

MBA

2018

Circlip and E-Clip Range

Carbon Steel - Stainless Steel - Zinc Plated

(More information available online by typing part numbers into web search)

Circlips

- External Pages 3 to 31
- Internal Pages 31 to 54

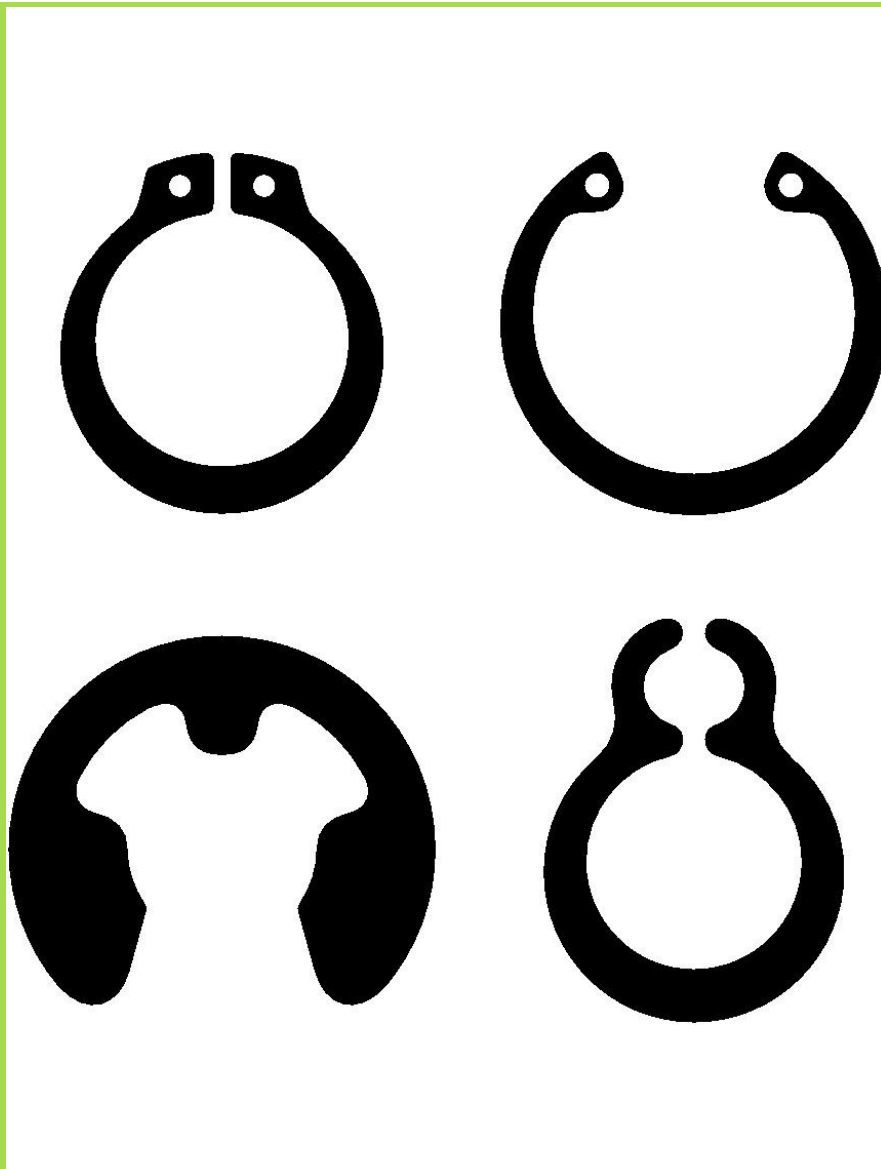
E-Clips Pages 55 to 62

For convenience, these listings combine the following types...

- Imperial
- Metric
- Inverted
- Bevelled
- Bowed
- Stainless Steel
- Carbon Steel
- Zinc Plated
- Beryllium Copper
- Heavy Duty

The following styles are NOT INCLUDED in the listings but may also be available...

- Grooveless
- Round Section
- Snap Rings
- Tabbed
- Wire Rings



To find and order parts online, simply type the part number from this catalogue into the search box on any web page.

Part Number Designations

CCE - 00397 - C

1

2

3

1 Type:

CCE: Circlip External
CEB: Circlip External Bevelled

CCI: Circlip Internal
CIB: Circlip Internal Bevelled

ECL: Eclip
ECB: Eclip Bowed

3 Material:

B: Beryllium Copper
C: Carbon Spring Steel
CZ: Zinc Plated Carbon Steel
CZY: Yellow Zinc Plated Carbon Steel
S42: Stainless Steel 420

Size:

2 External Circlips: Shaft Size
(eg 00397 = 3.97mm, 01588 = 15.88mm)

Internal Circlips: Housing Bore Size
(eg 01588 = 15.88mm, 10000 = 100mm)

E-Clips: Groove-Shaft
(eg 0024-0032 = 2.4mm Groove Dia / 3.2mm Rec. Shaft)

These are just some of the most commonly used suffixes. Please refer to MBA for information on suffixes not listed.

Only very basic information is presented here for easy identification of circlips and e-clips. Please refer to the website or email MBA for more information. Full data sheets are available for individual clips on request.

