



MBA

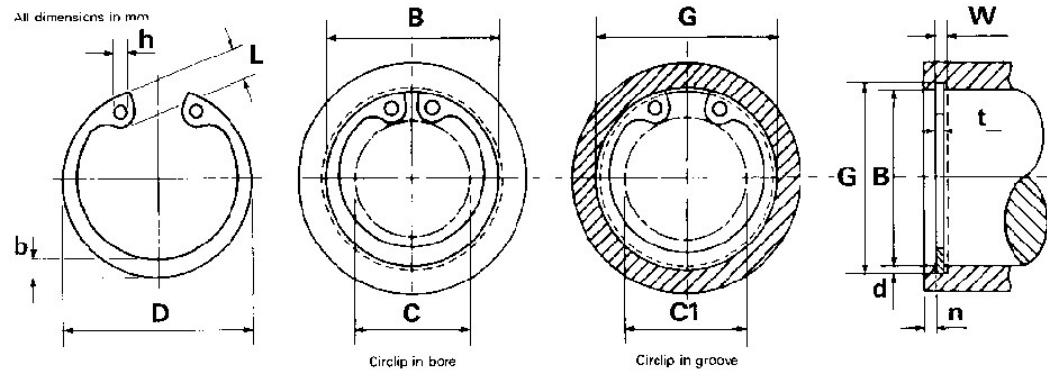
Circlips - Internal - Basic

Imperial and metric DIN471 and 472 / N1300 / Seeger J and JS.

Many sizes can also be ordered in Zinc Plated or Stainless Steel.

Tolerances on request.

Standard and heavy duty options.



Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-006.35-CS	6.35	6.81	0.38	0.46	0.69	7.11	2.79	3.30	0.74	Carbon Spring Steel. Phosphate and oil finish
	<i>0.250</i>	<i>0.268</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.280</i>	<i>0.110</i>	<i>0.130</i>	<i>0.029</i>	
# CCIN-006.35-420	6.35	6.81	0.38	0.46	0.69	7.11	2.79	3.30	0.74	420 Stainless Steel
	<i>0.250</i>	<i>0.268</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.280</i>	<i>0.110</i>	<i>0.130</i>	<i>0.029</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-006.35-CS-PK10	6.35	6.81	0.38	0.46	0.69	7.11	2.79	3.30	0.74	Carbon Spring Steel. Phosphate and oil finish
	<i>0.250</i>	<i>0.268</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.280</i>	<i>0.110</i>	<i>0.130</i>	<i>0.029</i>	
# CCIN-006.35-420-PK10	6.35	6.81	0.38	0.46	0.69	7.11	2.79	3.30	0.74	420 Stainless Steel
	<i>0.250</i>	<i>0.268</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.280</i>	<i>0.110</i>	<i>0.130</i>	<i>0.029</i>	
# CCIN-007.92-420	7.92	8.38	0.38	0.46	0.69	8.79	4.32	4.83	0.74	420 Stainless Steel
	<i>0.312</i>	<i>0.330</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.346</i>	<i>0.170</i>	<i>0.190</i>	<i>0.029</i>	
CCIN-007.92-CS	7.92	8.38	0.38	0.46	0.69	8.79	4.32	4.83	0.74	Carbon Spring Steel. Phosphate and oil finish
	<i>0.312</i>	<i>0.330</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.346</i>	<i>0.170</i>	<i>0.190</i>	<i>0.029</i>	
# CCIN-007.92-CS-PK10	7.92	8.38	0.38	0.46	0.69	8.79	4.32	4.83	0.74	Carbon Spring Steel. Phosphate and oil finish
	<i>0.312</i>	<i>0.330</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.346</i>	<i>0.170</i>	<i>0.190</i>	<i>0.029</i>	
# CCIN-007.92-420-PK10	7.92	8.38	0.38	0.46	0.69	8.79	4.32	4.83	0.74	420 Stainless Steel
	<i>0.312</i>	<i>0.330</i>	<i>0.015</i>	<i>0.018</i>	<i>0.027</i>	<i>0.346</i>	<i>0.170</i>	<i>0.190</i>	<i>0.029</i>	
# CCIN-008.00-420-PK10	8.00	8.40	0.80	0.90	0.60	8.70	3.00	3.60	1.00	420 Stainless
	<i>0.315</i>	<i>0.331</i>	<i>0.031</i>	<i>0.035</i>	<i>0.024</i>	<i>0.343</i>	<i>0.118</i>	<i>0.142</i>	<i>0.039</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-008.00-420	8.00 <i>0.315</i>	8.40 <i>0.331</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	8.70 <i>0.343</i>	3.00 <i>0.118</i>	3.60 <i>0.142</i>	1.00 <i>0.039</i>	420 Stainless
CCIN-008.00-CS	8.00 <i>0.315</i>	8.40 <i>0.331</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	8.70 <i>0.343</i>	3.00 <i>0.118</i>	3.60 <i>0.142</i>	1.00 <i>0.039</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-008.00-CS-PK10	8.00 <i>0.315</i>	8.40 <i>0.331</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	8.70 <i>0.343</i>	3.00 <i>0.118</i>	3.60 <i>0.142</i>	1.00 <i>0.039</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-009.00-420	9.00 <i>0.354</i>	9.40 <i>0.370</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	9.80 <i>0.386</i>	3.70 <i>0.146</i>	4.40 <i>0.173</i>	1.00 <i>0.039</i>	420 Stainless
# CCIN-009.00-420-PK10	9.00 <i>0.354</i>	9.40 <i>0.370</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	9.80 <i>0.386</i>	3.70 <i>0.146</i>	4.40 <i>0.173</i>	1.00 <i>0.039</i>	420 Stainless
# CCIN-009.00-CS-PK10	9.00 <i>0.354</i>	9.40 <i>0.370</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	9.80 <i>0.386</i>	3.70 <i>0.146</i>	4.40 <i>0.173</i>	1.00 <i>0.039</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-009.00-CS	9.00 <i>0.354</i>	9.40 <i>0.370</i>	0.80 <i>0.031</i>	0.90 <i>0.035</i>	0.60 <i>0.024</i>	9.80 <i>0.386</i>	3.70 <i>0.146</i>	4.40 <i>0.173</i>	1.00 <i>0.039</i>	Carbon Spring Steel. Phosphate and oil finish

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-009.50-CS	9.50	9.90	1.00	1.10	0.60	10.30	3.20	3.90	1.20	Carbon Spring Steel. Phosphate and oil finish
	<i>0.374</i>	<i>0.390</i>	<i>0.039</i>	<i>0.043</i>	<i>0.024</i>	<i>0.406</i>	<i>0.126</i>	<i>0.154</i>	<i>0.047</i>	
# CCIN-009.50-CS-PK10	9.50	9.90	1.00	1.10	0.60	10.30	3.20	3.90	1.20	Carbon Spring Steel. Phosphate and oil finish
	<i>0.374</i>	<i>0.390</i>	<i>0.039</i>	<i>0.043</i>	<i>0.024</i>	<i>0.406</i>	<i>0.126</i>	<i>0.154</i>	<i>0.047</i>	
# CCIN-009.53-CS	9.53	10.08	0.64	0.74	0.84	10.54	5.08	5.59	0.99	Carbon Spring Steel. Phosphate and oil finish
	<i>0.375</i>	<i>0.397</i>	<i>0.025</i>	<i>0.029</i>	<i>0.033</i>	<i>0.415</i>	<i>0.200</i>	<i>0.220</i>	<i>0.039</i>	
# CCIN-009.53-CS-PK10	9.53	10.08	0.64	0.74	0.84	10.54	5.08	5.59	0.99	Carbon Spring Steel. Phosphate and oil finish
	<i>0.375</i>	<i>0.397</i>	<i>0.025</i>	<i>0.029</i>	<i>0.033</i>	<i>0.415</i>	<i>0.200</i>	<i>0.220</i>	<i>0.039</i>	
# CCIN-009.53-420-PK10	9.53	10.08	0.64	0.74	0.84	10.54	5.08	5.59	0.99	420 Stainless Steel
	<i>0.375</i>	<i>0.397</i>	<i>0.025</i>	<i>0.029</i>	<i>0.033</i>	<i>0.415</i>	<i>0.200</i>	<i>0.220</i>	<i>0.039</i>	
CCIN-010.00-CS	10.00	10.40	1.00	1.10	0.60	10.80	3.30	4.00	1.20	Carbon Spring Steel. Phosphate and oil finish
	<i>0.394</i>	<i>0.409</i>	<i>0.039</i>	<i>0.043</i>	<i>0.024</i>	<i>0.425</i>	<i>0.130</i>	<i>0.157</i>	<i>0.047</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>	
# CCIN-010.00-420-PK10	10.00 <i>0.394</i>	10.40 <i>0.409</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	10.80 <i>0.425</i>	3.30 <i>0.130</i>	4.00 <i>0.157</i>	1.20 <i>0.047</i>	420 Stainless
# CCIN-010.00-CS-PK10	10.00 <i>0.394</i>	10.40 <i>0.409</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	10.80 <i>0.425</i>	3.30 <i>0.130</i>	4.00 <i>0.157</i>	1.20 <i>0.047</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-010.00-420	10.00 <i>0.394</i>	10.40 <i>0.409</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	10.80 <i>0.425</i>	3.30 <i>0.130</i>	4.00 <i>0.157</i>	1.20 <i>0.047</i>	420 Stainless
# CCIN-011.00-420-PK10	11.00 <i>0.433</i>	11.40 <i>0.449</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	11.80 <i>0.465</i>	4.10 <i>0.161</i>	4.80 <i>0.189</i>	1.20 <i>0.047</i>	420 Stainless
# CCIN-011.00-CS-PK10	11.00 <i>0.433</i>	11.40 <i>0.449</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	11.80 <i>0.465</i>	4.10 <i>0.161</i>	4.80 <i>0.189</i>	1.20 <i>0.047</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-011.00-CS	11.00 <i>0.433</i>	11.40 <i>0.449</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	11.80 <i>0.465</i>	4.10 <i>0.161</i>	4.80 <i>0.189</i>	1.20 <i>0.047</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-011.00-420	11.00 <i>0.433</i>	11.40 <i>0.449</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.60 <i>0.024</i>	11.80 <i>0.465</i>	4.10 <i>0.161</i>	4.80 <i>0.189</i>	1.20 <i>0.047</i>	420 Stainless

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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>	
# CCIN-011.13-CS	11.13	11.71	0.64	0.74	0.91	12.24	5.84	6.35	0.99	Carbon Spring Steel. Phosphate and oil finish
	<i>0.438</i>	<i>0.461</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.482</i>	<i>0.230</i>	<i>0.250</i>	<i>0.039</i>	
# CCIN-011.13-CS-PK10	11.13	11.71	0.64	0.74	0.91	12.24	5.84	6.35	0.99	Carbon Spring Steel. Phosphate and oil finish
	<i>0.438</i>	<i>0.461</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.482</i>	<i>0.230</i>	<i>0.250</i>	<i>0.039</i>	
# CCIN-011.13-420-PK10	11.13	11.71	0.64	0.74	0.91	12.24	5.84	6.35	0.99	420 Stainless
	<i>0.438</i>	<i>0.461</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.482</i>	<i>0.230</i>	<i>0.250</i>	<i>0.039</i>	
# CCIN-011.13-420	11.13	11.71	0.64	0.74	0.91	12.24	5.84	6.35	0.99	420 Stainless
	<i>0.438</i>	<i>0.461</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.482</i>	<i>0.230</i>	<i>0.250</i>	<i>0.039</i>	
# CCIN-011.51-CS-PK10	11.51	12.12	0.64	0.74	0.91	12.65	6.35	6.86	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.453</i>	<i>0.477</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.498</i>	<i>0.250</i>	<i>0.270</i>	<i>0.045</i>	
# CCIN-011.51-CS	11.51	12.12	0.64	0.74	0.91	12.65	6.35	6.86	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.453</i>	<i>0.477</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.498</i>	<i>0.250</i>	<i>0.270</i>	<i>0.045</i>	
# CCIN-011.51-420	11.51	12.12	0.64	0.74	0.91	12.65	6.35	6.86	1.14	420 Stainless
	<i>0.453</i>	<i>0.477</i>	<i>0.025</i>	<i>0.029</i>	<i>0.036</i>	<i>0.498</i>	<i>0.250</i>	<i>0.270</i>	<i>0.045</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>	
# CCIN-011.51-420-PK10	11.51 <i>0.453</i>	12.12 <i>0.477</i>	0.64 <i>0.025</i>	0.74 <i>0.029</i>	0.91 <i>0.036</i>	12.65 <i>0.498</i>	6.35 <i>0.250</i>	6.86 <i>0.270</i>	1.14 <i>0.045</i>	420 Stainless
CCIN-012.00-CS	12.00 <i>0.472</i>	12.50 <i>0.492</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.80 <i>0.031</i>	13.00 <i>0.512</i>	4.90 <i>0.193</i>	5.70 <i>0.224</i>	1.50 <i>0.059</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-012.00-CS-PK10	12.00 <i>0.472</i>	12.50 <i>0.492</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.80 <i>0.031</i>	13.00 <i>0.512</i>	4.90 <i>0.193</i>	5.70 <i>0.224</i>	1.50 <i>0.059</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-012.00-420-PK10	12.00 <i>0.472</i>	12.50 <i>0.492</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.80 <i>0.031</i>	13.00 <i>0.512</i>	4.90 <i>0.193</i>	5.70 <i>0.224</i>	1.50 <i>0.059</i>	420 Stainless
# CCIN-012.00-420	12.00 <i>0.472</i>	12.50 <i>0.492</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	0.80 <i>0.031</i>	13.00 <i>0.512</i>	4.90 <i>0.193</i>	5.70 <i>0.224</i>	1.50 <i>0.059</i>	420 Stainless
# CCIN-012.70-CS-PK10	12.70 <i>0.500</i>	13.46 <i>0.530</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.14 <i>0.045</i>	13.92 <i>0.548</i>	6.60 <i>0.260</i>	7.37 <i>0.290</i>	1.14 <i>0.045</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-012.70-420-PK10	12.70 <i>0.500</i>	13.46 <i>0.530</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.14 <i>0.045</i>	13.92 <i>0.548</i>	6.60 <i>0.260</i>	7.37 <i>0.290</i>	1.14 <i>0.045</i>	420 Stainless Steel

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-012.70-CS	12.70	13.46	0.89	0.99	1.14	13.92	6.60	7.37	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.500</i>	<i>0.530</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.548</i>	<i>0.260</i>	<i>0.290</i>	<i>0.045</i>	
# CCIN-012.70-420	12.70	13.46	0.89	0.99	1.14	13.92	6.60	7.37	1.14	420 Stainless Steel
	<i>0.500</i>	<i>0.530</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.548</i>	<i>0.260</i>	<i>0.290</i>	<i>0.045</i>	
# CCIN-013.00-420	13.00	13.60	1.00	1.10	0.90	14.10	5.40	6.40	1.50	420 Stainless
	<i>0.512</i>	<i>0.535</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.555</i>	<i>0.213</i>	<i>0.252</i>	<i>0.059</i>	
CCIN-013.00-CS	13.00	13.60	1.00	1.10	0.90	14.10	5.40	6.40	1.50	Carbon Spring Steel. Phosphate and oil finish
	<i>0.512</i>	<i>0.535</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.555</i>	<i>0.213</i>	<i>0.252</i>	<i>0.059</i>	
# CCIN-013.00-CS-PK10	13.00	13.60	1.00	1.10	0.90	14.10	5.40	6.40	1.50	Carbon Spring Steel. Phosphate and oil finish
	<i>0.512</i>	<i>0.535</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.555</i>	<i>0.213</i>	<i>0.252</i>	<i>0.059</i>	
# CCIN-013.00-420-PK10	13.00	13.60	1.00	1.10	0.90	14.10	5.40	6.40	1.50	420 Stainless
	<i>0.512</i>	<i>0.535</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.555</i>	<i>0.213</i>	<i>0.252</i>	<i>0.059</i>	
# CCIN-013.00N-420-PK10	13.00	13.77	0.89	0.99	1.14	14.22	6.86	7.62	1.14	420 Stainless
	<i>0.512</i>	<i>0.542</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.560</i>	<i>0.270</i>	<i>0.300</i>	<i>0.045</i>	
# CCIN-013.00N-420	13.00	13.77	0.89	0.99	1.14	14.22	6.86	7.62	1.14	420 Stainless
	<i>0.512</i>	<i>0.542</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.560</i>	<i>0.270</i>	<i>0.300</i>	<i>0.045</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-013.00N-CS-PK10	13.00	13.77	0.89	0.99	1.14	14.22	6.86	7.62	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.512</i>	<i>0.542</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.560</i>	<i>0.270</i>	<i>0.300</i>	<i>0.045</i>	
# CCIN-013.00N-CS	13.00	13.77	0.89	0.99	1.14	14.22	6.86	7.62	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.512</i>	<i>0.542</i>	<i>0.035</i>	<i>0.039</i>	<i>0.045</i>	<i>0.560</i>	<i>0.270</i>	<i>0.300</i>	<i>0.045</i>	
CCIN-014.00-CS	14.00	14.60	1.00	1.10	0.90	15.10	6.20	7.20	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.551</i>	<i>0.575</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.594</i>	<i>0.244</i>	<i>0.283</i>	<i>0.067</i>	
# CCIN-014.00-CS-PK10	14.00	14.60	1.00	1.10	0.90	15.10	6.20	7.20	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.551</i>	<i>0.575</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.594</i>	<i>0.244</i>	<i>0.283</i>	<i>0.067</i>	
# CCIN-014.00-420-PK10	14.00	14.60	1.00	1.10	0.90	15.10	6.20	7.20	1.70	420 Stainless
	<i>0.551</i>	<i>0.575</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.594</i>	<i>0.244</i>	<i>0.283</i>	<i>0.067</i>	
# CCIN-014.00-420	14.00	14.60	1.00	1.10	0.90	15.10	6.20	7.20	1.70	420 Stainless
	<i>0.551</i>	<i>0.575</i>	<i>0.039</i>	<i>0.043</i>	<i>0.035</i>	<i>0.594</i>	<i>0.244</i>	<i>0.283</i>	<i>0.067</i>	
# CCIN-014.27-420	14.27	15.14	0.89	0.99	1.30	15.75	7.11	8.13	1.14	420 Stainless
	<i>0.562</i>	<i>0.596</i>	<i>0.035</i>	<i>0.039</i>	<i>0.051</i>	<i>0.620</i>	<i>0.280</i>	<i>0.320</i>	<i>0.045</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>	
# CCIN-014.27-420-PK10	14.27 <i>0.562</i>	15.14 <i>0.596</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.30 <i>0.051</i>	15.75 <i>0.620</i>	7.11 <i>0.280</i>	8.13 <i>0.320</i>	1.14 <i>0.045</i>	420 Stainless
# CCIN-014.27-CS-PK10	14.27 <i>0.562</i>	15.14 <i>0.596</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.30 <i>0.051</i>	15.75 <i>0.620</i>	7.11 <i>0.280</i>	8.13 <i>0.320</i>	1.14 <i>0.045</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-014.27-CS	14.27 <i>0.562</i>	15.14 <i>0.596</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.30 <i>0.051</i>	15.75 <i>0.620</i>	7.11 <i>0.280</i>	8.13 <i>0.320</i>	1.14 <i>0.045</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-015.00-CS	15.00 <i>0.591</i>	15.70 <i>0.618</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.10 <i>0.043</i>	16.20 <i>0.638</i>	7.20 <i>0.283</i>	8.30 <i>0.327</i>	1.70 <i>0.067</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-015.00-CS-PK10	15.00 <i>0.591</i>	15.70 <i>0.618</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.10 <i>0.043</i>	16.20 <i>0.638</i>	7.20 <i>0.283</i>	8.30 <i>0.327</i>	1.70 <i>0.067</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-015.00-420	15.00 <i>0.591</i>	15.70 <i>0.618</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.10 <i>0.043</i>	16.20 <i>0.638</i>	7.20 <i>0.283</i>	8.30 <i>0.327</i>	1.70 <i>0.067</i>	420 Stainless
# CCIN-015.00-420-PK10	15.00 <i>0.591</i>	15.70 <i>0.618</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.10 <i>0.043</i>	16.20 <i>0.638</i>	7.20 <i>0.283</i>	8.30 <i>0.327</i>	1.70 <i>0.067</i>	420 Stainless

