7.283</i>	<i>7.062</i>		<i>0.163</i>	<i>0.295</i>		<i>8.228</i>	<i>8.472</i>	<i>0.157</i>	
# CCE-18600-C	186.00	180.37 - 181.00	3.90 - 4.00	4.150	7.500	175.00 - 177.13	210.000	216.200	4.000	Carbon Spring Steel
	<i>7.323</i>			<i>0.163</i>	<i>0.295</i>		<i>8.268</i>	<i>8.512</i>	<i>0.157</i>	
CCE-19000-C	190.00	185.00	4.00	4.15	7.50	180.50	214.00	220.00	4.00	Carbon Spring Steel
	<i>7.480</i>	<i>7.283</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>7.106</i>	<i>8.425</i>	<i>8.661</i>	<i>0.157</i>	
# CCE-19050-C	190.5	182.4	4.8	5.3		178.0				Carbon Spring Steel
	<i>7.500</i>	<i>7.181</i>	<i>0.189</i>	<i>0.209</i>		<i>7.008</i>				

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-19500-C	195.00	189.28 - 190.00	3.90 - 4.00	4.150	7.500	183.80 - 186.22	219.000	225.000	4.000	Carbon Spring Steel
	<i>7.677</i>			<i>0.163</i>	<i>0.295</i>		<i>8.622</i>	<i>8.858</i>	<i>0.157</i>	
# CCE-19685-C	196.9	188.5	4.8	5.3		184.0				Carbon Spring Steel
	<i>7.752</i>	<i>7.421</i>	<i>0.189</i>	<i>0.209</i>		<i>7.244</i>				
# CCE-20000-C	200.00	194.28	3.90 - 4.00	4.15	7.50	188.80 - 191.22	224.00	230.00	4.00	Carbon Spring Steel
	<i>7.874</i>	<i>7.649</i>		<i>0.163</i>	<i>0.295</i>		<i>8.819</i>	<i>9.055</i>	<i>0.157</i>	
# CCE-20320-C	203.20	194.56	4.75	5.31		189.94			4.3	Carbon Spring Steel
	<i>8.000</i>	<i>7.660</i>	<i>0.187</i>	<i>0.209</i>		<i>7.478</i>			<i>0.169</i>	
# CCE-20955-C	209.6	200.7	4.8	5.3		195.9				Carbon Spring Steel
	<i>8.252</i>	<i>7.902</i>	<i>0.189</i>	<i>0.209</i>		<i>7.713</i>				
# CCE-21000-C	210.00	203.28	4.88 - 5.00	5.15	9.00	196.30 - 198.72	233.00	240.00	4.00	Carbon Spring Steel
	<i>8.268</i>	<i>8.003</i>		<i>0.203</i>	<i>0.354</i>		<i>9.173</i>	<i>9.449</i>	<i>0.157</i>	
# CCE-21500-C	215.00	208.28	4.88 - 5.00	5.15		201.30 - 203.72			4.00	Carbon Spring Steel
	<i>8.465</i>	<i>8.200</i>		<i>0.203</i>					<i>0.157</i>	
# CCE-21590-C	215.9	206.8	4.8	5.3		201.9				Carbon Spring Steel
	<i>8.500</i>	<i>8.142</i>	<i>0.189</i>	<i>0.209</i>		<i>7.949</i>				

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-22000-C	220.00	214.00	5.00	5.15	9.00	208.00	243.00	250.00	4.00	Carbon Spring Steel
	<i>8.661</i>	<i>8.425</i>	<i>0.197</i>	<i>0.203</i>	<i>0.354</i>	<i>8.189</i>	<i>9.567</i>	<i>9.843</i>	<i>0.157</i>	
# CCE-22225-C	222.3	212.9	4.8	5.3		207.8				Carbon Spring Steel
	<i>8.752</i>	<i>8.382</i>	<i>0.189</i>	<i>0.209</i>		<i>8.181</i>				
# CCE-22500-C	225.00	218.28 - 219.00	4.88 - 5.00	5.150		211.30 - 213.72			4.000	Carbon Spring Steel
	<i>8.858</i>			<i>0.203</i>					<i>0.157</i>	
# CCE-22860-C	228.6	219.0	4.8	5.3		213.7				Carbon Spring Steel
	<i>9.000</i>	<i>8.622</i>	<i>0.189</i>	<i>0.209</i>		<i>8.413</i>				
# CCE-23495-C	235.0	225.0	4.8	5.3		219.7				Carbon Spring Steel
	<i>9.252</i>	<i>8.858</i>	<i>0.189</i>	<i>0.209</i>		<i>8.650</i>				
CCE-24000-C	240.00	234.00	5.00	5.15	9.00	228.00	263.00	270.00	4.00	Carbon Spring Steel
	<i>9.449</i>	<i>9.213</i>	<i>0.197</i>	<i>0.203</i>	<i>0.354</i>	<i>8.976</i>	<i>10.354</i>	<i>10.630</i>	<i>0.157</i>	
# CCE-24130-C	241.3	231.1	4.8	5.3		225.7				Carbon Spring Steel
	<i>9.500</i>	<i>9.098</i>	<i>0.189</i>	<i>0.209</i>		<i>8.886</i>				
# CCE-24765-C	247.7	237.2	4.8	5.3		231.7				Carbon Spring Steel
	<i>9.752</i>	<i>9.339</i>	<i>0.189</i>	<i>0.209</i>		<i>9.122</i>				