Circlips - External

Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
3.00 (0.118")	2.80 +0.00/-0.04	0.40 +0.00/-0.05	2.70	CCE-00300-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A3X0.4, MD0471MQB003</i>
3.18 (0.125")	2.97 +/-0.038	0.25 +/-0.025	2.84	CCE-00318-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0012BC, A1/8X.011IN</i>
3.18 (0.125")	2.97 +/-0.038	0.25 +/-0.025	2.80	CCE-00318-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0012</i>
3.18 (0.125")	2.97 +/-0.038	0.25 +/-0.025	2.80	CCE-00318-BZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Beryllium Copper: N1400-0012BCZ</i>
3.97 (0.156")	3.71 +/-0.038	0.30 +/-0.025	3.60	CCE-00397-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0015BC</i>
3.97 (0.156")	3.71 +/-0.038	0.30 +/-0.025	3.60	CCE-00397-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0015, A 9Q27-015</i>
3.97 (0.156")	3.71 +/-0.038	0.30 +/-0.025	3.60	CCE-00397-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0015AZD</i>
3.97 (0.156")	3.71 +/-0.038	0.30 +/-0.025	3.60	CCE-00397-BZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Beryllium Copper: N1400-0015BCZ</i>
4.00 (0.157")	3.80 +0.00/-0.04	0.40 +0.00/-0.05	3.70	CCE-00400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A4X0.4, D1400-0040</i>
4.00 (0.157")	3.80 +0.00/-0.04	0.40 +0.00/-0.05	3.70	CCE-00400-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A4X0.4-411, D1400-0040KSF, CX-4S</i>
4.78 (0.188")	4.45 +/-0.038	0.38 +/-0.051	4.27	CCE-00478-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0018BC</i>
4.78 (0.188")	4.45 +/-0.038	0.38 +/-0.051	4.27	CCE-00478-C	Circlips - External - Standard - Carbon Steel <i>Carbon Steel: N1400-0018, A 9Q27-018, A3/16X.015IN</i>
4.78 (0.188")	4.45 +/-0.038	0.38 +/-0.051	4.30	CCE-00478-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0018AZD</i>
5.00 (0.197")	4.78 +0.00/-0.04	0.60 +0.00/-0.05	4.70	CCE-00500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A5X0.6, D1400-0050</i>
5.00 (0.197")	4.78 +0.00/-0.04	0.60 +0.00/-0.05	4.70	CCE-00500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A5X0.6-411, D1400-0050KSF</i>
5.01 (0.197")	4.78 +/-0.038	0.38 +/-0.051	4.60	CCE-00501-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0019BC</i>
5.01 (0.197")	4.78 +/-0.038	0.40 +/-0.051	4.60	CCE-00501-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0019</i>
5.56 (0.219")	5.21 +/-0.038	0.40 +/-0.051	5.00	CCE-00556-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0022BC, A 9Q27-021</i>
5.56 (0.219")	5.21 +/-0.038	0.40 +/-0.051	5.00	CCE-00556-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0022</i>
5.95 (0.234")	5.60 +/-0.038	0.40 +/-0.051	5.50	CCE-00595-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0023BC</i>
5.95 (0.234")	5.60 +/-0.038	0.40 +/-0.051	5.50	CCE-00595-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0023</i>
6.00 (0.236")	5.70 +0.00/-0.04	0.70 +0.00/-0.05	5.60	CCE-00600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A6X0.7, D1400-0060</i>
6.00 (0.236")	5.70 +0.00/-0.04	0.70 +0.00/-0.05	5.60	CCE-00600-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A6X0.7-411, D1400-0060KSF, CX-6S</i>
6.35 (0.250")	5.84 +/-0.038	0.64 +/-0.051	5.72	CCE-00635-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0025</i>
6.35 (0.250")	5.84 +/-0.038	0.64 +/-0.051	5.72	CCE-00635-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0025KSF, S73HW2-100-025</i>
6.35 (0.250")	5.84 +/-0.038	0.64 +/-0.051	5.72	CCE-00635-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0025BC</i>
6.35 (0.250")	5.84 +/-0.038	0.64 +/-0.051	5.72	CCE-00635-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0025AZD</i>
6.35 (0.250")	5.84 +/-0.038	0.64 +/-0.051	5.72	CCE-00635-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0025AZD</i>
7.00 (0.276")	6.70 +0.00/-0.06	0.80 +0.00/-0.05	6.50	CCE-00700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A7X0.8, D1400-0070</i>
7.00 (0.276")	6.70 +0.00/-0.06	0.80 +0.00/-0.05	6.50	CCE-00700-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A7X0.8-411, D1400-0070KSF, CX-7S</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
7.01 (0.276")	6.48 +/-0.051	0.64 +/-0.051	6.35	CCE-00701-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0027KSF, S73HW2-100-027	
7.01 (0.276")	6.48 +/-0.051	0.64 +/-0.051	6.35	CCE-00701-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0027BC	
7.01 (0.276")	6.48 +/-0.051	0.64 +/-0.051	6.35	CCE-00701-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0027	
7.01 (0.276")	6.48 +/-0.051	0.64 +/-0.051	6.35	CCE-00701-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0027AZD	
7.14 (0.281")	6.63 +/-0.051	0.64 +/-0.051	6.50	CCE-00714-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0028AZD	
7.14 (0.281")	6.63 +/-0.051	0.64 +/-0.051	6.50	CCE-00714-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0028	
7.14 (0.281")	6.63 +/-0.051	0.64 +/-0.051	6.50	CCE-00714-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0028KSF, S73HW2-100-028	
7.94 (0.313")	7.37 +/-0.051	0.64 +/-0.051	7.14	CCE-00794-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0031	
7.94 (0.313")	7.37 +/-0.051	0.64 +/-0.051	7.14	CCE-00794-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0031KSF	
7.94 (0.313")	7.37 +/-0.051	0.64 +/-0.051	7.14	CCE-00794-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0031BC	
7.94 (0.313")	7.37 +/-0.051	0.64 +/-0.051	7.14	CCE-00794-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0031AZD	
7.94 (0.313")	7.37 +/-0.051	0.64 +/-0.051	7.14	CCE-00794-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: N1400-0031AZD	
8.00 (0.315")	7.60 +0.00/-0.06	0.80 +0.00/-0.05	7.40	CCE-00800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A8X0.8, D1400-0080	
8.00 (0.315")	7.60 +0.00/-0.06	0.80 +0.00/-0.05	7.40	CCE-00800-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A8X0.8-411, D1400-0080KSF, CX-8S	
8.74 (0.344")	8.15 +/-0.051	0.64 +/-0.051	7.85	CCE-00874-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0034	
8.74 (0.344")	8.15 +/-0.051	0.64 +/-0.051	7.85	CCE-00874-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0034KSF, S73HW2-100-034	
8.74 (0.344")	8.20 +/-0.051	0.64 +/-0.051	7.85	CCE-00874-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0034BC	
8.74 (0.344")	8.20 +/-0.051	0.64 +/-0.051	7.85	CCE-00874-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0034AZD	
8.99 (0.354")	8.38 +/-0.051	0.64 +/-0.051	8.13	CCE-00899-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0035	
8.99 (0.354")	8.38 +/-0.051	0.64 +/-0.051	8.13	CCE-00899-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0035KSF, S73HW2-100-035	
8.99 (0.354")	8.40 +/-0.051	0.64 +/-0.051	8.13	CCE-00899-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0035BC	
8.99 (0.354")	8.40 +/-0.051	0.64 +/-0.051	8.13	CCE-00899-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0035AZD	
9.00 (0.354")	8.60 +0.00/-0.06	1.00 +0.00/-0.06	8.40	CCE-00900-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A9X1, D1400-0090	
9.00 (0.354")	8.60 +0.00/-0.06	1.00 +0.00/-0.06	8.40	CCE-00900-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A9X1-411, D1400-0090KSF, CX-9S	
9.53 (0.375")	8.90 +/-0.051	0.64 +/-0.051	8.59	CCE-00953-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0037BC	
9.53 (0.375")	8.90 +/-0.051	0.64 +/-0.051	8.59	CCE-00953-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0037AZD	
9.53 (0.375")	8.94 +/-0.051	0.64 +/-0.051	8.59	CCE-00953-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0037	
9.53 (0.375")	8.94 +/-0.051	0.64 +/-0.051	8.59	CCE-00953-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0037KSF, S73HW2-100-037	
10.00 (0.394")	9.50 +0.00/-0.11	0.60 +0.00/-0.05	9.20	CCE-01000-C-V	Circlips - External - Inverted Spring Steel: M1408-0100, Seeger AV, Ellison EXTV	
10.00 (0.394")	9.60 +0.00/-0.11	1.00 +0.00/-0.06	9.30	CCE-01000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A10X1, D1400-0100	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
10.00 (0.394")	9.60 +0.00/-0.11	1.00 +0.00/-0.06	9.30	CCE-01000-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A10X1-411, D1400-0100KSF	
10.00 (0.394")	9.60 +0.00/-0.11	1.00 +0.00/-0.06	9.30	CCE-01000-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: A10X1Z, D1400-0100AZD	
10.01 (0.394")	9.35 +0.025/-0.052	0.89 +/-0.051	9.20	CCE-01001H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0039, MIL-3217, Waldes 5160	
10.01 (0.394")	9.35 +0.025/-0.052	0.89 +/-0.051	9.20	CCE-01001H-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1460-0039KSR, MIL-3217, Waldes 5160	
10.01 (0.394")	9.37 +/-0.051	0.64 +/-0.051	8.99	CCE-01001-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0039	
10.01 (0.394")	9.37 +/-0.051	0.64 +/-0.051	8.99	CCE-01001-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0039KSF, S73HW2-100-039	
10.01 (0.394")	9.40 +/-0.051	0.64 +/-0.051	8.99	CCE-01001-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0039AZD	
10.32 (0.406")	9.70 +/-0.051	0.64 +/-0.051	9.30	CCE-01032-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0040	
10.32 (0.406")	9.70 +/-0.051	0.64 +/-0.051	9.30	CCE-01032-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0040KSF	
10.32 (0.406")	9.70 +/-0.051	0.64 +/-0.051	9.30	CCE-01032-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0040AZD	
10.87 (0.428")	10.21 +0.025/-0.052	0.89 +/-0.051	10.10	CCE-01087H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0042, MIL-3217, Waldes 5160	
10.87 (0.428")	10.21 +0.025/-0.052	0.89 +/-0.051	10.10	CCE-01087H-S42	Circlips - External - Standard - Stainless Steel Carbon Spring Steel: N1460-0042KSR, MIL-3217, Waldes 5160	
11.00 (0.433")	10.39 +0.00/-0.11	1.00 +0.00/-0.06	10.20	CCE-01100-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A11X1-411, D1400-0110KSF	
11.00 (0.433")	10.50 +0.00/-0.11	1.00 +0.00/-0.06	10.20	CCE-01100-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A11X1, D1400-0110	
11.11 (0.437")	10.46 +/-0.051	0.64 +/-0.051	10.03	CCE-01111-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0043	
11.11 (0.437")	10.46 +/-0.051	0.64 +/-0.051	10.03	CCE-01111-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0043KSF, S73HW2-100-043	
11.11 (0.437")	10.46 +/-0.051	0.64 +/-0.051	10.03	CCE-01111-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: N1400-0043AZD	
11.11 (0.437")	10.46 +/-0.051	0.64 +/-0.051	10.03	CCE-01111-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0043AZD	
11.91 (0.469")	11.25 +/-0.051	0.64 +/-0.051	10.87	CCE-01191-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0046	
11.91 (0.469")	11.25 +/-0.051	0.64 +/-0.051	10.87	CCE-01191-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0046KSF, S73HW2-100-046	
11.91 (0.469")	11.30 +/-0.051	0.64 +/-0.051	10.87	CCE-01191-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0046AZD	
12.00 (0.472")	11.50 +0.00/-0.11	1.00 +0.00/-0.06	11.00	CCE-01200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A12X1, D1400-0120	
12.00 (0.472")	11.50 +0.00/-0.11	1.00 +0.00/-0.06	11.00	CCE-01200-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A12X1-411, D1400-0120KSF, CX-12S	
12.00 (0.472")	11.50 +0.00/-0.11	1.00 +0.00/-0.06	11.00	CCE-01200-C-V	Circlips - External - Inverted Spring Steel: M1408-0120, Seeger AV, Ellison EXTV	
12.00 (0.472")	11.50 +0.00/-0.11	1.50 +0.00/-0.06	11.00	CCE-01200H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0120, AS12X1.5	
12.01 (0.473")	11.28 +0.025/-0.052	1.07 +/-0.051	10.80	CCE-01201H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0047, MIL-3217, Waldes 5160	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-C-V	Circlips - External - Inverted Spring Steel: N1408-0050, MIL-16626, Waldes 5108	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0050	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0050KSF, S73HW2-100-050	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-S42-V	Circlips - External - Inverted 416 Stainless Steel: N1408-0050KSF, MIL-16626, Waldes 5108	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0050BC</i>	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0050AZD</i>	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-CZT	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0050AZD</i>	
12.70 (0.500")	11.89 +/-0.051	0.89 +/-0.051	11.71	CCE-01270-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0050AZD</i>	
12.70 (0.500")	11.89 +0.025/-0.052	1.27 +/-0.051	11.68	CCE-01270H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0050, MIL-3217, Waldes 5160</i>	
12.70 (0.500")	11.89 +0.025/-0.052	1.27 +/-0.051	11.68	CCE-01270H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0050KSR, MIL-3217, Waldes 5160</i>	
13.00 (0.512")	12.40 +0.00/-0.11	1.00 +0.00/-0.06	11.90	CCE-01300-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A13X1, D1400-0130</i>	
13.00 (0.512")	12.40 +0.00/-0.11	1.00 +0.00/-0.06	11.90	CCE-01300-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A13X1-411, D1400-0130KSF</i>	
13.00 (0.512")	12.40 +0.00/-0.11	1.00 +0.00/-0.06	11.90	CCE-01300-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0130, Seeger AV, Ellison EXTV</i>	
13.99 (0.551")	13.18 +/-0.051	0.89 +/-0.051	12.93	CCE-01399-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0055KSF, S73HW2-100-055</i>	
13.99 (0.551")	13.18 +/-0.051	0.89 +/-0.051	12.93	CCE-01399-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0055</i>	
13.99 (0.551")	13.18 +/-0.051	0.89 +/-0.051	12.93	CCE-01399-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0055AZD</i>	
14.00 (0.551")	13.40 +0.00/-0.11	1.00 +0.00/-0.06	12.90	CCE-01400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A14X1, D1400-0140</i>	
14.00 (0.551")	13.40 +0.00/-0.11	1.00 +0.00/-0.06	12.90	CCE-01400-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A14X1-411, D1400-0140KSF, CX-14S</i>	
14.00 (0.551")	13.40 +0.00/-0.11	1.00 +0.00/-0.06	12.90	CCE-01400-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0140, Seeger AV, Ellison EXTV</i>	
14.29 (0.563")	13.46 +/-0.051	0.89 +/-0.051	13.20	CCE-01429-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0056KSF</i>	
14.29 (0.563")	13.46 +/-0.051	0.89 +/-0.051	13.23	CCE-01429-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0056, MIL-16626, Waldes 5108</i>	
14.29 (0.563")	13.46 +/-0.051	0.89 +/-0.051	13.20	CCE-01429-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0056BC</i>	
14.29 (0.563")	13.46 +/-0.051	0.89 +/-0.051	13.20	CCE-01429-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0056</i>	
14.29 (0.563")	13.46 +/-0.051	0.89 +/-0.051	13.20	CCE-01429-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0056AZD</i>	
15.00 (0.591")	14.20 +0.00/-0.11	1.50 +0.00/-0.06	13.80	CCE-01500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0150, AS15X1.5</i>	
15.00 (0.591")	14.20 +0.00/-0.11	1.50 +0.00/-0.06	13.70	CCE-01500HC-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>	
15.00 (0.591")	14.20 +0.00/-0.11	1.50 +0.00/-0.06	13.80	CCE-01500HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>	
15.00 (0.591")	14.30 +0.00/-0.11	1.00 +0.00/-0.06	13.80	CCE-01500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A15X1, D1400-0150</i>	
15.00 (0.591")	14.30 +0.00/-0.11	1.00 +0.00/-0.06	13.80	CCE-01500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A15X1-411, D1400-0150KSF, CX-15S</i>	
15.00 (0.591")	14.30 +0.00/-0.11	1.00 +0.00/-0.06	13.80	CCE-01500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0150, Seeger AV, Ellison EXTV</i>	
15.09 (0.594")	14.10 +0.025/-0.076	1.27 +/-0.051	13.97	CCE-01509H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0059, MIL-3217, Waldes 5160</i>	
15.09 (0.594")	14.10 +0.025/-0.076	1.27 +/-0.051	13.97	CCE-01509H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0059KSR, MIL-3217, Waldes 5160</i>	
15.09 (0.594")	14.20 +/-0.076	0.89 +/-0.051	13.97	CCE-01509-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0059</i>	
15.09 (0.594")	14.20 +/-0.076	0.89 +/-0.051	14.00	CCE-01509-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0059KSF</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
15.09 (0.594")	14.20 +/-0.076	0.89 +/-0.051	14.00	CCE-01509-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0059AZD</i>	
15.09 (0.594")	14.20 +/-0.076	0.89 +/-0.051	14.00	CCE-01509-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0059AZD</i>	
15.09 (0.594")	14.20 +/- 0.076	0.89 +/- 0.051	13.97	CCE-01509-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0059, MIL-16626, Waldes 5108</i>	
15.88 (0.625")	14.94 +/-0.076	0.89 +/-0.051	14.71	CCE-01588-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0062</i>	
15.88 (0.625")	14.94 +/-0.076	0.89 +/-0.051	14.71	CCE-01588-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0062KSF, S73HW2-100-062</i>	
15.88 (0.625")	14.94 +/-0.076	0.89 +/-0.051	14.70	CCE-01588-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0062BC</i>	
15.88 (0.625")	14.94 +/-0.076	0.89 +/-0.051	14.70	CCE-01588-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0062AZD</i>	
15.88 (0.625")	14.94 +/- 0.076	1.07 +/- 0.051	14.71	CCE-01588-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0062, MIL-16626, Waldes 5108</i>	
15.88 (0.625")	14.94 +/- 0.076	1.07 +/- 0.051	14.71	CCE-01588-CZY-V	Circlips - External - Standard - Zinc Plated <i>Zinc Plated, Yellow, Spring Steel: N1408-0062AZD, MIL-16626, Waldes 5108</i>	
15.88 (0.625")	14.94 +0.025/-0.076	1.27 +/-0.051	14.61	CCE-01588H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0062, MIL-3217, Waldes 5160</i>	
15.88 (0.625")	14.94 +0.025/-0.076	1.27 +/-0.051	14.61	CCE-01588H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0062KSR, MIL-3217, Waldes 5160</i>	
15.88 (0.625")	14.94 +0.025/-0.076	1.27 +/-0.051	14.61	CCE-01588H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0062AZD, MIL-3217, Waldes 5160</i>	
16.00 (0.630")	15.10 +0.00/-0.11	1.50 +0.00/-0.06	14.60	CCE-01600HB-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>	
16.00 (0.630")	15.20 +0.00/-0.11	1.00 +0.00/-0.06	14.70	CCE-01600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A16X1, D1400-0160</i>	
16.00 (0.630")	15.20 +0.00/-0.11	1.00 +0.00/-0.06	14.70	CCE-01600-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A16X1-411, D1400-0160KSF, CX-16S</i>	
16.00 (0.630")	15.20 +0.00/-0.11	1.00 +0.00/-0.06	14.70	CCE-01600-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0160, Seeger AV, Ellison EXTV</i>	
16.00 (0.630")	15.20 +0.00/-0.11	1.50 +0.00/-0.06	14.70	CCE-01600H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0160, AS16X1.5</i>	
16.00 (0.630")	15.20 +0.00/-0.11	1.50 +0.00/-0.06	14.70	CCE-01600HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>	
16.99 (0.669")	15.98 +0.025/-0.076	1.27 +/-0.051	15.65	CCE-01699H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0066, MIL-3217, Waldes 5160</i>	
16.99 (0.669")	15.98 +0.025/-0.076	1.27 +/-0.051	15.65	CCE-01699H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0066KSR, MIL-3217, Waldes 5160</i>	
17.00 (0.669")	16.00 +0.00/-0.11	1.50 +0.00/-0.06	15.60	CCE-01700HB-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>	
17.00 (0.669")	16.20 +0.00/-0.11	1.00 +0.00/-0.06	15.70	CCE-01700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A17X1, D1400-0170</i>	
17.00 (0.669")	16.20 +0.00/-0.11	1.00 +0.00/-0.06	15.70	CCE-01700-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A17X1-411, D1400-0170KSF, CX-17S</i>	
17.00 (0.669")	16.20 +0.00/-0.11	1.00 +0.00/-0.06	15.70	CCE-01700-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0170, Seeger AV, Ellison EXTV</i>	
17.00 (0.669")	16.20 +0.00/-0.11	1.50 +0.00/-0.06	15.70	CCE-01700H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0170, AS17X1.5</i>	
17.07 (0.672")	16.03 +/-0.076	0.89 +/-0.051	15.77	CCE-01707-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0066</i>	
17.07 (0.672")	16.03 +/-0.076	0.89 +/-0.051	15.80	CCE-01707-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0066KSF</i>	
17.07 (0.672")	16.03 +/-0.076	0.89 +/-0.051	15.80	CCE-01707-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0066AZD</i>	
17.46 (0.687")	16.41 +/-0.076	1.07 +/-0.051	16.13	CCE-01746-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0068KSF, S73HW2-100-068</i>	
17.46 (0.687")	16.41 +/-0.076	1.07 +/-0.051	16.10	CCE-01746-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0068BC</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
17.46 (0.687")	16.41 +/-0.076	1.07 +/-0.051	16.10	CCE-01746-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0068AZD	
17.46 (0.687")	16.41 +/- 0.076	1.07 +/- 0.051	16.13	CCE-01746-S42-V	Circlips - External - Inverted 416 Stainless Steel: N1408-0068KSF, MIL-16626, Waldes 5108	
17.46 (0.687")	16.41 +/-0.076	1.07 +/-0.051	16.13	CCE-01746-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0068, A-11/16	
18.00 (0.709")	16.80 +0.00/-0.11	1.50 +0.00/-0.06	16.30	CCE-01800HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
18.00 (0.709")	17.00 +0.00/-0.11	1.20 +0.00/-0.06	16.50	CCE-01800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A18X1.2, D1400-0180	
18.00 (0.709")	17.00 +0.00/-0.11	1.20 +0.00/-0.06	16.50	CCE-01800-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A18X1.2-411, D1400-0180KSF, CX-18S	
18.00 (0.709")	17.00 +0.00/-0.11	1.20 +0.00/-0.06	16.50	CCE-01800-C-V	Circlips - External - Inverted Spring Steel: M1408-0180, Seeger AV, Ellison EXTV	
18.00 (0.709")	17.00 +0.00/-0.11	1.50 +0.00/-0.06	16.50	CCE-01800H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0180, AS18X1.5	
19.00 (0.748")	17.80 +0.00/-0.11	1.50 +0.00/-0.06	17.50	CCE-01900H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0190, AS19X1.5	
19.00 (0.748")	17.80 +0.00/-0.11	1.50 +0.00/-0.06	17.50	CCE-01900HB-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
19.00 (0.748")	17.89 +0.00/-0.11	1.20 +0.00/-0.06	17.50	CCE-01900-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A19X1.2-411, D1400-0190KSF	
19.00 (0.748")	18.00 +0.00/-0.11	1.20 +0.00/-0.06	17.50	CCE-01900-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A19X1.2, D1400-0190	
19.05 (0.750")	17.88 +/- 0.076	1.07 +/- 0.051	17.60	CCE-01905-C-V	Circlips - External - Inverted Spring Steel: N1408-0075, MIL-16626, Waldes 5108	
19.05 (0.750")	17.88 +/-0.076	1.07 +/-0.051	17.60	CCE-01905-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0075	
19.05 (0.750")	17.88 +/-0.076	1.07 +/-0.051	17.60	CCE-01905-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0075KSF, S73HW2-100-075	
19.05 (0.750")	17.88 +/- 0.076	1.07 +/- 0.051	17.60	CCE-01905-S42-V	Circlips - External - Inverted 416 Stainless Steel: N1408-0075KSF, MIL-16626, Waldes 5108	
19.05 (0.750")	17.88 +/-0.076	1.07 +/-0.051	17.60	CCE-01905-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0075BC	
19.05 (0.750")	17.88 +/-0.076	1.07 +/-0.051	17.60	CCE-01905-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0075AZD	
19.05 (0.750")	17.88 +/-0.076	1.07 +/-0.051	17.60	CCE-01905-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: N1400-0075AZD	
19.05 (0.750")	17.88 +0.025/-0.076	1.98 +/-0.076	17.50	CCE-01905H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0075, MIL-3217, Waldes 5160	
19.05 (0.750")	17.88 +0.025/-0.076	1.98 +/-0.076	17.50	CCE-01905H-S42	Circlips - External - Standard - Stainless Steel Carbon Spring Steel: N1460-0075KSR, MIL-3217, Waldes 5160	
19.05 (0.750")	17.88 +0.025/-0.076	1.98 +/-0.076	17.50	CCE-01905H-CZY	Circlips - External - Standard - Zinc Plated Carbon Spring Steel: N1460-0075AZD, MIL-3217, Waldes 5160	
19.84 (0.781")	18.62 +/- 0.076	1.07 +/- 0.051	18.34	CCE-01984-C-V	Circlips - External - Inverted Spring Steel: N1408-0078, MIL-16626, Waldes 5108	
19.84 (0.781")	18.62 +/-0.076	1.07 +/-0.051	18.30	CCE-01984-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0078KSF	
19.84 (0.781")	18.62 +/-0.076	1.07 +/-0.051	18.30	CCE-01984-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0078AZD	
19.84 (0.781")	18.62 +/-0.076	1.07 +/-0.051	18.34	CCE-01984-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0078	
20.00 (0.787")	18.80 +0.00/-0.15	1.75 +0.00/-0.06	18.30	CCE-02000HB-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
20.00 (0.787")	18.90 +0.00/-0.15	1.75 +0.00/-0.06	18.40	CCE-02000HC-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
20.00 (0.787")	19.00 +0.00/-0.13	1.20 +0.00/-0.06	18.50	CCE-02000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A20X1.2, D1400-0200	
20.00 (0.787")	19.00 +0.00/-0.13	1.20 +0.00/-0.06	18.50	CCE-02000-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A20X1.2-411, D1400-0200KSF, CX-20S	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
20.00 (0.787")	19.00 +0.00/-0.13	1.20 +0.00/-0.06	18.50	CCE-02000-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: A20X1.2Z, D1400-0200AZD	
20.00 (0.787")	19.00 +0.00/-0.15	1.20 +0.00/-0.06	18.50	CCE-02000-C-V	Circlips - External - Inverted Spring Steel: M1408-0200, Seeger AV, Ellison EXTV	
20.00 (0.787")	19.00 +0.00/-0.15	1.75 +0.00/-0.06	18.50	CCE-02000H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0200, AS20X1.8	
20.64 (0.813")	19.35 +/- 0.076	1.07 +/- 0.051	19.10	CCE-02064-C-V	Circlips - External - Inverted Spring Steel: N1408-0081, MIL-16626, Waldes 5108	
20.64 (0.813")	19.36 +/-0.076	1.07 +/-0.051	19.10	CCE-02064-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0081	
20.64 (0.813")	19.36 +/-0.076	1.07 +/-0.051	19.10	CCE-02064-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0081KSF	
20.64 (0.813")	19.36 +/-0.076	1.07 +/-0.051	19.10	CCE-02064-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0081AZD	
21.00 (0.827")	20.00 +0.00/-0.13	1.20 +0.00/-0.06	19.50	CCE-02100-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A21X1.2, D1400-0210	
21.00 (0.827")	20.00 +0.00/-0.15	1.20 +0.00/-0.06	19.35	CCE-02100-C-V	Circlips - External - Inverted Spring Steel: M1408-0210, Seeger AV, Ellison EXTV	
21.43 (0.844")	20.10 +/-0.076	1.07 +/-0.051	19.80	CCE-02143-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0084	
21.43 (0.844")	20.10 +/-0.076	1.07 +/-0.051	19.80	CCE-02143-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0084KSF	
21.43 (0.844")	20.10 +/-0.076	1.07 +/-0.051	19.80	CCE-02143-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0084AZD	
22.00 (0.866")	20.80 +0.00/-0.15	1.75 +0.00/-0.06	20.30	CCE-02200HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
22.00 (0.866")	21.00 +0.00/-0.13	1.20 +0.00/-0.06	20.50	CCE-02200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A22X1.2, D1400-0220	
22.00 (0.866")	21.00 +0.00/-0.13	1.20 +0.00/-0.06	20.50	CCE-02200-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A22X1.2-411, D1400-0220KSF, CX-22S	
22.00 (0.866")	21.00 +0.00/-0.15	1.20 +0.00/-0.06	20.50	CCE-02200-C-V	Circlips - External - Inverted Spring Steel: M1408-0220, Seeger AV, Ellison EXTV	
22.00 (0.866")	21.00 +0.00/-0.15	1.75 +0.00/-0.06	20.50	CCE-02200H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0220, AS22X1.8	
22.23 (0.875")	20.85 +/- 0.076	1.07 +/- 0.051	20.57	CCE-02223-C-V	Circlips - External - Inverted Spring Steel: N1408-0087, MIL-16626, Waldes 5108	
22.23 (0.875")	20.85 +/-0.076	1.07 +/-0.051	20.57	CCE-02223-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0087KSF, S73HW2-100-087	
22.23 (0.875")	20.85 +/- 0.076	1.07 +/- 0.051	20.57	CCE-02223-S42-V	Circlips - External - Inverted 416 Stainless Steel: N1408-0087KSF, MIL-16626, Waldes 5108	
22.23 (0.875")	20.85 +/-0.076	1.07 +/-0.051	20.57	CCE-02223-B	Circlips - External - Standard - Beryllium Copper Beryllium Copper: N1400-0087BC	
22.23 (0.875")	20.85 +/-0.076	1.07 +/-0.051	20.57	CCE-02223-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0087	
22.23 (0.875")	20.85 +/-0.076	1.07 +/-0.051	20.57	CCE-02223-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: N1400-0087AZD	
22.23 (0.875")	20.85 +/-0.076	1.07 +/-0.051	20.57	CCE-02223-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0087AZD	
22.23 (0.875")	20.85 +0.025/-0.076	1.98 +/-0.076	20.42	CCE-02223H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0087, MIL-3217, Waldes 5160	
22.23 (0.875")	20.85 +0.025/-0.076	1.98 +/-0.076	20.42	CCE-02223H-S42	Circlips - External - Standard - Stainless Steel Carbon Spring Steel: N1460-0087KSR, MIL-3217, Waldes 5160	
22.23 (0.875")	20.85 +0.025/-0.076	1.98 +/-0.076	20.42	CCE-02223H-CZY	Circlips - External - Standard - Zinc Plated Carbon Spring Steel: N1460-0087AZD, MIL-3217, Waldes 5160	
23.00 (0.906")	21.80 +0.00/-0.15	1.75 +0.00/-0.06	21.30	CCE-02300H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0230, AS23X1.8	
23.00 (0.906")	22.00 +0.00/-0.15	1.20 +0.00/-0.06	21.50	CCE-02300-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A23X1.2, D1400-0230	
23.00 (0.906")	22.00 +0.00/-0.21	1.20 +0.00/-0.06	21.50	CCE-02300-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A23X1.2-411, D1400-0230KSF	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
23.00 (0.906")	22.00 +0.00/-0.21	1.20 +0.00/-0.06	21.50	CCE-02300-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: A23X1.2Z, D1400-0230</i>
23.00 (0.906")	22.00 +0.00/-0.15	1.20 +0.00/-0.06	21.50	CCE-02300-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0230, Seeger AV, Ellison EXTV</i>
23.81 (0.937")	22.40 +/-0.076	1.07 +/-0.051	22.00	CCE-02381-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0093KSF</i>
23.81 (0.937")	22.40 +/-0.076	1.07 +/-0.051	22.00	CCE-02381-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0093</i>
23.81 (0.937")	22.40 +/-0.076	1.07 +/-0.051	22.00	CCE-02381-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0093AZD</i>
23.81 (0.937")	22.40 +/- 0.076	1.07 +/- 0.051	22.02	CCE-02381-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0093KSF, MIL-16626, Waldes 5108</i>
24.00 (0.945")	22.70 +0.00/-0.21	1.75 +0.00/-0.06	22.00	CCE-02400HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
24.00 (0.945")	22.90 +0.00/-0.21	1.20 +0.00/-0.06	22.20	CCE-02400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A24X1.2, D1400-0240</i>
24.00 (0.945")	22.90 +0.00/-0.21	1.20 +0.00/-0.06	22.20	CCE-02400-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A24X1.2, D1400-0240KSF, CX-24S</i>
24.00 (0.945")	22.90 +0.00/-0.21	1.20 +0.00/-0.06	22.20	CCE-02400-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0240, Seeger AV, Ellison EXTV</i>
24.00 (0.945")	22.90 +0.00/-0.21	1.75 +0.00/-0.06	22.20	CCE-02400H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0240, AS24X1.8</i>
24.99 (0.984")	23.50 +0.025/-0.076	2.00 +/-0.076	22.90	CCE-02499H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0098KSR, MIL-3217, Waldes 5160</i>
24.99 (0.984")	23.50 +0.025/-0.076	2.00 +/-0.076	22.90	CCE-02499H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0098AZD, MIL-3217, Waldes 5160</i>
24.99 (0.984")	23.52 +/-0.076	1.07 +/-0.051	23.10	CCE-02499-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0098</i>
24.99 (0.984")	23.52 +/-0.076	1.07 +/-0.051	23.10	CCE-02499-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0098KSF</i>
24.99 (0.984")	23.52 +/-0.076	1.07 +/-0.051	23.10	CCE-02499-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0098AZD</i>
24.99 (0.984")	23.52 +0.025/-0.076	1.98 +/-0.076	23.01	CCE-02499H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0098, MIL-3217, Waldes 5160</i>
25.00 (0.984")	23.70 +0.00/-0.21	1.50 +0.00/-0.07	23.00	CCE-02500HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
25.00 (0.984")	23.90 +0.00/-0.21	1.20 +0.00/-0.06	23.20	CCE-02500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A25X1.2, D1400-0250</i>
25.00 (0.984")	23.90 +0.00/-0.21	1.20 +0.00/-0.06	23.20	CCE-02500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A25X1.2-411, D1400-0250KSF, CX-25S</i>
25.00 (0.984")	23.90 +0.00/-0.21	1.20 +0.00/-0.06	23.20	CCE-02500-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: A25X1.2Z, D1400-0250</i>
25.00 (0.984")	23.90 +0.00/-0.21	1.20 +0.00/-0.06	23.20	CCE-02500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0250, Seeger AV, Ellison EXTV</i>
25.00 (0.984")	23.90 +0.00/-0.21	2.00 +0.00/-0.07	23.20	CCE-02500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0250, AS25X2</i>
25.40 (1.000")	23.52 +/- 0.076	1.07 +/- 0.051	23.50	CCE-02540-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0100, MIL-16626, Waldes 5108</i>
25.40 (1.000")	23.52 +/- 0.076	1.07 +/- 0.051	23.50	CCE-02540-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0100KSF, MIL-16626, Waldes 5108</i>
25.40 (1.000")	23.62 +0.00/-0.08	1.07 +/-0.05	23.24	CEB-02540-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0100, MIL-16630, Waldes 5102</i>
25.40 (1.000")	23.88 +/-0.076	1.07 +/-0.051	23.50	CCE-02540-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0100KSF, S73HW2-100-100</i>
25.40 (1.000")	23.88 +/-0.076	1.07 +/-0.051	23.50	CCE-02540-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0100BC</i>
25.40 (1.000")	23.88 +/-0.076	1.07 +/-0.051	23.50	CCE-02540-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0100</i>
25.40 (1.000")	23.88 +/-0.076	1.07 +/-0.051	23.50	CCE-02540-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0100AZD</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
25.40 (1.000")	23.88 +/-0.076	1.07 +/-0.051	23.50	CCE-02540-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0100AZD	
25.40 (1.000")	23.88 +0.025/-0.076	1.98 +/-0.076	23.01	CCE-02540H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0100, MIL-3217, Waldes 5160	
25.98 (1.023")	24.16 +0.00/-0.08	1.07 +/-0.05	23.77	CEB-02598-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0102, MIL-16630, Waldes 5102	
25.98 (1.023")	24.40 +/-0.076	1.07 +/-0.051	24.00	CCE-02598-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0102KSF	
25.98 (1.023")	24.40 +/-0.076	1.07 +/-0.051	24.00	CCE-02598-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0102AZD	
25.98 (1.023")	24.41 +/-0.076	1.07 +/-0.051	24.03	CCE-02598-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0102	
26.00 (1.024")	24.40 +0.21/-0.42	2.00 +0.00/-0.07	23.60	CCE-02600H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0260, Rotorclip BE, MIL 16634	
26.00 (1.024")	24.90 +0.00/-0.21	1.20 +0.00/-0.06	24.20	CCE-02600-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A26X1.2, D1400-0260	
26.00 (1.024")	24.90 +0.00/-0.21	1.20 +0.00/-0.06	24.20	CCE-02600-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: A26X1.2-411, D1400-0260KSF, CX-26S	
26.00 (1.024")	24.90 +0.00/-0.21	1.50 +0.00/-0.06	24.20	CCE-02600-C-V	Circlips - External - Inverted Spring Steel: M1408-0260, Seeger AV, Ellison EXTV	
26.99 (1.063")	25.20 +0.00/-0.10	1.27 +/-0.05	24.56	CEB-02699-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0106, MIL-16630, Waldes 5102	
26.99 (1.063")	25.35 +/- 0.102	1.27 +/- 0.051	24.94	CCE-02697-C-V	Circlips - External - Inverted Spring Steel: N1408-0106, MIL-16626, Waldes 5108	
26.99 (1.063")	25.35 +0.051/-0.102	2.36 +/-0.076	24.84	CCE-02699H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0106, MIL-3217, Waldes 5160	
26.99 (1.063")	25.40 +/-0.102	1.30 +/-0.051	24.90	CCE-02699-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0106	
26.99 (1.063")	25.40 +/-0.102	1.30 +/-0.051	24.90	CCE-02699-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0106KSF	
26.99 (1.063")	25.40 +/-0.102	1.30 +/-0.051	24.90	CCE-02699-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0106AZD	
27.00 (1.063")	25.50 +0.00/-0.21	2.00 +0.00/-0.07	24.70	CCE-02700H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0270, AS27X2	
27.00 (1.063")	25.60 +0.00/-0.21	1.20 +0.00/-0.06	24.90	CCE-02700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A27X1.2, D1400-0270	
27.00 (1.063")	25.60 +0.00/-0.21	1.20 +0.00/-0.06	24.90	CCE-02700-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A27X1.2-411, D1400-0270KSF	
28.00 (1.102")	26.40 +0.00/-0.21	2.00 +0.00/-0.07	25.50	CCE-02800HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
28.00 (1.102")	26.60 +0.00/-0.21	1.50 +0.00/-0.06	25.90	CCE-02800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A28X1.5, D1400-0280	
28.00 (1.102")	26.60 +0.00/-0.21	1.50 +0.00/-0.06	25.90	CCE-02800-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A28X1.5-411, D1400-0280KSF	
28.00 (1.102")	26.60 +0.00/-0.21	1.50 +0.00/-0.06	25.90	CCE-02800-C-V	Circlips - External - Inverted Spring Steel: M1408-0280, Seeger AV, Ellison EXTV	
28.00 (1.102")	26.60 +0.00/-0.21	2.00 +0.00/-0.07	25.90	CCE-02800H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0280, AS28X2	
28.58 (1.125")	26.70 +0.00/-0.10	1.27 +/-0.05	26.06	CEB-02858-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0112, MIL-16630, Waldes 5102	
28.58 (1.125")	26.90 +/-0.102	1.27 +/-0.051	26.40	CCE-02858-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0112AZD	
28.58 (1.125")	26.90 +/-0.102	1.27 +/-0.051	26.40	CCE-02858-CZ	Circlips - External - Standard - Zinc Plated Zinc Plated Carbon Spring Steel: N1400-0112AZD	
28.58 (1.125")	26.90 +/- 0.102	1.27 +/- 0.051	26.44	CCE-02858-C-V	Circlips - External - Inverted Spring Steel: N1408-0112, MIL-16626, Waldes 5108	
28.58 (1.125")	26.90 +/-0.102	1.27 +/-0.051	26.44	CCE-02858-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0112, A1-1/8X.059IN	
28.58 (1.125")	26.90 +/-0.102	1.27 +/-0.051	26.44	CCE-02858-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0112KSF, S73HW2-100-112	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
28.58 (1.125")	26.90 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	26.31	CCE-02858H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0112, MIL-3217, Waldes 5160</i>
29.00 (1.142")	27.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	26.90	CCE-02900-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A29X1.5, D1400-0290</i>
29.00 (1.142")	27.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	26.90	CCE-02900-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A29X1.5-411, D1400-0290KSF</i>
29.00 (1.142")	27.60 <i>+0.00/-0.21</i>	2.00 <i>+0.00/-0.07</i>	26.90	CCE-02900H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0290, AS29X2</i>
29.00 (1.142")	27.60 <i>+0.00/-0.21</i>	2.00 <i>+0.00/-0.07</i>	26.90	CCE-02900HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
30.00 (1.181")	28.30 <i>+0.00/-0.21</i>	2.00 <i>+0.00/-0.07</i>	27.60	CCE-03000HB-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
30.00 (1.181")	28.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	27.90	CCE-03000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A30X1.5, D1400-0300</i>
30.00 (1.181")	28.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	27.90	CCE-03000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A30X1.5-411, D1400-0300KSF</i>
30.00 (1.181")	28.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	27.90	CCE-03000-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: A30X1.5Z, D1400-0300AZD</i>
30.00 (1.181")	28.60 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	27.90	CCE-03000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0300, Seeger AV, Ellison EXTV</i>
30.00 (1.181")	28.60 <i>+0.00/-0.21</i>	2.00 <i>+0.00/-0.07</i>	27.90	CCE-03000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0300, AS30X2</i>
30.16 (1.187")	28.14 <i>+0.00/-0.10</i>	1.27 <i>+/-0.05</i>	27.51	CEB-03016-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0119, MIL-16630, Waldes 5102</i>
30.16 (1.187")	28.22 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	27.61	CCE-03016H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0118, MIL-3217, Waldes 5160</i>
30.16 (1.187")	28.22 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	27.61	CCE-03016H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0118KSR, MIL-3217, Waldes 5160</i>
30.16 (1.187")	28.22 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	27.61	CCE-03016H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0118AZD, MIL-3217, Waldes 5160</i>
30.16 (1.187")	28.40 <i>+/- 0.102</i>	1.27 <i>+/- 0.051</i>	27.89	CCE-03016-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0119, MIL-16626, Waldes 5108</i>
30.16 (1.187")	28.40 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	27.89	CCE-03016-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0118</i>
30.16 (1.187")	28.40 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	27.89	CCE-03016-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0118KSF, S73HW2-100-118</i>
30.16 (1.187")	28.40 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	27.90	CCE-03016-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0118AZD</i>
31.00 (1.220")	29.09 <i>+0.00/-0.21</i>	1.50 <i>+0.00/-0.06</i>	28.56	CCE-03100-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A31X1.5, D1400-0310</i>
31.75 (1.250")	29.62 <i>+0.00/-0.10</i>	1.27 <i>+/-0.05</i>	28.98	CEB-03175-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0125, MIL-16630, Waldes 5102</i>
31.75 (1.250")	29.82 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	29.21	CCE-03175H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0125, MIL-3217, Waldes 5160</i>
31.75 (1.250")	29.82 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	29.21	CCE-03175H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0125AZD, MIL-3217, Waldes 5160</i>
31.75 (1.250")	29.82 <i>+0.051/-0.102</i>	2.36 <i>+/-0.076</i>	29.21	CCE-03175H-CZ	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0125AZD, MIL-3217, Waldes 5160</i>
31.75 (1.250")	29.87 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	29.36	CCE-03175-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0125</i>
31.75 (1.250")	29.87 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	29.36	CCE-03175-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0125KSF, S73HW2-100-125</i>
31.75 (1.250")	29.87 <i>+/- 0.102</i>	1.27 <i>+/- 0.051</i>	29.36	CCE-03175-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0125, MIL-16626, Waldes 5108</i>
31.75 (1.250")	29.87 <i>+/- 0.102</i>	1.27 <i>+/- 0.051</i>	29.36	CCE-03175-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0125KSF, MIL-16626, Waldes 5108</i>
31.75 (1.250")	29.90 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	29.40	CCE-03175-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0125BC</i>
31.75 (1.250")	29.90 <i>+/-0.102</i>	1.27 <i>+/-0.051</i>	29.40	CCE-03175-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0125AZD</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
31.75 (1.250")	29.90 +/-0.102	1.27 +/-0.051	29.40	CCE-03175-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0125AZD	
32.00 (1.260")	30.05 +0.00/-0.25	1.50 +0.00/-0.06	29.60	CCE-03200-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A32X1.5-411, D1400-0320KSF	
32.00 (1.260")	30.30 +0.00/-0.25	1.50 +0.00/-0.06	29.60	CCE-03200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A32X1.5, D1400-0320	
32.00 (1.260")	30.30 +0.00/-0.25	1.50 +0.00/-0.06	29.60	CCE-03200-C-V	Circlips - External - Inverted Spring Steel: M1408-0320, Seeger AV, Ellison EXTV	
32.00 (1.260")	30.30 +0.00/-0.21	2.00 +0.00/-0.07	29.60	CCE-03200H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0320, AS32X2	
33.00 (1.299")	31.30 +0.00/-0.25	1.50 +0.00/-0.06	30.50	CCE-03300-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A33X1.5, D1400-0330	
33.00 (1.299")	31.30 +0.00/-0.25	2.00 +0.00/-0.07	30.50	CCE-03300H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0330, AS33X2	
33.00 (1.299")	31.30 +0.00/-0.25	2.00 +0.00/-0.07	30.50	CCE-03300HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
33.38 (1.314")	31.09 +0.00/-0.10	1.27 +/-0.05	30.45	CEB-03338-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0131, MIL-16630, Waldes 5102	
33.38 (1.314")	31.29 +/- 0.102	1.27 +/- 0.051	30.84	CCE-03332-C-V	Circlips - External - Inverted Spring Steel: N1408-0131, MIL-16626, Waldes 5108	
33.38 (1.314")	31.30 +/-0.102	1.27 +/-0.051	30.80	CCE-03338-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0131	
33.38 (1.314")	31.30 +/-0.102	1.27 +/-0.051	30.80	CCE-03338-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0131KSF	
33.38 (1.314")	31.30 +/-0.102	1.27 +/-0.051	30.80	CCE-03338-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0131AZD	
33.38 (1.314")	31.34 +0.051/-0.102	2.36 +/-0.076	30.68	CCE-03338H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0131, MIL-3217, Waldes 5160	
34.00 (1.339")	32.10 +0.00/-0.25	2.50 +0.00/-0.07	31.30	CCE-03400HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	
34.00 (1.339")	32.30 +0.00/-0.25	1.50 +0.00/-0.06	31.50	CCE-03400-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A34X1.5, D1400-0340	
34.00 (1.339")	32.30 +0.00/-0.25	1.50 +0.00/-0.06	31.50	CCE-03400-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A34X1.5-411, D1400-0340KSF	
34.00 (1.339")	32.30 +0.00/-0.25	1.50 +0.00/-0.06	31.50	CCE-03400-C-V	Circlips - External - Inverted Spring Steel: M1408-0340, Seeger AV, Ellison EXTV	
34.00 (1.339")	32.30 +0.00/-0.25	2.50 +0.00/-0.07	31.50	CCE-03400H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0340, AS34X2.5	
34.93 (1.375")	32.56 +0.00/-0.10	1.27 +/-0.05	31.93	CEB-03493-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0137, MIL-16630, Waldes 5102	
34.93 (1.375")	32.79 +/- 0.102	1.27 +/- 0.051	32.31	CCE-03493-S42-V	Circlips - External - Inverted 416 Stainless Steel: N1408-0137KSF, MIL-16626, Waldes 5108	
34.93 (1.375")	32.79 +/- 0.102	1.27 +/- 0.051	32.31	CCE-03493-C-V	Circlips - External - Inverted Spring Steel: N1408-0137, MIL-16626, Waldes 5108	
34.93 (1.375")	32.79 +/-0.102	1.27 +/-0.051	32.31	CCE-03493-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0138	
34.93 (1.375")	32.79 +/-0.102	1.27 +/-0.051	32.31	CCE-03493-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0138KSF, S73HW2-100-137	
34.93 (1.375")	32.79 +0.051/-0.102	2.36 +/-0.076	32.21	CCE-03493H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1460-0137, MIL-3217, Waldes 5160	
34.93 (1.375")	32.79 +0.051/-0.102	2.36 +/-0.076	32.21	CCE-03493H-S42	Circlips - External - Standard - Stainless Steel Carbon Spring Steel: N1460-0137KSR, MIL-3217, Waldes 5160	
34.93 (1.375")	32.79 +0.051/-0.102	2.36 +/-0.076	32.21	CCE-03493H-CZY	Circlips - External - Standard - Zinc Plated Carbon Spring Steel: N1460-0137AZD, MIL-3217, Waldes 5160	
34.93 (1.375")	32.80 +/-0.102	1.27 +/-0.051	32.30	CCE-03493-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0138AZD	
35.00 (1.378")	32.75 +0.00/-0.25	1.50 +0.00/-0.06	32.20	CCE-03500-S42	Circlips - External - Standard - Stainless Steel Stainless Steel: A35X1.5-411, D1400-0350KSF	
35.00 (1.378")	32.80 +0.00/-0.25	2.50 +0.00/-0.07	32.00	CCE-03500HA-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
35.00 (1.378")	33.00 +0.00/-0.25	1.50 +0.00/-0.06	32.20	CCE-03500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A35X1.5, D1400-0350</i>
35.00 (1.378")	33.00 +0.00/-0.25	1.50 +0.00/-0.06	32.20	CCE-03500-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: A35X1.5Z, D1400-0350AZD</i>
35.00 (1.378")	33.00 +0.00/-0.25	1.50 +0.00/-0.06	32.20	CCE-03500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0350, Seeger AV, Ellison EXTV</i>
35.00 (1.378")	33.00 +0.00/-0.25	2.50 +0.00/-0.07	32.20	CCE-03500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0350, AS35X2.5</i>
36.00 (1.417")	33.80 +0.00/-0.25	2.50 +0.00/-0.07	33.00	CCE-03600H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0360, AS36X2.5</i>
36.00 (1.417")	33.80 +0.00/-0.25	2.50 +0.00/-0.07	33.00	CCE-03600HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
36.00 (1.417")	34.00 +0.00/-0.25	1.75 +0.00/-0.06	33.20	CCE-03600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A36X1.75, D1400-0360</i>
36.00 (1.417")	34.00 +0.00/-0.25	1.75 +0.00/-0.06	33.20	CCE-03600-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A36X1.75-411, D1400-0360KSF</i>
36.53 (1.438")	34.11 +0.00/-0.10	1.27 +/-0.05	33.48	CEB-03653-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0143, MIL-16630, Waldes 5102</i>
36.53 (1.438")	34.29 +/- 0.102	1.27 +/- 0.051	33.86	CCE-03653-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0144, MIL-16626, Waldes 5108</i>
36.53 (1.438")	34.29 +/-0.102	1.27 +/-0.051	33.86	CCE-03653-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0143</i>
36.53 (1.438")	34.29 +/-0.102	1.27 +/-0.051	33.86	CCE-03653-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0143KSF, S73HW2-100-143</i>
36.53 (1.438")	34.29 +/-0.102	1.27 +/-0.051	33.90	CCE-03653-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0143AZD</i>
36.53 (1.438")	34.29 +/-0.102	1.27 +/-0.051	33.90	CCE-03653-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0143AZD</i>
37.00 (1.457")	35.00 +0.00/-0.25	1.75 +0.00/-0.06	34.20	CCE-03700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A37X1.75, D1400-0370</i>
38.00 (1.496")	35.75 +0.00/-0.25	1.75 +0.00/-0.06	34.50	CCE-03800-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A38X1.75-411, D1400-0380KSF</i>
38.00 (1.496")	35.80 +0.00/-0.25	1.75 +0.00/-0.06	34.50	CCE-03800-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0380, Seeger AV, Ellison EXTV</i>
38.00 (1.496")	36.00 +0.00/-0.25	1.75 +0.00/-0.06	35.20	CCE-03800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A38X1.75, D1400-0380</i>
38.00 (1.496")	36.00 +0.00/-0.25	2.50 +0.00/-0.07	35.20	CCE-03800H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0380, AS38X2.5</i>
38.00 (1.496")	36.00 +0.00/-0.25	2.50 +0.00/-0.07	35.00	CCE-03800HA-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel</i>
38.10 (1.500")	35.48 +0.00/-0.10	1.27 +/-0.05	34.85	CEB-03810-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0150, MIL-16630, Waldes 5102</i>
38.10 (1.500")	35.71 +/-0.102	1.27 +/-0.051	35.20	CCE-03810-B	Circlips - External - Standard - Beryllium Copper <i>Beryllium Copper: N1400-0150BC</i>
38.10 (1.500")	35.71 +/-0.102	1.27 +/-0.051	35.20	CCE-03810-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0150AZD</i>
38.10 (1.500")	35.71 +/-0.102	1.27 +/-0.051	35.20	CCE-03810-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0150AZD</i>
38.10 (1.500")	35.71 +/-0.102	1.27 +/-0.051	35.23	CCE-03810-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0150</i>
38.10 (1.500")	35.71 +/-0.102	1.27 +/-0.051	35.23	CCE-03810-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0150KSF, S73HW2-100-150</i>
38.10 (1.500")	35.71 +0.051/-0.102	2.77 +/-0.076	35.05	CCE-03810H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0150, MIL-3217, Waldes 5160</i>
38.10 (1.500")	35.71 +0.051/-0.102	2.77 +/-0.076	35.05	CCE-03810H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0150KSR, MIL-3217, Waldes 5160</i>
38.10 (1.500")	35.71 +0.051/-0.102	2.77 +/-0.076	35.05	CCE-03810H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0150AZD, MIL-3217, Waldes 5160</i>
38.10 (1.500")	37.08 +/- 0.102	1.27 +/- 0.051	35.23	CCE-03810-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0150KSF, MIL-16626, Waldes 5108</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
38.10 (1.500")	37.08 +/- 0.102	1.27 +/- 0.051	35.23	CCE-03810-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0150, MIL-16626, Waldes 5108</i>
39.00 (1.535")	36.75 +0.00/-0.25	1.75 +0.00/-0.06	35.90	CCE-03900-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A39X1.75, D1400-0390</i>
39.67 (1.562")	37.06 +0.00/-0.13	1.57 +/- 0.08	36.22	CEB-03967-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0156, MIL-16630, Waldes 5102</i>
39.67 (1.562")	37.29 +/- 0.127	1.57 +/- 0.076	36.73	CCE-03967-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0156, MIL-16626, Waldes 5108</i>
39.67 (1.562")	37.29 +/- 0.127	1.58 +/- 0.076	36.70	CCE-03967-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0156AZD</i>
39.67 (1.562")	37.29 +/- 0.127	1.58 +/- 0.076	36.73	CCE-03967-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0156</i>
39.67 (1.562")	37.29 +/- 0.127	1.58 +/- 0.076	36.73	CCE-03967-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0156KSF, S73HW2-100-156</i>
39.67 (1.562")	37.29 +0.076/-0.102	2.77 +/- 0.076	36.50	CCE-03967H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0156, MIL-3217, Waldes 5160</i>
40.00 (1.575")	37.50 +0.00/-0.25	1.75 +0.00/-0.06	36.50	CCE-04000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A40X1.75, D1400-0400</i>
40.00 (1.575")	37.50 +0.00/-0.25	1.75 +0.00/-0.06	36.50	CCE-04000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A40X1.75-411, D1400-0400KSF</i>
40.00 (1.575")	37.50 +0.00/-0.25	1.75 +0.00/-0.06	36.50	CCE-04000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0400, Seeger AV, Ellison EXTV</i>
40.00 (1.575")	37.50 +0.00/-0.25	2.50 +0.00/-0.07	36.50	CCE-04000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0400, AS40X2.5</i>
41.00 (1.614")	38.50 +0.00/-0.25	1.75 +0.00/-0.06	37.50	CCE-04100-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A41X1.75, D1400-0410</i>
41.28 (1.625")	38.51 +0.00/-0.13	1.57 +/- 0.08	37.67	CEB-04128-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0162, MIL-16630, Waldes 5102</i>
41.28 (1.625")	38.84 +/- 0.127	1.57 +/- 0.076	38.18	CCE-04128-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0162, MIL-16626, Waldes 5108</i>
41.28 (1.625")	38.84 +/- 0.127	1.57 +/- 0.076	38.18	CCE-04128-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0162</i>
41.28 (1.625")	38.84 +/- 0.127	1.57 +/- 0.076	38.18	CCE-04128-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0162KSF, S73HW2-100-162</i>
41.28 (1.625")	38.84 +/- 0.127	1.57 +/- 0.076	38.20	CCE-04128-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0162AZD</i>
42.00 (1.654")	39.25 +0.00/-0.25	1.75 +0.00/-0.06	38.50	CCE-04200-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A42X1.75-411, D1400-0420KSF</i>
42.00 (1.654")	39.50 +0.00/-0.25	1.75 +0.00/-0.06	38.50	CCE-04200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A42X1.75, D1400-0420</i>
42.00 (1.654")	39.50 +0.00/-0.25	1.75 +0.00/-0.06	38.50	CCE-04200-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0420, Seeger AV, Ellison EXTV</i>
42.00 (1.654")	39.50 +0.00/-0.25	2.50 +0.00/-0.07	38.50	CCE-04200H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0420, AS42X2.5</i>
42.86 (1.687")	39.95 +0.00/-0.13	1.57 +/- 0.08	39.12	CEB-04286-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0168, MIL-16630, Waldes 5102</i>
42.86 (1.687")	40.36 +/- 0.127	1.57 +/- 0.076	39.60	CCE-04286-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0168, A1-11/16X.069IN</i>
42.86 (1.687")	40.36 +/- 0.127	1.57 +/- 0.076	39.60	CCE-04286-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0168KSF</i>
42.86 (1.687")	40.36 +/- 0.127	1.57 +/- 0.076	39.60	CCE-04286-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0168AZD</i>
44.00 (1.732")	41.50 +0.00/-0.25	1.75 +0.00/-0.06	40.50	CCE-04400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A44X1.75, D1400-0440</i>
44.00 (1.732")	41.50 +0.00/-0.25	2.50 +0.00/-0.07	40.50	CCE-04400H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0440, AS44X2.5</i>
44.45 (1.750")	41.43 +0.00/-0.13	1.57 +/- 0.08	40.59	CEB-04445-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0175, MIL-16630, Waldes 5102</i>
44.45 (1.750")	41.90 +/- 0.127	1.57 +/- 0.076	41.10	CCE-04445-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0175KSF</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
44.45 (1.750")	41.90 +/-0.127	1.57 +/-0.076	41.10	CCE-04445-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0175AZD</i>
44.45 (1.750")	41.91 +/-0.127	1.57 +/-0.076	41.10	CCE-04445-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0175</i>
44.45 (1.750")	41.91 +/- 0.127	1.57 +/- 0.076	41.58	CCE-04445-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0175, MIL-16626, Waldes 5108</i>
44.45 (1.750")	41.91 +/- 0.127	1.57 +/- 0.076	41.58	CCE-04445-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0175KSF, MIL-16626, Waldes 5108</i>
44.45 (1.750")	41.91 +0.076/-0.102	2.77 +/-0.076	40.84	CCE-04445H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0175, MIL-3217, Waldes 5160</i>
44.45 (1.750")	41.91 +0.076/-0.102	2.77 +/-0.076	40.84	CCE-04445H-S42	Circlips - External - Standard - Stainless Steel <i>Carbon Spring Steel: N1460-0175KSR, MIL-3217, Waldes 5160</i>
44.45 (1.750")	41.91 +0.076/-0.102	2.77 +/-0.076	40.84	CCE-04445H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0175AZD, MIL-3217, Waldes 5160</i>
45.00 (1.772")	42.50 +0.00/-0.25	1.75 +0.00/-0.06	41.50	CCE-04500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A45X1.75, D1400-0450</i>
45.00 (1.772")	42.50 +0.00/-0.25	1.75 +0.00/-0.06	41.50	CCE-04500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A45X1.75-411, D1400-0450KSF</i>
45.00 (1.772")	42.50 +0.00/-0.25	1.75 +0.00/-0.06	41.50	CCE-04500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0450, Seeger AV, Ellison EXTV</i>
45.00 (1.772")	42.50 +0.00/-0.25	2.50 +0.00/-0.07	41.50	CCE-04500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0450, AS45X2.5</i>
45.01 (1.772")	41.91 +0.00/-0.13	1.57 +/-0.08	41.07	CEB-04501-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0177, MIL-16630, Waldes 5102</i>
45.01 (1.772")	42.39 +/-0.127	1.57 +/-0.076	41.58	CCE-04501-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0177</i>
45.01 (1.772")	42.40 +/-0.127	1.57 +/-0.076	41.60	CCE-04501-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0177KSF</i>
45.01 (1.772")	42.40 +/-0.127	1.57 +/-0.076	41.60	CCE-04501-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0177AZD</i>
46.00 (1.811")	43.50 +0.00/-0.25	1.75 +0.00/-0.06	42.50	CCE-04600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A46X1.75, D1400-0460</i>
46.04 (1.813")	42.88 +0.00/-0.13	1.57 +/-0.08	42.04	CEB-04604-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0181, MIL-16630, Waldes 5102</i>
46.04 (1.813")	43.38 +/- 0.127	1.57 +/- 0.076	42.55	CCE-04604-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0181KSF, MIL-16626, Waldes 5108</i>
46.04 (1.813")	43.40 +/-0.127	1.57 +/-0.076	42.60	CCE-04604-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0181</i>
46.04 (1.813")	43.40 +/-0.127	1.57 +/-0.076	42.60	CCE-04604-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0181KSF</i>
46.04 (1.813")	43.40 +/-0.127	1.57 +/-0.076	42.60	CCE-04604-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0181AZD</i>
47.00 (1.850")	44.45 +0.00/-0.25	1.75 +0.00/-0.06	43.50	CCE-04700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A47X1.75, D1400-0470</i>
47.00 (1.850")	44.50 +0.00/-0.25	1.75 +0.00/-0.06	43.50	CCE-04700-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0470, Seeger AV, Ellison EXTV</i>
47.63 (1.875")	44.40 +0.00/-0.13	1.57 +/-0.08	43.56	CEB-04763-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0187, MIL-16630, Waldes 5102</i>
47.63 (1.875")	44.90 +/-0.127	1.57 +/-0.076	44.10	CCE-04763-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0188KSF</i>
47.63 (1.875")	44.90 +/-0.127	1.57 +/-0.076	44.10	CCE-04763-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0188AZD</i>
47.63 (1.875")	44.93 +/-0.127	1.57 +/-0.076	44.07	CCE-04763-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0187</i>
48.00 (1.890")	45.50 +0.00/-0.25	1.75 +0.00/-0.06	44.50	CCE-04800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A48X1.75, D1400-0480</i>
48.00 (1.890")	45.50 +0.00/-0.25	1.75 +0.00/-0.06	44.50	CCE-04800-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0480, Seeger AV, Ellison EXTV</i>
48.00 (1.890")	45.50 +0.00/-0.25	2.50 +0.00/-0.07	44.50	CCE-04800H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0480, AS48X2.5</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
49.23 (1.938")	46.38 +0.076/-0.102	3.18 +/-0.102	45.26	CCE-04923H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0193, MIL-3217, Waldes 5160</i>
49.99 (1.968")	47.17 +/-0.127	1.58 +/-0.076	46.20	CCE-04999-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0196</i>
50.00 (1.969")	46.75 +0.00/-0.25	2.00 +0.00/-0.06	45.80	CCE-05000-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A50X2-411, D1400-0500KSF</i>
50.00 (1.969")	46.75 +0.00/-0.25	2.00 +0.00/-0.06	45.80	CCE-05000-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: A50X2Z, D1400-0500AZD</i>
50.00 (1.969")	47.00 +0.00/-0.25	2.00 +0.00/-0.06	45.80	CCE-05000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A50X2, D1400-0500</i>
50.00 (1.969")	47.00 +0.00/-0.25	2.00 +0.00/-0.07	45.80	CCE-05000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0500, Seeger AV, Ellison EXTV</i>
50.00 (1.969")	47.00 +0.00/-0.25	3.00 +0.00/-0.08	45.60	CCE-05000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0500, AS50X3</i>
50.00 (1.969")	47.20 +/-0.127	1.57 +/-0.076	46.20	CCE-05001-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0196KSF</i>
50.01 (1.969")	46.53 +0.00/-0.13	1.57 +/-0.08	46.20	CEB-05001-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0196, MIL-16630, Waldes 5102</i>
50.01 (1.969")	47.17 +/- 0.127	1.57 +/- 0.076	46.20	CCE-05001-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0196, MIL-16626, Waldes 5108</i>
50.01 (1.969")	47.20 +/-0.127	1.57 +/-0.076	46.20	CCE-05001-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0196</i>
50.01 (1.969")	47.20 +/-0.127	1.57 +/-0.076	46.20	CCE-05001-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0196AZD</i>
50.80 (2.000")	47.32 +0.00/-0.13	1.57 +/-0.08	46.48	CEB-05080-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0200, MIL-16630, Waldes 5102</i>
50.80 (2.000")	47.75 +0.076/-0.102	3.18 +/-0.102	46.74	CCE-05080H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1460-0200, MIL-3217, Waldes 5160</i>
50.80 (2.000")	47.75 +0.076/-0.102	3.18 +/-0.102	46.74	CCE-05080H-CZY	Circlips - External - Standard - Zinc Plated <i>Carbon Spring Steel: N1460-0200AZD, MIL-3217, Waldes 5160</i>
50.80 (2.000")	47.90 +/- 0.127	1.57 +/- 0.076	46.99	CCE-05080-S42-V	Circlips - External - Inverted <i>416 Stainless Steel: N1408-0200KSF, MIL-16626, Waldes 5108</i>
50.80 (2.000")	47.90 +/- 0.127	1.57 +/- 0.076	46.99	CCE-05080-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0200, MIL-16626, Waldes 5108</i>
50.80 (2.000")	47.90 +/-0.152	1.57 +/-0.076	46.99	CCE-05080-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0200</i>
50.80 (2.000")	47.90 +/-0.152	1.57 +/-0.076	47.00	CCE-05080-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0200KSF</i>
50.80 (2.000")	47.90 +/-0.152	1.57 +/-0.076	47.00	CCE-05080-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0200AZD</i>
52.00 (2.047")	49.00 +0.00/-0.25	2.00 +0.00/-0.06	47.80	CCE-05200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A52X2, D1400-0520</i>
52.00 (2.047")	49.00 +0.00/-0.25	3.00 +0.00/-0.08	47.80	CCE-05200H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0520, AS52X3</i>
52.39 (2.063")	48.79 +0.00/-0.15	1.98 +/-0.08	47.78	CEB-05239-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0206, MIL-16630, Waldes 5102</i>
52.39 (2.063")	49.43 +/-0.152	1.98 +/-0.076	48.40	CCE-05239-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0206</i>
52.39 (2.063")	49.43 +/-0.152	1.98 +/-0.076	48.40	CCE-05239-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0206KSF</i>
52.39 (2.063")	49.43 +/-0.152	1.98 +/-0.076	48.40	CCE-05239-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0206AZD</i>
53.98 (2.125")	50.27 +0.00/-0.15	1.98 +/-0.08	49.25	CEB-05398-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0212, MIL-16630, Waldes 5102</i>
53.98 (2.125")	50.88 +/-0.152	1.98 +/-0.076	49.89	CCE-05398-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0212</i>
53.98 (2.125")	50.89 +/-0.152	1.98 +/-0.076	49.90	CCE-05398-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0213KSF</i>
53.98 (2.125")	50.89 +/-0.152	1.98 +/-0.076	49.90	CCE-05398-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0213AZD</i>