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-015.88-CS	15.88	16.89	0.89	0.99	1.52	17.63	8.89	9.91	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.625</i>	<i>0.665</i>	<i>0.035</i>	<i>0.039</i>	<i>0.060</i>	<i>0.694</i>	<i>0.350</i>	<i>0.390</i>	<i>0.045</i>	
# CCIN-015.88-CS-PK10	15.88	16.89	0.89	0.99	1.52	17.63	8.89	9.91	1.14	Carbon Spring Steel. Phosphate and oil finish
	<i>0.625</i>	<i>0.665</i>	<i>0.035</i>	<i>0.039</i>	<i>0.060</i>	<i>0.694</i>	<i>0.350</i>	<i>0.390</i>	<i>0.045</i>	
# CCIN-015.88-420-PK10	15.88	16.89	0.89	0.99	1.52	17.63	8.89	9.91	1.14	420 Stainless
	<i>0.625</i>	<i>0.665</i>	<i>0.035</i>	<i>0.039</i>	<i>0.060</i>	<i>0.694</i>	<i>0.350</i>	<i>0.390</i>	<i>0.045</i>	
# CCIN-015.88-420	15.88	16.89	0.89	0.99	1.52	17.63	8.89	9.91	1.14	420 Stainless
	<i>0.625</i>	<i>0.665</i>	<i>0.035</i>	<i>0.039</i>	<i>0.060</i>	<i>0.694</i>	<i>0.350</i>	<i>0.390</i>	<i>0.045</i>	
# CCIN-016.00-420-PK10	16.00	16.80	1.00	1.10	1.20	17.30	8.00	9.20	1.70	420 Stainless
	<i>0.630</i>	<i>0.661</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.681</i>	<i>0.315</i>	<i>0.362</i>	<i>0.067</i>	
# CCIN-016.00-420	16.00	16.80	1.00	1.10	1.20	17.30	8.00	9.20	1.70	420 Stainless
	<i>0.630</i>	<i>0.661</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.681</i>	<i>0.315</i>	<i>0.362</i>	<i>0.067</i>	
# CCIN-016.00-CS-PK10	16.00	16.80	1.00	1.10	1.20	17.30	8.00	9.20	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.630</i>	<i>0.661</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.681</i>	<i>0.315</i>	<i>0.362</i>	<i>0.067</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>	
CCIN-016.00-CS	16.00	16.80	1.00	1.10	1.20	17.30	8.00	9.20	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.630</i>	<i>0.661</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.681</i>	<i>0.315</i>	<i>0.362</i>	<i>0.067</i>	
# CCIN-017.00-420	17.00	17.80	1.00	1.10	1.20	18.30	8.80	10.00	1.70	420 Stainless
	<i>0.669</i>	<i>0.701</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.720</i>	<i>0.346</i>	<i>0.394</i>	<i>0.067</i>	
# CCIN-017.00-CS-PK10	17.00	17.80	1.00	1.10	1.20	18.30	8.80	10.00	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.669</i>	<i>0.701</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.720</i>	<i>0.346</i>	<i>0.394</i>	<i>0.067</i>	
# CCIN-017.00-420-PK10	17.00	17.80	1.00	1.10	1.20	18.30	8.80	10.00	1.70	420 Stainless
	<i>0.669</i>	<i>0.701</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.720</i>	<i>0.346</i>	<i>0.394</i>	<i>0.067</i>	
CCIN-017.00-CS	17.00	17.80	1.00	1.10	1.20	18.30	8.80	10.00	1.70	Carbon Spring Steel. Phosphate and oil finish
	<i>0.669</i>	<i>0.701</i>	<i>0.039</i>	<i>0.043</i>	<i>0.047</i>	<i>0.720</i>	<i>0.346</i>	<i>0.394</i>	<i>0.067</i>	
# CCIN-017.48-CS	17.48	18.59	0.89	0.99	1.68	19.38	10.41	11.43	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.688</i>	<i>0.732</i>	<i>0.035</i>	<i>0.039</i>	<i>0.066</i>	<i>0.763</i>	<i>0.410</i>	<i>0.450</i>	<i>0.060</i>	
# CCIN-017.48-CS-PK10	17.48	18.59	0.89	0.99	1.68	19.38	10.41	11.43	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.688</i>	<i>0.732</i>	<i>0.035</i>	<i>0.039</i>	<i>0.066</i>	<i>0.763</i>	<i>0.410</i>	<i>0.450</i>	<i>0.060</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>	
# CCIN-017.48-420-PK10	17.48 <i>0.688</i>	18.59 <i>0.732</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.68 <i>0.066</i>	19.38 <i>0.763</i>	10.41 <i>0.410</i>	11.43 <i>0.450</i>	1.52 <i>0.060</i>	420 Stainless
# CCIN-017.48-420	17.48 <i>0.688</i>	18.59 <i>0.732</i>	0.89 <i>0.035</i>	0.99 <i>0.039</i>	1.68 <i>0.066</i>	19.38 <i>0.763</i>	10.41 <i>0.410</i>	11.43 <i>0.450</i>	1.52 <i>0.060</i>	420 Stainless
CCIN-018.00-CS	18.00 <i>0.709</i>	19.00 <i>0.748</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	19.50 <i>0.768</i>	9.40 <i>0.370</i>	10.80 <i>0.425</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-018.00-420	18.00 <i>0.709</i>	19.00 <i>0.748</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	19.50 <i>0.768</i>	9.40 <i>0.370</i>	10.80 <i>0.425</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-018.00-420-PK10	18.00 <i>0.709</i>	19.00 <i>0.748</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	19.50 <i>0.768</i>	9.40 <i>0.370</i>	10.80 <i>0.425</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-018.00-CS-PK10	18.00 <i>0.709</i>	19.00 <i>0.748</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	19.50 <i>0.768</i>	9.40 <i>0.370</i>	10.80 <i>0.425</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-019.00-420	19.00 <i>0.748</i>	20.00 <i>0.787</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	20.50 <i>0.807</i>	10.40 <i>0.409</i>	11.80 <i>0.465</i>	2.00 <i>0.079</i>	420 Stainless
CCIN-019.00-CS	19.00 <i>0.748</i>	20.00 <i>0.787</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	20.50 <i>0.807</i>	10.40 <i>0.409</i>	11.80 <i>0.465</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish

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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>	
# CCIN-019.00-CS-PK10	19.00	20.00	1.00	1.10	1.50	20.50	10.40	11.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.748</i>	<i>0.787</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.807</i>	<i>0.409</i>	<i>0.465</i>	<i>0.079</i>	
# CCIN-019.05-420-PK10	19.05	20.22	0.89	0.99	1.75	21.11	11.43	12.70	1.52	420 Stainless Steel
	<i>0.750</i>	<i>0.796</i>	<i>0.035</i>	<i>0.039</i>	<i>0.069</i>	<i>0.831</i>	<i>0.450</i>	<i>0.500</i>	<i>0.060</i>	
CCIN-019.05-CS	19.05	20.22	0.89	0.99	1.75	21.11	11.43	12.70	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.750</i>	<i>0.796</i>	<i>0.035</i>	<i>0.039</i>	<i>0.069</i>	<i>0.831</i>	<i>0.450</i>	<i>0.500</i>	<i>0.060</i>	
# CCIN-019.05-CS-PK10	19.05	20.22	0.89	0.99	1.75	21.11	11.43	12.70	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.750</i>	<i>0.796</i>	<i>0.035</i>	<i>0.039</i>	<i>0.069</i>	<i>0.831</i>	<i>0.450</i>	<i>0.500</i>	<i>0.060</i>	
# CCIN-019.05-420	19.05	20.22	0.89	0.99	1.75	21.11	11.43	12.70	1.52	420 Stainless Steel
	<i>0.750</i>	<i>0.796</i>	<i>0.035</i>	<i>0.039</i>	<i>0.069</i>	<i>0.831</i>	<i>0.450</i>	<i>0.500</i>	<i>0.060</i>	
# CCIN-019.74-CS-PK10	19.74	20.96	1.07	1.17	1.83	21.82	11.94	13.21	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.777</i>	<i>0.825</i>	<i>0.042</i>	<i>0.046</i>	<i>0.072</i>	<i>0.859</i>	<i>0.470</i>	<i>0.520</i>	<i>0.060</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>	
# CCIN-019.74-CS	19.74	20.96	1.07	1.17	1.83	21.82	11.94	13.21	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.777</i>	<i>0.825</i>	<i>0.042</i>	<i>0.046</i>	<i>0.072</i>	<i>0.859</i>	<i>0.470</i>	<i>0.520</i>	<i>0.060</i>	
# CCIN-019.74-420	19.74	20.96	1.07	1.17	1.83	21.82	11.94	13.21	1.52	420 Stainless
	<i>0.777</i>	<i>0.825</i>	<i>0.042</i>	<i>0.046</i>	<i>0.072</i>	<i>0.859</i>	<i>0.470</i>	<i>0.520</i>	<i>0.060</i>	
# CCIN-019.74-420-PK10	19.74	20.96	1.07	1.17	1.83	21.82	11.94	13.21	1.52	420 Stainless
	<i>0.777</i>	<i>0.825</i>	<i>0.042</i>	<i>0.046</i>	<i>0.072</i>	<i>0.859</i>	<i>0.470</i>	<i>0.520</i>	<i>0.060</i>	
# CCIN-020.00-420-PK10	20.00	21.00	1.00	1.10	1.50	21.50	11.20	12.60	2.00	420 Stainless
	<i>0.787</i>	<i>0.827</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.846</i>	<i>0.441</i>	<i>0.496</i>	<i>0.079</i>	
# CCIN-020.00-CS-PK10	20.00	21.00	1.00	1.10	1.50	21.50	11.20	12.60	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.787</i>	<i>0.827</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.846</i>	<i>0.441</i>	<i>0.496</i>	<i>0.079</i>	
CCIN-020.00-CS	20.00	21.00	1.00	1.10	1.50	21.50	11.20	12.60	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.787</i>	<i>0.827</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.846</i>	<i>0.441</i>	<i>0.496</i>	<i>0.079</i>	
# CCIN-020.00-420	20.00	21.00	1.00	1.10	1.50	21.50	11.20	12.60	2.00	420 Stainless
	<i>0.787</i>	<i>0.827</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.846</i>	<i>0.441</i>	<i>0.496</i>	<i>0.079</i>	
# CCIN-020.00H-CS	20.00	21.00 - 21.15	1.44 - 1.50	1.60		21.29 - 21.92				Carbon Spring Steel
	<i>0.787</i>			<i>0.063</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>	
# CCIN-020.62-420-PK10	20.62 <i>0.812</i>	21.89 <i>0.862</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	1.91 <i>0.075</i>	22.89 <i>0.901</i>	12.45 <i>0.490</i>	13.46 <i>0.530</i>	1.52 <i>0.060</i>	420 Stainless
# CCIN-020.62-420	20.62 <i>0.812</i>	21.89 <i>0.862</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	1.91 <i>0.075</i>	22.89 <i>0.901</i>	12.45 <i>0.490</i>	13.46 <i>0.530</i>	1.52 <i>0.060</i>	420 Stainless
# CCIN-020.62-CS-PK10	20.62 <i>0.812</i>	21.89 <i>0.862</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	1.91 <i>0.075</i>	22.89 <i>0.901</i>	12.45 <i>0.490</i>	13.46 <i>0.530</i>	1.52 <i>0.060</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-020.62-CS	20.62 <i>0.812</i>	21.89 <i>0.862</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	1.91 <i>0.075</i>	22.89 <i>0.901</i>	12.45 <i>0.490</i>	13.46 <i>0.530</i>	1.52 <i>0.060</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-021.00-420	21.00 <i>0.827</i>	22.00 <i>0.866</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	22.50 <i>0.886</i>	12.20 <i>0.480</i>	13.60 <i>0.535</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-021.00-CS-PK10	21.00 <i>0.827</i>	22.00 <i>0.866</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	22.50 <i>0.886</i>	12.20 <i>0.480</i>	13.60 <i>0.535</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-021.00-420-PK10	21.00 <i>0.827</i>	22.00 <i>0.866</i>	1.00 <i>0.039</i>	1.10 <i>0.043</i>	1.50 <i>0.059</i>	22.50 <i>0.886</i>	12.20 <i>0.480</i>	13.60 <i>0.535</i>	2.00 <i>0.079</i>	420 Stainless

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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>	
CCIN-021.00-CS	21.00	22.00	1.00	1.10	1.50	22.50	12.20	13.60	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.827</i>	<i>0.866</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.886</i>	<i>0.480</i>	<i>0.535</i>	<i>0.079</i>	
# CCIN-022.00-CS-PK10	22.00	23.37	1.07	1.17	2.06	24.41	13.72	14.99	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.866</i>	<i>0.920</i>	<i>0.042</i>	<i>0.046</i>	<i>0.081</i>	<i>0.961</i>	<i>0.540</i>	<i>0.590</i>	<i>0.060</i>	
CCIN-022.00-CS	22.00	23.37	1.07	1.17	2.06	24.41	13.72	14.99	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.866</i>	<i>0.920</i>	<i>0.042</i>	<i>0.046</i>	<i>0.081</i>	<i>0.961</i>	<i>0.540</i>	<i>0.590</i>	<i>0.060</i>	
# CCIN-022.00N-CS-PK10	22.00	23.00	1.00	1.10	1.50	23.50	13.20	14.60	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.866</i>	<i>0.906</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.925</i>	<i>0.520</i>	<i>0.575</i>	<i>0.079</i>	
# CCIN-022.00N-420	22.00	23.00	1.00	1.10	1.50	23.50	13.20	14.60	2.00	420 Stainless
	<i>0.866</i>	<i>0.906</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.925</i>	<i>0.520</i>	<i>0.575</i>	<i>0.079</i>	
# CCIN-022.00N-420-PK10	22.00	23.00	1.00	1.10	1.50	23.50	13.20	14.60	2.00	420 Stainless
	<i>0.866</i>	<i>0.906</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.925</i>	<i>0.520</i>	<i>0.575</i>	<i>0.079</i>	
# CCIN-022.00N-CS	22.00	23.00	1.00	1.10	1.50	23.50	13.20	14.60	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.866</i>	<i>0.906</i>	<i>0.039</i>	<i>0.043</i>	<i>0.059</i>	<i>0.925</i>	<i>0.520</i>	<i>0.575</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>	
# CCIN-022.00H-CS	22.00	23.00 - 23.15	1.44 - 1.50	1.60		23.29 - 23.92				Carbon Spring Steel
	<i>0.866</i>			<i>0.063</i>						
# CCIN-022.00-420-PK10	22.00	23.37	1.07	1.17	2.06	24.41	13.72	14.99	1.52	420 Stainless
	<i>0.866</i>	<i>0.920</i>	<i>0.042</i>	<i>0.046</i>	<i>0.081</i>	<i>0.961</i>	<i>0.540</i>	<i>0.590</i>	<i>0.060</i>	
# CCIN-022.00-420	22.00	23.37	1.07	1.17	2.06	24.41	13.72	14.99	1.52	420 Stainless
	<i>0.866</i>	<i>0.920</i>	<i>0.042</i>	<i>0.046</i>	<i>0.081</i>	<i>0.961</i>	<i>0.540</i>	<i>0.590</i>	<i>0.060</i>	
# CCIN-022.23-420-PK10	22.23	23.65	1.07	1.17	2.13	24.66	13.97	15.24	1.52	420 Stainless Steel
	<i>0.875</i>	<i>0.931</i>	<i>0.042</i>	<i>0.046</i>	<i>0.084</i>	<i>0.971</i>	<i>0.550</i>	<i>0.600</i>	<i>0.060</i>	
# CCIN-022.23-420	22.23	23.65	1.07	1.17	2.13	24.66	13.97	15.24	1.52	420 Stainless Steel
	<i>0.875</i>	<i>0.931</i>	<i>0.042</i>	<i>0.046</i>	<i>0.084</i>	<i>0.971</i>	<i>0.550</i>	<i>0.600</i>	<i>0.060</i>	
# CCIN-022.23-CS-PK10	22.23	23.65	1.07	1.17	2.13	24.66	13.97	15.24	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.875</i>	<i>0.931</i>	<i>0.042</i>	<i>0.046</i>	<i>0.084</i>	<i>0.971</i>	<i>0.550</i>	<i>0.600</i>	<i>0.060</i>	
# CCIN-022.23-CS	22.23	23.65	1.07	1.17	2.13	24.66	13.97	15.24	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.875</i>	<i>0.931</i>	<i>0.042</i>	<i>0.046</i>	<i>0.084</i>	<i>0.971</i>	<i>0.550</i>	<i>0.600</i>	<i>0.060</i>	
# CCIN-022.89-420	22.89	24.36	1.07	1.17	2.21	25.40	14.73	16.00	1.52	420 Stainless Steel
	<i>0.901</i>	<i>0.959</i>	<i>0.042</i>	<i>0.046</i>	<i>0.087</i>	<i>1.000</i>	<i>0.580</i>	<i>0.630</i>	<i>0.060</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>	
# CCIN-022.89-420-PK10	22.89	24.36	1.07	1.17	2.21	25.40	14.73	16.00	1.52	420 Stainless Steel
	<i>0.901</i>	<i>0.959</i>	<i>0.042</i>	<i>0.046</i>	<i>0.087</i>	<i>1.000</i>	<i>0.580</i>	<i>0.630</i>	<i>0.060</i>	
CCIN-023.00-CS	23.00	24.10	1.20	1.30	1.70	24.60	14.20	15.70	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.906</i>	<i>0.949</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.969</i>	<i>0.559</i>	<i>0.618</i>	<i>0.079</i>	
# CCIN-023.00-420	23.00	24.10	1.20	1.30	1.70	24.60	14.20	15.70	2.00	420 Stainless
	<i>0.906</i>	<i>0.949</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.969</i>	<i>0.559</i>	<i>0.618</i>	<i>0.079</i>	
# CCIN-023.00-CS-PK10	23.00	24.10	1.20	1.30	1.70	24.60	14.20	15.70	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>0.906</i>	<i>0.949</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.969</i>	<i>0.559</i>	<i>0.618</i>	<i>0.079</i>	
# CCIN-023.00-420-PK10	23.00	24.10	1.20	1.30	1.70	24.60	14.20	15.70	2.00	420 Stainless
	<i>0.906</i>	<i>0.949</i>	<i>0.047</i>	<i>0.051</i>	<i>0.067</i>	<i>0.969</i>	<i>0.559</i>	<i>0.618</i>	<i>0.079</i>	
# CCIN-023.83-CS-PK10	23.83	25.40	1.07	1.17	2.36	26.44	15.49	17.02	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.938</i>	<i>1.000</i>	<i>0.042</i>	<i>0.046</i>	<i>0.093</i>	<i>1.041</i>	<i>0.610</i>	<i>0.670</i>	<i>0.060</i>	
# CCIN-023.83-CS	23.83	25.40	1.07	1.17	2.36	26.44	15.49	17.02	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>0.938</i>	<i>1.000</i>	<i>0.042</i>	<i>0.046</i>	<i>0.093</i>	<i>1.041</i>	<i>0.610</i>	<i>0.670</i>	<i>0.060</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>	
# CCIN-023.83-420	23.83 <i>0.938</i>	25.40 <i>1.000</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	2.36 <i>0.093</i>	26.44 <i>1.041</i>	15.49 <i>0.610</i>	17.02 <i>0.670</i>	1.52 <i>0.060</i>	420 Stainless
# CCIN-023.83-420-PK10	23.83 <i>0.938</i>	25.40 <i>1.000</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	2.36 <i>0.093</i>	26.44 <i>1.041</i>	15.49 <i>0.610</i>	17.02 <i>0.670</i>	1.52 <i>0.060</i>	420 Stainless
# CCIN-024.00-CS-PK10	24.00 <i>0.945</i>	25.20 <i>0.992</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	25.90 <i>1.020</i>	14.80 <i>0.583</i>	16.40 <i>0.646</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-024.00-CS	24.00 <i>0.945</i>	25.20 <i>0.992</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	25.90 <i>1.020</i>	14.80 <i>0.583</i>	16.40 <i>0.646</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-024.00-420-PK10	24.00 <i>0.945</i>	25.20 <i>0.992</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	25.90 <i>1.020</i>	14.80 <i>0.583</i>	16.40 <i>0.646</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-024.00-420	24.00 <i>0.945</i>	25.20 <i>0.992</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	25.90 <i>1.020</i>	14.80 <i>0.583</i>	16.40 <i>0.646</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-024.00H-CS	24.00 <i>0.945</i>	25.20 - 25.41	1.44 - 1.50	1.60 <i>0.063</i>		25.69 - 26.32				Carbon Spring Steel
# CCIN-025.00-CS-PK10	25.00 <i>0.984</i>	26.20 <i>1.031</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	26.90 <i>1.059</i>	15.50 <i>0.610</i>	17.20 <i>0.677</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish

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Circlips - Internal - Basic

Part Number	Bore (B) mm <i>inches</i>	Groove Diameter (G) mm <i>inches</i>	Thickness (t) mm <i>inches</i>	Groove Width (W) mm <i>inches</i>	Min. Extension (n) mm <i>inches</i>	Free OD (D) mm <i>inches</i>	Clearance in Bore (C) mm <i>inches</i>	Clearance in Groove (C1) mm <i>inches</i>	Min. Hole Diameter (h) mm <i>inches</i>	Material
CCIN-025.00-CS	25.00 <i>0.984</i>	26.20 <i>1.031</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	26.90 <i>1.059</i>	15.50 <i>0.610</i>	17.20 <i>0.677</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-025.00-420	25.00 <i>0.984</i>	26.20 <i>1.031</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	26.90 <i>1.059</i>	15.50 <i>0.610</i>	17.20 <i>0.677</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-025.00-420-PK10	25.00 <i>0.984</i>	26.20 <i>1.031</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	1.80 <i>0.071</i>	26.90 <i>1.059</i>	15.50 <i>0.610</i>	17.20 <i>0.677</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-025.00H-CS	25.00 <i>0.984</i>	26.20 - 26.41	1.44 - 1.50	1.60 <i>0.063</i>		26.69 - 27.32				Carbon Spring Steel
# CCIN-025.40-420	25.40 <i>1.000</i>	27.08 <i>1.066</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	2.51 <i>0.099</i>	28.22 <i>1.111</i>	17.27 <i>0.680</i>	18.80 <i>0.740</i>	1.52 <i>0.060</i>	420 Stainless Steel
# CCIN-025.40-CS-PK10	25.40 <i>1.000</i>	27.08 <i>1.066</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	2.51 <i>0.099</i>	28.22 <i>1.111</i>	17.27 <i>0.680</i>	18.80 <i>0.740</i>	1.52 <i>0.060</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-025.40-420-PK10	25.40 <i>1.000</i>	27.08 <i>1.066</i>	1.07 <i>0.042</i>	1.17 <i>0.046</i>	2.51 <i>0.099</i>	28.22 <i>1.111</i>	17.27 <i>0.680</i>	18.80 <i>0.740</i>	1.52 <i>0.060</i>	420 Stainless Steel

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-025.40-CS	25.40	27.08	1.07	1.17	2.51	28.22	17.27	18.80	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>1.000</i>	<i>1.066</i>	<i>0.042</i>	<i>0.046</i>	<i>0.099</i>	<i>1.111</i>	<i>0.680</i>	<i>0.740</i>	<i>0.060</i>	
# CCIN-025.98-420	25.98	27.71	1.07	1.17	2.59	28.85	17.78	19.30	1.52	420 Stainless
	<i>1.023</i>	<i>1.091</i>	<i>0.042</i>	<i>0.046</i>	<i>0.102</i>	<i>1.136</i>	<i>0.700</i>	<i>0.760</i>	<i>0.060</i>	
# CCIN-025.98-420-PK10	25.98	27.71	1.07	1.17	2.59	28.85	17.78	19.30	1.52	420 Stainless
	<i>1.023</i>	<i>1.091</i>	<i>0.042</i>	<i>0.046</i>	<i>0.102</i>	<i>1.136</i>	<i>0.700</i>	<i>0.760</i>	<i>0.060</i>	
# CCIN-025.98-CS	25.98	27.71	1.07	1.17	2.59	28.85	17.78	19.30	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>1.023</i>	<i>1.091</i>	<i>0.042</i>	<i>0.046</i>	<i>0.102</i>	<i>1.136</i>	<i>0.700</i>	<i>0.760</i>	<i>0.060</i>	
# CCIN-025.98-CS-PK10	25.98	27.71	1.07	1.17	2.59	28.85	17.78	19.30	1.52	Carbon Spring Steel. Phosphate and oil finish
	<i>1.023</i>	<i>1.091</i>	<i>0.042</i>	<i>0.046</i>	<i>0.102</i>	<i>1.136</i>	<i>0.700</i>	<i>0.760</i>	<i>0.060</i>	
# CCIN-026.00-420-PK10	26.00	27.20	1.20	1.30	1.80	27.90	16.10	17.80	2.00	420 Stainless
	<i>1.024</i>	<i>1.071</i>	<i>0.047</i>	<i>0.051</i>	<i>0.071</i>	<i>1.098</i>	<i>0.634</i>	<i>0.701</i>	<i>0.079</i>	
# CCIN-026.00-420	26.00	27.20	1.20	1.30	1.80	27.90	16.10	17.80	2.00	420 Stainless
	<i>1.024</i>	<i>1.071</i>	<i>0.047</i>	<i>0.051</i>	<i>0.071</i>	<i>1.098</i>	<i>0.634</i>	<i>0.701</i>	<i>0.079</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-026.00-CS-PK10	26.00	27.20	1.20	1.30	1.80	27.90	16.10	17.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.024</i>	<i>1.071</i>	<i>0.047</i>	<i>0.051</i>	<i>0.071</i>	<i>1.098</i>	<i>0.634</i>	<i>0.701</i>	<i>0.079</i>	
CCIN-026.00-CS	26.00	27.20	1.20	1.30	1.80	27.90	16.10	17.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.024</i>	<i>1.071</i>	<i>0.047</i>	<i>0.051</i>	<i>0.071</i>	<i>1.098</i>	<i>0.634</i>	<i>0.701</i>	<i>0.079</i>	
# CCIN-026.00H-CS	26.00	27.20 - 27.41	1.44 - 1.50	1.60		27.69 - 28.32				Carbon Spring Steel
	<i>1.024</i>			<i>0.063</i>						
# CCIN-026.97-420	26.97	28.70	1.27	1.42	2.59	29.97	17.53	19.05	1.93	420 Stainless
	<i>1.062</i>	<i>1.130</i>	<i>0.050</i>	<i>0.056</i>	<i>0.102</i>	<i>1.180</i>	<i>0.690</i>	<i>0.750</i>	<i>0.076</i>	
# CCIN-026.97-420-PK10	26.97	28.70	1.27	1.42	2.59	29.97	17.53	19.05	1.93	420 Stainless
	<i>1.062</i>	<i>1.130</i>	<i>0.050</i>	<i>0.056</i>	<i>0.102</i>	<i>1.180</i>	<i>0.690</i>	<i>0.750</i>	<i>0.076</i>	
# CCIN-026.97-CS-PK10	26.97	28.70	1.27	1.42	2.59	29.97	17.53	19.05	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.062</i>	<i>1.130</i>	<i>0.050</i>	<i>0.056</i>	<i>0.102</i>	<i>1.180</i>	<i>0.690</i>	<i>0.750</i>	<i>0.076</i>	
# CCIN-026.97-CS	26.97	28.70	1.27	1.42	2.59	29.97	17.53	19.05	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.062</i>	<i>1.130</i>	<i>0.050</i>	<i>0.056</i>	<i>0.102</i>	<i>1.180</i>	<i>0.690</i>	<i>0.750</i>	<i>0.076</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-027.00-420	27.00 <i>1.063</i>	28.40 <i>1.118</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	29.10 <i>1.146</i>	17.10 <i>0.673</i>	19.00 <i>0.748</i>	2.00 <i>0.079</i>	420 Stainless
CCIN-027.00-CS	27.00 <i>1.063</i>	28.40 <i>1.118</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	29.10 <i>1.146</i>	17.10 <i>0.673</i>	19.00 <i>0.748</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-027.00-420-PK10	27.00 <i>1.063</i>	28.40 <i>1.118</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	29.10 <i>1.146</i>	17.10 <i>0.673</i>	19.00 <i>0.748</i>	2.00 <i>0.079</i>	420 Stainless
# CCIN-027.00-CS-PK10	27.00 <i>1.063</i>	28.40 <i>1.118</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	29.10 <i>1.146</i>	17.10 <i>0.673</i>	19.00 <i>0.748</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-027.00H-CS	27.00 <i>1.063</i>	28.40 - 28.61	1.44 - 1.50	1.60 <i>0.063</i>		28.85 - 29.60				Carbon Spring Steel
CCIN-028.00-CS	28.00 <i>1.102</i>	29.40 <i>1.157</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	30.10 <i>1.185</i>	17.90 <i>0.705</i>	19.80 <i>0.780</i>	2.00 <i>0.079</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-028.00-420	28.00 <i>1.102</i>	29.40 <i>1.157</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.10 <i>0.083</i>	30.10 <i>1.185</i>	17.90 <i>0.705</i>	19.80 <i>0.780</i>	2.00 <i>0.079</i>	420 Stainless

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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>	
# CCIN-028.00-CS-PK10	28.00	29.40	1.20	1.30	2.10	30.10	17.90	19.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.102</i>	<i>1.157</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.185</i>	<i>0.705</i>	<i>0.780</i>	<i>0.079</i>	
# CCIN-028.00-420-PK10	28.00	29.40	1.20	1.30	2.10	30.10	17.90	19.80	2.00	420 Stainless
	<i>1.102</i>	<i>1.157</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.185</i>	<i>0.705</i>	<i>0.780</i>	<i>0.079</i>	
# CCIN-028.00H-CS	28.00	29.40 - 29.61	1.44 - 1.50	1.60		29.85 - 30.60				Carbon Spring Steel
	<i>1.102</i>			<i>0.063</i>						
# CCIN-028.58-CS-PK10	28.58	30.40	1.27	1.42	2.74	31.72	19.05	20.83	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.125</i>	<i>1.197</i>	<i>0.050</i>	<i>0.056</i>	<i>0.108</i>	<i>1.249</i>	<i>0.750</i>	<i>0.820</i>	<i>0.076</i>	
# CCIN-028.58-CS	28.58	30.40	1.27	1.42	2.74	31.72	19.05	20.83	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.125</i>	<i>1.197</i>	<i>0.050</i>	<i>0.056</i>	<i>0.108</i>	<i>1.249</i>	<i>0.750</i>	<i>0.820</i>	<i>0.076</i>	
# CCIN-028.58-420-PK10	28.58	30.40	1.27	1.42	2.74	31.72	19.05	20.83	1.93	420 Stainless
	<i>1.125</i>	<i>1.197</i>	<i>0.050</i>	<i>0.056</i>	<i>0.108</i>	<i>1.249</i>	<i>0.750</i>	<i>0.820</i>	<i>0.076</i>	
# CCIN-028.58-420	28.58	30.40	1.27	1.42	2.74	31.72	19.05	20.83	1.93	420 Stainless
	<i>1.125</i>	<i>1.197</i>	<i>0.050</i>	<i>0.056</i>	<i>0.108</i>	<i>1.249</i>	<i>0.750</i>	<i>0.820</i>	<i>0.076</i>	
# CCIN-029.00-420-PK10	29.00	30.40	1.20	1.30	2.10	31.10	18.90	20.80	2.00	420 Stainless
	<i>1.142</i>	<i>1.197</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.224</i>	<i>0.744</i>	<i>0.819</i>	<i>0.079</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-029.00-CS	29.00	30.40	1.20	1.30	2.10	31.10	18.90	20.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.142</i>	<i>1.197</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.224</i>	<i>0.744</i>	<i>0.819</i>	<i>0.079</i>	
# CCIN-029.00-CS-PK10	29.00	30.40	1.20	1.30	2.10	31.10	18.90	20.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.142</i>	<i>1.197</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.224</i>	<i>0.744</i>	<i>0.819</i>	<i>0.079</i>	
# CCIN-029.00-420	29.00	30.40	1.20	1.30	2.10	31.10	18.90	20.80	2.00	420 Stainless
	<i>1.142</i>	<i>1.197</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.224</i>	<i>0.744</i>	<i>0.819</i>	<i>0.079</i>	
# CCIN-030.00-420-PK10	30.00	31.40	1.20	1.30	2.10	32.10	19.90	21.80	2.00	420 Stainless
	<i>1.181</i>	<i>1.236</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.264</i>	<i>0.783</i>	<i>0.858</i>	<i>0.079</i>	
# CCIN-030.00-420	30.00	31.40	1.20	1.30	2.10	32.10	19.90	21.80	2.00	420 Stainless
	<i>1.181</i>	<i>1.236</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.264</i>	<i>0.783</i>	<i>0.858</i>	<i>0.079</i>	
CCIN-030.00-CS	30.00	31.40	1.20	1.30	2.10	32.10	19.90	21.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.181</i>	<i>1.236</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.264</i>	<i>0.783</i>	<i>0.858</i>	<i>0.079</i>	
# CCIN-030.00-CS-PK10	30.00	31.40	1.20	1.30	2.10	32.10	19.90	21.80	2.00	Carbon Spring Steel. Phosphate and oil finish
	<i>1.181</i>	<i>1.236</i>	<i>0.047</i>	<i>0.051</i>	<i>0.083</i>	<i>1.264</i>	<i>0.783</i>	<i>0.858</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>	
# CCIN-030.00H-CS	30.00	31.40 - 31.65	1.44 - 1.50	1.60		31.85 - 32.60				Carbon Spring Steel
	<i>1.181</i>			<i>0.063</i>						
# CCIN-030.18-CS-PK10	30.18	32.05	1.27	1.42	2.82	33.50	20.57	22.35	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.188</i>	<i>1.262</i>	<i>0.050</i>	<i>0.056</i>	<i>0.111</i>	<i>1.319</i>	<i>0.810</i>	<i>0.880</i>	<i>0.076</i>	
# CCIN-030.18-CS	30.18	32.05	1.27	1.42	2.82	33.50	20.57	22.35	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.188</i>	<i>1.262</i>	<i>0.050</i>	<i>0.056</i>	<i>0.111</i>	<i>1.319</i>	<i>0.810</i>	<i>0.880</i>	<i>0.076</i>	
# CCIN-030.18-420-PK10	30.18	32.05	1.27	1.42	2.82	33.50	20.57	22.35	1.93	420 Stainless
	<i>1.188</i>	<i>1.262</i>	<i>0.050</i>	<i>0.056</i>	<i>0.111</i>	<i>1.319</i>	<i>0.810</i>	<i>0.880</i>	<i>0.076</i>	
# CCIN-030.18-420	30.18	32.05	1.27	1.42	2.82	33.50	20.57	22.35	1.93	420 Stainless
	<i>1.188</i>	<i>1.262</i>	<i>0.050</i>	<i>0.056</i>	<i>0.111</i>	<i>1.319</i>	<i>0.810</i>	<i>0.880</i>	<i>0.076</i>	
# CCIN-031.00-420-PK10	31.00	32.70	1.20	1.30	2.60	33.40	20.00	22.30	2.50	420 Stainless
	<i>1.220</i>	<i>1.287</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.315</i>	<i>0.787</i>	<i>0.878</i>	<i>0.098</i>	
# CCIN-031.00-420	31.00	32.70	1.20	1.30	2.60	33.40	20.00	22.30	2.50	420 Stainless
	<i>1.220</i>	<i>1.287</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.315</i>	<i>0.787</i>	<i>0.878</i>	<i>0.098</i>	
# CCIN-031.00-CS	31.00	32.70	1.20	1.30	2.60	33.40	20.00	22.30	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.220</i>	<i>1.287</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.315</i>	<i>0.787</i>	<i>0.878</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>	
# CCIN-031.00-CS-PK10	31.00	32.70	1.20	1.30	2.60	33.40	20.00	22.30	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.220</i>	<i>1.287</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.315</i>	<i>0.787</i>	<i>0.878</i>	<i>0.098</i>	
# CCIN-031.75-420	31.75	33.78	1.27	1.42	3.05	35.26	22.35	24.13	1.93	420 Stainless
	<i>1.250</i>	<i>1.330</i>	<i>0.050</i>	<i>0.056</i>	<i>0.120</i>	<i>1.388</i>	<i>0.880</i>	<i>0.950</i>	<i>0.076</i>	
# CCIN-031.75-420-PK10	31.75	33.78	1.27	1.42	3.05	35.26	22.35	24.13	1.93	420 Stainless
	<i>1.250</i>	<i>1.330</i>	<i>0.050</i>	<i>0.056</i>	<i>0.120</i>	<i>1.388</i>	<i>0.880</i>	<i>0.950</i>	<i>0.076</i>	
# CCIN-031.75-CS	31.75	33.78	1.27	1.42	3.05	35.26	22.35	24.13	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.250</i>	<i>1.330</i>	<i>0.050</i>	<i>0.056</i>	<i>0.120</i>	<i>1.388</i>	<i>0.880</i>	<i>0.950</i>	<i>0.076</i>	
# CCIN-031.75-CS-PK10	31.75	33.78	1.27	1.42	3.05	35.26	22.35	24.13	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.250</i>	<i>1.330</i>	<i>0.050</i>	<i>0.056</i>	<i>0.120</i>	<i>1.388</i>	<i>0.880</i>	<i>0.950</i>	<i>0.076</i>	
# CCIN-032.00-420	32.00	33.70	1.20	1.30	2.60	34.40	20.60	22.90	2.50	420 Stainless
	<i>1.260</i>	<i>1.327</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.354</i>	<i>0.811</i>	<i>0.902</i>	<i>0.098</i>	
# CCIN-032.00-CS-PK10	32.00	33.70	1.20	1.30	2.60	34.40	20.60	22.90	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.260</i>	<i>1.327</i>	<i>0.047</i>	<i>0.051</i>	<i>0.102</i>	<i>1.354</i>	<i>0.811</i>	<i>0.902</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>	
# CCIN-032.00-420-PK10	32.00 <i>1.260</i>	33.70 <i>1.327</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	34.40 <i>1.354</i>	20.60 <i>0.811</i>	22.90 <i>0.902</i>	2.50 <i>0.098</i>	420 Stainless
CCIN-032.00-CS	32.00 <i>1.260</i>	33.70 <i>1.327</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	34.40 <i>1.354</i>	20.60 <i>0.811</i>	22.90 <i>0.902</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-032.00H-CS	32.00 <i>1.260</i>	33.70 - 33.95	1.44 - 1.50	1.60 <i>0.063</i>		34.15 - 34.90				Carbon Spring Steel
# CCIN-033.00-CS	33.00 <i>1.299</i>	34.70 <i>1.366</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	35.50 <i>1.398</i>	21.60 <i>0.850</i>	23.90 <i>0.941</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-033.00-420-PK10	33.00 <i>1.299</i>	34.70 <i>1.366</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	35.50 <i>1.398</i>	21.60 <i>0.850</i>	23.90 <i>0.941</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-033.00-CS-PK10	33.00 <i>1.299</i>	34.70 <i>1.366</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	35.50 <i>1.398</i>	21.60 <i>0.850</i>	23.90 <i>0.941</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-033.00-420	33.00 <i>1.299</i>	34.70 <i>1.366</i>	1.20 <i>0.047</i>	1.30 <i>0.051</i>	2.60 <i>0.102</i>	35.50 <i>1.398</i>	21.60 <i>0.850</i>	23.90 <i>0.941</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-033.32-420-PK10	33.32 <i>1.312</i>	35.46 <i>1.396</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.20 <i>0.126</i>	36.98 <i>1.456</i>	23.88 <i>0.940</i>	25.91 <i>1.020</i>	1.93 <i>0.076</i>	420 Stainless