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-25000-C	250.00	243.28	4.88 - 5.00	5.15	9.00	236.30 - 238.72	272.00	280.00	4.00	Carbon Spring Steel
	<i>9.843</i>	<i>9.578</i>		<i>0.203</i>	<i>0.354</i>		<i>10.709</i>	<i>11.024</i>	<i>0.157</i>	
# CCE-25400-C	254.0	243.2	4.8	5.3		237.6				Carbon Spring Steel
	<i>10.000</i>	<i>9.575</i>	<i>0.189</i>	<i>0.209</i>		<i>9.354</i>				
# CCE-25500-C	255.00	246.28	4.88 - 5.00	5.15		238.30 - 240.72			4.00	Carbon Spring Steel
	<i>10.039</i>	<i>9.696</i>		<i>0.203</i>					<i>0.157</i>	
# CCE-26000-C	260.00	251.19	4.88 - 5.00	5.15	12.00	243.30 - 245.72	285.00	294.00	5.00	Carbon Spring Steel
	<i>10.236</i>	<i>9.889</i>		<i>0.203</i>	<i>0.472</i>		<i>11.220</i>	<i>11.575</i>	<i>0.197</i>	
# CCE-28000-C	280.00	271.19	4.88 - 5.00	5.15	12.00	263.00 - 265.81	305.00	314.00	5.00	Carbon Spring Steel
	<i>11.024</i>	<i>10.677</i>		<i>0.203</i>	<i>0.472</i>		<i>12.008</i>	<i>12.362</i>	<i>0.197</i>	
# CCE-29000-C	290.00	281.19	4.88 - 5.00	5.15	12.00	273.00 - 275.81	315.00	324.00	5.00	Carbon Spring Steel
	<i>11.417</i>	<i>11.070</i>		<i>0.203</i>	<i>0.472</i>		<i>12.402</i>	<i>12.756</i>	<i>0.197</i>	
# CCE-30000-C	300.00	291.19	4.88 - 5.00	5.15	12.00	283.00 - 285.81	325.00	334.00	5.00	Carbon Spring Steel
	<i>11.811</i>	<i>11.464</i>		<i>0.203</i>	<i>0.472</i>		<i>12.795</i>	<i>13.150</i>	<i>0.197</i>	
# CCE-32000-C	320.00	309.19	5.85 - 6.00	6.20	15.00	301.00 - 303.81	351.10	362.20	6.00	Carbon Spring Steel
	<i>12.598</i>	<i>12.173</i>		<i>0.244</i>	<i>0.591</i>		<i>13.823</i>	<i>14.260</i>	<i>0.236</i>	

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Circlips - External - Standard - Carbon Steel

Part Number	Shaft Diameter (G) mm	Groove Diameter (D) mm	Circlip Thickness (T) mm	Groove Width (W) mm	Min Extension (n) mm	Loose Circlip ID (A) mm	Assem. Clear. on Shaft (C1) mm	Assem. Clear. in Groove (C) mm	Min. Hole Diameter (h) mm	Material
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# CCE-33000-C	330.00	319.11	5.85 - 6.00	6.20	15.00	311.00 - 313.81	361.00	372.20	6.00	Carbon Spring Steel
	<i>12.992</i>	<i>12.563</i>		<i>0.244</i>	<i>0.591</i>		<i>14.213</i>	<i>14.654</i>	<i>0.236</i>	
# CCE-36000-C	360.00	349.11	5.85 - 6.00	6.20	15.00	341.00 - 343.90	391.00	402.20	6.00	Carbon Spring Steel
	<i>14.173</i>	<i>13.744</i>		<i>0.244</i>	<i>0.591</i>		<i>15.394</i>	<i>15.835</i>	<i>0.236</i>	
# CCE-38000-C	380.00	369.11	5.85 - 6.00	6.20	15.00	361.00 - 363.90	411.00	422.20	6.00	Carbon Spring Steel
	<i>14.961</i>	<i>14.532</i>		<i>0.244</i>	<i>0.591</i>		<i>16.181</i>	<i>16.622</i>	<i>0.236</i>	

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