Stocked or Short Delivery


Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
54.00 (2.126")	51.00 +0.00/-0.25	2.00 +0.00/-0.06	49.80	CCE-05400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A54X2, D1400-0540</i>	
54.77 (2.156")	50.88 +/- 0.152	1.98 +/- 0.076	50.62	CCE-05477-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0215, MIL-16626, Waldes 5108</i>	
54.77 (2.156")	51.00 +0.00/-0.15	1.98 +/-0.08	49.99	CEB-05477-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0215, MIL-16630, Waldes 5102</i>	
54.77 (2.156")	51.61 +/-0.152	1.98 +/-0.076	50.60	CCE-05477-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0215</i>	
54.77 (2.156")	51.61 +/-0.152	1.98 +/-0.076	50.60	CCE-05477-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0215KSF</i>	
54.77 (2.156")	51.61 +/-0.152	1.98 +/-0.076	50.60	CCE-05477-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0215AZD</i>	
55.00 (2.165")	51.75 +0.00/-0.25	2.00 +0.00/-0.06	50.80	CCE-05500-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A55X2-411, D1400-0550KSF</i>	
55.00 (2.165")	52.00 +0.00/-0.25	2.00 +0.00/-0.06	50.80	CCE-05500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A55X2, D1400-0550</i>	
55.00 (2.165")	52.00 +0.00/-0.30	2.00 +0.00/-0.07	50.80	CCE-05500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0550, Seeger AV, Ellison EXTV</i>	
55.00 (2.165")	52.00 +0.00/-0.30	3.00 +0.00/-0.08	50.80	CCE-05500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0550, AS55X3</i>	
56.00 (2.205")	53.00 +0.00/-0.30	2.00 +0.00/-0.07	51.80	CCE-05600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A56X2, D1400-0560</i>	
57.00 (2.244")	54.00 +0.00/-0.30	2.00 +0.00/-0.07	52.80	CCE-05700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A57X2, D1400-0570</i>	
57.15 (2.250")	53.18 +0.00/-0.15	1.98 +/-0.08	52.22	CEB-05715-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0225, MIL-16630, Waldes 5102</i>	
57.15 (2.250")	53.85 +/-0.152	1.98 +/-0.076	52.86	CCE-05715-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0225</i>	
57.15 (2.250")	53.90 +/-0.152	1.98 +/-0.076	52.90	CCE-05715-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0225KSF</i>	
57.15 (2.250")	53.90 +/-0.152	1.98 +/-0.076	52.90	CCE-05715-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0225AZD</i>	
58.00 (2.283")	55.00 +0.00/-0.30	2.00 +0.00/-0.07	53.80	CCE-05800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A58X2, D1400-0580</i>	
58.00 (2.283")	55.00 +0.00/-0.30	2.00 +0.00/-0.07	53.80	CCE-05800-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0580, Seeger AV, Ellison EXTV</i>	
58.00 (2.283")	55.00 +0.00/-0.30	3.00 +0.00/-0.08	53.80	CCE-05800H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0580, AS58X3</i>	
58.74 (2.313")	54.71 +0.00/-0.15	1.98 +/-0.08	53.70	CEB-05874-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0231, MIL-16630, Waldes 5102</i>	
58.74 (2.313")	55.30 +/-0.152	1.98 +/-0.076	54.30	CCE-05874-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0231KSF</i>	
58.74 (2.313")	55.30 +/-0.152	1.98 +/-0.076	54.30	CCE-05874-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0231AZD</i>	
58.74 (2.313")	55.32 +/-0.152	1.98 +/-0.076	54.33	CCE-05874-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0231</i>	
60.00 (2.362")	56.70 +0.00/-0.30	2.00 +0.00/-0.07	55.80	CCE-06000-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A60X2-411, D1400-0600KSF</i>	
60.00 (2.362")	57.00 +0.00/-0.30	2.00 +0.00/-0.07	55.80	CCE-06000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A60X2, D1400-0600</i>	
60.00 (2.362")	57.00 +0.00/-0.30	2.00 +0.00/-0.07	55.80	CCE-06000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0600, Seeger AV, Ellison EXTV</i>	
60.00 (2.362")	57.00 +0.00/-0.30	3.00 +0.00/-0.08	55.80	CCE-06000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0600, AS60X3</i>	
60.33 (2.375")	56.18 +0.00/-0.15	1.98 +/-0.08	55.17	CEB-06033-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0237, MIL-16630, Waldes 5102</i>	
60.33 (2.375")	56.87 +/-0.152	1.98 +/-0.076	55.80	CCE-06033-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0237</i>	
60.33 (2.375")	56.90 +/-0.152	1.98 +/-0.076	55.80	CCE-06033-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0237KSF</i>	