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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>	
# CCIN-033.32-420	33.32 <i>1.312</i>	35.46 <i>1.396</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.20 <i>0.126</i>	36.98 <i>1.456</i>	23.88 <i>0.940</i>	25.91 <i>1.020</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-033.32-CS-PK10	33.32 <i>1.312</i>	35.46 <i>1.396</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.20 <i>0.126</i>	36.98 <i>1.456</i>	23.88 <i>0.940</i>	25.91 <i>1.020</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-033.32-CS	33.32 <i>1.312</i>	35.46 <i>1.396</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.20 <i>0.126</i>	36.98 <i>1.456</i>	23.88 <i>0.940</i>	25.91 <i>1.020</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-034.00-CS-PK10	34.00 <i>1.339</i>	35.70 <i>1.406</i>	1.50 <i>0.059</i>	1.60 <i>0.063</i>	2.60 <i>0.102</i>	36.50 <i>1.437</i>	22.60 <i>0.890</i>	24.90 <i>0.980</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-034.00-420-PK10	34.00 <i>1.339</i>	35.70 <i>1.406</i>	1.50 <i>0.059</i>	1.60 <i>0.063</i>	2.60 <i>0.102</i>	36.50 <i>1.437</i>	22.60 <i>0.890</i>	24.90 <i>0.980</i>	2.50 <i>0.098</i>	420 Stainless
CCIN-034.00-CS	34.00 <i>1.339</i>	35.70 <i>1.406</i>	1.50 <i>0.059</i>	1.60 <i>0.063</i>	2.60 <i>0.102</i>	36.50 <i>1.437</i>	22.60 <i>0.890</i>	24.90 <i>0.980</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-034.00-420	34.00 <i>1.339</i>	35.70 <i>1.406</i>	1.50 <i>0.059</i>	1.60 <i>0.063</i>	2.60 <i>0.102</i>	36.50 <i>1.437</i>	22.60 <i>0.890</i>	24.90 <i>0.980</i>	2.50 <i>0.098</i>	420 Stainless

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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>	
# CCIN-034.00H-CS	34.00	35.70 - 35.95	1.69 - 1.75	1.85		36.25 - 37.00				Carbon Spring Steel
	<i>1.339</i>			<i>0.073</i>						
# CCIN-034.93-CS-PK10	34.93	37.11	1.27	1.42	3.28	38.76	25.40	27.43	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.375</i>	<i>1.461</i>	<i>0.050</i>	<i>0.056</i>	<i>0.129</i>	<i>1.526</i>	<i>1.000</i>	<i>1.080</i>	<i>0.076</i>	
# CCIN-034.93-CS	34.93	37.11	1.27	1.42	3.28	38.76	25.40	27.43	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.375</i>	<i>1.461</i>	<i>0.050</i>	<i>0.056</i>	<i>0.129</i>	<i>1.526</i>	<i>1.000</i>	<i>1.080</i>	<i>0.076</i>	
# CCIN-034.93-420-PK10	34.93	37.11	1.27	1.42	3.28	38.76	25.40	27.43	1.93	420 Stainless
	<i>1.375</i>	<i>1.461</i>	<i>0.050</i>	<i>0.056</i>	<i>0.129</i>	<i>1.526</i>	<i>1.000</i>	<i>1.080</i>	<i>0.076</i>	
# CCIN-034.93-420	34.93	37.11	1.27	1.42	3.28	38.76	25.40	27.43	1.93	420 Stainless
	<i>1.375</i>	<i>1.461</i>	<i>0.050</i>	<i>0.056</i>	<i>0.129</i>	<i>1.526</i>	<i>1.000</i>	<i>1.080</i>	<i>0.076</i>	
# CCIN-035.00-CS-PK10	35.00	37.00	1.50	1.60	3.00	37.80	23.60	26.20	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.378</i>	<i>1.457</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.488</i>	<i>0.929</i>	<i>1.031</i>	<i>0.098</i>	
CCIN-035.00-420	35.00	37.00	1.50	1.60	3.00	37.80	23.60	26.20	2.50	420 Stainless
	<i>1.378</i>	<i>1.457</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.488</i>	<i>0.929</i>	<i>1.031</i>	<i>0.098</i>	
# CCIN-035.00-420-PK10	35.00	37.00	1.50	1.60	3.00	37.80	23.60	26.20	2.50	420 Stainless
	<i>1.378</i>	<i>1.457</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.488</i>	<i>0.929</i>	<i>1.031</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>	
CCIN-035.00-CS	35.00	37.00	1.50	1.60	3.00	37.80	23.60	26.20	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.378</i>	<i>1.457</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.488</i>	<i>0.929</i>	<i>1.031</i>	<i>0.098</i>	
# CCIN-035.00H-CS	35.00	37.00 - 37.25	1.69 - 1.75	1.85		37.55 - 38.30				Carbon Spring Steel
	<i>1.378</i>			<i>0.073</i>						
# CCIN-036.00-CS-PK10	36.00	38.00	1.50	1.60	3.00	38.80	24.60	27.20	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.417</i>	<i>1.496</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.528</i>	<i>0.969</i>	<i>1.071</i>	<i>0.098</i>	
# CCIN-036.00-420-PK10	36.00	38.00	1.50	1.60	3.00	38.80	24.60	27.20	2.50	420 Stainless
	<i>1.417</i>	<i>1.496</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.528</i>	<i>0.969</i>	<i>1.071</i>	<i>0.098</i>	
# CCIN-036.00-420	36.00	38.00	1.50	1.60	3.00	38.80	24.60	27.20	2.50	420 Stainless
	<i>1.417</i>	<i>1.496</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.528</i>	<i>0.969</i>	<i>1.071</i>	<i>0.098</i>	
CCIN-036.00-CS	36.00	38.00	1.50	1.60	3.00	38.80	24.60	27.20	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.417</i>	<i>1.496</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.528</i>	<i>0.969</i>	<i>1.071</i>	<i>0.098</i>	
# CCIN-036.53-CS-PK10	36.53	38.81	1.27	1.42	3.43	40.54	26.92	29.21	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.438</i>	<i>1.528</i>	<i>0.050</i>	<i>0.056</i>	<i>0.135</i>	<i>1.596</i>	<i>1.060</i>	<i>1.150</i>	<i>0.076</i>	

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Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-036.53-CS	36.53	38.81	1.27	1.42	3.43	40.54	26.92	29.21	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.438</i>	<i>1.528</i>	<i>0.050</i>	<i>0.056</i>	<i>0.135</i>	<i>1.596</i>	<i>1.060</i>	<i>1.150</i>	<i>0.076</i>	
# CCIN-036.53-420	36.53	38.81	1.27	1.42	3.43	40.54	26.92	29.21	1.93	420 Stainless
	<i>1.438</i>	<i>1.528</i>	<i>0.050</i>	<i>0.056</i>	<i>0.135</i>	<i>1.596</i>	<i>1.060</i>	<i>1.150</i>	<i>0.076</i>	
# CCIN-036.53-420-PK10	36.53	38.81	1.27	1.42	3.43	40.54	26.92	29.21	1.93	420 Stainless
	<i>1.438</i>	<i>1.528</i>	<i>0.050</i>	<i>0.056</i>	<i>0.135</i>	<i>1.596</i>	<i>1.060</i>	<i>1.150</i>	<i>0.076</i>	
# CCIN-036.98-420	36.98	39.32	1.27	1.42	3.51	41.05	27.43	29.72	1.93	420 Stainless
	<i>1.456</i>	<i>1.548</i>	<i>0.050</i>	<i>0.056</i>	<i>0.138</i>	<i>1.616</i>	<i>1.080</i>	<i>1.170</i>	<i>0.076</i>	
# CCIN-036.98-420-PK10	36.98	39.32	1.27	1.42	3.51	41.05	27.43	29.72	1.93	420 Stainless
	<i>1.456</i>	<i>1.548</i>	<i>0.050</i>	<i>0.056</i>	<i>0.138</i>	<i>1.616</i>	<i>1.080</i>	<i>1.170</i>	<i>0.076</i>	
# CCIN-036.98-CS-PK10	36.98	39.32	1.27	1.42	3.51	41.05	27.43	29.72	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.456</i>	<i>1.548</i>	<i>0.050</i>	<i>0.056</i>	<i>0.138</i>	<i>1.616</i>	<i>1.080</i>	<i>1.170</i>	<i>0.076</i>	
# CCIN-036.98-CS	36.98	39.32	1.27	1.42	3.51	41.05	27.43	29.72	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.456</i>	<i>1.548</i>	<i>0.050</i>	<i>0.056</i>	<i>0.138</i>	<i>1.616</i>	<i>1.080</i>	<i>1.170</i>	<i>0.076</i>	
# CCIN-037.00-420	37.00	39.00	1.50	1.60	3.00	39.80	25.40	28.00	2.50	420 Stainless
	<i>1.457</i>	<i>1.535</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.567</i>	<i>1.000</i>	<i>1.102</i>	<i>0.098</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-037.00-CS	37.00	39.00	1.50	1.60	3.00	39.80	25.40	28.00	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.457</i>	<i>1.535</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.567</i>	<i>1.000</i>	<i>1.102</i>	<i>0.098</i>	
# CCIN-037.00-CS-PK10	37.00	39.00	1.50	1.60	3.00	39.80	25.40	28.00	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.457</i>	<i>1.535</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.567</i>	<i>1.000</i>	<i>1.102</i>	<i>0.098</i>	
# CCIN-037.00-420-PK10	37.00	39.00	1.50	1.60	3.00	39.80	25.40	28.00	2.50	420 Stainless
	<i>1.457</i>	<i>1.535</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.567</i>	<i>1.000</i>	<i>1.102</i>	<i>0.098</i>	
# CCIN-037.00H-CS	37.00	39.00 - 39.25	1.69 - 1.75	1.85		38.55 - 40.30				Carbon Spring Steel
	<i>1.457</i>			<i>0.073</i>						
CCIN-038.00-CS	38.00	40.00	1.50	1.60	3.00	40.80	26.40	29.00	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.496</i>	<i>1.575</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.606</i>	<i>1.039</i>	<i>1.142</i>	<i>0.098</i>	
# CCIN-038.00-420	38.00	40.00	1.50	1.60	3.00	40.80	26.40	29.00	2.50	420 Stainless
	<i>1.496</i>	<i>1.575</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.606</i>	<i>1.039</i>	<i>1.142</i>	<i>0.098</i>	
# CCIN-038.00-CS-PK10	38.00	40.00	1.50	1.60	3.00	40.80	26.40	29.00	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.496</i>	<i>1.575</i>	<i>0.059</i>	<i>0.063</i>	<i>0.118</i>	<i>1.606</i>	<i>1.039</i>	<i>1.142</i>	<i>0.098</i>	

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Part Number	Bore (B) mm <i>inches</i>	Groove Diameter (G) mm <i>inches</i>	Thickness (t) mm <i>inches</i>	Groove Width (W) mm <i>inches</i>	Min. Extension (n) mm <i>inches</i>	Free OD (D) mm <i>inches</i>	Clearance in Bore (C) mm <i>inches</i>	Clearance in Groove (C1) mm <i>inches</i>	Min. Hole Diameter (h) mm <i>inches</i>	Material
# CCIN-038.00-420-PK10	38.00 <i>1.496</i>	40.00 <i>1.575</i>	1.50 <i>0.059</i>	1.60 <i>0.063</i>	3.00 <i>0.118</i>	40.80 <i>1.606</i>	26.40 <i>1.039</i>	29.00 <i>1.142</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-038.00H-CS	38.00 <i>1.496</i>	40.00 - 40.25	1.69 - 1.75	1.85 <i>0.073</i>		39.55 - 41.30				Carbon Spring Steel
# CCIN-038.10-CS	38.10 <i>1.500</i>	40.49 <i>1.594</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.58 <i>0.141</i>	42.16 <i>1.660</i>	28.70 <i>1.130</i>	30.99 <i>1.220</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-038.10-CS-PK10	38.10 <i>1.500</i>	40.49 <i>1.594</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.58 <i>0.141</i>	42.16 <i>1.660</i>	28.70 <i>1.130</i>	30.99 <i>1.220</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-038.10-420-PK10	38.10 <i>1.500</i>	40.49 <i>1.594</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.58 <i>0.141</i>	42.16 <i>1.660</i>	28.70 <i>1.130</i>	30.99 <i>1.220</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-038.10-420	38.10 <i>1.500</i>	40.49 <i>1.594</i>	1.27 <i>0.050</i>	1.42 <i>0.056</i>	3.58 <i>0.141</i>	42.16 <i>1.660</i>	28.70 <i>1.130</i>	30.99 <i>1.220</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-039.00-CS	39.00 <i>1.535</i>	41.00 - 41.25	1.44 - 1.50	1.60 <i>0.063</i>		41.61 - 42.90				Carbon Spring Steel
# CCIN-039.67-420	39.67 <i>1.562</i>	42.11 <i>1.658</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.66 <i>0.144</i>	44.04 <i>1.734</i>	29.21 <i>1.150</i>	31.50 <i>1.240</i>	1.93 <i>0.076</i>	420 Stainless

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-039.67-420-PK10	39.67 <i>1.562</i>	42.11 <i>1.658</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.66 <i>0.144</i>	44.04 <i>1.734</i>	29.21 <i>1.150</i>	31.50 <i>1.240</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-039.67-CS	39.67 <i>1.562</i>	42.11 <i>1.658</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.66 <i>0.144</i>	44.04 <i>1.734</i>	29.21 <i>1.150</i>	31.50 <i>1.240</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-040.00-420-PK10	40.00 <i>1.575</i>	42.50 <i>1.673</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	43.50 <i>1.713</i>	27.80 <i>1.094</i>	30.90 <i>1.217</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-040.00-420	40.00 <i>1.575</i>	42.50 <i>1.673</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	43.50 <i>1.713</i>	27.80 <i>1.094</i>	30.90 <i>1.217</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-040.00-CS-PK10	40.00 <i>1.575</i>	42.50 <i>1.673</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	43.50 <i>1.713</i>	27.80 <i>1.094</i>	30.90 <i>1.217</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-040.00-CS	40.00 <i>1.575</i>	42.50 <i>1.673</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	43.50 <i>1.713</i>	27.80 <i>1.094</i>	30.90 <i>1.217</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-040.00H-CS	40.00 <i>1.575</i>	42.50 - 42.75	1.93 - 2.00	2.15 <i>0.085</i>		43.11 - 44.40				Carbon Spring Steel
# CCIN-041.00-420	41.00 <i>1.614</i>	43.50 <i>1.713</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	44.50 <i>1.752</i>	28.60 <i>1.126</i>	31.70 <i>1.248</i>	2.50 <i>0.098</i>	420 Stainless

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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>	
# CCIN-041.00-420-PK10	41.00 <i>1.614</i>	43.50 <i>1.713</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	44.50 <i>1.752</i>	28.60 <i>1.126</i>	31.70 <i>1.248</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-041.00-CS-PK10	41.00 <i>1.614</i>	43.50 <i>1.713</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	44.50 <i>1.752</i>	28.60 <i>1.126</i>	31.70 <i>1.248</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
CCIN-041.00-CS	41.00 <i>1.614</i>	43.50 <i>1.713</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	44.50 <i>1.752</i>	28.60 <i>1.126</i>	31.70 <i>1.248</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-041.28-CS-PK10	41.28 <i>1.625</i>	43.82 <i>1.725</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.81 <i>0.150</i>	45.82 <i>1.804</i>	30.73 <i>1.210</i>	33.27 <i>1.310</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-041.28-CS	41.28 <i>1.625</i>	43.82 <i>1.725</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.81 <i>0.150</i>	45.82 <i>1.804</i>	30.73 <i>1.210</i>	33.27 <i>1.310</i>	1.93 <i>0.076</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-041.28-420	41.28 <i>1.625</i>	43.82 <i>1.725</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.81 <i>0.150</i>	45.82 <i>1.804</i>	30.73 <i>1.210</i>	33.27 <i>1.310</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-041.28-420-PK10	41.28 <i>1.625</i>	43.82 <i>1.725</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.81 <i>0.150</i>	45.82 <i>1.804</i>	30.73 <i>1.210</i>	33.27 <i>1.310</i>	1.93 <i>0.076</i>	420 Stainless

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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>	
# CCIN-041.99-CS	41.99	44.58	1.57	1.73	3.89	46.61	31.50	34.04	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.653</i>	<i>1.755</i>	<i>0.062</i>	<i>0.068</i>	<i>0.153</i>	<i>1.835</i>	<i>1.240</i>	<i>1.340</i>	<i>0.076</i>	
# CCIN-041.99-CS-PK10	41.99	44.58	1.57	1.73	3.89	46.61	31.50	34.04	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.653</i>	<i>1.755</i>	<i>0.062</i>	<i>0.068</i>	<i>0.153</i>	<i>1.835</i>	<i>1.240</i>	<i>1.340</i>	<i>0.076</i>	
# CCIN-041.99-420-PK10	41.99	44.58	1.57	1.73	3.89	46.61	31.50	34.04	1.93	420 Stainless
	<i>1.653</i>	<i>1.755</i>	<i>0.062</i>	<i>0.068</i>	<i>0.153</i>	<i>1.835</i>	<i>1.240</i>	<i>1.340</i>	<i>0.076</i>	
# CCIN-041.99-420	41.99	44.58	1.57	1.73	3.89	46.61	31.50	34.04	1.93	420 Stainless
	<i>1.653</i>	<i>1.755</i>	<i>0.062</i>	<i>0.068</i>	<i>0.153</i>	<i>1.835</i>	<i>1.240</i>	<i>1.340</i>	<i>0.076</i>	
# CCIN-042.00-CS-PK10	42.00	44.50	1.75	1.85	3.80	45.50	29.60	32.70	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.654</i>	<i>1.752</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.791</i>	<i>1.165</i>	<i>1.287</i>	<i>0.098</i>	
CCIN-042.00-CS	42.00	44.50	1.75	1.85	3.80	45.50	29.60	32.70	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.654</i>	<i>1.752</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.791</i>	<i>1.165</i>	<i>1.287</i>	<i>0.098</i>	
# CCIN-042.00-420-PK10	42.00	44.50	1.75	1.85	3.80	45.50	29.60	32.70	2.50	420 Stainless
	<i>1.654</i>	<i>1.752</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.791</i>	<i>1.165</i>	<i>1.287</i>	<i>0.098</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-042.00-420	42.00 <i>1.654</i>	44.50 <i>1.752</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	45.50 <i>1.791</i>	29.60 <i>1.165</i>	32.70 <i>1.287</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-042.00H-CS	42.00 <i>1.654</i>	44.50 - 44.75	1.93 - 2.00	2.15 <i>0.085</i>		45.11 - 46.40				Carbon Spring Steel
# CCIN-042.88-420-PK10	42.88 <i>1.688</i>	45.52 <i>1.792</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.96 <i>0.156</i>	47.60 <i>1.874</i>	32.26 <i>1.270</i>	35.05 <i>1.380</i>	1.93 <i>0.076</i>	420 Stainless Steel
# CCIN-042.88-420	42.88 <i>1.688</i>	45.52 <i>1.792</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	3.96 <i>0.156</i>	47.60 <i>1.874</i>	32.26 <i>1.270</i>	35.05 <i>1.380</i>	1.93 <i>0.076</i>	420 Stainless Steel
# CCIN-043.00-CS	43.00 <i>1.693</i>	45.50 - 45.75	1.69 - 1.75	1.85 <i>0.073</i>		46.11 - 47.40				Carbon Spring Steel
# CCIN-044.00-CS	44.00 <i>1.732</i>	46.50 - 46.75	1.69 - 1.75	1.85 <i>0.073</i>		47.11 - 48.40				Carbon Spring Steel
# CCIN-044.45-420-PK10	44.45 <i>1.750</i>	47.19 <i>1.858</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.11 <i>0.162</i>	49.33 <i>1.942</i>	34.04 <i>1.340</i>	36.58 <i>1.440</i>	1.93 <i>0.076</i>	420 Stainless
# CCIN-044.45-420	44.45 <i>1.750</i>	47.19 <i>1.858</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.11 <i>0.162</i>	49.33 <i>1.942</i>	34.04 <i>1.340</i>	36.58 <i>1.440</i>	1.93 <i>0.076</i>	420 Stainless

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-044.45-CS	44.45	47.19	1.57	1.73	4.11	49.33	34.04	36.58	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.750</i>	<i>1.858</i>	<i>0.062</i>	<i>0.068</i>	<i>0.162</i>	<i>1.942</i>	<i>1.340</i>	<i>1.440</i>	<i>0.076</i>	
# CCIN-044.45-CS-PK10	44.45	47.19	1.57	1.73	4.11	49.33	34.04	36.58	1.93	Carbon Spring Steel. Phosphate and oil finish
	<i>1.750</i>	<i>1.858</i>	<i>0.062</i>	<i>0.068</i>	<i>0.162</i>	<i>1.942</i>	<i>1.340</i>	<i>1.440</i>	<i>0.076</i>	
CCIN-045.00-CS	45.00	47.50	1.75	1.85	3.80	48.50	32.00	35.10	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.772</i>	<i>1.870</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.909</i>	<i>1.260</i>	<i>1.382</i>	<i>0.098</i>	
# CCIN-045.00-420-PK10	45.00	47.50	1.75	1.85	3.80	48.50	32.00	35.10	2.50	420 Stainless
	<i>1.772</i>	<i>1.870</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.909</i>	<i>1.260</i>	<i>1.382</i>	<i>0.098</i>	
# CCIN-045.00-CS-PK10	45.00	47.50	1.75	1.85	3.80	48.50	32.00	35.10	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.772</i>	<i>1.870</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.909</i>	<i>1.260</i>	<i>1.382</i>	<i>0.098</i>	
# CCIN-045.00-420	45.00	47.50	1.75	1.85	3.80	48.50	32.00	35.10	2.50	420 Stainless
	<i>1.772</i>	<i>1.870</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.909</i>	<i>1.260</i>	<i>1.382</i>	<i>0.098</i>	
# CCIN-045.00H-CS	45.00	47.50 - 47.75	1.93 - 2.00	2.15		48.04 - 49.60				Carbon Spring Steel
	<i>1.772</i>			<i>0.085</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>	
# CCIN-046.00-CS-PK10	46.00	48.50	1.75	1.85	3.80	49.50	33.00	36.10	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.811</i>	<i>1.909</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.949</i>	<i>1.299</i>	<i>1.421</i>	<i>0.098</i>	
# CCIN-046.00-CS	46.00	48.50	1.75	1.85	3.80	49.50	33.00	36.10	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.811</i>	<i>1.909</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>1.949</i>	<i>1.299</i>	<i>1.421</i>	<i>0.098</i>	
# CCIN-046.02-420-PK10	46.02	48.82	1.57	1.73	4.19	51.10	35.56	38.35	2.31	420 Stainless
	<i>1.812</i>	<i>1.922</i>	<i>0.062</i>	<i>0.068</i>	<i>0.165</i>	<i>2.012</i>	<i>1.400</i>	<i>1.510</i>	<i>0.091</i>	
# CCIN-046.02-420	46.02	48.82	1.57	1.73	4.19	51.10	35.56	38.35	2.31	420 Stainless
	<i>1.812</i>	<i>1.922</i>	<i>0.062</i>	<i>0.068</i>	<i>0.165</i>	<i>2.012</i>	<i>1.400</i>	<i>1.510</i>	<i>0.091</i>	
# CCIN-046.02-CS	46.02	48.82	1.57	1.73	4.19	51.10	35.56	38.35	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>1.812</i>	<i>1.922</i>	<i>0.062</i>	<i>0.068</i>	<i>0.165</i>	<i>2.012</i>	<i>1.400</i>	<i>1.510</i>	<i>0.091</i>	
# CCIN-046.02-CS-PK10	46.02	48.82	1.57	1.73	4.19	51.10	35.56	38.35	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>1.812</i>	<i>1.922</i>	<i>0.062</i>	<i>0.068</i>	<i>0.165</i>	<i>2.012</i>	<i>1.400</i>	<i>1.510</i>	<i>0.091</i>	
# CCIN-046.99-420	46.99	49.83	1.57	1.73	4.27	52.17	36.58	39.37	2.31	420 Stainless
	<i>1.850</i>	<i>1.962</i>	<i>0.062</i>	<i>0.068</i>	<i>0.168</i>	<i>2.054</i>	<i>1.440</i>	<i>1.550</i>	<i>0.091</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>	
# CCIN-046.99-420-PK10	46.99 <i>1.850</i>	49.83 <i>1.962</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.27 <i>0.168</i>	52.17 <i>2.054</i>	36.58 <i>1.440</i>	39.37 <i>1.550</i>	2.31 <i>0.091</i>	420 Stainless
# CCIN-046.99-CS	46.99 <i>1.850</i>	49.83 <i>1.962</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.27 <i>0.168</i>	52.17 <i>2.054</i>	36.58 <i>1.440</i>	39.37 <i>1.550</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-046.99-CS-PK10	46.99 <i>1.850</i>	49.83 <i>1.962</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.27 <i>0.168</i>	52.17 <i>2.054</i>	36.58 <i>1.440</i>	39.37 <i>1.550</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-047.00-420	47.00 <i>1.850</i>	49.50 <i>1.949</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	50.50 <i>1.988</i>	33.50 <i>1.319</i>	36.70 <i>1.445</i>	2.50 <i>0.098</i>	420 Stainless
CCIN-047.00-CS	47.00 <i>1.850</i>	49.50 <i>1.949</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	50.50 <i>1.988</i>	33.50 <i>1.319</i>	36.70 <i>1.445</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-047.00-CS-PK10	47.00 <i>1.850</i>	49.50 <i>1.949</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	50.50 <i>1.988</i>	33.50 <i>1.319</i>	36.70 <i>1.445</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-047.00-420-PK10	47.00 <i>1.850</i>	49.50 <i>1.949</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	50.50 <i>1.988</i>	33.50 <i>1.319</i>	36.70 <i>1.445</i>	2.50 <i>0.098</i>	420 Stainless

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-047.00H-CS	47.00	49.50 - 49.75	1.93 - 2.00	2.15		50.04 - 51.60				Carbon Spring Steel
	<i>1.850</i>			<i>0.085</i>						
# CCIN-047.63-CS-PK10	47.63	50.52	1.57	1.73	4.34	52.63	37.08	40.13	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>1.875</i>	<i>1.989</i>	<i>0.062</i>	<i>0.068</i>	<i>0.171</i>	<i>2.072</i>	<i>1.460</i>	<i>1.580</i>	<i>0.091</i>	
# CCIN-047.63-CS	47.63	50.52	1.57	1.73	4.34	52.63	37.08	40.13	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>1.875</i>	<i>1.989</i>	<i>0.062</i>	<i>0.068</i>	<i>0.171</i>	<i>2.072</i>	<i>1.460</i>	<i>1.580</i>	<i>0.091</i>	
# CCIN-047.63-420	47.63	50.52	1.57	1.73	4.34	52.63	37.08	40.13	2.31	420 Stainless
	<i>1.875</i>	<i>1.989</i>	<i>0.062</i>	<i>0.068</i>	<i>0.171</i>	<i>2.072</i>	<i>1.460</i>	<i>1.580</i>	<i>0.091</i>	
# CCIN-047.63-420-PK10	47.63	50.52	1.57	1.73	4.34	52.63	37.08	40.13	2.31	420 Stainless
	<i>1.875</i>	<i>1.989</i>	<i>0.062</i>	<i>0.068</i>	<i>0.171</i>	<i>2.072</i>	<i>1.460</i>	<i>1.580</i>	<i>0.091</i>	
CCIN-048.00-CS	48.00	50.50	1.75	1.85	3.80	51.50	34.50	37.70	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.890</i>	<i>1.988</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>2.028</i>	<i>1.358</i>	<i>1.484</i>	<i>0.098</i>	
# CCIN-048.00-CS-PK10	48.00	50.50	1.75	1.85	3.80	51.50	34.50	37.70	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>1.890</i>	<i>1.988</i>	<i>0.069</i>	<i>0.073</i>	<i>0.150</i>	<i>2.028</i>	<i>1.358</i>	<i>1.484</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>	
# CCIN-048.00-420-PK10	48.00 <i>1.890</i>	50.50 <i>1.988</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	51.50 <i>2.028</i>	34.50 <i>1.358</i>	37.70 <i>1.484</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-048.00-420	48.00 <i>1.890</i>	50.50 <i>1.988</i>	1.75 <i>0.069</i>	1.85 <i>0.073</i>	3.80 <i>0.150</i>	51.50 <i>2.028</i>	34.50 <i>1.358</i>	37.70 <i>1.484</i>	2.50 <i>0.098</i>	420 Stainless
# CCIN-049.23-CS-PK10	49.23 <i>1.938</i>	52.22 <i>2.056</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.50 <i>0.177</i>	54.38 <i>2.141</i>	38.61 <i>1.520</i>	41.66 <i>1.640</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-049.23-CS	49.23 <i>1.938</i>	52.22 <i>2.056</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.50 <i>0.177</i>	54.38 <i>2.141</i>	38.61 <i>1.520</i>	41.66 <i>1.640</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-049.23-420-PK10	49.23 <i>1.938</i>	52.22 <i>2.056</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.50 <i>0.177</i>	54.38 <i>2.141</i>	38.61 <i>1.520</i>	41.66 <i>1.640</i>	2.31 <i>0.091</i>	420 Stainless
# CCIN-049.23-420	49.23 <i>1.938</i>	52.22 <i>2.056</i>	1.57 <i>0.062</i>	1.73 <i>0.068</i>	4.50 <i>0.177</i>	54.38 <i>2.141</i>	38.61 <i>1.520</i>	41.66 <i>1.640</i>	2.31 <i>0.091</i>	420 Stainless
# CCIN-050.00-420	50.00 <i>1.969</i>	53.00 <i>2.087</i>	2.00 <i>0.079</i>	2.15 <i>0.085</i>	4.50 <i>0.177</i>	54.20 <i>2.134</i>	36.30 <i>1.429</i>	40.00 <i>1.575</i>	2.50 <i>0.098</i>	420 Stainless
CCIN-050.00-CS	50.00 <i>1.969</i>	53.00 <i>2.087</i>	2.00 <i>0.079</i>	2.15 <i>0.085</i>	4.50 <i>0.177</i>	54.20 <i>2.134</i>	36.30 <i>1.429</i>	40.00 <i>1.575</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish

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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>	
# CCIN-050.00H-CS	50.00	53.00 - 53.30	2.43 - 2.50	2.65		53.74 - 55.30				Carbon Spring Steel
	<i>1.969</i>			<i>0.104</i>						
# CCIN-050.80-CS	50.80	53.90	1.57	1.73	4.65	56.13	40.39	43.43	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>2.000</i>	<i>2.122</i>	<i>0.062</i>	<i>0.068</i>	<i>0.183</i>	<i>2.210</i>	<i>1.590</i>	<i>1.710</i>	<i>0.091</i>	
# CCIN-050.80-420	50.80	53.90	1.57	1.73	4.65	56.13	40.39	43.43	2.31	420 Stainless
	<i>2.000</i>	<i>2.122</i>	<i>0.062</i>	<i>0.068</i>	<i>0.183</i>	<i>2.210</i>	<i>1.590</i>	<i>1.710</i>	<i>0.091</i>	
# CCIN-051.00-420	51.00	54.00	2.00	2.15	4.50	55.20	37.30	41.00	2.50	420 Stainless
	<i>2.008</i>	<i>2.126</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.173</i>	<i>1.469</i>	<i>1.614</i>	<i>0.098</i>	
CCIN-051.00-CS	51.00	54.00	2.00	2.15	4.50	55.20	37.30	41.00	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.008</i>	<i>2.126</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.173</i>	<i>1.469</i>	<i>1.614</i>	<i>0.098</i>	
CCIN-052.00-CS	52.00	55.00	2.00	2.15	4.50	56.20	37.90	41.60	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.047</i>	<i>2.165</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.213</i>	<i>1.492</i>	<i>1.638</i>	<i>0.098</i>	
# CCIN-052.00-420	52.00	55.00	2.00	2.15	4.50	56.20	37.90	41.60	2.50	420 Stainless
	<i>2.047</i>	<i>2.165</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.213</i>	<i>1.492</i>	<i>1.638</i>	<i>0.098</i>	
# CCIN-052.00H-CS	52.00	55.00 - 55.30	2.43 - 2.50	2.65		54.74 - 56.30				Carbon Spring Steel
	<i>2.047</i>			<i>0.104</i>						