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
60.33 (2.375")	56.90 +/-0.152	1.98 +/-0.076	55.80	CCE-06033-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0237AZD</i>	
61.91 (2.437")	57.66 +0.00/-0.15	1.98 +/-0.08	56.64	CEB-06191-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0243, MIL-16630, Waldes 5102</i>	
61.91 (2.437")	58.39 +/-0.152	1.98 +/-0.076	57.28	CCE-06191-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0243</i>	
61.91 (2.437")	58.39 +/-0.152	1.98 +/-0.076	57.30	CCE-06191-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0243</i>	
61.91 (2.437")	58.39 +/-0.152	1.98 +/-0.076	57.30	CCE-06191-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0243AZD</i>	
62.00 (2.441")	58.70 +0.00/-0.30	2.00 +0.00/-0.07	57.80	CCE-06200-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A62X2-411, D1400-0620KSF</i>	
62.00 (2.441")	59.00 +0.00/-0.30	2.00 +0.00/-0.07	57.80	CCE-06200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A62X2, D1400-0620</i>	
63.00 (2.480")	60.00 +0.00/-0.30	2.00 +0.00/-0.07	58.80	CCE-06300-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A63X2, D1400-0630</i>	
63.50 (2.500")	59.13 +0.00/-0.15	1.98 +/-0.08	58.12	CEB-06350-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0250, MIL-16630, Waldes 5102</i>	
63.50 (2.500")	59.94 +/-0.152	1.98 +/-0.076	58.75	CCE-06350-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0250, MIL-16626, Waldes 5108</i>	
63.50 (2.500")	59.94 +/-0.152	1.98 +/-0.076	58.75	CCE-06350-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0250</i>	
63.50 (2.500")	59.94 +/-0.152	1.98 +/-0.076	58.80	CCE-06350-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0250KSF</i>	
63.50 (2.500")	59.94 +/-0.152	1.98 +/-0.076	58.80	CCE-06350-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0250AZD</i>	
64.00 (2.520")	61.00 +0.00/-0.30	2.00 +0.00/-0.07	58.90	CCE-06400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A64X2, D1400-0640</i>	
64.99 (2.559")	61.44 +/-0.152	1.98 +/-0.076	60.38	CCE-06499-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0255</i>	
64.99 (2.559")	61.44 +/-0.152	1.98 +/-0.076	60.40	CCE-06499-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0255KSF</i>	
64.99 (2.559")	61.44 +/-0.152	1.98 +/-0.076	60.40	CCE-06499-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0255AZD</i>	
65.00 (2.559")	60.88 +0.00/-0.15	1.98 +/-0.08	59.61	CEB-06500-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0255, MIL-16630, Waldes 5102</i>	
65.00 (2.559")	61.70 +0.00/-0.30	2.50 +0.00/-0.07	60.80	CCE-06500-S42	Circlips - External - Standard - Stainless Steel <i>Stainless Steel: A65X2.5-411, D1400-0650KSF</i>	
65.00 (2.559")	62.00 +0.00/-0.30	2.50 +0.00/-0.07	60.80	CCE-06500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A65X2.5, D1400-0650</i>	
65.00 (2.559")	62.00 +0.00/-0.30	2.50 +0.00/-0.07	60.80	CCE-06500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0650, Seeger AV, Ellison EXTV</i>	
65.00 (2.559")	62.00 +0.00/-0.30	4.00 +0.00/-0.10	60.80	CCE-06500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0650, AS65X4</i>	
66.68 (2.625")	62.18 +0.00/-0.15	1.98 +/-0.08	60.91	CEB-06668-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0262, MIL-16630, Waldes 5102</i>	
66.68 (2.625")	63.00 +/-0.152	1.98 +/-0.076	61.70	CCE-06668-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0262KSF</i>	
66.68 (2.625")	63.00 +/-0.152	1.98 +/-0.076	61.70	CCE-06668-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0262AZD</i>	
66.68 (2.625")	63.00 +/-0.152	1.98 +/-0.076	61.70	CCE-06668-CZ	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Carbon Spring Steel: N1400-0262AZD</i>	
66.68 (2.625")	63.02 +/-0.152	1.98 +/-0.076	61.67	CCE-06668-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0262</i>	
67.00 (2.638")	63.71 +0.00/-0.30	2.50 +0.00/-0.07	62.60	CCE-06700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A67X2.5, D1400-0670</i>	
68.00 (2.677")	65.00 +0.00/-0.30	2.50 +0.00/-0.07	63.50	CCE-06800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A68X2.5, D1400-0680</i>	
68.26 (2.687")	63.63 +0.00/-0.15	1.98 +/-0.08	62.36	CEB-06826-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0268, MIL-16630, Waldes 5102</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
68.26 (2.687")	89.90 +/-0.152	1.98 +/-0.076	63.10	CCE-06826-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0268</i>	
68.26 (2.687")	89.90 +/-0.152	1.98 +/-0.076	63.10	CCE-06826-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0268KSF</i>	
68.26 (2.687")	89.90 +/-0.152	1.98 +/-0.076	63.10	CCE-06826-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0268AZD</i>	
69.85 (2.750")	65.10 +0.00/-0.15	2.36 +/-0.08	63.83	CEB-06985-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0275, MIL-16630, Waldes 5102</i>	
69.85 (2.750")	66.09 +/- 0.152	1.98 +/- 0.076	64.59	CCE-06985-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0275, MIL-16626, Waldes 5108</i>	
69.85 (2.750")	66.09 +/-0.152	2.36 +/-0.076	64.59	CCE-06985-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0275</i>	
69.85 (2.750")	66.10 +/-0.152	2.36 +/-0.076	64.60	CCE-06985-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0275KSF</i>	
69.85 (2.750")	66.10 +/-0.152	2.36 +/-0.076	64.60	CCE-06985-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0275AZD</i>	
70.00 (2.756")	67.00 +0.00/-0.30	2.50 +0.00/-0.07	65.50	CCE-07000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A70X2.5, D1400-0700</i>	
70.00 (2.756")	67.00 +0.00/-0.30	2.50 +0.00/-0.07	65.50	CCE-07000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless: A70X2.5-411, D1400-0700KSF</i>	
70.00 (2.756")	67.00 +0.00/-0.30	2.50 +0.00/-0.07	65.50	CCE-07000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0700, Seeger AV, Ellison EXTV</i>	
70.00 (2.756")	67.00 +0.00/-0.30	4.00 +0.00/-0.10	65.50	CCE-07000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0700, AS70X4</i>	
72.00 (2.835")	69.00 +0.00/-0.30	2.50 +0.00/-0.07	67.50	CCE-07200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A72X2.5, D1400-0720</i>	
72.00 (2.835")	69.00 +0.00/-0.30	2.50 +0.00/-0.07	67.50	CCE-07200-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0720, Seeger AV, Ellison EXTV</i>	
73.03 (2.875")	68.05 +0.00/-0.15	2.36 +/-0.08	66.78	CEB-07303-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0287, MIL-16630, Waldes 5102</i>	
73.03 (2.875")	69.11 +/- 0.152	1.98 +/- 0.076	67.54	CCE-07303-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0287, MIL-16626, Waldes 5108</i>	
73.03 (2.875")	69.11 +/-0.152	2.36 +/-0.076	67.50	CCE-07303-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0287KSF</i>	
73.03 (2.875")	69.11 +/-0.152	2.36 +/-0.076	67.50	CCE-07303-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0287AZD</i>	
73.03 (2.875")	69.11 +/-0.152	2.36 +/-0.076	67.54	CCE-07303-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0287</i>	
74.61 (2.937")	70.59 +/-0.152	2.36 +/-0.076	69.00	CCE-07461-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0293</i>	
74.61 (2.937")	70.59 +/-0.152	2.36 +/-0.076	69.00	CCE-07461-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0293KSF</i>	
74.61 (2.937")	70.59 +/-0.152	2.36 +/-0.076	69.00	CCE-07461-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0293AZD</i>	
74.61 (2.937")	71.04 +0.00/-0.15	2.36 +/-0.08	68.25	CEB-07461-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0293, MIL-16630, Waldes 5102</i>	
75.00 (2.953")	72.00 +0.00/-0.30	2.50 +0.00/-0.07	70.50	CCE-07500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A75X2.5, MD0471MQB075, D1400-0750</i>	
75.00 (2.953")	72.00 +0.00/-0.30	2.50 +0.00/-0.07	70.50	CCE-07500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A75-411, D1400-0750KSF</i>	
75.00 (2.953")	72.00 +0.00/-0.30	2.50 +0.00/-0.07	70.50	CCE-07500-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0750, Seeger AV, Ellison EXTV</i>	
75.00 (2.953")	72.00 +0.00/-0.30	4.00 +0.00/-0.10	70.50	CCE-07500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0750, AS75X4</i>	
76.20 (3.000")	70.99 +0.00/-0.15	2.36 +/-0.08	69.72	CEB-07620-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0300, MIL-16630, Waldes 5102</i>	
76.20 (3.000")	72.09 +/-0.152	2.36 +/-0.076	70.49	CCE-07620-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0300</i>	
76.20 (3.000")	72.09 +/-0.152	2.36 +/-0.076	70.50	CCE-07620-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0300KSF</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
76.20 (3.000")	72.09 +/-0.152	2.36 +/-0.076	70.50	CCE-07620-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0300AZD</i>	
77.00 (3.031")	73.71 +0.00/-0.30	2.50 +0.00/-0.07	70.90	CCE-07700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A77X2.5, D1400-0770</i>	
77.79 (3.063")	72.44 +0.00/-0.15	2.36 +/-0.08	71.17	CEB-07779-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0306, MIL-16630, Waldes 5102</i>	
77.79 (3.063")	73.61 +/-0.152	2.36 +/-0.076	73.00	CCE-07779-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0306</i>	
77.79 (3.063")	73.61 +/-0.152	2.36 +/-0.076	73.00	CCE-07779-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0306KSF</i>	
77.79 (3.063")	73.61 +/-0.152	2.36 +/-0.076	73.00	CCE-07779-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0306AZD</i>	
78.00 (3.071")	74.78 +0.00/-0.30	2.50 +0.00/-0.07	72.40	CCE-07800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A78X2.5, D1400-0780</i>	
79.38 (3.125")	73.96 +0.00/-0.15	2.36 +/-0.08	72.69	CEB-07938-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0312, MIL-16630, Waldes 5102</i>	
79.38 (3.125")	75.11 +/-0.152	2.36 +/-0.076	73.46	CCE-07938-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0312</i>	
79.38 (3.125")	75.11 +/-0.152	2.36 +/-0.076	73.50	CCE-07938-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0312KSF</i>	
79.38 (3.125")	75.11 +/-0.152	2.36 +/-0.076	73.50	CCE-07938-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0312AZD</i>	
80.00 (3.150")	76.50 +0.00/-0.30	2.50 +0.00/-0.07	74.50	CCE-08000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A80X2.5, D1400-0800</i>	
80.00 (3.150")	76.50 +0.00/-0.30	2.50 +0.00/-0.07	74.50	CCE-08000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0800, Seeger AV, Ellison EXTV</i>	
80.00 (3.150")	76.50 +0.00/-0.30	4.00 +0.00/-0.10	74.50	CCE-08000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0800, AS80X4</i>	
80.17 (3.156")	74.68 +0.00/-0.15	2.36 +/-0.08	73.41	CEB-08017-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0315, MIL-16630, Waldes 5102</i>	
80.17 (3.156")	75.84 +/- 0.152	1.98 +/- 0.076	74.17	CCE-08017-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0315, MIL-16626, Waldes 5108</i>	
80.17 (3.156")	75.84 +/-0.152	2.36 +/-0.076	74.20	CCE-08017-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0315</i>	
80.17 (3.156")	75.84 +/-0.152	2.36 +/-0.076	74.20	CCE-08017-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0315KSF</i>	
80.17 (3.156")	75.84 +/-0.152	2.36 +/-0.076	74.20	CCE-08017-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0315AZD</i>	
82.00 (3.228")	78.50 +0.00/-0.30	2.50 +0.00/-0.07	76.50	CCE-08200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A82X2.5, D1400-0820</i>	
82.00 (3.228")	78.50 +0.00/-0.35	2.50 +0.00/-0.07	76.50	CCE-08200-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-0820, Seeger AV, Ellison EXTV</i>	
82.55 (3.250")	76.86 +0.00/-0.15	2.36 +/-0.08	75.59	CEB-08255-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0325, MIL-16630, Waldes 5102</i>	
82.55 (3.250")	78.10 +/-0.152	2.36 +/-0.076	76.40	CCE-08255-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0325KSF</i>	
82.55 (3.250")	78.10 +/-0.152	2.36 +/-0.076	76.40	CCE-08255-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0325AZD</i>	
82.55 (3.250")	78.13 +/- 0.152	1.98 +/- 0.076	76.35	CCE-08255-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0325, MIL-16626, Waldes 5108</i>	
82.55 (3.250")	78.13 +/-0.152	2.36 +/-0.076	76.35	CCE-08255-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0325</i>	
84.99 (3.346")	79.04 +0.00/-0.15	2.36 +/-0.08	77.77	CEB-08499-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0334, MIL-16630, Waldes 5102</i>	
84.99 (3.346")	80.42 +/-0.152	2.36 +/-0.076	78.50	CCE-08499-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0334KSF</i>	
84.99 (3.346")	80.42 +/-0.152	2.36 +/-0.076	78.50	CCE-08499-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0334AZD</i>	
84.99 (3.346")	80.42 +/-0.152	2.36 +/-0.076	78.54	CCE-08499-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0334</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
85.00 (3.346")	81.50 +0.00/-0.35	3.00 +0.00/-0.08	79.50	CCE-08500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A85X3, D1400-0850	
85.00 (3.346")	81.50 +0.00/-0.35	3.00 +0.00/-0.08	79.50	CCE-08500-C-V	Circlips - External - Inverted Spring Steel: M1408-0850, Seeger AV, Ellison EXTV	
85.00 (3.346")	81.50 +0.00/-0.35	4.00 +0.00/-0.10	79.50	CCE-08500H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0850, AS85X4	
87.00 (3.425")	83.15 +0.00/-0.35	3.00 +0.00/-0.08	81.50	CCE-08700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A87X3, D1400-0870	
87.00 (3.425")	83.50 +0.00/-0.35	3.00 +0.00/-0.08	81.50	CCE-08700-C-V	Circlips - External - Inverted Spring Steel: M1408-0870, Seeger AV, Ellison EXTV	
87.31 (3.437")	81.25 +0.00/-0.15	2.77 +/-0.08	79.98	CEB-08731-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0343, MIL-16630, Waldes 5102	
87.31 (3.437")	82.73 +/-0.152	2.36 +/-0.076	80.75	CCE-08731-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0343	
87.31 (3.437")	82.73 +/-0.152	2.36 +/-0.076	80.80	CCE-08731-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0343KSF	
87.31 (3.437")	82.73 +/-0.152	2.36 +/-0.076	80.80	CCE-08731-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0343AZD	
88.00 (3.465")	84.45 +0.00/-0.35	3.00 +0.00/-0.08	82.50	CCE-08800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A88X3, D1400-0880	
88.90 (3.500")	82.73 +0.00/-0.15	2.77 +/-0.08	81.46	CEB-08890-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0350, MIL-16630, Waldes 5102	
88.90 (3.500")	84.23 +/-0.152	2.77 +/-0.076	82.20	CCE-08890-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0350KSF	
88.90 (3.500")	84.23 +/-0.152	2.77 +/-0.076	82.20	CCE-08890-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0350AZD	
88.90 (3.500")	84.23 +/-0.152	2.77 +/-0.076	82.22	CCE-08890-C-V	Circlips - External - Inverted Spring Steel: N1408-0350, MIL-16626, Waldes 5108	
88.90 (3.500")	84.23 +/-0.152	2.77 +/-0.076	82.22	CCE-08890-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0350	
89.99 (3.543")	83.71 +0.00/-0.15	2.77 +/-0.08	82.47	CEB-08999-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0354, MIL-16630, Waldes 5102	
89.99 (3.543")	85.27 +/-0.152	2.77 +/-0.076	83.20	CCE-08999-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0354KSF	
89.99 (3.543")	85.27 +/-0.152	2.77 +/-0.076	83.20	CCE-08999-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0354AZD	
89.99 (3.543")	85.27 +/-0.152	2.77 +/-0.076	83.24	CCE-08999-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0354	
90.00 (3.543")	86.50 +0.00/-0.35	3.00 +0.00/-0.08	84.50	CCE-09000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A90X3, MD0471MQB090, D1400-0900	
90.00 (3.543")	86.50 +0.00/-0.35	3.00 +0.00/-0.08	84.50	CCE-09000-C-V	Circlips - External - Inverted Spring Steel: M1408-0900, Seeger AV, Ellison EXTV	
90.00 (3.543")	86.50 +0.00/-0.35	4.00 +0.00/-0.10	84.50	CCE-09000H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-0900, AS90X4	
92.00 (3.622")	88.15 +0.00/-0.35	3.00 +0.00/-0.08	84.20	CCE-09200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A92X3, D1400-0920	
92.08 (3.625")	85.65 +0.00/-0.15	2.77 +/-0.08	84.38	CEB-09208-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0362, MIL-16630, Waldes 5102	
92.08 (3.625")	87.25 +/-0.152	2.77 +/-0.076	85.10	CCE-09208-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0363KSF	
92.08 (3.625")	87.25 +/-0.152	2.77 +/-0.076	85.10	CCE-09208-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0363AZD	
92.08 (3.625")	87.25 +/-0.152	2.77 +/-0.076	85.14	CCE-09208-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0362	
93.68 (3.688")	87.12 +0.00/-0.15	2.77 +/-0.08	85.85	CEB-09368-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0368, MIL-16630, Waldes 5102	
93.68 (3.688")	88.72 +/-0.152	2.77 +/-0.076	86.60	CCE-09366-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0368	
93.68 (3.688")	88.72 +/-0.152	2.77 +/-0.076	86.60	CCE-09366-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0368KSF	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
93.68 (3.688")	88.72 +/-0.152	2.77 +/-0.076	86.60	CCE-09366-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0368AZD</i>
93.68 (3.688")	88.72 +/-0.152	2.77 +/-0.076	86.61	CCE-09368-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0368</i>
95.00 (3.740")	91.50 +0.00/-0.35	3.00 +0.00/-0.08	89.50	CCE-09500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A95X3, D1400-0950</i>
95.00 (3.740")	91.50 +0.00/-0.35	3.00 +0.00/-0.08	89.50	CCE-09500-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A95X3SS, D1400-0950-KSF</i>
95.00 (3.740")	91.50 +0.00/-0.35	4.00 +0.00/-0.10	89.50	CCE-09500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-0950, AS95X4</i>
95.25 (3.750")	88.60 +0.00/-0.15	2.77 +/-0.08	87.33	CEB-09525-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0375, MIL-16630, Waldes 5102</i>
95.25 (3.750")	90.25 +/-0.152	2.77 +/-0.076	88.09	CCE-09525-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0375</i>
95.25 (3.750")	90.25 +/-0.152	2.77 +/-0.076	88.10	CCE-09525-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0375KSF</i>
95.25 (3.750")	90.25 +/-0.152	2.77 +/-0.076	88.10	CCE-09525-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0375AZD</i>
97.00 (3.819")	93.15 +0.00/-0.35	3.00 +0.00/-0.08	90.20	CCE-09700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A97X3, D1400-0970</i>
98.00 (3.858")	94.15 +0.00/-0.35	3.00 +0.00/-0.08	91.20	CCE-09800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A98X3, D1400-0980</i>
98.43 (3.875")	91.54 +0.00/-0.15	2.77 +/-0.08	89.15	CEB-09843-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0387, MIL-16630, Waldes 5102</i>
98.43 (3.875")	93.19 +/-0.152	2.77 +/-0.076	91.03	CCE-09843-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0387</i>
98.43 (3.875")	93.30 +/-0.152	2.77 +/-0.076	91.00	CCE-09843-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0387KSF</i>
98.43 (3.875")	93.30 +/-0.152	2.77 +/-0.076	91.00	CCE-09843-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0387AZD</i>
100.00 (3.937")	96.50 +0.00/-0.35	3.00 +0.00/-0.08	94.50	CCE-10000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A100X3, D1400-1000</i>
100.00 (3.937")	96.50 +0.00/-0.35	3.00 +0.00/-0.08	94.50	CCE-10000-C-V	Circlips - External - Inverted <i>Spring Steel: M1408-1000, Seeger AV, Ellison EXTV</i>
100.00 (3.937")	96.50 +0.00/-0.35	4.00 +0.00/-0.10	94.50	CCE-10000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1000, AS100X4</i>
100.01 (3.937")	93.00 +0.00/-0.15	2.77 +/-0.08	91.74	CEB-10001-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0393, MIL-16630, Waldes 5102</i>
100.01 (3.937")	94.78 +/-0.152	2.77 +/-0.076	92.50	CCE-10001-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0393KSF</i>
100.01 (3.937")	94.78 +/-0.152	2.77 +/-0.076	92.50	CCE-10001-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0393AZD</i>
100.01 (3.937")	94.78 +/-0.152	2.77 +/-0.076	92.51	CCE-10001-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0393</i>
100.01 (3.937")	94.84 +/- 0.152	2.77 +/- 0.076	92.51	CCE-10001-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0393, MIL-16626, Waldes 5108</i>
101.60 (4.000")	94.49 +0.00/-0.15	2.77 +/-0.08	93.22	CEB-10160-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0400, MIL-16630, Waldes 5102</i>
101.60 (4.000")	96.32 +/-0.152	2.77 +/-0.076	93.98	CCE-10160-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0400</i>
101.60 (4.000")	96.32 +/-0.152	2.77 +/-0.076	94.00	CCE-10160-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0400KSF</i>
101.60 (4.000")	96.32 +/-0.152	2.77 +/-0.076	94.00	CCE-10160-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0400AZD</i>
101.60 (4.000")	96.32 +/- 0.152	2.77 +/- 0.076	93.98	CCE-10160-C-V	Circlips - External - Inverted <i>Spring Steel: N1408-0400, MIL-16626, Waldes 5108</i>
102.00 (4.016")	98.00 +0.00/-0.54	4.00 +0.00/-0.10	96.20	CCE-10200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A102X4, D1400-1020</i>
104.78 (4.125")	99.60 +/-0.152	2.77 +/-0.076	96.50	CCE-10478-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0412</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External					
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description
105.00 (4.134")	101.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	98.00	CCE-10500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A105X4, D1400-1050</i>
105.00 (4.134")	101.00 <i>+0.00/-0.54</i>	5.00 <i>+0.00/-0.12</i>	98.00	CCE-10500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1050, AS105X5</i>
107.00 (4.213")	102.46 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	100.00	CCE-10700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A107X4, D1400-1070</i>
107.95 (4.250")	101.83 <i>+0.00/-0.15</i>	2.77 <i>+/-0.08</i>	100.56	CEB-10795-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0425, MIL-16630, Waldes 5102</i>
107.95 (4.250")	103.19 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	101.32	CCE-10795-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0425</i>
107.95 (4.250")	103.30 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	101.30	CCE-10795-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0425KSF</i>
107.95 (4.250")	103.30 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	101.30	CCE-10795-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0425AZD</i>
108.00 (4.252")	103.46 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	101.00	CCE-10800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A108X4, D1400-1080</i>
110.00 (4.331")	106.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	103.00	CCE-11000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A110X4, D1400-1100</i>
110.00 (4.331")	106.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	103.00	CCE-11000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A110X4-411, D1400-1100KSF</i>
110.00 (4.331")	106.00 <i>+0.00/-0.54</i>	5.00 <i>+0.00/-0.12</i>	102.80	CCE-11000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1100, AS110X5</i>
111.00 (4.370")	107.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	103.00	CCE-11100-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A111X4-411, D1400-1110KSF</i>
111.00 (4.370")	107.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	103.00	CCE-11100-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A111X4, D1400-1110</i>
111.13 (4.375")	104.78 <i>+0.00/-0.15</i>	2.77 <i>+/-0.08</i>	103.53	CEB-11113-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0437, MIL-16630, Waldes 5102</i>
111.13 (4.375")	106.40 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	104.30	CCE-11113-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0437</i>
111.13 (4.375")	106.40 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	104.30	CCE-11113-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0437KSF</i>
111.13 (4.375")	106.40 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	104.30	CCE-11113-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0437AZD</i>
112.00 (4.409")	108.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	105.00	CCE-11200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A112X4, D1400-1120</i>
114.30 (4.500")	107.77 <i>+0.00/-0.15</i>	2.77 <i>+/-0.08</i>	106.50	CEB-11430-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0450, MIL-16630, Waldes 5102</i>
114.30 (4.500")	109.50 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	107.30	CCE-11430-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0450</i>
114.30 (4.500")	109.50 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	107.30	CCE-11430-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0450KSF</i>
114.30 (4.500")	109.50 <i>+/-0.152</i>	2.77 <i>+/-0.076</i>	107.30	CCE-11430-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0450AZD</i>
115.00 (4.528")	111.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	108.00	CCE-11500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A115X4, D1400-1150</i>
115.00 (4.528")	111.00 <i>+0.00/-0.54</i>	5.00 <i>+0.00/-0.12</i>	108.00	CCE-11500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1150, AS115X5</i>
117.00 (4.606")	113.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	110.00	CCE-11700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A117X4, D1400-1170</i>
118.00 (4.646")	114.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	110.00	CCE-11800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A118X4, D1400-1180</i>
120.00 (4.724")	116.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	113.00	CCE-12000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A120X4, D1400-1200</i>
120.00 (4.724")	116.00 <i>+0.00/-0.54</i>	4.00 <i>+0.00/-0.10</i>	113.00	CCE-12000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: A120X4-411, D1400-1200KSF</i>
120.00 (4.724")	116.00 <i>+0.00/-0.54</i>	5.00 <i>+0.00/-0.12</i>	113.00	CCE-12000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1200, AS120X5, MD0471MQB120</i>
120.65 (4.750")	113.71 <i>+0.00/-0.15</i>	2.77 <i>+/-0.08</i>	112.47	CEB-12065-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0475, MIL-16630, Waldes 5102</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
120.65 (4.750")	115.57 +/-0.152	2.77 +/-0.076	113.20	CCE-12065-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0475KSF	
120.65 (4.750")	115.57 +/-0.152	2.77 +/-0.076	113.20	CCE-12065-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0475AZD	
120.65 (4.750")	115.57 +/-0.152	2.77 +/-0.076	113.23	CCE-12065-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0475	
122.00 (4.803")	118.00 +0.00/-0.54	4.00 +0.00/-0.10	115.00	CCE-12200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A122X4, D1400-1220	
125.00 (4.921")	121.00 +0.00/-0.63	4.00 +0.00/-0.10	118.00	CCE-12500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A125X4, D1400-1250	
125.00 (4.921")	121.00 +0.00/-0.63	5.00 +0.00/-0.12	118.00	CCE-12500H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-1250, AS125X5	
127.00 (5.000")	119.68 +0.00/-0.15	2.77 +/-0.08	118.41	CEB-12700-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0500, MIL-16630, Waldes 5102	
127.00 (5.000")	121.70 +/-0.152	2.77 +/-0.076	119.20	CCE-12700N-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0500	
127.00 (5.000")	121.70 +/-0.152	2.77 +/-0.076	119.20	CCE-12700N-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0500KSF	
127.00 (5.000")	121.70 +/-0.152	2.77 +/-0.076	119.20	CCE-12700N-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0500AZD	
127.00 (5.000")	122.37 +0.00/-0.63	4.00 +0.00/-0.10	120.54	CCE-12700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A127X4, D1400-1270	
128.00 (5.039")	123.37 +0.00/-0.63	4.00 +0.00/-0.10	121.54	CCE-12800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A128X4, D1400-1280	
130.00 (5.118")	126.00 +0.00/-0.63	4.00 +0.00/-0.10	123.00	CCE-13000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A130X4, D1400-1300	
130.00 (5.118")	126.00 +0.00/-0.63	5.00 +0.00/-0.12	123.00	CCE-13000H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-1300, AS130X5	
132.00 (5.197")	128.00 +0.00/-0.63	4.00 +0.00/-0.10	125.00	CCE-13200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A132X4, D1400-1320	
133.35 (5.250")	125.65 +0.00/-0.18	3.18 +/-0.10	124.13	CEB-13335-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0525, MIL-16630, Waldes 5102	
133.35 (5.250")	127.76 +/-0.176	3.18 +/-0.102	125.15	CCE-13335-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0525	
133.35 (5.250")	127.76 +/-0.176	3.18 +/-0.102	125.20	CCE-13335-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0525KSF	
133.35 (5.250")	127.76 +/-0.176	3.18 +/-0.102	125.20	CCE-13335-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0525AZD	
135.00 (5.315")	130.37 +0.00/-0.63	4.00 +0.00/-0.10	128.63	CCE-13500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A135X4, D1400-1350	
135.00 (5.315")	131.00 +0.00/-0.63	5.00 +0.00/-0.12	128.00	CCE-13500H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-1350, AS135X5	
137.00 (5.394")	133.00 +0.00/-0.63	4.00 +0.00/-0.10	130.00	CCE-13700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A137X4, D1400-1370	
138.00 (5.433")	134.00 +0.00/-0.63	4.00 +0.00/-0.10	130.00	CCE-13800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A138X4, D1400-1380	
139.70 (5.500")	131.62 +0.00/-0.18	3.18 +/-0.10	130.10	CEB-13970-C	Circlips - External - Bevelled Carbon Spring Steel: N1402-0550, MIL-16630, Waldes 5102	
139.70 (5.500")	133.71 +/-0.176	3.18 +/-0.102	131.10	CCE-13970-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: N1400-0550	
139.70 (5.500")	133.71 +/-0.176	3.18 +/-0.102	131.10	CCE-13970-S42	Circlips - External - Standard - Stainless Steel 420 Stainless Steel: N1400-0550KSF	
139.70 (5.500")	133.71 +/-0.176	3.18 +/-0.102	131.10	CCE-13970-CZY	Circlips - External - Standard - Zinc Plated Zinc Plated Yellow: N1400-0550AZD	
140.00 (5.512")	136.00 +0.00/-0.63	4.00 +0.00/-0.10	133.00	CCE-14000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A140X4, D1400-1400	
140.00 (5.512")	136.00 +0.00/-0.63	5.00 +0.00/-0.12	133.00	CCE-14000H-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: D1460-1400, AS140X5	
142.00 (5.591")	138.00 +0.00/-0.63	4.00 +0.00/-0.10	135.00	CCE-14200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A142X4, D1400-1420	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
145.00 (5.709")	140.37 +0.00/-0.63	4.00 +0.00/-0.10	138.63	CCE-14500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A145X4, D1400-1450</i>	
145.00 (5.709")	141.00 +0.00/-0.63	5.00 +0.00/-0.12	138.00	CCE-14500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1450, AS145X5</i>	
146.05 (5.750")	137.57 +0.00/-0.18	3.18 +/-0.10	136.04	CEB-14605-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0575, MIL-16630, Waldes 5102</i>	
146.05 (5.750")	139.83 +/-0.176	3.18 +/-0.102	137.06	CCE-14605-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0575</i>	
146.05 (5.750")	139.83 +/-0.176	3.18 +/-0.102	137.10	CCE-14605-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0575KSF</i>	
146.05 (5.750")	139.83 +/-0.176	3.18 +/-0.102	137.10	CCE-14605-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0575AZD</i>	
147.00 (5.787")	143.00 +0.00/-0.63	4.00 +0.00/-0.10	140.00	CCE-14700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A147X4, D1400-1470</i>	
148.00 (5.827")	143.37 +0.00/-0.63	4.00 +0.00/-0.10	140.63	CCE-14800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A148X4, D1400-1480</i>	
150.00 (5.906")	145.00 +0.00/-0.63	4.00 +0.00/-0.10	142.00	CCE-15000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A150X4, D1400-1500</i>	
150.00 (5.906")	145.00 +0.00/-0.63	4.00 +0.00/-0.10	142.00	CCE-15000-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless: A150X4-411, D1400-1500KSF</i>	
150.00 (5.906")	145.00 +0.00/-0.63	5.00 +0.00/-0.12	142.00	CCE-15000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1500, AS150X5</i>	
152.00 (5.984")	147.00 +0.00/-0.63	4.00 +0.00/-0.10	143.63	CCE-15200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A152X4, D1400-1520</i>	
152.40 (6.000")	143.54 +0.00/-0.18	3.18 +/-0.10	142.01	CEB-15240-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0600, MIL-16630, Waldes 5102</i>	
152.40 (6.000")	145.92 +/-0.176	3.18 +/-0.102	143.00	CCE-15240-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0600KSF</i>	
152.40 (6.000")	145.92 +/-0.176	3.18 +/-0.102	143.00	CCE-15240-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0600AZD</i>	
152.40 (6.000")	145.92 +/-0.176	3.18 +/-0.102	143.03	CCE-15240-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0600</i>	
155.00 (6.102")	149.37 +0.00/-0.63	4.00 +0.00/-0.10	146.63	CCE-15500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A155X4, D1400-1550</i>	
155.00 (6.102")	150.00 +0.00/-0.63	5.00 +0.00/-0.12	146.00	CCE-15500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1550, AS155X5</i>	
157.00 (6.181")	152.00 +0.00/-0.63	4.00 +0.00/-0.10	148.00	CCE-15700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A157X4, D1400-1570</i>	
158.00 (6.220")	153.00 +0.00/-0.63	4.00 +0.00/-0.10	148.00	CCE-15800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A158X4, D1400-1580</i>	
158.75 (6.250")	149.50 +0.00/-0.20	3.96 +/-0.13	147.73	CEB-15875-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0625, MIL-16630, Waldes 5102</i>	
158.75 (6.250")	152.00 +/-0.204	3.18 +/-0.127	149.00	CCE-15875-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0625</i>	
158.75 (6.250")	152.00 +/-0.204	3.18 +/-0.127	149.00	CCE-15875-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0625KSF</i>	
158.75 (6.250")	152.00 +/-0.204	3.18 +/-0.127	149.00	CCE-15875-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0625AZD</i>	
160.00 (6.299")	155.00 +0.00/-0.63	4.00 +0.00/-0.10	151.00	CCE-16000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A160X4, D1400-1600</i>	
160.00 (6.299")	155.00 +0.00/-0.63	5.00 +0.00/-0.12	151.00	CCE-16000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1600, AS160X5</i>	
162.00 (6.378")	157.00 +0.00/-0.63	4.00 +0.00/-0.10	152.50	CCE-16200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A162X4, D1400-1620</i>	
165.00 (6.496")	159.37 +0.00/-0.63	4.00 +0.00/-0.10	156.13	CCE-16500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A165X4, D1400-1650</i>	
165.00 (6.496")	160.00 +0.00/-0.63	5.00 +0.00/-0.12	155.50	CCE-16500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1650, AS165X5</i>	
165.10 (6.500")	155.45 +0.00/-0.20	3.96 +/-0.13	153.67	CEB-16510-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0650, MIL-16630, Waldes 5102</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
165.10 (6.500")	158.10 +/-0.204	3.96 +/-0.127	154.90	CCE-16510-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0650</i>	
165.10 (6.500")	158.10 +/-0.204	3.96 +/-0.127	154.90	CCE-16510-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0650KSF</i>	
165.10 (6.500")	158.10 +/-0.204	3.96 +/-0.127	154.90	CCE-16510-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0650AZD</i>	
167.00 (6.575")	162.00 +0.00/-0.63	4.00 +0.00/-0.10	157.50	CCE-16700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A167X4, D1400-1670</i>	
168.00 (6.614")	162.00 +0.00/-0.63	4.00 +0.00/-0.10	158.13	CCE-16800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A168X4, D1400-1680</i>	
170.00 (6.693")	165.00 +0.00/-0.63	4.00 +0.00/-0.10	160.50	CCE-17000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A170X4, D1400-1700</i>	
170.00 (6.693")	165.00 +0.00/-0.63	5.00 +0.00/-0.12	160.50	CCE-17000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1700, AS170X5</i>	
171.45 (6.750")	161.42 +0.00/-0.20	3.96 +/-0.13	159.64	CEB-17145-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0675, MIL-16630, Waldes 5102</i>	
171.45 (6.750")	164.20 +/-0.204	3.96 +/-0.127	160.90	CCE-17145-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0675</i>	
171.45 (6.750")	164.20 +/-0.204	3.96 +/-0.127	160.90	CCE-17145-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0675AZD</i>	
172.00 (6.772")	167.00 +0.00/-0.63	4.00 +0.00/-0.10	160.50	CCE-17200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A172X4, D1400-1720</i>	
175.00 (6.890")	169.37 +0.00/-0.63	4.00 +0.00/-0.10	166.13	CCE-17500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A175X4, D1400-1750</i>	
175.00 (6.890")	170.00 +0.00/-0.63	5.00 +0.00/-0.12	165.50	CCE-17500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1750, AS175X5</i>	
176.00 (6.929")	171.00 +0.00/-0.63	4.00 +0.00/-0.10	167.13	CCE-17600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A176X4, D1400-1760</i>	
177.00 (6.969")	172.00 +0.00/-0.63	4.00 +0.00/-0.10	167.50	CCE-17700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A177X4, D1400-1770</i>	
177.80 (7.000")	167.39 +0.00/-0.20	3.96 +/-0.13	165.61	CEB-17780-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0700, MIL-16630, Waldes 5102</i>	
177.80 (7.000")	170.30 +/-0.204	4.00 +/-0.127	166.90	CCE-17780-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0700</i>	
177.80 (7.000")	170.30 +/-0.204	4.00 +/-0.127	166.90	CCE-17780-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0700AZD</i>	
178.00 (7.008")	173.00 +0.00/-0.63	4.00 +0.00/-0.10	171.13	CCE-17800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A178X4, D1400-1780</i>	
180.00 (7.087")	175.00 +0.00/-0.63	4.00 +0.00/-0.10	170.50	CCE-18000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A180X4, D1400-1800</i>	
180.00 (7.087")	175.00 +0.00/-0.63	5.00 +0.00/-0.12	170.50	CCE-18000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1800, AS180X5</i>	
182.00 (7.165")	177.00 +0.00/-0.63	4.00 +0.00/-0.10	170.50	CCE-18200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A182X4, D1400-1820</i>	
184.15 (7.250")	176.30 +/-0.204	4.80 +/-0.127	172.10	CCE-18415-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0725</i>	
185.00 (7.283")	179.37 +0.00/-0.63	4.00 +0.00/-0.10	176.13	CCE-18500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A185X4, D1400-1850</i>	
185.00 (7.283")	180.00 +0.00/-0.63	5.00 +0.00/-0.12	175.50	CCE-18500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1850, AS185X5</i>	
186.00 (7.323")	181.00 +0.00/-0.72	4.00 +0.00/-0.10	177.13	CCE-18600-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A186X4, D1400-1860</i>	
187.00 (7.362")	182.00 +0.00/-0.63	4.00 +0.00/-0.10	177.50	CCE-18700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A187X4, D1400-1870</i>	
188.00 (7.402")	183.00 +0.00/-0.63	4.00 +0.00/-0.10	177.50	CCE-18800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A188X4, D1400-1880</i>	
190.00 (7.480")	185.00 +0.00/-0.63	4.00 +0.00/-0.10	180.50	CCE-19000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A190X4, D1400-1900</i>	
190.00 (7.480")	185.00 +0.00/-0.72	5.00 +0.00/-0.12	180.50	CCE-19000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1900, AS190X5</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
190.50 (7.500")	179.30 +0.00/-0.20	4.75 +/-0.13	177.27	CEB-19050-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0750, MIL-16630, Waldes 5102</i>	
190.50 (7.500")	182.40 +/-0.204	4.75 +/-0.127	178.00	CCE-19050-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0750</i>	
190.50 (7.500")	182.40 +/-0.204	4.75 +/-0.127	178.00	CCE-19050-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0750KSF</i>	
190.50 (7.500")	182.40 +/-0.204	4.75 +/-0.127	178.00	CCE-19050-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0750AZD</i>	
192.00 (7.559")	187.00 +0.00/-0.72	4.00 +0.00/-0.10	180.50	CCE-19200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A192X4, D1400-1920</i>	
195.00 (7.677")	190.00 +0.00/-0.72	4.00 +0.00/-0.10	186.22	CCE-19500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A195X4, D1400-1950</i>	
195.00 (7.677")	190.00 +0.00/-0.72	5.00 +0.00/-0.12	185.50	CCE-19500H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-1950, AS195X5</i>	
196.85 (7.750")	188.50 +/-0.204	4.80 +/-0.127	184.00	CCE-19685-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0775</i>	
196.85 (7.750")	188.50 +/-0.204	4.80 +/-0.127	184.00	CCE-19685-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0775AZD</i>	
197.00 (7.756")	192.00 +0.00/-0.72	4.00 +0.00/-0.10	187.50	CCE-19700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A197X4, D1400-1970</i>	
198.00 (7.795")	193.00 +0.00/-0.72	4.00 +0.00/-0.10	187.50	CCE-19800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A198X4, D1400-1980</i>	
200.00 (7.874")	194.28 +0.00/-0.72	4.00 +0.00/-0.10	191.22	CCE-20000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A200X4, D1400-2000</i>	
200.00 (7.874")	195.00 +0.00/-0.72	5.00 +0.00/-0.12	190.50	CCE-20000H-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: D1460-2000, AS200X5</i>	
202.00 (7.953")	196.00 +0.00/-0.72	5.00 +0.00/-0.10	190.00	CCE-20200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A202X5, D1400-2020</i>	
203.20 (8.000")	191.21 +0.00/-0.20	4.75 +/-0.13	189.18	CEB-20320-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0800, MIL-16630, Waldes 5102</i>	
203.20 (8.000")	194.46 +/-0.204	4.75 +/-0.127	189.90	CCE-20320-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0800AZD</i>	
203.20 (8.000")	194.46 +/-0.204	4.75 +/-0.127	189.94	CCE-20320-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0800, A203X4.8</i>	
205.00 (8.071")	199.00 +0.00/-0.72	5.00 +0.00/-0.12	193.00	CCE-20500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A205X5, D1400-2050</i>	
207.00 (8.150")	201.00 +0.00/-0.72	5.00 +0.00/-0.12	193.00	CCE-20700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A207X5, D1400-2070</i>	
208.00 (8.189")	202.00 +0.00/-0.72	5.00 +0.00/-0.12	193.00	CCE-20800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A208X5, D1400-2080</i>	
209.55 (8.250")	200.70 +/-0.204	4.80 +/-0.127	195.90	CCE-20955-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0825</i>	
209.55 (8.250")	200.70 +/-0.204	4.80 +/-0.127	195.90	CCE-20955-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0825AZD</i>	
210.00 (8.268")	203.19 +0.00/-0.72	5.00 +0.00/-0.12	198.72	CCE-21000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A210X5, D1400-2100</i>	
212.00 (8.346")	206.00 +0.00/-0.72	5.00 +0.00/-0.12	198.00	CCE-21200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A212X5, D1400-2120</i>	
215.00 (8.465")	208.28 +0.00/-0.72	5.00 +0.00/-0.12	203.72	CCE-21500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A215X5, D1400-2150</i>	
215.90 (8.500")	203.12 +0.00/-0.20	4.75 +/-0.13	201.09	CEB-21590-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0850, MIL-16630, Waldes 5102</i>	
215.90 (8.500")	206.80 +/-0.204	4.75 +/-0.127	201.90	CCE-21590-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0850</i>	
215.90 (8.500")	206.80 +/-0.204	4.75 +/-0.127	201.90	CCE-21590-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0850AZD</i>	
217.00 (8.543")	211.00 +0.00/-0.72	5.00 +0.00/-0.12	203.00	CCE-21700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A217X5, D1400-2170</i>	
218.00 (8.583")	212.00 +0.00/-0.72	5.00 +0.00/-0.12	203.00	CCE-21800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A218X5, D1400-2180</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
220.00 (8.661")	214.00 +0.00/-0.72	5.00 +0.00/-0.12	208.00	CCE-22000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A220X5, D1400-2200</i>	
222.00 (8.740")	216.00 +0.00/-0.72	5.00 +0.00/-0.12	208.00	CCE-22200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A222X5, D1400-2220</i>	
222.25 (8.750")	212.90 +/-0.204	4.80 +/-0.127	207.80	CCE-22225-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0875</i>	
222.25 (8.750")	212.90 +/-0.204	4.80 +/-0.127	207.80	CCE-22225-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0875AZD</i>	
225.00 (8.858")	219.00 +0.00/-0.72	5.00 +0.00/-0.12	213.72	CCE-22500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A225X5, D1400-2250</i>	
227.00 (8.937")	221.00 +0.00/-0.72	5.00 +0.00/-0.12	213.00	CCE-22700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A227X5, D1400-2270</i>	
228.00 (8.976")	222.00 +0.00/-0.72	5.00 +0.00/-0.12	213.00	CCE-22800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A228X5, D1400-2280</i>	
228.60 (9.000")	215.01 +0.00/-0.20	4.75 +/-0.13	212.98	CEB-22860-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0900, MIL-16630, Waldes 5102</i>	
228.60 (9.000")	219.00 +/-0.204	4.75 +/-0.127	213.70	CCE-22860-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0900</i>	
228.60 (9.000")	219.00 +/-0.204	4.75 +/-0.127	213.70	CCE-22860-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0900AZD</i>	
230.00 (9.055")	224.00 +0.00/-0.72	5.00 +0.00/-0.12	218.00	CCE-23000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A230X5, D1400-2300</i>	
232.00 (9.134")	226.00 +0.00/-0.72	5.00 +0.00/-0.12	218.00	CCE-23200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A232X5, D1400-2320</i>	
234.95 (9.250")	225.00 +/-0.204	4.80 +/-0.127	219.70	CCE-23495-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0925</i>	
235.00 (9.252")	229.00 +0.00/-0.72	5.00 +0.00/-0.12	223.00	CCE-23500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A235X5, D1400-2350</i>	
237.00 (9.331")	231.00 +0.00/-0.72	5.00 +0.00/-0.12	223.00	CCE-23700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A237X5, D1400-2370</i>	
238.00 (9.370")	232.00 +0.00/-0.72	5.00 +0.00/-0.12	223.00	CCE-23800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A238X5, D1400-2380</i>	
240.00 (9.449")	234.00 +0.00/-0.72	5.00 +0.00/-0.12	228.00	CCE-24000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A240X5, D1400-2400</i>	
241.30 (9.500")	226.95 +0.00/-0.20	4.75 +/-0.13	224.92	CEB-24130-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-0950, MIL-16630, Waldes 5102</i>	
241.30 (9.500")	231.10 +/-0.204	4.75 +/-0.127	225.70	CCE-24130-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0950</i>	
241.30 (9.500")	231.10 +/-0.204	4.75 +/-0.127	225.70	CCE-24130-S42	Circlips - External - Standard - Stainless Steel <i>420 Stainless Steel: N1400-0950KSF</i>	
241.30 (9.500")	231.10 +/-0.204	4.75 +/-0.127	225.70	CCE-24130-CZY	Circlips - External - Standard - Zinc Plated <i>Zinc Plated Yellow: N1400-0950AZD</i>	
242.00 (9.528")	236.00 +0.00/-0.72	5.00 +0.00/-0.12	228.00	CCE-24200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A242X5, D1400-2420</i>	
245.00 (9.646")	239.00 +0.00/-0.72	5.00 +0.00/-0.12	233.00	CCE-24500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A245X5, D1400-2450</i>	
247.00 (9.724")	241.00 +0.00/-0.72	5.00 +0.00/-0.12	233.00	CCE-24700-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A247X5, D1400-2470</i>	
247.65 (9.750")	237.20 +/-0.204	4.80 +/-0.127	231.70	CCE-24765-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-0975</i>	
248.00 (9.764")	242.00 +0.00/-0.72	5.00 +0.00/-0.12	233.00	CCE-24800-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A248X5, D1400-2480</i>	
250.00 (9.843")	243.19 +0.00/-0.72	5.00 +0.00/-0.12	238.72	CCE-25000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A250X5, D1400-2500</i>	
252.00 (9.921")	244.00 +0.00/-0.72	5.00 +0.00/-0.12	238.00	CCE-25200-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A252X5, D1400-2520</i>	
254.00 (10.000")	238.89 +0.00/-0.20	4.75 +/-0.13	236.86	CEB-25400-C	Circlips - External - Bevelled <i>Carbon Spring Steel: N1402-1000, MIL-16630, Waldes 5102</i>	
254.00 (10.000")	243.18 +/-0.204	4.75 +/-0.127	237.60	CCE-25400-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: N1400-1000</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
255.00 (10.039")	246.28 +0.00/-0.72	5.00 +0.00/-0.12	240.72	CCE-25500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A255X5, D1400-2550	
257.00 (10.118")	249.00 +0.00/-0.72	5.00 +0.00/-0.12	240.00	CCE-25700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A257X5, D1400-2570	
258.00 (10.157")	250.00 +0.00/-0.72	5.00 +0.00/-0.12	240.00	CCE-25800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A258X5, D1400-2580	
260.00 (10.236")	251.19 +0.00/-0.81	5.00 +0.00/-0.12	245.72	CCE-26000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A260X5, D1400-2600	
262.00 (10.315")	254.00 +0.00/-0.81	5.00 +0.00/-0.12	245.00	CCE-26200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A262X5, D1400-2620	
265.00 (10.433")	257.00 +0.00/-0.81	5.00 +0.00/-0.12	250.00	CCE-26500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A265X5, D1400-2650	
267.00 (10.512")	259.00 +0.00/-0.81	5.00 +0.00/-0.12	250.00	CCE-26700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A267X5, D1400-2670	
268.00 (10.551")	260.00 +0.00/-0.81	5.00 +0.00/-0.12	250.00	CCE-26800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A268X5, D1400-2680	
270.00 (10.630")	262.00 +0.00/-0.81	5.00 +0.00/-0.12	255.00	CCE-27000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A270X5, D1400-2700	
272.00 (10.709")	264.00 +0.00/-0.81	5.00 +0.00/-0.12	255.00	CCE-27200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A272X5, D1400-2720	
275.00 (10.827")	267.00 +0.00/-0.81	5.00 +0.00/-0.12	260.00	CCE-27500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A275X5, D1400-2750	
277.00 (10.906")	269.00 +0.00/-0.81	5.00 +0.00/-0.12	260.00	CCE-27700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A277X5, D1400-2770	
278.00 (10.945")	270.00 +0.00/-0.81	5.00 +0.00/-0.12	260.00	CCE-27800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A278X5, D1400-2780	
280.00 (11.024")	271.19 +0.00/-0.81	5.00 +0.00/-0.12	265.81	CCE-28000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A280X5, D1400-2800	
282.00 (11.102")	274.00 +0.00/-0.81	5.00 +0.00/-0.12	265.00	CCE-28200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A282X5, D1400-2820	
285.00 (11.220")	277.00 +0.00/-0.81	5.00 +0.00/-0.12	270.00	CCE-28500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A285X5, D1400-2850	
287.00 (11.299")	279.00 +0.00/-0.81	5.00 +0.00/-0.12	270.00	CCE-28700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A287X5, D1400-2870	
288.00 (11.339")	280.00 +0.00/-0.81	5.00 +0.00/-0.12	270.00	CCE-28800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A288X5, D1400-2880	
290.00 (11.417")	281.19 +0.00/-0.81	5.00 +0.00/-0.12	275.81	CCE-29000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A290X5, D1400-2900	
292.00 (11.496")	284.00 +0.00/-0.81	5.00 +0.00/-0.12	275.00	CCE-29200-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A292X5, D1400-2920	
295.00 (11.614")	287.00 +0.00/-0.81	5.00 +0.00/-0.12	280.00	CCE-29500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A295X5, D1400-2950	
297.00 (11.693")	289.00 +0.00/-0.81	5.00 +0.00/-0.12	280.00	CCE-29700-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A297X5, D1400-2970	
298.00 (11.732")	290.00 +0.00/-0.81	5.00 +0.00/-0.12	280.00	CCE-29800-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A298X5, D1400-2980	
300.00 (11.811")	291.19 +0.00/-0.81	5.00 +0.00/-0.12	285.81	CCE-30000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A300X5, D1400-3000	
305.00 (12.008")	295.00 +0.00/-0.81	6.00 +0.00/-0.15	288.00	CCE-30500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A305X6, D1400-3050	
310.00 (12.205")	300.00 +0.00/-0.81	6.00 +0.00/-0.15	293.00	CCE-31000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A310X6, D1400-3100	
315.00 (12.402")	305.00 +0.00/-0.81	6.00 +0.00/-0.15	293.00	CCE-31500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A315X6, D1400-3150	
320.00 (12.598")	309.19 +0.00/-0.81	6.00 +0.00/-0.15	303.81	CCE-32000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A320X6, D1400-3200	
325.00 (12.795")	315.00 +0.00/-0.89	6.00 +0.00/-0.15	308.00	CCE-32500-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A325X6, D1400-3250	
330.00 (12.992")	319.11 +0.00/-0.89	6.00 +0.00/-0.15	313.81	CCE-33000-C	Circlips - External - Standard - Carbon Steel Carbon Spring Steel: A330X6, D1400-3300	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
335.00 (13.189")	325.00 +0.00/-0.89	6.00 +0.00/-0.15	318.00	CCE-33500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A335X6, D1400-3350</i>	
340.00 (13.386")	330.00 +0.00/-0.89	6.00 +0.00/-0.15	323.00	CCE-34000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A340X6, D1400-3400</i>	
345.00 (13.583")	335.00 +0.00/-0.89	6.00 +0.00/-0.15	328.00	CCE-34500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A345X6, D1400-3450</i>	
350.00 (13.780")	340.00 +0.00/-0.89	6.00 +0.00/-0.15	333.00	CCE-35000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A350X6, D1400-3500</i>	
355.00 (13.976")	345.00 +0.00/-0.89	6.00 +0.00/-0.15	338.00	CCE-35500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A355X6, D1400-3550</i>	
360.00 (14.173")	349.11 +0.00/-0.89	6.00 +0.00/-0.15	343.90	CCE-36000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A360X6, D1400-3600</i>	
365.00 (14.370")	355.00 +0.00/-0.89	6.00 +0.00/-0.15	348.00	CCE-36500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A365X6, D1400-3650</i>	
370.00 (14.567")	360.00 +0.00/-0.89	6.00 +0.00/-0.15	353.00	CCE-37000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A370X6, D1400-3700</i>	
380.00 (14.961")	365.00 +0.00/-0.89	6.00 +0.00/-0.15	358.00	CCE-37500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A380X6, D1400-3800</i>	
380.00 (14.961")	369.11 +0.00/-0.89	6.00 +0.00/-0.15	363.90	CCE-38000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A380X6, D1400-3800</i>	
385.00 (15.157")	375.00 +0.00/-0.89	6.00 +0.00/-0.15	368.00	CCE-38500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A385X6, D1400-3850</i>	
390.00 (15.354")	380.00 +0.00/-0.89	6.00 +0.00/-0.15	373.00	CCE-39000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A390X6, D1400-3900</i>	
395.00 (15.551")	385.00 +0.00/-0.89	6.00 +0.00/-0.15	378.00	CCE-39500-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A395X6, D1400-3950</i>	
400.00 (15.748")	390.00 +0.00/-0.89	6.00 +0.00/-0.15	383.00	CCE-40000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A400X6, D1400-4000</i>	
410.00 (16.142")	398.00 +0.00/-0.89	7.00 +0.00/-0.15	390.00	CCE-41000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A410X7, D1400-4100</i>	
420.00 (16.535")	408.00 +0.00/-1.00	7.00 +0.00/-0.15	400.00	CCE-42000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A420X7, D1400-4200</i>	
430.00 (16.929")	418.00 +0.00/-1.00	7.00 +0.00/-0.15	410.00	CCE-43000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A430X7, D1400-4300</i>	
440.00 (17.323")	428.00 +0.00/-1.00	7.00 +0.00/-0.15	420.00	CCE-44000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A440X7, D1400-4400</i>	
450.00 (17.717")	438.00 +0.00/-1.00	7.00 +0.00/-0.15	430.00	CCE-45000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A450X7, D1400-4500</i>	
460.00 (18.110")	448.00 +0.00/-1.00	7.00 +0.00/-0.15	440.00	CCE-46000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A460X7, D1400-4600</i>	
470.00 (18.504")	458.00 +0.00/-1.00	7.00 +0.00/-0.15	450.00	CCE-47000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A470X7, D1400-4700</i>	
480.00 (18.898")	468.00 +0.00/-1.00	7.00 +0.00/-0.15	460.00	CCE-48000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A480X7, D1400-4800</i>	
490.00 (19.291")	478.00 +0.00/-1.00	7.00 +0.00/-0.15	470.00	CCE-49000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A490X7, D1400-4900</i>	
500.00 (19.685")	488.00 +0.00/-1.00	7.00 +0.00/-0.15	480.00	CCE-50000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A500X7, D1400-5000</i>	
510.00 (20.079")	496.00 +0.00/-1.00	8.00 +0.00/-0.15	485.00	CCE-51000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A510X8, D1400-5100</i>	
520.00 (20.472")	506.00 +0.00/-1.00	8.00 +0.00/-0.15	495.00	CCE-52000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A520X8, D1400-5200</i>	
530.00 (20.866")	516.00 +0.00/-1.00	8.00 +0.00/-0.15	505.00	CCE-53000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A530X8, D1400-5300</i>	
540.00 (21.260")	526.00 +0.00/-1.00	8.00 +0.00/-0.15	515.00	CCE-54000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A540X8, D1400-5400</i>	
550.00 (21.654")	536.00 +0.00/-1.00	8.00 +0.00/-0.15	525.00	CCE-55000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A550X8, D1400-5500</i>	
560.00 (22.047")	546.00 +0.00/-1.00	8.00 +0.00/-0.15	535.00	CCE-56000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A560X8, D1400-5600</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - External						
Shaft Diameter (Ds) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Loose Circlip ID (A) (mm)	Part Number	Description	
570.00 (22.441")	556.00 +0.00/-1.00	8.00 +0.00/-0.15	545.00	CCE-57000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A570X8, D1400-5700</i>	
580.00 (22.835")	566.00 +0.00/-1.00	8.00 +0.00/-0.15	555.00	CCE-58000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A580X8, D1400-5800</i>	
590.00 (23.228")	576.00 +0.00/-1.00	8.00 +0.00/-0.15	565.00	CCE-59000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A590X8, D1400-5900</i>	
600.00 (23.622")	586.00 +0.00/-1.00	8.00 +0.00/-0.15	575.00	CCE-60000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A600X8, D1400-6000</i>	
650.00 (25.591")	634.00 +0.00/-1.00	9.00 +0.00/-0.20	620.00	CCE-65000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A650X9, D1400-6500</i>	
700.00 (27.559")	684.00 +0.00/-1.00	9.00 +0.00/-0.20	670.00	CCE-70000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A700X9, D1400-7000</i>	
750.00 (29.528")	732.00 +0.00/-1.00	9.00 +0.00/-0.20	715.00	CCE-75000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A750X9, D1400-7500</i>	
800.00 (31.496")	782.00 +0.00/-1.00	9.00 +0.00/-0.20	765.00	CCE-80000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A800X9, D1400-8000</i>	
850.00 (33.465")	830.00 +0.00/-1.00	9.00 +0.00/-0.20	810.00	CCE-85000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A850X9, D1400-8500</i>	
900.00 (35.433")	880.00 +0.00/-1.00	9.00 +0.00/-0.20	860.00	CCE-90000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A900X9, D1400-9000</i>	
950.00 (37.402")	928.00 +0.00/-1.00	9.00 +0.00/-0.20	900.00	CCE-95000-C	Circlips - External - Standard - Carbon Steel <i>Carbon Spring Steel: A950X9, D1400-9500</i>	