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Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-052.37-420	52.37 <i>2.062</i>	55.52 <i>2.186</i>	1.98 <i>0.078</i>	2.18 <i>0.086</i>	4.72 <i>0.186</i>	57.91 <i>2.280</i>	40.89 <i>1.610</i>	43.94 <i>1.730</i>	2.31 <i>0.091</i>	420 Stainless
# CCIN-052.37-CS	52.37 <i>2.062</i>	55.52 <i>2.186</i>	1.98 <i>0.078</i>	2.18 <i>0.086</i>	4.72 <i>0.186</i>	57.91 <i>2.280</i>	40.89 <i>1.610</i>	43.94 <i>1.730</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-053.00-CS	53.00 <i>2.087</i>	56.00 <i>2.205</i>	2.00 <i>0.079</i>	2.15 <i>0.085</i>	3.80 <i>0.150</i>	57.20 <i>2.252</i>	38.90 <i>1.531</i>	42.60 <i>1.677</i>	2.50 <i>0.098</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-053.98-CS	53.98 <i>2.125</i>	57.18 <i>2.251</i>	1.98 <i>0.078</i>	2.18 <i>0.086</i>	4.80 <i>0.189</i>	59.69 <i>2.350</i>	41.91 <i>1.650</i>	45.21 <i>1.780</i>	2.31 <i>0.091</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-053.98-420	53.98 <i>2.125</i>	57.18 <i>2.251</i>	1.98 <i>0.078</i>	2.18 <i>0.086</i>	4.80 <i>0.189</i>	59.69 <i>2.350</i>	41.91 <i>1.650</i>	45.21 <i>1.780</i>	2.31 <i>0.091</i>	420 Stainless
# CCIN-054.00-CS	54.00 <i>2.126</i>	57.00 - 57.30	1.93 - 2.00	2.15 <i>0.085</i>		57.74 - 59.30				Carbon Spring Steel
# CCIN-054.00-420	54.00 <i>2.126</i>	57.00 - 57.30	1.93 - 2.00	2.15 <i>0.085</i>		57.74 - 59.30				Stainless Steel
# CCIN-055.00-420	55.00 <i>2.165</i>	58.00 <i>2.283</i>	2.00 <i>0.079</i>	2.15 <i>0.085</i>	4.50 <i>0.177</i>	59.20 <i>2.331</i>	40.70 <i>1.602</i>	44.40 <i>1.748</i>	2.50 <i>0.098</i>	420 Stainless

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
CCIN-055.00-CS	55.00	58.00	2.00	2.15	4.50	59.20	40.70	44.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.165</i>	<i>2.283</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.331</i>	<i>1.602</i>	<i>1.748</i>	<i>0.098</i>	
# CCIN-055.00H-CS	55.00	58.00 - 58.30	2.43 - 2.50	2.65		58.74 - 60.30				Carbon Spring Steel
	<i>2.165</i>			<i>0.104</i>						
# CCIN-055.58-CS	55.58	58.88	1.98	2.18	4.95	61.34	43.43	46.74	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>2.188</i>	<i>2.318</i>	<i>0.078</i>	<i>0.086</i>	<i>0.195</i>	<i>2.415</i>	<i>1.710</i>	<i>1.840</i>	<i>0.091</i>	
# CCIN-055.58-420	55.58	58.88	1.98	2.18	4.95	61.34	43.43	46.74	2.31	420 Stainless
	<i>2.188</i>	<i>2.318</i>	<i>0.078</i>	<i>0.086</i>	<i>0.195</i>	<i>2.415</i>	<i>1.710</i>	<i>1.840</i>	<i>0.091</i>	
# CCIN-056.00-420	56.00	59.00	2.00	2.15	4.50	60.20	41.70	45.40	2.50	420 Stainless
	<i>2.205</i>	<i>2.323</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.370</i>	<i>1.642</i>	<i>1.787</i>	<i>0.098</i>	
CCIN-056.00-CS	56.00	59.00	2.00	2.15	4.50	60.20	41.70	45.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.205</i>	<i>2.323</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.370</i>	<i>1.642</i>	<i>1.787</i>	<i>0.098</i>	
# CCIN-057.00-420	57.00	60.00	2.00	2.15	4.50	62.20	42.70	46.40	2.50	420 Stainless
	<i>2.244</i>	<i>2.362</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.449</i>	<i>1.681</i>	<i>1.827</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>	
CCIN-057.00-CS	57.00	60.00	2.00	2.15	4.50	62.20	42.70	46.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.244</i>	<i>2.362</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.449</i>	<i>1.681</i>	<i>1.827</i>	<i>0.098</i>	
# CCIN-057.15-420	57.15	60.50	1.98	2.18	5.03	63.25	44.96	48.51	2.31	420 Stainless
	<i>2.250</i>	<i>2.382</i>	<i>0.078</i>	<i>0.086</i>	<i>0.198</i>	<i>2.490</i>	<i>1.770</i>	<i>1.910</i>	<i>0.091</i>	
# CCIN-057.15-CS	57.15	60.50	1.98	2.18	5.03	63.25	44.96	48.51	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>2.250</i>	<i>2.382</i>	<i>0.078</i>	<i>0.086</i>	<i>0.198</i>	<i>2.490</i>	<i>1.770</i>	<i>1.910</i>	<i>0.091</i>	
# CCIN-058.00-420	58.00	61.00	2.00	2.15	4.50	62.20	43.50	47.20	2.50	420 Stainless
	<i>2.283</i>	<i>2.402</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.449</i>	<i>1.713</i>	<i>1.858</i>	<i>0.098</i>	
# CCIN-058.00-CS	58.00	61.00	2.00	2.15	4.50	62.20	43.50	47.20	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.283</i>	<i>2.402</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.449</i>	<i>1.713</i>	<i>1.858</i>	<i>0.098</i>	
# CCIN-058.72-420	58.72	62.23	1.98	2.18	5.26	65.02	46.74	50.29	2.31	420 Stainless
	<i>2.312</i>	<i>2.450</i>	<i>0.078</i>	<i>0.086</i>	<i>0.207</i>	<i>2.560</i>	<i>1.840</i>	<i>1.980</i>	<i>0.091</i>	
# CCIN-058.72-CS	58.72	62.23	1.98	2.18	5.26	65.02	46.74	50.29	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>2.312</i>	<i>2.450</i>	<i>0.078</i>	<i>0.086</i>	<i>0.207</i>	<i>2.560</i>	<i>1.840</i>	<i>1.980</i>	<i>0.091</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>	
CCIN-060.00-CS	60.00	63.00	2.00	2.15	4.50	64.20	44.70	48.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.362</i>	<i>2.480</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.528</i>	<i>1.760</i>	<i>1.906</i>	<i>0.098</i>	
# CCIN-060.00-420	60.00	63.00	2.00	2.15	4.50	64.20	44.70	48.40	2.50	420 Stainless
	<i>2.362</i>	<i>2.480</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.528</i>	<i>1.760</i>	<i>1.906</i>	<i>0.098</i>	
# CCIN-060.00H-CS	60.00	63.00 - 63.30	2.92 - 3.00	3.15		63.74 - 65.30				Carbon Spring Steel
	<i>2.362</i>			<i>0.124</i>						
# CCIN-060.33-CS	60.33	63.93	1.98	2.18	5.41	66.80	48.26	51.82	2.31	Carbon Spring Steel. Phosphate and oil finish
	<i>2.375</i>	<i>2.517</i>	<i>0.078</i>	<i>0.086</i>	<i>0.213</i>	<i>2.630</i>	<i>1.900</i>	<i>2.040</i>	<i>0.091</i>	
# CCIN-060.33-420	60.33	63.93	1.98	2.18	5.41	66.80	48.26	51.82	2.31	420 Stainless
	<i>2.375</i>	<i>2.517</i>	<i>0.078</i>	<i>0.086</i>	<i>0.213</i>	<i>2.630</i>	<i>1.900</i>	<i>2.040</i>	<i>0.091</i>	
# CCIN-061.98-CS	61.98	65.63	1.98	2.18	5.49	68.63	49.78	53.59	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.440</i>	<i>2.584</i>	<i>0.078</i>	<i>0.086</i>	<i>0.216</i>	<i>2.702</i>	<i>1.960</i>	<i>2.110</i>	<i>0.108</i>	
# CCIN-061.98-420	61.98	65.63	1.98	2.18	5.49	68.63	49.78	53.59	2.74	420 Stainless
	<i>2.440</i>	<i>2.584</i>	<i>0.078</i>	<i>0.086</i>	<i>0.216</i>	<i>2.702</i>	<i>1.960</i>	<i>2.110</i>	<i>0.108</i>	
# CCIN-062.00-420	62.00	65.00	2.00	2.15	4.50	66.20	46.70	50.40	2.50	420 Stainless
	<i>2.441</i>	<i>2.559</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.606</i>	<i>1.839</i>	<i>1.984</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>	
CCIN-062.00-CS	62.00	65.00	2.00	2.15	4.50	66.20	46.70	50.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.441</i>	<i>2.559</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.606</i>	<i>1.839</i>	<i>1.984</i>	<i>0.098</i>	
# CCIN-062.00H-CS	62.00	65.00 - 65.30	2.92 - 3.00	3.15		65.74 - 67.30				Carbon Spring Steel
	<i>2.441</i>			<i>0.124</i>						
CCIN-063.00-CS	63.00	66.00	2.00	2.15	4.50	67.20	47.70	51.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.480</i>	<i>2.598</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.646</i>	<i>1.878</i>	<i>2.024</i>	<i>0.098</i>	
# CCIN-063.00-420	63.00	66.00	2.00	2.15	4.50	67.20	47.70	51.40	2.50	420 Stainless
	<i>2.480</i>	<i>2.598</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.646</i>	<i>1.878</i>	<i>2.024</i>	<i>0.098</i>	
# CCIN-063.50-CS	63.50	67.26	1.98	2.18	5.64	70.49	51.31	55.12	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.500</i>	<i>2.648</i>	<i>0.078</i>	<i>0.086</i>	<i>0.222</i>	<i>2.775</i>	<i>2.020</i>	<i>2.170</i>	<i>0.108</i>	
# CCIN-063.50-420	63.50	67.26	1.98	2.18	5.64	70.49	51.31	55.12	2.74	420 Stainless
	<i>2.500</i>	<i>2.648</i>	<i>0.078</i>	<i>0.086</i>	<i>0.222</i>	<i>2.775</i>	<i>2.020</i>	<i>2.170</i>	<i>0.108</i>	
# CCIN-064.00-420	64.00	67.00	2.00	2.15	4.50	68.20	48.70	52.40	2.50	420 Stainless
	<i>2.520</i>	<i>2.638</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.685</i>	<i>1.917</i>	<i>2.063</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>	
# CCIN-064.00-CS	64.00	67.00	2.00	2.15	4.50	68.20	48.70	52.40	2.50	Carbon Spring Steel. Phosphate and oil finish
	<i>2.520</i>	<i>2.638</i>	<i>0.079</i>	<i>0.085</i>	<i>0.177</i>	<i>2.685</i>	<i>1.917</i>	<i>2.063</i>	<i>0.098</i>	
# CCIN-064.00H-CS	64.00	67.00 - 67.30	2.92 - 3.00	3.15		67.74 - 69.30				Carbon Spring Steel
	<i>2.520</i>			<i>0.124</i>						
# CCIN-065.00-420	65.00	68.00	2.50	2.65	4.50	69.20	49.00	52.80	3.00	420 Stainless
	<i>2.559</i>	<i>2.677</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.724</i>	<i>1.929</i>	<i>2.079</i>	<i>0.118</i>	
CCIN-065.00-CS	65.00	68.00	2.50	2.65	4.50	69.20	49.00	52.80	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.559</i>	<i>2.677</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.724</i>	<i>1.929</i>	<i>2.079</i>	<i>0.118</i>	
# CCIN-065.00H-CS	65.00	68.00 - 68.30	2.92 - 3.00	3.15		68.74 - 70.30				Carbon Spring Steel
	<i>2.559</i>			<i>0.124</i>						
# CCIN-065.07-420	65.07	68.94	2.36	2.62	5.79	72.24	51.31	55.37	2.74	420 Stainless
	<i>2.562</i>	<i>2.714</i>	<i>0.093</i>	<i>0.103</i>	<i>0.228</i>	<i>2.844</i>	<i>2.020</i>	<i>2.180</i>	<i>0.108</i>	
# CCIN-065.07-CS	65.07	68.94	2.36	2.62	5.79	72.24	51.31	55.37	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.562</i>	<i>2.714</i>	<i>0.093</i>	<i>0.103</i>	<i>0.228</i>	<i>2.844</i>	<i>2.020</i>	<i>2.180</i>	<i>0.108</i>	

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Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-066.68-CS	66.68	70.64	2.36	2.62	5.94	73.91	52.83	56.90	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.625</i>	<i>2.781</i>	<i>0.093</i>	<i>0.103</i>	<i>0.234</i>	<i>2.910</i>	<i>2.080</i>	<i>2.240</i>	<i>0.108</i>	
# CCIN-066.68-420	66.68	70.64	2.36	2.62	5.94	73.91	52.83	56.90	2.74	420 Stainless
	<i>2.625</i>	<i>2.781</i>	<i>0.093</i>	<i>0.103</i>	<i>0.234</i>	<i>2.910</i>	<i>2.080</i>	<i>2.240</i>	<i>0.108</i>	
# CCIN-067.00-CS	67.00	70.00	2.50	2.65	4.50	72.50	50.80	54.60	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.638</i>	<i>2.756</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.854</i>	<i>2.000</i>	<i>2.150</i>	<i>0.118</i>	
# CCIN-067.00-420	67.00	70.00	2.50	2.65	4.50	72.50	50.80	54.60	3.00	420 Stainless
	<i>2.638</i>	<i>2.756</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.854</i>	<i>2.000</i>	<i>2.150</i>	<i>0.118</i>	
CCIN-068.00-CS	68.00	71.00	2.50	2.65	4.50	72.50	51.60	55.40	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.677</i>	<i>2.795</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.854</i>	<i>2.031</i>	<i>2.181</i>	<i>0.118</i>	
# CCIN-068.00-420	68.00	71.00	2.50	2.65	4.50	72.50	51.60	55.40	3.00	420 Stainless
	<i>2.677</i>	<i>2.795</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.854</i>	<i>2.031</i>	<i>2.181</i>	<i>0.118</i>	
# CCIN-068.00H-CS	68.00	71.00 - 71.30	2.92 - 3.00	3.15		72.04 - 73.60				Carbon Spring Steel
	<i>2.677</i>			<i>0.124</i>						

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-068.28-CS	68.28	72.34	2.36	2.62	6.10	75.69	54.61	58.67	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.688</i>	<i>2.848</i>	<i>0.093</i>	<i>0.103</i>	<i>0.240</i>	<i>2.980</i>	<i>2.150</i>	<i>2.310</i>	<i>0.108</i>	
# CCIN-068.28-420	68.28	72.34	2.36	2.62	6.10	75.69	54.61	58.67	2.74	420 Stainless
	<i>2.688</i>	<i>2.848</i>	<i>0.093</i>	<i>0.103</i>	<i>0.240</i>	<i>2.980</i>	<i>2.150</i>	<i>2.310</i>	<i>0.108</i>	
# CCIN-069.85-CS	69.85	74.02	2.36	2.62	6.25	77.47	55.37	59.44	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.750</i>	<i>2.914</i>	<i>0.093</i>	<i>0.103</i>	<i>0.246</i>	<i>3.050</i>	<i>2.180</i>	<i>2.340</i>	<i>0.108</i>	
# CCIN-069.85-420	69.85	74.02	2.36	2.62	6.25	77.47	55.37	59.44	2.74	420 Stainless
	<i>2.750</i>	<i>2.914</i>	<i>0.093</i>	<i>0.103</i>	<i>0.246</i>	<i>3.050</i>	<i>2.180</i>	<i>2.340</i>	<i>0.108</i>	
# CCIN-070.00-420	70.00	73.00	2.50	2.65	4.50	74.50	53.60	57.40	3.00	420 Stainless
	<i>2.756</i>	<i>2.874</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.933</i>	<i>2.110</i>	<i>2.260</i>	<i>0.118</i>	
CCIN-070.00-CS	70.00	73.00	2.50	2.65	4.50	74.50	53.60	57.40	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.756</i>	<i>2.874</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>2.933</i>	<i>2.110</i>	<i>2.260</i>	<i>0.118</i>	
# CCIN-070.00H-CS	70.00	73.00 - 73.30	2.92 - 3.00	3.15		74.04 - 75.60				Carbon Spring Steel
	<i>2.756</i>			<i>0.124</i>						
# CCIN-071.42-420	71.42	75.69	2.36	2.62	6.40	79.27	56.90	60.96	2.74	420 Stainless
	<i>2.812</i>	<i>2.980</i>	<i>0.093</i>	<i>0.103</i>	<i>0.252</i>	<i>3.121</i>	<i>2.240</i>	<i>2.400</i>	<i>0.108</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>	
# CCIN-071.42-CS	71.42	75.69	2.36	2.62	6.40	79.27	56.90	60.96	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.812</i>	<i>2.980</i>	<i>0.093</i>	<i>0.103</i>	<i>0.252</i>	<i>3.121</i>	<i>2.240</i>	<i>2.400</i>	<i>0.108</i>	
# CCIN-072.00-420	72.00	75.00	2.50	2.65	4.50	76.50	55.60	59.40	3.00	420 Stainless
	<i>2.835</i>	<i>2.953</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.012</i>	<i>2.189</i>	<i>2.339</i>	<i>0.118</i>	
CCIN-072.00-CS	72.00	75.00	2.50	2.65	4.50	76.50	55.60	59.40	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.835</i>	<i>2.953</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.012</i>	<i>2.189</i>	<i>2.339</i>	<i>0.118</i>	
# CCIN-072.00H-CS	72.00	75.00 - 75.30	2.92 - 3.00	3.15		76.04 - 77.60				Carbon Spring Steel
	<i>2.835</i>			<i>0.124</i>						
# CCIN-073.03-CS	73.03	77.50	2.36	2.62	6.71	81.05	58.42	62.74	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>2.875</i>	<i>3.051</i>	<i>0.093</i>	<i>0.103</i>	<i>0.264</i>	<i>3.191</i>	<i>2.300</i>	<i>2.470</i>	<i>0.108</i>	
# CCIN-073.03-420	73.03	77.50	2.36	2.62	6.71	81.05	58.42	62.74	2.74	420 Stainless
	<i>2.875</i>	<i>3.051</i>	<i>0.093</i>	<i>0.103</i>	<i>0.264</i>	<i>3.191</i>	<i>2.300</i>	<i>2.470</i>	<i>0.108</i>	
# CCIN-075.00-420	75.00	78.00	2.50	2.65	4.50	79.50	58.60	62.40	3.00	420 Stainless
	<i>2.953</i>	<i>3.071</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.130</i>	<i>2.307</i>	<i>2.457</i>	<i>0.118</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>	
CCIN-075.00-CS	75.00	78.00	2.50	2.65	4.50	79.50	58.60	62.40	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.953</i>	<i>3.071</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.130</i>	<i>2.307</i>	<i>2.457</i>	<i>0.118</i>	
# CCIN-075.00H-CS	75.00	78.00 - 78.30	2.92 - 3.00	3.15		79.04 - 80.60				Carbon Spring Steel
	<i>2.953</i>			<i>0.124</i>						
# CCIN-076.00-CS	76.00	79.00	2.50	2.65	4.50	80.70	59.60	63.40	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>2.992</i>	<i>3.110</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.177</i>	<i>2.346</i>	<i>2.496</i>	<i>0.118</i>	
# CCIN-076.00-420	76.00	79.00	2.50	2.65	4.50	80.70	59.60	63.40	3.00	420 Stainless
	<i>2.992</i>	<i>3.110</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.177</i>	<i>2.346</i>	<i>2.496</i>	<i>0.118</i>	
# CCIN-076.20-420	76.20	80.82	2.36	2.62	6.93	84.46	61.72	66.04	2.74	420 Stainless
	<i>3.000</i>	<i>3.182</i>	<i>0.093</i>	<i>0.103</i>	<i>0.273</i>	<i>3.325</i>	<i>2.430</i>	<i>2.600</i>	<i>0.108</i>	
# CCIN-076.20-CS	76.20	80.82	2.36	2.62	6.93	84.46	61.72	66.04	2.74	Carbon Spring Steel. Phosphate and oil finish
	<i>3.000</i>	<i>3.182</i>	<i>0.093</i>	<i>0.103</i>	<i>0.273</i>	<i>3.325</i>	<i>2.430</i>	<i>2.600</i>	<i>0.108</i>	
# CCIN-077.77-420	77.77	82.50	2.77	3.05	7.09	86.82	62.48	67.06	3.12	420 Stainless
	<i>3.062</i>	<i>3.248</i>	<i>0.109</i>	<i>0.120</i>	<i>0.279</i>	<i>3.418</i>	<i>2.460</i>	<i>2.640</i>	<i>0.123</i>	

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Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-077.77-CS	77.77	82.50	2.77	3.05	7.09	86.82	62.48	67.06	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.062</i>	<i>3.248</i>	<i>0.109</i>	<i>0.120</i>	<i>0.279</i>	<i>3.418</i>	<i>2.460</i>	<i>2.640</i>	<i>0.123</i>	
# CCIN-078.00-420	78.00	81.00	2.50	2.65	4.50	82.50	60.10	64.00	3.00	420 Stainless
	<i>3.071</i>	<i>3.189</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.248</i>	<i>2.366</i>	<i>2.520</i>	<i>0.118</i>	
# CCIN-078.00-CS	78.00	81.00	2.50	2.65	4.50	82.50	60.10	64.00	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>3.071</i>	<i>3.189</i>	<i>0.098</i>	<i>0.104</i>	<i>0.177</i>	<i>3.248</i>	<i>2.366</i>	<i>2.520</i>	<i>0.118</i>	
# CCIN-079.38-CS	79.38	84.20	2.77	3.05	7.24	88.60	64.01	68.83	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.125</i>	<i>3.315</i>	<i>0.109</i>	<i>0.120</i>	<i>0.285</i>	<i>3.488</i>	<i>2.520</i>	<i>2.710</i>	<i>0.123</i>	
# CCIN-079.38-420	79.38	84.20	2.77	3.05	7.24	88.60	64.01	68.83	3.12	420 Stainless
	<i>3.125</i>	<i>3.315</i>	<i>0.109</i>	<i>0.120</i>	<i>0.285</i>	<i>3.488</i>	<i>2.520</i>	<i>2.710</i>	<i>0.123</i>	
# CCIN-079.98-420	79.98	85.04	2.77	3.05	7.32	89.48	64.77	69.60	3.12	420 Stainless
	<i>3.149</i>	<i>3.348</i>	<i>0.109</i>	<i>0.120</i>	<i>0.288</i>	<i>3.523</i>	<i>2.550</i>	<i>2.740</i>	<i>0.123</i>	
# CCIN-079.98-CS	79.98	85.04	2.77	3.05	7.32	89.48	64.77	69.60	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.149</i>	<i>3.348</i>	<i>0.109</i>	<i>0.120</i>	<i>0.288</i>	<i>3.523</i>	<i>2.550</i>	<i>2.740</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>	
CCIN-080.00-CS	80.00	83.50	2.50	2.65	5.30	85.50	62.10	66.50	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>3.150</i>	<i>3.287</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>3.366</i>	<i>2.445</i>	<i>2.618</i>	<i>0.118</i>	
# CCIN-080.00-420	80.00	83.50	2.50	2.65	5.30	85.50	62.10	66.50	3.00	420 Stainless
	<i>3.150</i>	<i>3.287</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>3.366</i>	<i>2.445</i>	<i>2.618</i>	<i>0.118</i>	
# CCIN-080.00H-CS	80.00	83.50 - 83.85	3.90 - 4.00	4.15		84.96 - 86.80				Carbon Spring Steel
	<i>3.150</i>			<i>0.163</i>						
CCIN-082.00-CS	82.00	85.50	2.50	2.65	5.30	87.50	64.10	68.50	3.00	Carbon Spring Steel. Phosphate and oil finish
	<i>3.228</i>	<i>3.366</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>3.445</i>	<i>2.524</i>	<i>2.697</i>	<i>0.118</i>	
# CCIN-082.00-420	82.00	85.50	2.50	2.65	5.30	87.50	64.10	68.50	3.00	420 Stainless
	<i>3.228</i>	<i>3.366</i>	<i>0.098</i>	<i>0.104</i>	<i>0.209</i>	<i>3.445</i>	<i>2.524</i>	<i>2.697</i>	<i>0.118</i>	
# CCIN-082.55-CS	82.55	87.53	2.77	3.05	7.47	92.02	67.31	72.14	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.250</i>	<i>3.446</i>	<i>0.109</i>	<i>0.120</i>	<i>0.294</i>	<i>3.623</i>	<i>2.650</i>	<i>2.840</i>	<i>0.123</i>	
# CCIN-082.55-420	82.55	87.53	2.77	3.05	7.47	92.02	67.31	72.14	3.12	420 Stainless
	<i>3.250</i>	<i>3.446</i>	<i>0.109</i>	<i>0.120</i>	<i>0.294</i>	<i>3.623</i>	<i>2.650</i>	<i>2.840</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>	
# CCIN-084.99-CS	84.99	90.07	2.77	3.05	7.62	94.84	68.33	73.41	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.346</i>	<i>3.546</i>	<i>0.109</i>	<i>0.120</i>	<i>0.300</i>	<i>3.734</i>	<i>2.690</i>	<i>2.890</i>	<i>0.123</i>	
# CCIN-084.99-420	84.99	90.07	2.77	3.05	7.62	94.84	68.33	73.41	3.12	420 Stainless
	<i>3.346</i>	<i>3.546</i>	<i>0.109</i>	<i>0.120</i>	<i>0.300</i>	<i>3.734</i>	<i>2.690</i>	<i>2.890</i>	<i>0.123</i>	
# CCIN-085.00-420	85.00	88.50	3.00	3.15	5.30	90.50	66.90	71.30	3.50	420 Stainless
	<i>3.346</i>	<i>3.484</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.563</i>	<i>2.634</i>	<i>2.807</i>	<i>0.138</i>	
CCIN-085.00-CS	85.00	88.50	3.00	3.15	5.30	90.50	66.90	71.30	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.346</i>	<i>3.484</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.563</i>	<i>2.634</i>	<i>2.807</i>	<i>0.138</i>	
# CCIN-085.00H-CS	85.00	88.50 - 88.85	3.90 - 4.00	4.15		89.96 - 91.80				Carbon Spring Steel
	<i>3.346</i>			<i>0.163</i>						
# CCIN-087.00-CS	87.00	90.50 - 90.85	2.92 - 3.00	3.15		92.96 - 94.80				Carbon Spring Steel
	<i>3.425</i>			<i>0.124</i>						
# CCIN-088.00-420	88.00	91.50	3.00	3.15	5.30	93.50	69.90	74.30	3.50	420 Stainless
	<i>3.465</i>	<i>3.602</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.681</i>	<i>2.752</i>	<i>2.925</i>	<i>0.138</i>	
# CCIN-088.00-CS	88.00	91.50	3.00	3.15	5.30	93.50	69.90	74.30	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.465</i>	<i>3.602</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.681</i>	<i>2.752</i>	<i>2.925</i>	<i>0.138</i>	

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Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-088.11-420	88.11 <i>3.469</i>	93.35 <i>3.675</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	7.85 <i>0.309</i>	97.97 <i>3.857</i>	70.36 <i>2.770</i>	75.18 <i>2.960</i>	3.12 <i>0.123</i>	420 Stainless
# CCIN-088.11-CS	88.11 <i>3.469</i>	93.35 <i>3.675</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	7.85 <i>0.309</i>	97.97 <i>3.857</i>	70.36 <i>2.770</i>	75.18 <i>2.960</i>	3.12 <i>0.123</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-088.90-420	88.90 <i>3.500</i>	94.23 <i>3.710</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.00 <i>0.315</i>	98.81 <i>3.890</i>	71.12 <i>2.800</i>	73.66 <i>2.900</i>	3.12 <i>0.123</i>	420 Stainless
# CCIN-088.90-CS	88.90 <i>3.500</i>	94.23 <i>3.710</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.00 <i>0.315</i>	98.81 <i>3.890</i>	71.12 <i>2.800</i>	73.66 <i>2.900</i>	3.12 <i>0.123</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-089.99-420	89.99 <i>3.543</i>	95.91 <i>3.776</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.15 <i>0.321</i>	99.97 <i>3.936</i>	72.14 <i>2.840</i>	77.98 <i>3.070</i>	3.12 <i>0.123</i>	420 Stainless
# CCIN-089.99-CS	89.99 <i>3.543</i>	95.91 <i>3.776</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.15 <i>0.321</i>	99.97 <i>3.936</i>	72.14 <i>2.840</i>	77.98 <i>3.070</i>	3.12 <i>0.123</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-090.00-420	90.00 <i>3.543</i>	93.50 <i>3.681</i>	3.00 <i>0.118</i>	3.15 <i>0.124</i>	5.30 <i>0.209</i>	95.50 <i>3.760</i>	71.90 <i>2.831</i>	76.30 <i>3.004</i>	3.50 <i>0.138</i>	420 Stainless

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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>	
CCIN-090.00-CS	90.00	93.50	3.00	3.15	5.30	95.50	71.90	76.30	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.543</i>	<i>3.681</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.760</i>	<i>2.831</i>	<i>3.004</i>	<i>0.138</i>	
# CCIN-090.00H-CS	90.00	93.50 - 93.85	3.90 - 4.00	4.15		94.96 - 96.80				Carbon Spring Steel
	<i>3.543</i>			<i>0.163</i>						
# CCIN-092.00-CS	92.00	95.50	3.00	3.15	5.30	97.50	73.70	78.10	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.622</i>	<i>3.760</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.839</i>	<i>2.902</i>	<i>3.075</i>	<i>0.138</i>	
# CCIN-092.00-420	92.00	95.50	3.00	3.15	5.30	97.50	73.70	78.10	3.50	420 Stainless
	<i>3.622</i>	<i>3.760</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.839</i>	<i>2.902</i>	<i>3.075</i>	<i>0.138</i>	
# CCIN-092.08-CS	92.08	97.56	2.77	3.05	8.23	102.21	74.17	79.50	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.625</i>	<i>3.841</i>	<i>0.109</i>	<i>0.120</i>	<i>0.324</i>	<i>4.024</i>	<i>2.920</i>	<i>3.130</i>	<i>0.123</i>	
# CCIN-092.08-420	92.08	97.56	2.77	3.05	8.23	102.21	74.17	79.50	3.12	420 Stainless
	<i>3.625</i>	<i>3.841</i>	<i>0.109</i>	<i>0.120</i>	<i>0.324</i>	<i>4.024</i>	<i>2.920</i>	<i>3.130</i>	<i>0.123</i>	
# CCIN-095.00-420	95.00	98.50	3.00	3.15	5.30	100.50	76.50	80.90	3.50	420 Stainless
	<i>3.740</i>	<i>3.878</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.957</i>	<i>3.012</i>	<i>3.185</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>	
CCIN-095.00-CS	95.00	98.50	3.00	3.15	5.30	100.50	76.50	80.90	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.740</i>	<i>3.878</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>3.957</i>	<i>3.012</i>	<i>3.185</i>	<i>0.138</i>	
# CCIN-095.00H-CS	95.00	98.50 - 98.85	3.90 - 4.00	4.15		99.96 - 101.80				Carbon Spring Steel
	<i>3.740</i>			<i>0.163</i>						
# CCIN-095.25-CS	95.25	100.94	2.77	3.05	8.53	105.59	77.22	81.69	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.750</i>	<i>3.974</i>	<i>0.109</i>	<i>0.120</i>	<i>0.336</i>	<i>4.157</i>	<i>3.040</i>	<i>3.216</i>	<i>0.123</i>	
# CCIN-095.25-420	95.25	100.94	2.77	3.05	8.53	105.59	77.22	81.69	3.12	420 Stainless
	<i>3.750</i>	<i>3.974</i>	<i>0.109</i>	<i>0.120</i>	<i>0.336</i>	<i>4.157</i>	<i>3.040</i>	<i>3.216</i>	<i>0.123</i>	
# CCIN-098.00-420	98.00	101.50	3.00	3.15	5.30	103.50	79.00	83.50	3.50	420 Stainless
	<i>3.858</i>	<i>3.996</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>4.075</i>	<i>3.110</i>	<i>3.287</i>	<i>0.138</i>	
# CCIN-098.00-CS	98.00	101.50	3.00	3.15	5.30	103.50	79.00	83.50	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>3.858</i>	<i>3.996</i>	<i>0.118</i>	<i>0.124</i>	<i>0.209</i>	<i>4.075</i>	<i>3.110</i>	<i>3.287</i>	<i>0.138</i>	
# CCIN-098.43-CS	98.43	104.32	2.77	3.05	8.84	108.99	80.52	86.36	3.12	Carbon Spring Steel. Phosphate and oil finish
	<i>3.875</i>	<i>4.107</i>	<i>0.109</i>	<i>0.120</i>	<i>0.348</i>	<i>4.291</i>	<i>3.170</i>	<i>3.400</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>	
# CCIN-098.43-420	98.43 <i>3.875</i>	104.32 <i>4.107</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.84 <i>0.348</i>	108.99 <i>4.291</i>	80.52 <i>3.170</i>	86.36 <i>3.400</i>	3.12 <i>0.123</i>	420 Stainless
CCIN-100.00-CS	100.00 <i>3.937</i>	103.50 <i>4.075</i>	3.00 <i>0.118</i>	3.15 <i>0.124</i>	5.30 <i>0.209</i>	105.50 <i>4.154</i>	80.60 <i>3.173</i>	85.10 <i>3.350</i>	3.50 <i>0.138</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-100.00H-CS	100.00 <i>3.937</i>	103.50 - 103.85	3.90 - 4.00	4.15 <i>0.163</i>		104.96 - 106.80				Carbon Spring Steel
# CCIN-100.03-CS	100.03 <i>3.938</i>	106.02 <i>4.174</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.99 <i>0.354</i>	110.69 <i>4.358</i>	82.04 <i>3.230</i>	87.88 <i>3.460</i>	3.12 <i>0.123</i>	Carbon Spring Steel. Phosphate and oil finish
# CCIN-100.03-420	100.03 <i>3.938</i>	106.02 <i>4.174</i>	2.77 <i>0.109</i>	3.05 <i>0.120</i>	8.99 <i>0.354</i>	110.69 <i>4.358</i>	82.04 <i>3.230</i>	87.88 <i>3.460</i>	3.12 <i>0.123</i>	420 Stainless
# CCIN-101.60-CS	101.60 <i>4.000</i>	107.54 - 107.85	2.69 - 2.84	3.05 - 3.18	9.14 <i>0.360</i>	110.72 - 114.02	82.30 <i>3.240</i>	88.14 <i>3.470</i>	3.12 <i>0.123</i>	Carbon Spring Steel
# CCIN-102.00-CS	102.00 <i>4.016</i>	106.00 <i>4.173</i>	4.00 <i>0.157</i>	4.15 <i>0.163</i>	6.00 <i>0.236</i>	108.00 <i>4.252</i>	82.00 <i>3.228</i>	87.00 <i>3.425</i>	3.50 <i>0.138</i>	Carbon Spring Steel. Phosphate and oil finish