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
6.35 (0.250")	6.81 +/-0.025	0.31 +0.00/-0.05	7.11	CCI-00635-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0025APP, Ellison 9000, MIL-16625</i>	
6.35 (0.250")	6.81 +/-0.025	0.31 +0.00/-0.05	7.11	CCI-00635-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0025AZD, Ellison 9000, MIL-16625</i>	
6.35 (0.250")	6.81 +/-0.025	0.31 +0.00/-0.05	7.11	CCI-00635-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0025BDS, A 9Y28-25</i>	
7.94 (0.313")	8.38 +/-0.025	0.31 +0.00/-0.05	8.79	CCI-00794-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0031APP, Ellison 9000, MIL-16625</i>	
7.94 (0.313")	8.38 +/-0.025	0.31 +0.00/-0.05	8.79	CCI-00794-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0031AZD, Ellison 9000, MIL-16625</i>	
7.94 (0.313")	8.38 +/-0.025	0.31 +0.00/-0.05	8.79	CCI-00794-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0031BDS, A 9Y28-31</i>	
8.00 (0.315")	8.40 +0.09/-0.00	0.80 +0.00/-0.05	8.70	CCI-00800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J8X0.8, D1300-0080APP</i>	
8.00 (0.315")	8.40 +0.09/-0.00	0.80 +0.00/-0.05	8.70	CCI-00800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J8X0.8-411, D1300-0080KSF</i>	
9.00 (0.354")	9.40 +0.09/-0.00	0.80 +0.00/-0.05	9.80	CCI-00900-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J9X0.8, D1300-0090APP</i>	
9.00 (0.354")	9.40 +0.09/-0.00	0.80 +0.00/-0.05	9.80	CCI-00900-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J9X0.8-411, D1300-0090KSF</i>	
9.53 (0.375")	10.08 +/-0.050	0.64 +0.00/-0.05	10.54	CCI-00953-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0037AZD, Ellison 9000, MIL-16625</i>	
9.53 (0.375")	10.08 +/-0.050	0.64 +0.00/-0.05	10.54	CCI-00953-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0037BDS, A 9Y28-37</i>	
9.53 (0.375")	10.08 +/-0.050	0.64 +0.00/-0.05	10.54	CCI-00953-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0037APP, Ellison 9000, MIL-16625</i>	
10.00 (0.394")	10.40 +0.11/-0.00	1.00 +0.00/-0.06	10.80	CCI-01000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J10X1, D1300-0100APP</i>	
10.00 (0.394")	10.40 +0.11/-0.00	1.00 +0.00/-0.06	10.80	CCI-01000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J10X1-411, D1300-0100KSF</i>	
10.00 (0.394")	10.50 +0.11/-0.00	0.60 +0.00/-0.05	10.90	CCI-01000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0100, Ellison INTV, Seeger JV</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal

Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
11.00 (0.433")	11.40 +0.11/-0.00	1.00 +0.00/-0.06	11.80	CCI-01100-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J11X1, D1300-0110APP</i>
11.00 (0.433")	11.40 +0.11/-0.00	1.00 +0.00/-0.06	11.80	CCI-01100-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J11X1-411, D1300-0110KSF</i>
11.11 (0.437")	11.71 +/-0.050	0.64 +0.00/-0.06	12.24	CCI-01111-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0043AZD, Ellison 9000, MIL-16625</i>
11.11 (0.437")	11.71 +/-0.050	0.64 +0.00/-0.06	12.24	CCI-01111-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0043APP, Ellison 9000, MIL-16625</i>
11.11 (0.437")	11.71 +/-0.050	0.64 +0.00/-0.06	12.24	CCI-01111-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0043BDS, Ellison 9000, MIL-16625</i>
11.51 (0.453")	12.12 +/-0.050	0.64 +0.00/-0.06	12.65	CCI-01151-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0045APP, Ellison 9000, MIL-16625</i>
11.51 (0.453")	12.12 +/-0.050	0.64 +0.00/-0.06	12.65	CCI-01151-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0045AZD, Ellison 9000, MIL-16625</i>
11.51 (0.453")	12.12 +/-0.050	0.64 +0.00/-0.06	12.65	CCI-01151-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0045BDS, Ellison 9000, MIL-16625</i>
12.00 (0.472")	12.50 +0.11/-0.00	1.00 +0.00/-0.06	13.00	CCI-01200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J12X1, D1300-0120APP</i>
12.00 (0.472")	12.50 +0.11/-0.00	1.00 +0.00/-0.06	13.00	CCI-01200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J12X1-411, D1300-0120KSF</i>
12.00 (0.472")	12.60 +0.11/-0.00	0.60 +0.00/-0.05	13.10	CCI-01200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0120, Ellison INTV, Seeger JV</i>
12.70 (0.500")	13.46 +/-0.050	0.89 +0.00/-0.06	13.92	CCI-01270-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0050APP, J1/2X.039IN</i>
12.70 (0.500")	13.46 +/-0.050	0.89 +0.00/-0.06	13.92	CCI-01270-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0050AZD, Ellison 9000, MIL-16625</i>
12.70 (0.500")	13.46 +/-0.050	0.89 +0.00/-0.06	13.92	CCI-01270-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0050BDS, A 9Y28-50</i>
12.95 (0.510")	13.72 +/-0.050	0.89 +0.00/-0.06	14.22	CCI-01295-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0051APP, Ellison 9000, MIL-16625</i>
12.95 (0.510")	13.72 +/-0.050	0.89 +0.00/-0.06	14.22	CCI-01295-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0051BDS, Ellison 9000, MIL-16625</i>
13.00 (0.512")	13.60 +0.11/-0.00	1.00 +0.00/-0.06	14.10	CCI-01300-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J13X1, D1300-0130APP</i>
13.00 (0.512")	13.60 +0.11/-0.00	1.00 +0.00/-0.06	14.10	CCI-01300-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J13X1-411, D1300-0130KSF</i>
14.00 (0.551")	14.60 +0.11/-0.00	1.00 +0.00/-0.06	15.10	CCI-01400-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J14X1, D1300-0140APP</i>
14.00 (0.551")	14.60 +0.11/-0.00	1.00 +0.00/-0.06	15.10	CCI-01400-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J14X1-411, D1300-0140KSF</i>
14.29 (0.563")	15.14 +/-0.050	0.89 +0.00/-0.06	15.75	CCI-01429-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0056APP, Ellison 9000, MIL-16625</i>
14.29 (0.563")	15.14 +/-0.050	0.89 +0.00/-0.06	15.75	CCI-01429-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0056AZD, Ellison 9000, MIL-16625</i>
14.29 (0.563")	15.14 +/-0.050	0.89 +0.00/-0.06	15.75	CCI-01429-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0056BDS, Ellison 9000, MIL-16625</i>
15.00 (0.591")	15.70 +0.11/-0.00	0.80 +0.00/-0.05	16.10	CCI-01500-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0150, Ellison INTV, Seeger JV</i>
15.00 (0.591")	15.70 +0.11/-0.00	1.00 +0.00/-0.06	16.20	CCI-01500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J15X1, D1300-0150APP</i>
15.00 (0.591")	15.70 +0.11/-0.00	1.00 +0.00/-0.06	16.20	CCI-01500-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J15X1-411, D1300-0150KSF</i>
15.88 (0.625")	16.89 +/-0.050	0.64 +/-0.052	17.63	CCI-01588-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0062, Waldes 5008, MIL 16627</i>
15.88 (0.625")	16.89 +/-0.050	0.89 +0.00/-0.06	17.63	CCI-01588-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0062APP, Ellison 9000, MIL-16625</i>
15.88 (0.625")	16.89 +/-0.050	0.89 +0.00/-0.06	17.63	CCI-01588-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0062AZD, Ellison 9000, MIL-16625</i>
15.88 (0.625")	16.89 +/-0.050	0.89 +0.00/-0.06	17.63	CCI-01588-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0062BDS, Ellison 9000, MIL-16625</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal

Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
16.00 (0.630")	16.80 +0.11/-0.00	1.00 +0.00/-0.06	17.30	CCI-01600-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0160, Ellison INTV, Seeger JV</i>
16.00 (0.630")	16.80 +0.11/-0.00	1.00 +0.00/-0.06	17.30	CCI-01600-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J16X1, D1300-0160APP</i>
16.00 (0.630")	16.80 +0.11/-0.00	1.00 +0.00/-0.06	17.30	CCI-01600-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J16X1-411, D1300-0160KSF</i>
17.00 (0.669")	17.80 +0.13/-0.00	1.00 +0.00/-0.06	18.30	CCI-01700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J17X1, D1300-0170APP</i>
17.00 (0.669")	17.80 +0.13/-0.00	1.00 +0.00/-0.06	18.30	CCI-01700-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J17X1-411, D1300-0170KSF</i>
17.00 (0.669")	17.80 +0.11/-0.00	1.00 +0.00/-0.06	18.30	CCI-01700-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0170, Ellison INTV, Seeger JV</i>
17.46 (0.687")	18.59 +/-0.050	0.89 +0.00/-0.06	19.38	CCI-01746-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0068APP, Ellison 9000, MIL-16625</i>
17.46 (0.687")	18.59 +/-0.050	0.89 +0.00/-0.06	19.38	CCI-01746-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0068AZD, Ellison 9000, MIL-16625</i>
17.46 (0.687")	18.59 +/-0.050	0.89 +0.00/-0.06	19.38	CCI-01746-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0068BDS, Ellison 9000, MIL-16625</i>
18.00 (0.709")	19.00 +0.13/-0.00	1.00 +0.00/-0.06	19.50	CCI-01800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J18X1, D1300-0180APP</i>
18.00 (0.709")	19.00 +0.15/-0.00	1.00 +0.00/-0.06	19.50	CCI-01800-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0180, Ellison INTV, Seeger JV</i>
18.00 (0.709")	19.00 +0.13/-0.00	1.00 +0.00/-0.06	19.50	CCI-01800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J18X1-411, D1300-0180KSF</i>
19.00 (0.748")	20.00 +0.15/-0.00	1.00 +0.00/-0.06	20.50	CCI-01900-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0190, Ellison INTV, Seeger JV</i>
19.00 (0.748")	20.00 +0.13/-0.00	1.00 +0.00/-0.06	20.50	CCI-01900-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J19X1, D1300-0190APP</i>
19.00 (0.748")	20.00 +0.13/-0.00	1.00 +0.00/-0.06	20.50	CCI-01900-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J19X1-411, D1300-0190KSF</i>
19.05 (0.750")	20.22 +/-0.050	0.89 +0.00/-0.06	21.11	CCI-01905-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0075APP, Ellison 9000, MIL-16625</i>
19.05 (0.750")	20.22 +/-0.050	0.89 +0.00/-0.06	21.11	CCI-01905-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0075AZD, Ellison 9000, MIL-16625</i>
19.05 (0.750")	20.22 +/-0.050	0.89 +0.00/-0.06	21.11	CCI-01905-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0075BDS, A 9Y28-75</i>
19.05 (0.750")	20.22 +/-0.050	0.89 +/-0.052	21.11	CCI-01905-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0075, Waldes 5008, MIL 16627</i>
19.74 (0.777")	20.96 +/-0.075	1.07 +0.00/-0.06	21.82	CCI-01974-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0077APP, Ellison 9000, MIL-16625</i>
19.74 (0.777")	20.96 +/-0.075	1.07 +0.00/-0.06	21.82	CCI-01974-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0077AZD, Ellison 9000, MIL-16625</i>
19.74 (0.777")	20.96 +/-0.075	1.07 +0.00/-0.06	21.82	CCI-01974-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0077BDS, Ellison 9000, MIL-16625</i>
20.00 (0.787")	21.00 +0.13/-0.00	1.00 +0.00/-0.06	21.50	CCI-02000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J20X1, D1300-0200APP</i>
20.00 (0.787")	21.00 +0.15/-0.00	1.00 +0.00/-0.06	21.63	CCI-02000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0200, Ellison INTV, Seeger JV</i>
20.00 (0.787")	21.00 +0.13/-0.00	1.00 +0.00/-0.06	21.50	CCI-02000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J20X1-411, D1300-0200KSF</i>
20.00 (0.787")	21.00 +0.15/-0.00	1.50 +0.00/-0.06	21.50	CCI-02000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0200, JS20X2</i>
20.64 (0.813")	21.89 +/-0.075	1.07 +0.00/-0.06	22.89	CCI-02064-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0081AZD, Ellison 9000, MIL-16625</i>
20.64 (0.813")	21.89 +/-0.075	1.07 +0.00/-0.06	22.89	CCI-02064-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0081APP, Ellison 9000, MIL-16625</i>
20.64 (0.813")	21.89 +/-0.075	1.07 +0.00/-0.06	22.89	CCI-02064-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0081BDS, Ellison 9000, MIL-16625</i>
20.64 (0.813")	21.89 +/-0.076	1.07 +/-0.052	22.89	CCI-02063-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0081, Waldes 5008, MIL 16627</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal

Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
21.00 (0.827")	22.00 +0.13/-0.00	1.00 +0.00/-0.06	22.50	CCI-02100-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J21X1, D1300-0210APP</i>
21.00 (0.827")	22.00 +0.13/-0.00	1.00 +0.00/-0.06	22.50	CCI-02100-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J21X1-411, D1300-0210KSF</i>
21.00 (0.827")	22.00 +0.15/-0.00	1.00 +0.00/-0.06	22.50	CCI-02100-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0210, Ellison INTV, Seeger JV</i>
22.00 (0.866")	23.00 +0.15/-0.00	1.00 +0.00/-0.06	23.50	CCI-02200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0220, Ellison INTV, Seeger JV</i>
22.00 (0.866")	23.00 +/-0.075	1.00 +0.00/-0.06	23.50	CCI-02200N-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: D1300-0220APP, Ellison 9000, MIL-16625</i>
22.00 (0.866")	23.00 +/-0.075	1.00 +0.00/-0.06	23.50	CCI-02200N-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0086AZD, Ellison 9000, MIL-16625</i>
22.00 (0.866")	23.00 +0.15/-0.00	1.00 +0.00/-0.06	23.50	CCI-02200-S42-V	Circlips - Internal - Inverted <i>Stainless Steel: M1308-0220KSF, Ellison INTV, Seeger JV</i>
22.00 (0.866")	23.00 +/-0.075	1.00 +0.00/-0.06	23.50	CCI-02200N-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0086BDS, Ellison 9000, MIL-16625</i>
22.00 (0.866")	23.00 +0.15/-0.00	1.50 +0.00/-0.06	24.41	CCI-02200H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0220, JS22X2</i>
22.00 (0.866")	23.37 +0.13/-0.00	1.07 +0.00/-0.06	24.41	CCI-02200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J22X1, D1300-0220APP</i>
22.00 (0.866")	23.37 +0.13/-0.00	1.07 +0.00/-0.06	24.41	CCI-02200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J22X1-411, D1300-0220KSF</i>
22.23 (0.875")	23.65 +/-0.075	1.07 +0.00/-0.06	24.66	CCI-02223-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0087AZD, Ellison 9000, MIL-16625</i>
22.23 (0.875")	23.65 +/-0.075	1.07 +0.00/-0.06	24.66	CCI-02223-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0087BDS, A 9Y28-87</i>
22.23 (0.875")	23.65 +/-0.075	1.07 +0.00/-0.06	24.66	CCI-02223-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0087APP, Ellison 9000, MIL-16625</i>
22.23 (0.875")	23.65 +/-0.076	1.07 +/-0.052	23.98	CCI-02223-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0087, Waldes 5008, MIL 16627</i>
22.89 (0.901")	24.36 +/-0.075	1.07 +0.00/-0.06	25.40	CCI-02289-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0090, Ellison 9000, MIL-16625</i>
22.89 (0.901")	24.36 +/-0.075	1.07 +0.00/-0.06	25.40	CCI-02289-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0090AZD, Ellison 9000, MIL-16625</i>
22.89 (0.901")	24.36 +/-0.075	1.07 +0.00/-0.06	25.40	CCI-02289-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0090BDS, Ellison 9000, MIL-16625</i>
23.00 (0.906")	24.10 +0.21/-0.00	1.20 +0.00/-0.06	24.60	CCI-02300-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J23X1.2, D1300-0230APP</i>
23.00 (0.906")	24.10 +0.21/-0.00	1.20 +0.00/-0.06	24.60	CCI-02300-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J23X1.2-411, D1300-0230KSF</i>
23.81 (0.937")	25.40 +/-0.075	1.07 +0.00/-0.06	26.44	CCI-02381-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0093AZD, Ellison 9000, MIL-16625</i>
23.81 (0.937")	25.40 +/-0.075	1.07 +0.00/-0.06	26.44	CCI-02381-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0093APP, Ellison 9000, MIL-16625</i>
23.81 (0.937")	25.40 +/-0.075	1.07 +0.00/-0.06	26.44	CCI-02381-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0093BDS, Ellison 9000, MIL-16625</i>
23.81 (0.937")	25.40 +/-0.076	1.07 +/-0.052	26.44	CCI-02381-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0093, Waldes 5008, MIL 16627</i>
24.00 (0.945")	25.20 +0.21/-0.00	1.20 +0.00/-0.06	25.90	CCI-02400-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J24X1.2, D1300-0240APP</i>
24.00 (0.945")	25.20 +0.21/-0.00	1.20 +0.00/-0.06	26.11	CCI-02400-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0240, Ellison INTV, Seeger JV</i>
24.00 (0.945")	25.20 +0.21/-0.00	1.20 +0.00/-0.06	25.90	CCI-02400-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J24X1.2-411, D1300-0240KSF</i>
24.00 (0.945")	25.20 +0.21/-0.00	1.50 +0.00/-0.06	25.90	CCI-02400H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0240, JS24X2</i>
25.00 (0.984")	26.20 +0.21/-0.00	1.20 +0.00/-0.06	26.90	CCI-02500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J25X1.2, D1300-0250APP</i>
25.00 (0.984")	26.20 +0.21/-0.00	1.20 +0.00/-0.06	26.90	CCI-02500-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J25X1.2-411, D1300-0250KSF</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
25.00 (0.984")	26.20 +0.21/-0.00	1.20 +0.00/-0.06	26.90	CCI-02500-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0250, Ellison INTV, Seeger JV</i>	
25.00 (0.984")	26.20 +0.21/-0.00	1.50 +0.00/-0.06	26.90	CCI-02500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0250, JS25X2</i>	
25.40 (1.000")	27.08 +/-0.075	1.07 +0.00/-0.06	28.22	CCI-02540-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0100AZD, Ellison 9000, MIL-16625</i>	
25.40 (1.000")	27.08 +/-0.075	1.07 +0.00/-0.06	28.22	CCI-02540-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0100, J1X.047IN</i>	
25.40 (1.000")	27.08 +/-0.075	1.07 +0.00/-0.06	28.22	CCI-02540-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless Steel: N1300-0100BDS, A 9Y28-100</i>	
25.40 (1.000")	27.08 +/-0.076	1.07 +/-0.052	28.22	CCI-02540-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0100, Waldes 5008, MIL 16627</i>	
25.40 (1.000")	27.33 +0.08/-0.00	1.02 +/-0.05	27.97	CIB-02540-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0100, MIL-16631, Ellison 9002</i>	
25.98 (1.023")	27.71 +/-0.075	1.07 +0.00/-0.06	28.85	CCI-02598-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0102AZD, Ellison 9000, MIL-16625</i>	
25.98 (1.023")	27.71 +/-0.075	1.07 +0.00/-0.06	28.85	CCI-02598-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0102APP, Ellison 9000, MIL-16625</i>	
25.98 (1.023")	27.71 +/-0.075	1.07 +0.00/-0.06	28.85	CCI-02598-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0102BDS, Ellison 9000, MIL-16625</i>	
25.98 (1.023")	27.97 +0.08/-0.00	1.02 +/-0.05	28.60	CIB-02598-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0102, MIL-16631, Ellison 9002</i>	
26.00 (1.024")	27.20 +0.21/-0.00	1.20 +0.00/-0.06	27.90	CCI-02600-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J26X1.2, D1300-0260APP</i>	
26.00 (1.024")	27.20 +0.21/-0.00	1.20 +0.00/-0.06	27.90	CCI-02600-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J26X1.2-411, D1300-0260KSF</i>	
26.00 (1.024")	27.20 +0.21/-0.00	1.20 +0.00/-0.06	27.90	CCI-02600-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0260, Ellison INTV, Seeger JV</i>	
26.00 (1.024")	27.20 +0.21/-0.00	1.50 +0.00/-0.06	27.90	CCI-02600H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0260, JS26X2</i>	
26.99 (1.063")	28.70 +/-0.102	1.27 +0.00/-0.06	29.97	CCI-02699-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0106AZD, Ellison 9000, MIL-16625</i>	
26.99 (1.063")	28.70 +/-0.102	1.27 +0.00/-0.06	29.97	CCI-02699-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0106APP, Ellison 9000, MIL-16625</i>	
26.99 (1.063")	28.70 +/-0.102	1.27 +0.00/-0.06	29.97	CCI-02699-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0106BDS, Ellison 9000, MIL-16625</i>	
26.99 (1.063")	28.70 +/-0.102	1.27 +/-0.052	29.97	CCI-02699-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0106, Waldes 5008, MIL 16627</i>	
26.99 (1.063")	28.91 +0.08/-0.00	1.22 +/-0.05	29.46	CIB-02699-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0106, MIL-16631, Ellison 9002</i>	
27.00 (1.063")	28.40 +0.21/-0.00	1.20 +0.00/-0.06	29.10	CCI-02700-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0270, Ellison INTV, Seeger JV</i>	
27.00 (1.063")	28.40 +0.21/-0.00	1.20 +0.00/-0.06	29.10	CCI-02700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J27X1.2, D1300-0270APP</i>	
27.00 (1.063")	28.40 +0.21/-0.00	1.20 +0.00/-0.06	29.10	CCI-02700-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J27X1.2-411, D1300-0270KSF</i>	
27.00 (1.063")	28.40 +0.21/-0.00	1.50 +0.00/-0.06	29.10	CCI-02700H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0270, JS27X2</i>	
28.00 (1.102")	29.40 +0.21/-0.00	1.20 +0.00/-0.06	29.65	CCI-02800-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0280, Ellison INTV, Seeger JV</i>	
28.00 (1.102")	29.40 +0.21/-0.00	1.20 +0.00/-0.06	30.10	CCI-02800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J28X1.2, D1300-0280APP</i>	
28.00 (1.102")	29.40 +0.21/-0.00	1.20 +0.00/-0.06	30.10	CCI-02800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J28X1.2-411, D1300-0280KSF</i>	
28.00 (1.102")	29.40 +0.21/-0.00	1.50 +0.00/-0.06	30.10	CCI-02800H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0280, JS28X2</i>	
28.58 (1.125")	30.40 +/-0.102	1.27 +0.00/-0.06	31.72	CCI-02858-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0112AZD, Ellison 9000, MIL-16625</i>	
28.58 (1.125")	30.40 +/-0.102	1.27 +0.00/-0.06	31.72	CCI-02858-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0112APP, Ellison 9000, MIL-16625</i>	