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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>	
# CCIN-103.00-CS	103.00	108.00 - 108.54	3.90 - 4.00	4.15		109.46 - 111.30	83.00	88.00	3.50	Carbon Spring Steel
	<i>4.055</i>			<i>0.163</i>			<i>3.268</i>	<i>3.465</i>	<i>0.138</i>	
# CCIN-105.00H-CS	105.00	109.00 - 109.54	4.88 - 5.00	5.15		111.66 - 113.30				Carbon Spring Steel
	<i>4.134</i>			<i>0.203</i>						
CCIN-105.00-CS	105.00	409.00	4.00	4.15	6.00	112.00	85.00	90.00	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>4.134</i>	<i>16.102</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.409</i>	<i>3.346</i>	<i>3.543</i>	<i>0.138</i>	
# CCIN-108.00-CS	108.00	112.00 - 112.54	3.90 - 4.00	4.15	6.00	114.46 - 116.30	88.00	93.00	3.50	Carbon Spring Steel
	<i>4.252</i>			<i>0.163</i>	<i>0.236</i>		<i>3.465</i>	<i>3.661</i>	<i>0.138</i>	
# CCIN-110.00-420	110.00	114.00	4.00	4.15	6.00	117.00	88.20	93.20	3.50	420 Stainless
	<i>4.331</i>	<i>4.488</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.606</i>	<i>3.472</i>	<i>3.669</i>	<i>0.138</i>	
CCIN-110.00-CS	110.00	114.00	4.00	4.15	6.00	117.00	88.20	93.20	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>4.331</i>	<i>4.488</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.606</i>	<i>3.472</i>	<i>3.669</i>	<i>0.138</i>	
# CCIN-110.00H-CS	110.00	114.00 - 114.54	4.88 - 5.00	5.15		116.66 - 118.30				Carbon Spring Steel
	<i>4.331</i>			<i>0.203</i>						
# CCIN-110.00N-420	110.00	116.00	2.77	3.05	6.00	120.80	88.20	93.20	2.50	420 Stainless
	<i>4.331</i>	<i>4.567</i>	<i>0.109</i>	<i>0.120</i>	<i>0.236</i>	<i>4.756</i>	<i>3.472</i>	<i>3.669</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>	
# CCIN-112.00-CS	112.00	116.00	4.00	4.15	6.00	119.00	90.00	95.00	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>4.409</i>	<i>4.567</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.685</i>	<i>3.543</i>	<i>3.740</i>	<i>0.138</i>	
CCIN-115.00-CS	115.00	119.00	4.00	4.15	6.00	122.00	93.00	98.00	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>4.528</i>	<i>4.685</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>4.803</i>	<i>3.661</i>	<i>3.858</i>	<i>0.138</i>	
# CCIN-115.00H-CS	115.00	119.00 - 119.54	4.88 - 5.00	5.15		121.37 - 123.50				Carbon Spring Steel
	<i>4.528</i>			<i>0.203</i>						
# CCIN-118.00-CS	118.00	122.00 - 122.63	3.90 - 4.00	4.15		124.37 - 126.50				Carbon Spring Steel
	<i>4.646</i>			<i>0.163</i>						
CCIN-120.00-CS	120.00	124.00	4.00	4.15	6.00	127.00	96.90	102.00	3.50	Carbon Spring Steel. Phosphate and oil finish
	<i>4.724</i>	<i>4.882</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.000</i>	<i>3.815</i>	<i>4.016</i>	<i>0.138</i>	
# CCIN-120.00H-CS	120.00	124.00 - 124.54	4.88 - 5.00	5.15		126.37 - 128.50				Carbon Spring Steel
	<i>4.724</i>			<i>0.203</i>						
CCIN-125.00-CS	125.00	129.00	4.00	4.15	6.00	132.00	101.90	107.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>4.921</i>	<i>5.079</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.197</i>	<i>4.012</i>	<i>4.213</i>	<i>0.157</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>	
# CCIN-125.00H-CS	125.00	129.00 - 129.63	4.88 - 5.00	5.15		131.37 - 133.50				Carbon Spring Steel
	<i>4.921</i>			<i>0.203</i>						
CCIN-127.00-CS	127.00	131.00	4.00	4.15	6.00	135.00	103.90	109.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>5.000</i>	<i>5.157</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.315</i>	<i>4.091</i>	<i>4.291</i>	<i>0.157</i>	
# CCIN-127.00N-CS	127.00	133.45 - 133.76	2.69 - 2.84	3.05 - 3.18	6.00	137.67 - 140.97	103.90	109.00	4.00	Carbon Spring Steel
	<i>5.000</i>				<i>0.236</i>		<i>4.091</i>	<i>4.291</i>	<i>0.157</i>	
# CCIN-128.00-CS	128.00	132.00 - 132.63	3.90 - 4.00	4.15		134.37 - 136.50				Carbon Spring Steel
	<i>5.039</i>			<i>0.163</i>						
CCIN-130.00-CS	130.00	134.00	4.00	4.15	6.00	137.00	106.90	112.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>5.118</i>	<i>5.276</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.394</i>	<i>4.209</i>	<i>4.409</i>	<i>0.157</i>	
# CCIN-130.00H-CS	130.00	134.00 - 134.63	4.88 - 5.00	5.15		136.37 - 138.50				Carbon Spring Steel
	<i>5.118</i>			<i>0.203</i>						
# CCIN-135.00-CS	135.00	139.00 - 139.63	3.90 - 4.00	4.15	6.00	141.37 - 143.50	111.50	116.00	4.00	Carbon Spring Steel
	<i>5.315</i>			<i>0.163</i>	<i>0.236</i>		<i>4.390</i>	<i>4.567</i>	<i>0.157</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>	
# CCIN-135.00H-CS	135.00	139.00 - 139.63	4.88 - 5.00	5.15		141.37 - 143.50				Carbon Spring Steel
	<i>5.315</i>			<i>0.203</i>						
# CCIN-139.70-CS	139.70	146.38 - 146.74	3.07 - 3.28	3.53 - 3.68	10.29	152.43 - 155.73	115.82	122.68	3.84	Carbon Spring Steel
	<i>5.500</i>				<i>0.405</i>		<i>4.560</i>	<i>4.830</i>	<i>0.151</i>	
CCIN-140.00-CS	140.00	144.00	4.00	4.15	6.00	147.00	116.50	121.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>5.512</i>	<i>5.669</i>	<i>0.157</i>	<i>0.163</i>	<i>0.236</i>	<i>5.787</i>	<i>4.587</i>	<i>4.764</i>	<i>0.157</i>	
# CCIN-140.00H-CS	140.00	144.00 - 144.63	4.88 - 5.00	5.15		146.37 - 148.50				Carbon Spring Steel
	<i>5.512</i>			<i>0.203</i>						
# CCIN-145.00-CS	145.00	149.00 - 149.63	3.90 - 4.00	4.15	6.00	151.37 - 153.50	121.00	126.00	4.00	Carbon Spring Steel
	<i>5.709</i>			<i>0.163</i>	<i>0.236</i>		<i>4.764</i>	<i>4.961</i>	<i>0.157</i>	
# CCIN-145.00H-CS	145.00	149.00 - 149.63	4.88 - 5.00	5.15		151.37 - 153.50				Carbon Spring Steel
	<i>5.709</i>			<i>0.203</i>						
# CCIN-148.00-CS	148.00	152.00 - 152.63	3.90 - 4.00	4.15		154.37 - 156.50				Carbon Spring Steel
	<i>5.827</i>			<i>0.163</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>	
CCIN-150.00-CS	150.00	155.00	4.00	4.15	7.50	158.00	124.80	131.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>5.906</i>	<i>6.102</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>6.220</i>	<i>4.913</i>	<i>5.157</i>	<i>0.157</i>	
# CCIN-150.00H-CS	150.00	155.00 - 155.63	4.88 - 5.00	5.15		157.37 - 159.50				Carbon Spring Steel
	<i>5.906</i>			<i>0.203</i>						
# CCIN-152.00-CS	152.00	157.00 - 157.63	3.90 - 4.00	4.15		160.37 - 162.50				Carbon Spring Steel
	<i>5.984</i>			<i>0.163</i>						
# CCIN-152.40-CS	152.40	159.08 - 159.44	3.07 - 3.28	3.53 - 3.68	10.29	166.50 - 169.80	128.52	135.38	3.84	Carbon Spring Steel
	<i>6.000</i>				<i>0.405</i>		<i>5.060</i>	<i>5.330</i>	<i>0.151</i>	
# CCIN-155.00-CS	155.00	160.00 - 160.63	3.90 - 4.00	4.15	7.50	163.37 - 165.50	129.80	136.00	4.00	Carbon Spring Steel
	<i>6.102</i>			<i>0.163</i>	<i>0.295</i>		<i>5.110</i>	<i>5.354</i>	<i>0.157</i>	
# CCIN-155.00H-CS	155.00	160.00 - 160.63	4.88 - 5.00	5.15		163.37 - 165.50				Carbon Spring Steel
	<i>6.102</i>			<i>0.203</i>						
# CCIN-158.00-CS	158.00	163.00 - 163.63	3.90 - 4.00	4.15		166.37 - 168.50				Carbon Spring Steel
	<i>6.220</i>			<i>0.163</i>						
# CCIN-158.75-CS	158.75	165.66 - 166.07	3.84 - 4.09	4.42 - 4.62	10.67	173.10 - 177.17	135.64	142.49	4.62	Carbon Spring Steel
	<i>6.250</i>				<i>0.420</i>		<i>5.340</i>	<i>5.610</i>	<i>0.182</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>	
# CCIN-160.00-CS	160.00	165.00	4.00	4.15	7.50	169.00	132.70	139.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>6.299</i>	<i>6.496</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>6.654</i>	<i>5.224</i>	<i>5.472</i>	<i>0.157</i>	
# CCIN-160.00H-CS	160.00	165.00 - 165.63	4.88 - 5.00	5.15		168.37 - 170.50				Carbon Spring Steel
	<i>6.299</i>			<i>0.203</i>						
CCIN-165.00-CS	165.00	170.00	4.00	4.15	7.50	174.50	137.70	144.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>6.496</i>	<i>6.693</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>6.870</i>	<i>5.421</i>	<i>5.669</i>	<i>0.157</i>	
# CCIN-165.00H-CS	165.00	170.00 - 170.63	4.88 - 5.00	5.15		173.87 - 176.00				Carbon Spring Steel
	<i>6.496</i>			<i>0.203</i>						
CCIN-170.00-CS	170.00	175.00	4.00	4.15	7.50	179.50	141.60	148.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>6.693</i>	<i>6.890</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>7.067</i>	<i>5.575</i>	<i>5.827</i>	<i>0.157</i>	
# CCIN-170.00H-CS	170.00	175.00 - 175.63	4.88 - 5.00	5.15		178.87 - 181.00				Carbon Spring Steel
	<i>6.693</i>			<i>0.203</i>						
CCIN-175.00-CS	175.00	180.00	4.00	4.15	7.50	184.50	146.60	153.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>6.890</i>	<i>7.087</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>7.264</i>	<i>5.772</i>	<i>6.024</i>	<i>0.157</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>	
# CCIN-175.00H-CS	175.00	180.00 - 180.63	4.88 - 5.00	5.15		183.78 - 186.20				Carbon Spring Steel
	<i>6.890</i>			<i>0.203</i>						
# CCIN-177.80-CS	177.80	185.60 - 186.00	3.84 - 4.09	4.42 - 4.62	11.96	194.06 - 198.12	150.11	157.99	4.62	Carbon Spring Steel
	<i>7.000</i>				<i>0.471</i>		<i>5.910</i>	<i>6.220</i>	<i>0.182</i>	
CCIN-180.00-CS	180.00	185.00	4.00	4.15	7.50	189.50	150.20	156.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>7.087</i>	<i>7.283</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>7.461</i>	<i>5.913</i>	<i>6.142</i>	<i>0.157</i>	
# CCIN-180.00H-CS	180.00	185.00 - 185.72	4.88 - 5.00	5.15		188.78 - 191.20				Carbon Spring Steel
	<i>7.087</i>			<i>0.203</i>						
# CCIN-185.00-CS	185.00	190.00 - 190.72	3.90 - 4.00	4.15	7.50	193.78 - 196.20	155.20	161.00	4.00	Carbon Spring Steel
	<i>7.283</i>			<i>0.163</i>	<i>0.295</i>		<i>6.110</i>	<i>6.339</i>	<i>0.157</i>	
# CCIN-185.00H-CS	185.00	190.00 - 190.72	4.88 - 5.00	5.15		193.78 - 196.20				Carbon Spring Steel
	<i>7.283</i>			<i>0.203</i>						
CCIN-190.00-CS	190.00	195.00	4.00	4.15	7.50	199.50	160.20	166.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>7.480</i>	<i>7.677</i>	<i>0.157</i>	<i>0.163</i>	<i>0.295</i>	<i>7.854</i>	<i>6.307</i>	<i>6.535</i>	<i>0.157</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>	
# CCIN-190.00H-CS	190.00 <i>7.480</i>	195.00 - 195.72	4.88 - 5.00	5.15 <i>0.203</i>		198.78 - 201.20				Carbon Spring Steel
# CCIN-195.00-CS	195.00 <i>7.677</i>	200.00 - 200.72	3.90 - 4.00	4.15 <i>0.163</i>	7.50 <i>0.295</i>	203.78 - 206.20	165.20 <i>6.504</i>	171.00 <i>6.732</i>	4.00 <i>0.157</i>	Carbon Spring Steel
# CCIN-195.00H-CS	195.00 <i>7.677</i>	200.00 - 200.72	4.88 - 5.00	5.15 <i>0.203</i>		203.78 - 206.20				Carbon Spring Steel
# CCIN-200.00-CS	200.00 <i>7.874</i>	205.00 - 205.72	3.90 - 4.00	4.15 <i>0.163</i>	7.50 <i>0.295</i>	208.78 - 211.20	170.20 <i>6.701</i>	176.00 <i>6.929</i>	4.00 <i>0.157</i>	Carbon Spring Steel
# CCIN-200.00H-CS	200.00 <i>7.874</i>	205.00 - 205.72	4.88 - 5.00	5.15 <i>0.203</i>		208.78 - 211.20				Carbon Spring Steel
# CCIN-205.00-CS	205.00 <i>8.071</i>	211.00 - 211.72	4.88 - 5.00	5.15 <i>0.203</i>		216.28 - 218.70				Carbon Spring Steel
# CCIN-210.00-CS	210.00 <i>8.268</i>	216.00 - 216.72	4.88 - 5.00	5.15 <i>0.203</i>	9.00 <i>0.354</i>	221.28 - 223.70	180.20 <i>7.094</i>	187.00 <i>7.362</i>	4.00 <i>0.157</i>	Carbon Spring Steel
# CCIN-215.00-CS	215.00 <i>8.465</i>	221.00 <i>8.701</i>	5.00 <i>0.197</i>	5.15 <i>0.203</i>	9.00 <i>0.354</i>	227.00 <i>8.937</i>	185.20 <i>7.291</i>	192.00 <i>7.559</i>	4.00 <i>0.157</i>	Carbon Spring Steel. Phosphate and oil finish

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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>	
# CCIN-220.00-CS	220.00	226.00 - 226.72	4.88 - 5.00	5.15	9.00	231.28 - 233.70	190.20	197.00	4.00	Carbon Spring Steel
	<i>8.661</i>			<i>0.203</i>	<i>0.354</i>		<i>7.488</i>	<i>7.756</i>	<i>0.157</i>	
# CCIN-225.00-CS	225.00	236.00	5.00	5.15	9.00	237.00	195.20	202.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>8.858</i>	<i>9.291</i>	<i>0.197</i>	<i>0.203</i>	<i>0.354</i>	<i>9.331</i>	<i>7.685</i>	<i>7.953</i>	<i>0.157</i>	
# CCIN-230.00-CS	230.00	236.00	5.00	5.15	9.00	242.00	200.20	207.00	4.00	Carbon Spring Steel. Phosphate and oil finish
	<i>9.055</i>	<i>9.291</i>	<i>0.197</i>	<i>0.203</i>	<i>0.354</i>	<i>9.528</i>	<i>7.882</i>	<i>8.150</i>	<i>0.157</i>	
# CCIN-235.00-CS	235.00	241.00 - 241.72	4.88 - 5.00	5.15		246.19 - 249.00				Carbon Spring Steel
	<i>9.252</i>			<i>0.203</i>						
# CCIN-240.00-CS	240.00	246.00 - 246.72	4.88 - 5.00	5.15	9.00	251.19 - 254.00	210.20	217.00	4.00	Carbon Spring Steel
	<i>9.449</i>			<i>0.203</i>	<i>0.354</i>		<i>8.276</i>	<i>8.543</i>	<i>0.157</i>	
# CCIN-250.00-CS	250.00	256.00 - 256.81	4.88 - 5.00	5.15	9.00	261.19 - 264.00	220.20	227.00	4.00	Carbon Spring Steel
	<i>9.843</i>			<i>0.203</i>	<i>0.354</i>		<i>8.669</i>	<i>8.937</i>	<i>0.157</i>	
# CCIN-255.00-CS	255.00	263.00 - 263.81	4.88 - 5.00	5.15		269.19 - 272.00				Carbon Spring Steel
	<i>10.039</i>			<i>0.203</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>	
# CCIN-260.00-CS	260.00	268.00 - 268.81	4.88 - 5.00	5.15	12.00	274.19 - 277.00	226.00	235.00	5.00	Carbon Spring Steel
	<i>10.236</i>			<i>0.203</i>	<i>0.472</i>		<i>8.898</i>	<i>9.252</i>	<i>0.197</i>	
# CCIN-265.00-CS	265.00	273.00 - 273.81	4.88 - 5.00	5.15		279.19 - 282.00				Carbon Spring Steel
	<i>10.433</i>			<i>0.203</i>						
# CCIN-270.00-CS	270.00	278.00 - 278.81	4.88 - 5.00	5.15	12.00	284.19 - 287.00	236.00	245.00	5.00	Carbon Spring Steel
	<i>10.630</i>			<i>0.203</i>	<i>0.472</i>		<i>9.291</i>	<i>9.646</i>	<i>0.197</i>	
# CCIN-275.00-CS	275.00	283.00 - 283.81	4.88 - 5.00	5.15		289.19 - 292.00				Carbon Spring Steel
	<i>10.827</i>			<i>0.203</i>						
# CCIN-280.00-CS	280.00	288.00 - 288.81	4.88 - 5.00	5.15	12.00	294.19 - 297.00	246.00	255.00	5.00	Carbon Spring Steel
	<i>11.024</i>			<i>0.203</i>	<i>0.472</i>		<i>9.685</i>	<i>10.039</i>	<i>0.197</i>	
# CCIN-285.00-CS	285.00	293.00 - 293.81	4.88 - 5.00	5.15		299.19 - 302.00				Carbon Spring Steel
	<i>11.220</i>			<i>0.203</i>						
# CCIN-290.00-CS	290.00	298.00 - 298.81	4.88 - 5.00	5.15	12.00	304.19 - 307.00	256.00	265.00	5.00	Carbon Spring Steel
	<i>11.417</i>			<i>0.203</i>	<i>0.472</i>		<i>10.079</i>	<i>10.433</i>	<i>0.197</i>	
# CCIN-300.00-CS	300.00	308.00 - 308.81	4.88 - 5.00	5.15	12.00	314.19 - 317.00	266.00	275.00	5.00	Carbon Spring Steel
	<i>11.811</i>			<i>0.203</i>	<i>0.472</i>		<i>10.472</i>	<i>10.827</i>	<i>0.197</i>	

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Circlips - Internal - Basic

Part Number	Bore (B) mm	Groove Diameter (G) mm	Thickness (t) mm	Groove Width (W) mm	Min. Extension (n) mm	Free OD (D) mm	Clearance in Bore (C) mm	Clearance in Groove (C1) 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>	
# CCIN-310.00-CS	310.00	320.00 - 320.89	5.85 - 6.00	6.20	15.00	326.10 - 329.00	267.80	279.00	6.00	Carbon Spring Steel
	<i>12.205</i>			<i>0.244</i>	<i>0.591</i>		<i>10.543</i>	<i>10.984</i>	<i>0.236</i>	
# CCIN-320.00-CS	320.00	330.00 - 330.89	5.85 - 6.00	6.20	15.00	336.10 - 339.00	277.80	289.00	6.00	Carbon Spring Steel
	<i>12.598</i>			<i>0.244</i>	<i>0.591</i>		<i>10.937</i>	<i>11.378</i>	<i>0.236</i>	
# CCIN-340.00-CS	340.00	350.00 - 350.89	5.85 - 6.00	6.20	15.00	356.10 - 359.00	297.80	309.00	6.00	Carbon Spring Steel
	<i>13.386</i>			<i>0.244</i>	<i>0.591</i>		<i>11.724</i>	<i>12.165</i>	<i>0.236</i>	
# CCIN-360.00-CS	360.00	370.00 - 370.89	5.85 - 6.00	6.20	15.00	376.10 - 379.00	317.80	329.00	6.00	Carbon Spring Steel
	<i>14.173</i>			<i>0.244</i>	<i>0.591</i>		<i>12.512</i>	<i>12.953</i>	<i>0.236</i>	
# CCIN-380.00-CS	380.00	390.00	6.00	6.20	15.00	397.00	337.80	349.00	6.00	Carbon Spring Steel. Phosphate and oil finish
	<i>14.961</i>	<i>15.354</i>	<i>0.236</i>	<i>0.244</i>	<i>0.591</i>	<i>15.630</i>	<i>13.299</i>	<i>13.740</i>	<i>0.236</i>	
# CCIN-400.00-CS	400.00	410.00 - 411.00	5.85 - 6.00	6.20	15.00	416.00 - 419.00	357.80	369.00	6.00	Carbon Spring Steel
	<i>15.748</i>			<i>0.244</i>	<i>0.591</i>		<i>14.087</i>	<i>14.528</i>	<i>0.236</i>	

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

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