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
28.58 (1.125")	30.40 +/-0.102	1.27 +0.00/-0.06	31.72	CCI-02858-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0112BDS, Ellison 9000, MIL-16625	
28.58 (1.125")	30.40 +/-0.102	1.27 +/-0.052	31.72	CCI-02858-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0112, Waldes 5008, MIL 16627	
28.58 (1.125")	30.61 +0.10/-0.00	1.22 +/-0.05	31.22	CIB-02858-C	Circlips - Internal - Bevelled Spring Steel: N1302-0112, MIL-16631, Ellison 9002	
29.00 (1.142")	30.40 +0.25/-0.00	1.20 +0.00/-0.06	31.10	CCI-02900-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J29X1.2, D1300-0290APP	
29.00 (1.142")	30.40 +0.25/-0.00	1.20 +0.00/-0.06	31.10	CCI-02900-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J29X1.2-411, D1300-0290KSF	
30.00 (1.181")	31.40 +0.25/-0.00	1.20 +0.00/-0.06	32.10	CCI-03000-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J30X1.2, D1300-0300APP	
30.00 (1.181")	31.40 +0.25/-0.00	1.20 +0.00/-0.06	31.83	CCI-03000-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0300, Ellison INTV, Seeger JV	
30.00 (1.181")	31.40 +0.25/-0.00	1.20 +0.00/-0.06	32.10	CCI-03000-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J30X1.2-411, D1300-0300KSF	
30.00 (1.181")	31.40 +0.25/-0.00	1.50 +0.00/-0.06	32.10	CCI-03000H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0300, JS30X2	
30.16 (1.187")	32.05 +/-0.102	1.27 +0.00/-0.06	33.50	CCI-03016-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0118APP, Ellison 9000, MIL-16625	
30.16 (1.187")	32.05 +/-0.102	1.27 +0.00/-0.06	33.50	CCI-03016-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0118AZD, Ellison 9000, MIL-16625	
30.16 (1.187")	32.05 +/-0.102	1.27 +0.00/-0.06	33.50	CCI-03016-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0118BDS, Ellison 9000, MIL-16625	
30.16 (1.187")	32.05 +/-0.102	1.27 +/-0.052	33.50	CCI-03016-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0118, Waldes 5008, MIL 16627	
30.16 (1.187")	32.31 +0.10/-0.00	1.22 +/-0.05	32.99	CIB-03016-C	Circlips - Internal - Bevelled Spring Steel: N1302-0118, MIL-16631, Ellison 9002	
31.00 (1.220")	32.70 +0.25/-0.00	1.20 +0.00/-0.06	33.40	CCI-03100-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J31X1.2, D1300-0310APP	
31.00 (1.220")	32.70 +0.25/-0.00	1.20 +0.00/-0.06	33.40	CCI-03100-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J31X1.2-411, D1300-0310KSF	
31.75 (1.250")	33.72 +/-0.102	1.27 +0.00/-0.06	35.26	CCI-03175-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0125APP, Ellison 9000, MIL-16625	
31.75 (1.250")	33.72 +/-0.102	1.27 +0.00/-0.06	35.26	CCI-03175-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0125BDS, Ellison 9000, MIL-16625	
31.75 (1.250")	33.72 +/-0.102	1.27 +0.00/-0.06	35.26	CCI-03175-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0125AZD, Ellison 9000, MIL-16625	
31.75 (1.250")	33.78 +/-0.102	1.27 +/-0.052	35.26	CCI-03175-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0125, Waldes 5008, MIL 16627	
31.75 (1.250")	34.09 +0.10/-0.00	1.22 +/-0.05	34.75	CIB-03175-C	Circlips - Internal - Bevelled Spring Steel: N1302-0125, MIL-16631, Ellison 9002	
32.00 (1.260")	33.71 +0.25/-0.00	1.20 +0.00/-0.06	34.40	CCI-03200-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J32X1.2, D1300-0320APP	
32.00 (1.260")	33.71 +0.25/-0.00	1.20 +0.00/-0.06	34.40	CCI-03200-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J32X1.2-411, D1300-0320KSF	
32.00 (1.260")	33.71 +0.25/-0.00	1.20 +0.00/-0.06	34.40	CCI-03200-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0320, Ellison INTV, Seeger JV	
32.00 (1.260")	33.71 +0.25/-0.00	1.50 +0.00/-0.06	34.40	CCI-03200H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0320, JS32X2	
33.00 (1.299")	34.78 +0.25/-0.00	1.20 +0.00/-0.06	35.50	CCI-03300-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J33X1.2, D1300-0330APP	
33.00 (1.299")	34.78 +0.25/-0.00	1.20 +0.00/-0.06	35.50	CCI-03300-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J33X1.2-411, D1300-0330KSF	
33.00 (1.299")	34.78 +0.25/-0.00	1.20 +0.00/-0.06	35.50	CCI-03300-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0330, Ellison INTV, Seeger JV	
33.38 (1.314")	35.46 +/-0.102	1.27 +0.00/-0.06	36.98	CCI-03338-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0131APP, Ellison 9000, MIL-16625	
33.38 (1.314")	35.46 +/-0.102	1.27 +0.00/-0.06	36.98	CCI-03338-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0131AZD, Ellison 9000, MIL-16625	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
33.38 (1.314")	35.46 +/-0.102	1.27 +0.00/-0.06	36.98	CCI-03338-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0131BDS, Ellison 9000, MIL-16625	
33.38 (1.314")	35.46 +/-0.102	1.27 +/-0.052	36.10	CCI-03332-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0131, Waldes 5008, MIL 16627	
33.38 (1.314")	35.76 +0.10/-0.00	1.22 +/-0.05	36.47	CIB-03338-C	Circlips - Internal - Bevelled Spring Steel: N1302-0131, MIL-16631, Ellison 9002	
34.00 (1.339")	35.70 +0.25/-0.00	1.50 +0.00/-0.06	36.50	CCI-03400-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J34X1.5, D1300-0340APP	
34.00 (1.339")	35.70 +0.25/-0.00	1.50 +0.00/-0.06	36.50	CCI-03400-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J34X1.5-411, D1300-0340KSF	
34.00 (1.339")	35.70 +0.25/-0.00	1.75 +0.00/-0.06	36.60	CCI-03400H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0340, JS34X2	
34.93 (1.375")	37.11 +/-0.102	1.27 +0.00/-0.06	38.76	CCI-03493-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0137AZD, Ellison 9000, MIL-16625	
34.93 (1.375")	37.11 +/-0.102	1.27 +0.00/-0.06	38.76	CCI-03493-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0137APP, Ellison 9000, MIL-16625	
34.93 (1.375")	37.11 +/-0.102	1.27 +0.00/-0.06	38.76	CCI-03493-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0137BDS, Ellison 9000, MIL-16625	
34.93 (1.375")	37.11 +/-0.102	1.27 +/-0.052	38.76	CCI-03493-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0137, Waldes 5008, MIL 16627	
34.93 (1.375")	37.54 +0.10/-0.00	1.22 +/-0.05	38.25	CIB-03493-C	Circlips - Internal - Bevelled Spring Steel: N1302-0137, MIL-16631, Ellison 9002	
35.00 (1.378")	37.00 +0.25/-0.00	1.50 +0.00/-0.06	37.80	CCI-03500-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J35X1.5, D1300-0350APP	
35.00 (1.378")	37.00 +0.25/-0.00	1.50 +0.00/-0.06	37.80	CCI-03500-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J35X1.5-411, D1300-0350KSF	
35.00 (1.378")	37.00 +0.25/-0.00	1.50 +0.00/-0.06	37.80	CCI-03500-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0350, Ellison INTV, Seeger JV	
35.00 (1.378")	37.00 +0.25/-0.00	1.75 +0.00/-0.06	37.80	CCI-03500H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0350, JS35X2	
36.00 (1.417")	38.00 +0.25/-0.00	1.50 +0.00/-0.06	38.80	CCI-03600-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J36X1.5, D1300-0360APP	
36.00 (1.417")	38.00 +0.25/-0.00	1.50 +0.00/-0.06	38.80	CCI-03600-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J36X1.5-411, D1300-0360KSF	
36.00 (1.417")	38.00 +0.25/-0.00	1.50 +0.00/-0.06	38.80	CCI-03600-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0360, Ellison INTV, Seeger JV	
36.53 (1.438")	38.81 +/-0.102	1.27 +0.00/-0.06	40.54	CCI-03653-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0143APP, Ellison 9000, MIL-16625	
36.53 (1.438")	38.81 +/-0.102	1.27 +0.00/-0.06	40.54	CCI-03653-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0143AZD, Ellison 9000, MIL-16625	
36.53 (1.438")	38.81 +/-0.102	1.27 +0.00/-0.06	40.54	CCI-03653-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0143BDS, Ellison 9000, MIL-16625	
36.53 (1.438")	38.81 +/-0.102	1.27 +/-0.052	40.54	CCI-03653-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0143, Waldes 5008, MIL 16627	
36.53 (1.438")	39.17 +0.10/-0.00	1.22 +/-0.05	40.03	CIB-03653-C	Circlips - Internal - Bevelled Spring Steel: N1302-0143, MIL-16631, Ellison 9002	
36.98 (1.456")	39.32 +/-0.102	1.27 +0.00/-0.06	41.05	CCI-03698-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0145APP, Ellison 9000, MIL-16625	
36.98 (1.456")	39.67 +0.10/-0.00	1.22 +/-0.05	40.54	CIB-03698-C	Circlips - Internal - Bevelled Spring Steel: N1302-0145, MIL-16631, Ellison 9002	
37.00 (1.457")	39.00 +0.25/-0.00	1.50 +0.00/-0.06	39.80	CCI-03700-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J37X1.5, D1300-0370APP	
37.00 (1.457")	39.00 +0.25/-0.00	1.50 +0.00/-0.06	39.80	CCI-03700-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J37X1.5-411, D1300-0370KSF	
37.00 (1.457")	39.00 +0.25/-0.00	1.75 +0.00/-0.06	39.80	CCI-03700H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0370, JS37X2	
38.00 (1.496")	40.00 +0.25/-0.00	1.50 +0.00/-0.06	40.80	CCI-03800-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J38X1.5, D1300-0380APP	
38.00 (1.496")	40.00 +0.25/-0.00	1.50 +0.00/-0.06	40.80	CCI-03800-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J38X1.5-411, D1300-0380KSF	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production


Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
38.00 (1.496")	40.00 +0.25/-0.00	1.50 +0.00/-0.06	40.80	CCI-03800-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0380, Ellison INTV, Seeger JV</i>	
38.00 (1.496")	40.00 +0.25/-0.00	1.75 +0.00/-0.06	40.80	CCI-03800H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0380, JS38X2</i>	
38.10 (1.500")	40.49 +/-0.102	1.27 +0.00/-0.06	42.16	CCI-03810-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0150APP, Ellison 9000, MIL-16625</i>	
38.10 (1.500")	40.49 +/-0.102	1.27 +0.00/-0.06	42.16	CCI-03810-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0150AZD, Ellison 9000, MIL-16625</i>	
38.10 (1.500")	40.49 +/-0.102	1.27 +0.00/-0.06	42.16	CCI-03810-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0150BDS, Ellison 9000, MIL-16625</i>	
38.10 (1.500")	40.49 +/-0.102	1.27 +/-0.052	42.16	CCI-03810-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0150, Waldes 5008, MIL 16627</i>	
38.10 (1.500")	40.74 +0.10/-0.00	1.19 +/-0.08	41.81	CIB-03810-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0150, MIL-16631, Ellison 9002</i>	
39.00 (1.535")	41.00 +0.25/-0.00	1.50 +0.00/-0.06	42.00	CCI-03900-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J39X1.5, D1300-0390APP</i>	
39.67 (1.562")	42.11 +/-0.127	1.57 +0.00/-0.06	44.04	CCI-03967-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0156APP, Ellison 9000, MIL-16625</i>	
39.67 (1.562")	42.11 +/-0.127	1.57 +0.00/-0.06	44.04	CCI-03967-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0156AZD, Ellison 9000, MIL-16625</i>	
39.67 (1.562")	42.11 +/-0.127	1.57 +0.00/-0.06	44.04	CCI-03967-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0156BDS, Ellison 9000, MIL-16625</i>	
39.67 (1.562")	42.11 +/-0.127	1.57 +/-0.076	44.04	CCI-03967-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0156, Waldes 5008, MIL 16627</i>	
39.67 (1.562")	42.52 +0.13/-0.00	1.50 +/-0.08	43.41	CIB-03967-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0156, MIL-16631, Ellison 9002</i>	
40.00 (1.575")	42.50 +0.25/-0.00	1.75 +0.00/-0.06	43.50	CCI-04000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J40X1.75, D1300-0400APP</i>	
40.00 (1.575")	42.50 +0.25/-0.00	1.75 +0.00/-0.06	43.50	CCI-04000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0400, Ellison INTV, Seeger JV</i>	
40.00 (1.575")	42.50 +0.25/-0.00	1.75 +0.00/-0.06	43.50	CCI-04000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J40X1.75-411, D1300-0400KSF</i>	
40.00 (1.575")	42.50 +0.25/-0.00	2.00 +0.00/-0.06	43.50	CCI-04000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0400, JS40X2</i>	
40.01 (1.575")	42.85 +0.13/-0.00	1.50 +/-0.08	43.41	CIB-04001-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0157, MIL-16631, Ellison 9002</i>	
41.00 (1.614")	43.50 +0.25/-0.00	1.75 +0.00/-0.06	44.50	CCI-04100-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J41X1.75, D1300-0410APP</i>	
41.00 (1.614")	43.50 +0.25/-0.00	1.75 +0.00/-0.06	44.50	CCI-04100-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J41X1.75-411, D1300-0410KSF</i>	
41.28 (1.625")	43.82 +/-0.127	1.57 +0.00/-0.06	45.82	CCI-04128-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0162APP, Ellison 9000, MIL-16625</i>	
41.28 (1.625")	43.82 +/-0.127	1.57 +0.00/-0.06	45.82	CCI-04128-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0162AZD, Ellison 9000, MIL-16625</i>	
41.28 (1.625")	43.82 +/-0.127	1.57 +0.00/-0.06	45.82	CCI-04128-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0162BDS, Ellison 9000, MIL-16625</i>	
41.28 (1.625")	43.82 +/-0.127	1.57 +/-0.076	45.82	CCI-04128-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0162, Waldes 5008, MIL 16627</i>	
41.28 (1.625")	44.27 +0.13/-0.00	1.50 +/-0.08	45.19	CIB-04128-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0162, MIL-16631, Ellison 9002</i>	
41.99 (1.653")	44.46 +/-0.127	1.57 +0.00/-0.06	46.61	CCI-04199-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0165APP, Ellison 9000, MIL-16625</i>	
41.99 (1.653")	44.46 +/-0.127	1.57 +0.00/-0.06	46.61	CCI-04199-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0165BDS, Ellison 9000, MIL-16625</i>	
41.99 (1.653")	45.03 +0.13/-0.00	1.50 +/-0.08	45.97	CIB-04199-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0165, MIL-16631, Ellison 9002</i>	
42.00 (1.654")	44.45 +0.25/-0.00	1.75 +0.00/-0.06	45.50	CCI-04200-C	Circlips - Internal - Standard - Stainless Steel <i>Carbon Spring Steel. Phosphate and oil finish: J42X1.75, D1300-0420APP</i>	
42.00 (1.654")	44.45 +0.25/-0.00	1.75 +0.00/-0.06	45.50	CCI-04200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0420, Ellison INTV, Seeger JV</i>	

Stocked or Short Delivery


Usually Available Short Delivery

Long delivery or not in current production


Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
42.00 (1.654")	44.45 +0.25/-0.00	1.75 +0.00/-0.06	45.50	CCI-04200-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J42X1.75-411, D1300-0420KSF	
42.00 (1.654")	44.45 +0.25/-0.00	2.00 +0.00/-0.06	45.50	CCI-04200H-C	Circlips - Internal - Standard - Stainless Steel Carbon Spring Steel: D1360-0420, JS42X2	
42.86 (1.687")	45.52 +/-0.127	1.57 +0.00/-0.06	47.60	CCI-04286-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0168, Ellison 9000, MIL-16625	
42.86 (1.687")	45.52 +/-0.127	1.57 +0.00/-0.06	47.60	CCI-04286-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless Steel: N1300-0168BDS, Ellison 9000, MIL-16625	
42.86 (1.687")	45.52 +/-0.127	1.57 +/-0.076	47.60	CCI-04288-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0168, Waldes 5008, MIL 16627	
42.86 (1.687")	45.97 +0.13/-0.00	1.50 +/-0.08	46.96	CIB-04286-C	Circlips - Internal - Bevelled Spring Steel: N1302-0168, MIL-16631, Ellison 9002	
43.00 (1.693")	45.50 +0.25/-0.00	1.75 +0.00/-0.06	46.50	CCI-04300-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: J43X1.75, D1300-0430APP	
44.00 (1.732")	46.50 +0.25/-0.00	1.75 +0.00/-0.06	47.50	CCI-04400-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: J44X1.75, D1300-0440APP	
44.45 (1.750")	47.19 +/-0.127	1.57 +0.00/-0.06	49.33	CCI-04445-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0175BDS, Ellison 9000, MIL-16625	
44.45 (1.750")	47.19 +/-0.127	1.57 +0.00/-0.06	49.33	CCI-04445-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0175APP, Ellison 9000, MIL-16625	
44.45 (1.750")	47.19 +/-0.127	1.57 +0.00/-0.06	49.33	CCI-04445-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0175AZD, Ellison 9000, MIL-16625	
44.45 (1.750")	47.19 +/-0.127	1.57 +/-0.076	49.33	CCI-04445-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0175, Waldes 5008, MIL 16627	
44.45 (1.750")	47.70 +0.13/-0.00	1.50 +/-0.08	48.69	CIB-04445-C	Circlips - Internal - Bevelled Spring Steel: N1302-0175, MIL-16631, Ellison 9002	
45.00 (1.772")	47.50 +0.25/-0.00	1.75 +0.00/-0.06	48.50	CCI-04500-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J45X1.75, D1300-0450APP	
45.00 (1.772")	47.50 +0.25/-0.00	1.75 +0.00/-0.06	48.50	CCI-04500-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0450, Ellison INTV, Seeger JV	
45.00 (1.772")	47.50 +0.25/-0.00	1.75 +0.00/-0.06	48.50	CCI-04500-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J45X1.75-411, D1300-0450KSF	
45.00 (1.772")	47.50 +0.25/-0.00	2.00 +0.00/-0.07	48.50	CCI-04500H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0450, JS45X2	
46.00 (1.811")	48.50 +0.25/-0.00	1.75 +0.00/-0.06	49.50	CCI-04600-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J46X1.75, D1300-0460APP	
46.04 (1.813")	48.82 +/-0.127	1.57 +0.00/-0.06	51.10	CCI-04604-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0181APP, Ellison 9000, MIL-16625	
46.04 (1.813")	48.82 +/-0.127	1.57 +0.00/-0.06	51.10	CCI-04604-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0181AZD, Ellison 9000, MIL-16625	
46.04 (1.813")	48.82 +/-0.127	1.57 +0.00/-0.06	51.10	CCI-04604-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0181BDS, Ellison 9000, MIL-16625	
46.04 (1.813")	49.38 +0.13/-0.00	1.50 +/-0.08	50.47	CIB-04604-C	Circlips - Internal - Bevelled Spring Steel: N1302-0181, MIL-16631, Ellison 9002	
46.99 (1.850")	49.83 +/-0.127	1.57 +0.00/-0.06	52.17	CCI-04699-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0185APP, Ellison 9000, MIL-16625	
46.99 (1.850")	49.83 +/-0.127	1.57 +0.00/-0.06	52.17	CCI-04699-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0185BDS, Ellison 9000, MIL-16625	
46.99 (1.850")	50.39 +0.13/-0.00	1.50 +/-0.08	51.54	CIB-04699-C	Circlips - Internal - Bevelled Spring Steel: N1302-0185, MIL-16631, Ellison 9002	
47.00 (1.850")	49.50 +0.25/-0.00	1.75 +0.00/-0.06	50.50	CCI-04700-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J47X1.75, D1300-0470APP	
47.00 (1.850")	49.50 +0.25/-0.00	1.75 +0.00/-0.06	50.50	CCI-04700-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J47X1.75-411, D1300-0470KSF	
47.00 (1.850")	49.50 +0.25/-0.00	1.75 +0.00/-0.06	50.50	CCI-04700-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0470, Ellison INTV, Seeger JV	
47.00 (1.850")	49.50 +0.25/-0.00	2.00 +0.00/-0.07	50.50	CCI-04700H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0470, JS47X2	
47.63 (1.875")	50.52 +/-0.127	1.57 +0.00/-0.06	52.63	CCI-04763-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0187APP, Ellison 9000, MIL-16625	

 Stocked or Short Delivery


 Usually Available Short Delivery

 Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
47.63 (1.875")	50.52 +/-0.127	1.57 +0.00/-0.06	52.63	CCI-04763-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0187AZD, Ellison 9000, MIL-16625</i>	
47.63 (1.875")	50.52 +/-0.127	1.57 +0.00/-0.06	52.63	CCI-04763-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0187BDS, Ellison 9000, MIL-16625</i>	
47.63 (1.875")	50.52 +/-0.127	1.57 +/-0.076	52.63	CCI-04763-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0187, Waldes 5008, MIL 16627</i>	
47.63 (1.875")	51.08 +0.13/-0.00	1.50 +/-0.08	51.54	CIB-04763-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0187, MIL-16631, Ellison 9002</i>	
48.00 (1.890")	50.50 +0.30/-0.00	1.75 +0.00/-0.06	51.50	CCI-04800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J48X1.75, D1300-0480APP</i>	
48.00 (1.890")	50.50 +0.30/-0.00	1.75 +0.00/-0.07	51.50	CCI-04800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J48X1.75-411, D1300-0480KSF</i>	
48.00 (1.890")	50.50 +0.30/-0.00	1.75 +0.00/-0.06	51.50	CCI-04800-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0480, Ellison INTV, Seeger JV</i>	
49.00 (1.929")	51.50 +0.30/-0.00	1.75 +0.00/-0.07	52.50	CCI-04900-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J49X1.75, D1300-0490APP</i>	
49.23 (1.938")	52.22 +/-0.127	1.57 +0.00/-0.07	54.38	CCI-04923-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0193APP, Ellison 9000, MIL-16625</i>	
49.23 (1.938")	52.22 +/-0.127	1.57 +0.00/-0.07	54.38	CCI-04923-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0193BDS, Ellison 9000, MIL-16625</i>	
49.23 (1.938")	52.88 +0.13/-0.00	1.50 +/-0.08	53.75	CIB-04923-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0193, MIL-16631, Ellison 9002</i>	
50.00 (1.969")	53.00 +0.30/-0.00	2.00 +0.00/-0.07	54.20	CCI-05000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J50X2, D1300-0500APP</i>	
50.00 (1.969")	53.00 +0.30/-0.00	2.00 +0.00/-0.07	54.20	CCI-05000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J50X2-411, D1300-0500KSF</i>	
50.00 (1.969")	53.00 +0.30/-0.00	2.00 +0.00/-0.07	54.20	CCI-05000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0500, Ellison INTV, Seeger JV</i>	
50.00 (1.969")	53.00 +0.30/-0.00	2.50 +0.00/-0.07	54.20	CCI-05000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0500, JS50X3</i>	
50.80 (2.000")	53.90 +/-0.127	1.57 +0.00/-0.07	56.13	CCI-05080-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0200BDS, Ellison 9000, MIL-16625</i>	
50.80 (2.000")	53.90 +/-0.127	1.57 +0.00/-0.07	56.13	CCI-05080-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0200APP, Ellison 9000, MIL-16625</i>	
50.80 (2.000")	53.90 +/-0.127	1.57 +0.00/-0.07	56.13	CCI-05080-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0200AZD, Ellison 9000, MIL-16625</i>	
50.80 (2.000")	53.90 +/-0.127	1.57 +/-0.076	56.13	CCI-05080-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0200, Waldes 5008, MIL 16627</i>	
50.80 (2.000")	54.46 +0.13/-0.00	1.50 +/-0.08	55.50	CIB-05080-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0200, MIL-16631, Ellison 9002</i>	
51.00 (2.008")	54.00 +0.30/-0.00	2.00 +0.00/-0.07	55.20	CCI-05100-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J51X2, D1300-0510APP</i>	
51.00 (2.008")	54.00 +0.30/-0.00	2.00 +0.00/-0.07	55.20	CCI-05100-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J51X2-411, D1300-0510KSF</i>	
51.99 (2.047")	55.75 +0.13/-0.00	1.91 +/-0.08	57.15	CIB-05199-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0204, MIL-16631, Ellison 9002</i>	
52.00 (2.047")	55.00 +0.30/-0.00	2.00 +0.00/-0.07	56.20	CCI-05200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J52X2, D1300-0520APP</i>	
52.00 (2.047")	55.00 +0.30/-0.00	2.00 +0.00/-0.07	56.20	CCI-05200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J52X2-411, D1300-0520KSF</i>	
52.00 (2.047")	55.00 +0.30/-0.00	2.00 +0.00/-0.07	56.20	CCI-05200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0520, Ellison INTV, Seeger JV</i>	
52.00 (2.047")	55.00 +0.30/-0.00	2.50 +0.00/-0.07	56.20	CCI-05200H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0520, JS52X3</i>	
52.39 (2.063")	55.52 +/-0.152	1.98 +0.00/-0.07	57.91	CCI-05239-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0206APP, Ellison 9000, MIL-16625</i>	
52.39 (2.063")	55.52 +/-0.152	1.98 +0.00/-0.07	57.91	CCI-05239-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0206AZD, Ellison 9000, MIL-16625</i>	
52.39 (2.063")	55.52 +/-0.152	1.98 +0.00/-0.07	57.91	CCI-05239-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0206BDS, Ellison 9000, MIL-16625</i>	

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
52.39 (2.063")	55.52 +/-0.152	1.98 +/-0.076	57.91	CCI-05239-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0206, Walde 5008, MIL 16627</i>	
52.39 (2.063")	56.13 +0.15/-0.00	1.91 +/-0.08	57.15	CIB-05239-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0206, MIL-16631, Ellison 9002</i>	
53.00 (2.087")	56.00 +0.30/-0.00	2.00 +0.00/-0.07	57.20	CCI-05300-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J53X2, D1300-0530APP</i>	
53.98 (2.125")	57.18 +/-0.152	1.98 +0.00/-0.07	59.69	CCI-05398-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0212APP, Ellison 9000, MIL-16625</i>	
53.98 (2.125")	57.18 +/-0.152	1.98 +0.00/-0.07	59.69	CCI-05398-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0212AZD, Ellison 9000, MIL-16625</i>	
53.98 (2.125")	57.18 +/-0.152	1.98 +0.00/-0.07	59.69	CCI-05398-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0212BDS, Ellison 9000, MIL-16625</i>	
53.98 (2.125")	57.18 +/-0.152	1.98 +/-0.076	59.69	CCI-05398-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0212, Walde 5008, MIL 16627</i>	
53.98 (2.125")	57.89 +0.15/-0.00	1.91 +/-0.08	58.93	CIB-05398-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0212, MIL-16631, Ellison 9002</i>	
54.00 (2.126")	57.00 +0.30/-0.00	2.00 +0.00/-0.07	58.20	CCI-05400-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J54X2, D1300-0540APP</i>	
54.00 (2.126")	57.00 +0.30/-0.00	2.00 +0.00/-0.07	58.20	CCI-05400-S42	Circlips - Internal - Standard - Stainless Steel <i>Stainless Steel: J54X2-411, D1300-0540KSF</i>	
54.99 (2.165")	59.11 +0.15/-0.00	1.91 +/-0.08	60.58	CIB-05499-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0216, MIL-16631, Ellison 9002</i>	
55.00 (2.165")	58.00 +0.30/-0.00	2.00 +0.00/-0.07	59.20	CCI-05500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J55X2, D1300-0550APP</i>	
55.00 (2.165")	58.00 +0.30/-0.00	2.00 +0.00/-0.07	59.20	CCI-05500-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J55X2-411, D1300-0550KSF</i>	
55.00 (2.165")	58.00 +0.30/-0.00	2.00 +0.00/-0.07	59.20	CCI-05500-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0550, Ellison INTV, Seeger JV</i>	
55.00 (2.165")	58.00 +0.30/-0.00	2.50 +0.00/-0.07	59.20	CCI-05500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0550, JS55X3</i>	
55.58 (2.188")	58.88 +/-0.152	1.98 +0.00/-0.07	61.34	CCI-05558-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0218APP, Ellison 9000, MIL-16625</i>	
55.58 (2.188")	58.88 +/-0.152	1.98 +0.00/-0.07	61.34	CCI-05558-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0218BDS, Ellison 9000, MIL-16625</i>	
55.58 (2.188")	59.69 +0.15/-0.00	1.91 +/-0.08	60.58	CIB-05558-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0218, MIL-16631, Ellison 9002</i>	
56.00 (2.205")	59.00 +0.30/-0.00	2.00 +0.00/-0.07	60.20	CCI-05600-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J56X2, D1300-0560APP</i>	
56.00 (2.205")	59.00 +0.30/-0.00	2.00 +0.00/-0.07	60.20	CCI-05600-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J56X2-411, D1300-0560KSF</i>	
57.00 (2.244")	60.00 +0.30/-0.00	2.00 +0.00/-0.07	62.20	CCI-05700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J57X2, D1300-0570APP</i>	
57.00 (2.244")	60.00 +0.30/-0.00	2.00 +0.00/-0.07	61.20	CCI-05700-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0570, Ellison INTV, Seeger JV</i>	
57.00 (2.244")	60.00 +0.30/-0.00	2.00 +0.00/-0.07	62.20	CCI-05700-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J57X2-411, D1300-0570KSF</i>	
57.15 (2.250")	60.50 +/-0.152	1.98 +0.00/-0.07	63.25	CCI-05715-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0225APP, Ellison 9000, MIL-16625</i>	
57.15 (2.250")	60.50 +/-0.152	1.98 +0.00/-0.07	63.25	CCI-05715-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0225AZD, Ellison 9000, MIL-16625</i>	
57.15 (2.250")	60.50 +/-0.152	1.98 +0.00/-0.07	63.25	CCI-05715-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0225BDS, Ellison 9000, MIL-16625</i>	
57.15 (2.250")	61.47 +0.15/-0.00	1.91 +/-0.08	62.48	CIB-05715-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0225, MIL-16631, Ellison 9002</i>	
58.00 (2.283")	61.00 +0.30/-0.00	2.00 +0.00/-0.07	62.20	CCI-05800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J58X2, D1300-0580APP</i>	
58.00 (2.283")	61.00 +0.30/-0.00	2.00 +0.00/-0.07	62.20	CCI-05800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J58X2-411, D1300-0580KSF</i>	
58.00 (2.283")	61.00 +0.30/-0.00	2.00 +0.00/-0.07	62.20	CCI-05800-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0580, Ellison INTV, Seeger JV</i>	



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
58.74 (2.313")	62.23 +/-0.152	1.98 +0.00/-0.07	65.02	CCI-05874-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0231BDS, Ellison 9000, MIL-16625</i>	
58.74 (2.313")	62.23 +/-0.152	1.98 +0.00/-0.07	65.02	CCI-05874-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0231APP, Ellison 9000, MIL-16625</i>	
58.74 (2.313")	62.23 +/-0.152	1.98 +0.00/-0.07	65.02	CCI-05874-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0231BDS, Ellison 9000, MIL-16625</i>	
58.74 (2.313")	63.01 +0.15/-0.00	1.91 +/-0.08	63.63	CIB-05874-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0231, MIL-16631, Ellison 9002</i>	
60.00 (2.362")	63.00 +0.30/-0.00	2.00 +0.00/-0.07	64.20	CCI-06000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J60X2, D1300-0600APP</i>	
60.00 (2.362")	63.00 +0.30/-0.00	2.00 +0.00/-0.07	64.20	CCI-06000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J60X2-411, D1300-0600KSF</i>	
60.00 (2.362")	63.00 +0.30/-0.00	2.00 +0.00/-0.07	64.20	CCI-06000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0600, Ellison INTV, Seeger JV</i>	
60.00 (2.362")	63.00 +0.30/-0.00	3.00 +0.00/-0.08	64.20	CCI-06000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0600, JS60X3</i>	
60.33 (2.375")	63.93 +/-0.152	1.98 +0.00/-0.07	66.80	CCI-06033-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0237APP, Ellison 9000, MIL-16625</i>	
60.33 (2.375")	63.93 +/-0.152	1.98 +0.00/-0.07	66.80	CCI-06033-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0237AZD, Ellison 9000, MIL-16625</i>	
60.33 (2.375")	63.93 +/-0.152	1.98 +0.00/-0.07	66.80	CCI-06033-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0237BDS, Ellison 9000, MIL-16625</i>	
60.33 (2.375")	63.93 +/-0.152	1.98 +/-0.076	66.80	CCI-06033-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0237, Waldes 5008, MIL 16627</i>	
60.33 (2.375")	64.78 +0.15/-0.00	1.91 +/-0.08	66.04	CIB-06033-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0237, MIL-16631, Ellison 9002</i>	
61.98 (2.440")	65.63 +/-0.152	1.98 +0.00/-0.07	68.63	CCI-06198-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0244AZD, Ellison 9000, MIL-16625</i>	
61.98 (2.440")	65.63 +/-0.152	1.98 +0.00/-0.07	68.63	CCI-06198-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0244APP, Ellison 9000, MIL-16625</i>	
61.98 (2.440")	65.63 +/-0.152	1.98 +0.00/-0.07	68.63	CCI-06198-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0244BDS, Ellison 9000, MIL-16625</i>	
61.98 (2.440")	65.63 +/-0.152	1.98 +/-0.076	68.63	CCI-06198-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0243, Waldes 5008, MIL 16627</i>	
61.98 (2.440")	66.50 +0.15/-0.00	1.91 +/-0.08	67.87	CIB-06198-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0244, MIL-16631, Ellison 9002</i>	
62.00 (2.441")	65.00 +0.30/-0.00	2.00 +0.00/-0.07	66.20	CCI-06200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J62X2, D1300-0620APP</i>	
62.00 (2.441")	65.00 +0.30/-0.00	2.00 +0.00/-0.07	66.20	CCI-06200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J62X2-411, D1300-0620KSF</i>	
62.00 (2.441")	65.00 +0.30/-0.00	2.00 +0.00/-0.07	66.20	CCI-06200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0620, Ellison INTV, Seeger JV</i>	
62.00 (2.441")	65.00 +0.30/-0.00	3.00 +0.00/-0.08	66.20	CCI-06200H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0620, JS62X3</i>	
63.00 (2.480")	66.00 +0.30/-0.00	2.00 +0.00/-0.07	67.20	CCI-06300-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J63X2, D1300-0630APP</i>	
63.00 (2.480")	66.00 +0.30/-0.00	2.00 +0.00/-0.07	67.20	CCI-06300-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J63X2-411, D1300-0630KSF</i>	
63.50 (2.500")	67.26 +/-0.152	1.98 +0.00/-0.07	70.49	CCI-06350-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0250APP, Ellison 9000, MIL-16625</i>	
63.50 (2.500")	67.26 +/-0.152	1.98 +0.00/-0.07	70.49	CCI-06350-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0250AZD, Ellison 9000, MIL-16625</i>	
63.50 (2.500")	67.26 +/-0.152	1.98 +0.00/-0.07	70.49	CCI-06350-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0250BDS, Ellison 9000, MIL-16625</i>	
63.50 (2.500")	67.26 +/-0.152	1.98 +/-0.076	70.49	CCI-06350-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0250, Waldes 5008, MIL 16627</i>	
63.50 (2.500")	68.17 +0.15/-0.00	1.91 +/-0.08	69.72	CIB-06350-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0250, MIL-16631, Ellison 9002</i>	
64.00 (2.520")	67.00 +0.30/-0.00	2.00 +0.00/-0.07	68.20	CCI-06400-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J64X2, D1300-0640APP</i>	



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
64.00 (2.520")	67.00 +0.30/-0.00	2.00 +0.00/-0.07	68.20	CCI-06400-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J64X2-411, D1300-0640KSF	
64.00 (2.520")	67.00 +0.30/-0.00	3.00 +0.00/-0.08	68.20	CCI-06400H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0640, JS64X3	
64.29 (2.531")	69.01 +0.15/-0.00	1.91 +/-0.08	69.72	CIB-06429-C	Circlips - Internal - Bevelled Spring Steel: N1302-0253, MIL-16631, Ellison 9002	
65.00 (2.559")	68.00 +0.30/-0.00	2.50 +0.00/-0.07	69.20	CCI-06500-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J65X2.5, D1300-0650APP	
65.00 (2.559")	68.00 +0.30/-0.00	2.50 +0.00/-0.07	69.20	CCI-06500-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J65X2.5-411, D1300-0650KSF	
65.00 (2.559")	68.00 +0.30/-0.00	2.50 +0.00/-0.07	69.20	CCI-06500-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0650, Ellison INTV, Seeger JV	
65.00 (2.559")	68.00 +0.30/-0.00	3.00 +0.00/-0.08	69.20	CCI-06500H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0650, JS65X3	
65.07 (2.562")	68.94 +/-0.152	2.36 +0.00/-0.07	72.24	CCI-06507-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0256AZD, Ellison 9000, MIL-16625	
65.07 (2.562")	68.94 +/-0.152	2.36 +0.00/-0.07	72.24	CCI-06507-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0256APP, Ellison 9000, MIL-16625	
65.07 (2.562")	68.94 +/-0.152	2.36 +0.00/-0.07	72.24	CCI-06507-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0256BDS, Ellison 9000, MIL-16625	
65.07 (2.562")	69.85 +0.15/-0.00	2.29 +/-0.08	71.48	CIB-06507-C	Circlips - Internal - Bevelled Spring Steel: N1302-0256, MIL-16631, Ellison 9002	
66.68 (2.625")	70.64 +/-0.152	2.36 +0.00/-0.07	73.91	CCI-06668-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0262APP, Ellison 9000, MIL-16625	
66.68 (2.625")	70.64 +/-0.152	2.36 +0.00/-0.07	73.91	CCI-06668-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0262BDS, Ellison 9000, MIL-16625	
66.68 (2.625")	70.64 +/-0.152	2.36 +/-0.076	73.91	CCI-06668-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0262, Waldes 5008, MIL 16627	
66.68 (2.625")	71.63 +0.15/-0.00	2.29 +/-0.08	73.15	CIB-06668-C	Circlips - Internal - Bevelled Spring Steel: N1302-0262, MIL-16631, Ellison 9002	
67.00 (2.638")	70.00 +0.30/-0.00	2.50 +0.00/-0.07	72.50	CCI-06700-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J67X2.5, D1300-0670APP	
67.00 (2.638")	70.00 +0.30/-0.00	2.50 +0.00/-0.07	71.50	CCI-06700-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0670, Ellison INTV, Seeger JV	
67.00 (2.638")	70.00 +0.30/-0.00	2.50 +0.00/-0.07	72.50	CCI-06700-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J67X2.5-411, D1300-0670KSF	
68.00 (2.677")	71.00 +0.30/-0.00	2.50 +0.00/-0.07	72.50	CCI-06800-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0680, Ellison INTV, Seeger JV	
68.00 (2.677")	71.00 +0.30/-0.00	2.50 +0.00/-0.07	72.50	CCI-06800-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J68X2.5, D1300-0680APP	
68.00 (2.677")	71.00 +0.30/-0.00	2.50 +0.00/-0.07	72.50	CCI-06800-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J68X2.5-411, D1300-0680KSF	
68.00 (2.677")	71.00 +0.30/-0.00	3.00 +0.00/-0.08	72.50	CCI-06800H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0680, JS68X3	
68.00 (2.677")	73.05 +0.15/-0.00	2.29 +/-0.08	74.93	CIB-06800-C	Circlips - Internal - Bevelled Spring Steel: N1302-0267, MIL-16631, Ellison 9002	
68.26 (2.687")	72.34 +/-0.152	2.36 +0.00/-0.07	75.69	CCI-06826-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0268APP, Ellison 9000, MIL-16625	
68.26 (2.687")	72.34 +/-0.152	2.36 +0.00/-0.07	75.69	CCI-06826-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0268AZD, Ellison 9000, MIL-16625	
68.26 (2.687")	72.34 +/-0.152	2.36 +0.00/-0.07	75.69	CCI-06826-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0268BDS, Ellison 9000, MIL-16625	
68.26 (2.687")	73.33 +0.15/-0.00	2.29 +/-0.08	74.93	CIB-06826-C	Circlips - Internal - Bevelled Spring Steel: N1302-0268, MIL-16631, Ellison 9002	
69.85 (2.750")	74.02 +/-0.152	2.36 +0.00/-0.07	77.47	CCI-06985-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0275APP, Ellison 9000, MIL-16625	
69.85 (2.750")	74.02 +/-0.152	2.36 +0.00/-0.07	77.47	CCI-06985-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0275BDS, Ellison 9000, MIL-16625	
69.85 (2.750")	74.02 +/-0.152	2.36 +/-0.076	77.47	CCI-06985-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0275, Waldes 5008, MIL 16627	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
69.85 (2.750")	75.06 +0.15/-0.00	2.29 +/-0.08	76.71	CIB-06985-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0275, MIL-16631, Ellison 9002</i>	
70.00 (2.756")	73.00 +0.30/-0.00	2.50 +0.00/-0.07	74.50	CCI-07000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J70X2.5, D1300-0700APP</i>	
70.00 (2.756")	73.00 +0.30/-0.00	2.50 +0.00/-0.07	74.50	CCI-07000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J70X2.5-411, D1300-0700KSF</i>	
70.00 (2.756")	73.00 +0.30/-0.00	3.00 +0.00/-0.08	74.50	CCI-07000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0700, JS70X3</i>	
71.42 (2.812")	75.69 +/-0.152	2.36 +0.00/-0.07	79.27	CCI-07142-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0281APP, Ellison 9000, MIL-16625</i>	
71.42 (2.812")	75.69 +/-0.152	2.36 +0.00/-0.07	79.27	CCI-07142-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0281AZD, Ellison 9000, MIL-16625</i>	
71.42 (2.812")	75.69 +/-0.152	2.36 +0.00/-0.07	79.27	CCI-07142-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0281BDS, Ellison 9000, MIL-16625</i>	
71.42 (2.812")	76.35 +/-0.152	2.36 +/-0.076	79.27	CCI-07142-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0281, Waldes 5008, MIL 16627</i>	
71.42 (2.812")	76.71 +0.15/-0.00	2.29 +/-0.08	78.51	CIB-07142-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0281, MIL-16631, Ellison 9002</i>	
72.00 (2.835")	75.00 +0.30/-0.00	2.50 +0.00/-0.07	76.50	CCI-07200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J72X2.5, D1300-0720APP</i>	
72.00 (2.835")	75.00 +0.30/-0.00	2.50 +0.00/-0.07	76.50	CCI-07200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J72X2.5-411, D1300-0720KSF</i>	
72.00 (2.835")	75.00 +0.30/-0.00	2.50 +0.00/-0.07	76.50	CCI-07200-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0720, Ellison INTV, Seeger JV</i>	
72.00 (2.835")	75.00 +0.30/-0.00	3.00 +0.00/-0.08	76.50	CCI-07200H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0720, JS72X3</i>	
72.01 (2.835")	77.29 +0.15/-0.00	2.29 +/-0.08	78.51	CIB-07201-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0283, MIL-16631, Ellison 9002</i>	
73.03 (2.875")	77.50 +/-0.152	2.36 +0.00/-0.07	81.05	CCI-07303-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0287APP, Ellison 9000, MIL-16625</i>	
73.03 (2.875")	77.50 +/-0.152	2.36 +0.00/-0.07	81.05	CCI-07303-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0287AZD, Ellison 9000, MIL-16625</i>	
73.03 (2.875")	77.50 +/-0.152	2.36 +/-0.076	81.05	CCI-07303-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0283, Waldes 5008, MIL 16627</i>	
73.03 (2.875")	77.50 +/-0.152	2.36 +0.00/-0.07	81.05	CCI-07303-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0287BDS, Ellison 9000, MIL-16625</i>	
73.03 (2.875")	78.36 +0.15/-0.00	2.29 +/-0.08	80.29	CIB-07303-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0287, MIL-16631, Ellison 9002</i>	
75.00 (2.953")	78.00 +0.30/-0.00	2.50 +0.00/-0.07	79.50	CCI-07500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J75X2.5, D1300-0750APP</i>	
75.00 (2.953")	78.00 +0.30/-0.00	2.50 +0.00/-0.07	79.50	CCI-07500-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J75X2.5-411, D1300-0750KSF</i>	
75.00 (2.953")	78.00 +0.30/-0.00	2.50 +0.00/-0.07	79.50	CCI-07500-CZ	Circlips - Internal - Standard - Zinc Plated <i>Yellow Zinc Plated: J75X2.5ZP, D1300-0750ZD</i>	
75.00 (2.953")	78.00 +0.30/-0.00	3.00 +0.00/-0.08	79.50	CCI-07500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0750, JS75X3</i>	
75.01 (2.953")	80.72 +0.15/-0.00	2.29 +/-0.08	83.69	CIB-07501-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0295, MIL-16631, Ellison 9002</i>	
76.00 (2.992")	79.00 +0.30/-0.00	2.50 +0.00/-0.07	80.70	CCI-07600-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J76X2.5, D1300-0760APP</i>	
76.00 (2.992")	79.00 +0.30/-0.00	2.50 +0.00/-0.07	80.70	CCI-07600-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J76X2.5-411, D1300-0760KSF</i>	
76.20 (3.000")	80.82 +/-0.152	2.36 +0.00/-0.07	84.46	CCI-07620-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0300, J3X.098IN</i>	
76.20 (3.000")	80.82 +/-0.152	2.36 +0.00/-0.07	84.46	CCI-07620-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0300BDS, Ellison 9000, MIL-16625</i>	
76.20 (3.000")	80.82 +/-0.152	2.36 +/-0.076	84.46	CCI-07620-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0300, Waldes 5008, MIL 16627</i>	
76.20 (3.000")	81.92 +0.15/-0.00	2.29 +/-0.08	83.69	CIB-07620-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0300, MIL-16631, Ellison 9002</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal					
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
77.00 (3.031")	80.00 +0.30/-0.00	2.50 +0.00/-0.07	82.50	CCI-07700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J77X2.5, D1300-0770APP</i>
77.79 (3.063")	82.50 +/-0.152	2.77 +0.00/-0.07	86.82	CCI-07779-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0306APP, Ellison 9000, MIL-16625</i>
77.79 (3.063")	82.50 +/-0.152	2.77 +0.00/-0.07	86.82	CCI-07779-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0306BDS, Ellison 9000, MIL-16625</i>
77.79 (3.063")	83.57 +0.15/-0.00	2.69 +/-0.08	85.42	CIB-07779-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0306, MIL-16631, Ellison 9002</i>
78.00 (3.071")	81.00 +0.35/-0.00	2.50 +0.00/-0.07	82.50	CCI-07800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J78X2.5, D1300-0780APP</i>
78.00 (3.071")	81.00 +0.35/-0.00	2.50 +0.00/-0.08	82.50	CCI-07800-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J78X2.5-411, D1300-0780KSF</i>
79.38 (3.125")	84.20 +/-0.152	2.77 +0.00/-0.08	88.60	CCI-07938-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0312AZD, Ellison 9000, MIL-16625</i>
79.38 (3.125")	84.20 +/-0.152	2.77 +0.00/-0.08	88.60	CCI-07938-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0312APP, Ellison 9000, MIL-16625</i>
79.38 (3.125")	84.20 +/-0.152	2.77 +0.00/-0.08	88.60	CCI-07938-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0312BDS, Ellison 9000, MIL-16625</i>
79.38 (3.125")	85.22 +0.15/-0.00	2.69 +/-0.08	87.20	CIB-07938-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0312, MIL-16631, Ellison 9002</i>
79.98 (3.149")	85.04 +/-0.152	2.77 +0.00/-0.08	89.48	CCI-07998-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0315AZD, Ellison 9000, MIL-16625</i>
79.98 (3.149")	85.04 +/-0.152	2.77 +0.00/-0.08	89.48	CCI-07998-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0315APP, Ellison 9000, MIL-16625</i>
79.98 (3.149")	85.04 +/-0.152	2.77 +0.00/-0.08	89.48	CCI-07998-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0315BDS, Ellison 9000, MIL-16625</i>
79.98 (3.149")	85.88 +0.15/-0.00	2.69 +/-0.08	88.09	CIB-07998-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0314, MIL-16631, Ellison 9002</i>
80.00 (3.150")	83.50 +0.35/-0.00	2.50 +0.00/-0.08	85.50	CCI-08000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J80X2.5, D1300-0800APP</i>
80.00 (3.150")	83.50 +0.35/-0.00	2.50 +0.00/-0.08	85.50	CCI-08000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J80X2.5-411, D1300-0800KSF</i>
80.00 (3.150")	83.50 +0.30/-0.00	2.50 +0.00/-0.07	85.50	CCI-08000-C-V	Circlips - Internal - Inverted <i>Spring Steel: M1308-0800, Ellison INTV, Seeger JV</i>
80.00 (3.150")	83.50 +0.35/-0.00	4.00 +0.00/-0.10	85.50	CCI-08000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-0800, JS80X4</i>
80.17 (3.156")	85.04 +/-0.152	2.77 +/-0.076	88.09	CCI-08017-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0315, Waldes 5008, MIL 16627</i>
80.17 (3.156")	98.55 +0.15/-0.00	2.69 +/-0.08	88.09	CIB-08017-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0315, MIL-16631, Ellison 9002</i>
81.00 (3.189")	84.50 +0.35/-0.00	2.50 +0.00/-0.08	86.50	CCI-08100-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J81X2.5, D1300-0810APP</i>
82.00 (3.228")	85.50 +0.35/-0.00	2.50 +0.00/-0.08	87.50	CCI-08200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J82X2.5, D1300-0820APP</i>
82.00 (3.228")	85.50 +0.35/-0.00	2.50 +0.00/-0.08	87.50	CCI-08200-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J82X2.5-411, D1300-0820KSF</i>
82.55 (3.250")	87.53 +/-0.152	2.77 +0.00/-0.08	92.02	CCI-08255-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0325APP, Ellison 9000, MIL-16625</i>
82.55 (3.250")	87.53 +/-0.152	2.77 +/-0.076	92.02	CCI-08255-C-V	Circlips - Internal - Inverted <i>Spring Steel: N1308-0325, Waldes 5008, MIL 16627</i>
82.55 (3.250")	87.53 +/-0.152	2.77 +0.00/-0.08	92.02	CCI-08255-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0325BDS, Ellison 9000, MIL-16625</i>
82.55 (3.250")	88.62 +0.15/-0.00	2.69 +/-0.08	90.63	CIB-08255-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0325, MIL-16631, Ellison 9002</i>
83.00 (3.268")	86.50 +0.35/-0.00	2.50 +0.00/-0.08	88.50	CCI-08300-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J83X2.5, D1300-0830APP</i>
84.99 (3.346")	90.07 +/-0.152	2.77 +0.00/-0.08	94.84	CCI-08499-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0334APP, Ellison 9000, MIL-16625</i>
84.99 (3.346")	90.07 +/-0.152	2.77 +0.00/-0.08	94.84	CCI-08499-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0334AZD, Ellison 9000, MIL-16625</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
84.99 (3.346")	90.07 +/-0.152	2.77 +0.00/-0.08	94.84	CCI-08499-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0334BDS, Ellison 9000, MIL-16625	
84.99 (3.346")	90.07 +/-0.152	2.77 +/-0.076	94.84	CCI-08499-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0334, Waldes 5008, MIL 16627	
84.99 (3.346")	91.21 +0.15/-0.00	2.69 +/-0.08	93.45	CIB-08499-C	Circlips - Internal - Bevelled Spring Steel: N1302-0334, MIL-16631, Ellison 9002	
85.00 (3.346")	88.50 +0.35/-0.00	3.00 +0.00/-0.08	90.50	CCI-08500-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J85X3, D1300-0850APP	
85.00 (3.346")	88.50 +0.35/-0.00	3.00 +0.00/-0.08	90.50	CCI-08500-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J85X3-411, D1300-0850KSF	
85.00 (3.346")	88.50 +0.35/-0.00	4.00 +0.00/-0.10	90.50	CCI-08500H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0850, JS85X4	
87.00 (3.425")	90.50 +0.35/-0.00	3.00 +0.00/-0.08	93.50	CCI-08700-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: J87X3, D1300-0870APP	
88.00 (3.465")	91.50 +0.35/-0.00	3.00 +0.00/-0.08	93.50	CCI-08800-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J88X3, D1300-0880APP	
88.00 (3.465")	91.50 +0.35/-0.00	3.00 +0.00/-0.08	93.50	CCI-08800-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J88X3-411, D1300-0880KSF	
88.11 (3.469")	93.35 +/-0.152	2.77 +0.00/-0.08	97.97	CCI-08811-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0347APP, Ellison 9000, MIL-16625	
88.11 (3.469")	93.35 +/-0.152	2.77 +0.00/-0.08	97.97	CCI-08811-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0347BDS, Ellison 9000, MIL-16625	
88.11 (3.469")	94.64 +0.15/-0.00	2.69 +/-0.08	96.57	CIB-08811-C	Circlips - Internal - Bevelled Spring Steel: N1302-0347, MIL-16631, Ellison 9002	
88.90 (3.500")	94.23 +/-0.152	2.77 +0.00/-0.08	98.81	CCI-08890-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0350AZD, Ellison 9000, MIL-16625	
88.90 (3.500")	94.23 +/-0.152	2.77 +0.00/-0.08	98.81	CCI-08890-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0350APP, Ellison 9000, MIL-16625	
88.90 (3.500")	94.23 +/-0.152	2.77 +/-0.076	98.81	CCI-08890-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0350, Waldes 5008, MIL 16627	
88.90 (3.500")	94.23 +/-0.152	2.77 +0.00/-0.08	98.81	CCI-08890-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0350BDS, Ellison 9000, MIL-16625	
88.90 (3.500")	95.50 +0.15/-0.00	2.69 +/-0.08	97.41	CIB-08890-C	Circlips - Internal - Bevelled Spring Steel: N1302-0350, MIL-16631, Ellison 9002	
89.99 (3.543")	95.91 +/-0.152	2.77 +0.00/-0.08	99.97	CCI-08999-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0354APP, Ellison 9000, MIL-16625	
89.99 (3.543")	95.91 +/-0.152	2.77 +0.00/-0.08	99.97	CCI-08999-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0354BDS, Ellison 9000, MIL-16625	
89.99 (3.543")	96.67 +0.15/-0.00	2.69 +/-0.08	98.58	CIB-08999-C	Circlips - Internal - Bevelled Spring Steel: N1302-0354, MIL-16631, Ellison 9002	
90.00 (3.543")	93.50 +0.35/-0.00	3.00 +0.00/-0.08	95.50	CCI-09000-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J90X3, D1300-0900APP	
90.00 (3.543")	93.50 +0.35/-0.00	3.00 +0.00/-0.08	95.50	CCI-09000-C-V	Circlips - Internal - Inverted Spring Steel: M1308-0900, Ellison INTV, Seeger JV	
90.00 (3.543")	93.50 +0.35/-0.00	3.00 +0.00/-0.08	95.50	CCI-09000-CZ	Circlips - Internal - Standard - Carbon Steel Zinc Plated Carbon Spring Steel: J90X3, D1300-0900APP	
90.00 (3.543")	93.50 +0.35/-0.00	3.00 +0.00/-0.08	95.50	CCI-09000-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J90X3-411, D1300-0900KSF	
90.00 (3.543")	93.50 +0.35/-0.00	4.00 +0.00/-0.10	95.50	CCI-09000H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0900, JS90X4	
90.47 (3.562")	95.91 +/-0.152	2.77 +/-0.076	98.58	CCI-09047-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0356, Waldes 5008, MIL 16627	
90.47 (3.562")	97.28 +0.15/-0.00	2.69 +/-0.08	98.58	CIB-09047-C	Circlips - Internal - Bevelled Spring Steel: N1302-0356, MIL-16631, Ellison 9002	
92.00 (3.622")	95.50 +0.35/-0.00	3.00 +0.00/-0.08	97.50	CCI-09200-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J92X3, D1300-0920APP	
92.00 (3.622")	95.50 +0.35/-0.00	3.00 +0.00/-0.08	97.50	CCI-09200-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J92X3-411, D1300-0920KSF	
92.08 (3.625")	97.56 +/-0.152	2.77 +0.00/-0.08	102.21	CCI-09208-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0362APP, Ellison 9000, MIL-16625	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
92.08 (3.625")	97.56 +/-0.152	2.77 +0.00/-0.08	102.21	CCI-09208-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0362BDS, Ellison 9000, MIL-16625	
92.08 (3.625")	99.06 +0.15/-0.00	2.69 +/-0.08	100.81	CIB-09208-C	Circlips - Internal - Bevelled Spring Steel: N1302-0362, MIL-16631, Ellison 9002	
95.00 (3.740")	98.50 +0.35/-0.00	3.00 +0.00/-0.08	100.50	CCI-09500-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J95X3, D1300-0950APP	
95.00 (3.740")	98.50 +0.35/-0.00	3.00 +0.00/-0.08	100.50	CCI-09500-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J95X3-411, D1300-0950KSF	
95.00 (3.740")	98.50 +0.35/-0.00	4.00 +0.00/-0.10	100.50	CCI-09500H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-0950, JS95X4	
95.00 (3.740")	102.36 +0.15/-0.00	2.69 +/-0.08	103.94	CIB-09500-C	Circlips - Internal - Bevelled Spring Steel: N1302-0374, MIL-16631, Ellison 9002	
95.25 (3.750")	100.94 +/-0.152	2.77 +0.00/-0.08	105.59	CCI-09525-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0375APP, Ellison 9000, MIL-16625	
95.25 (3.750")	100.94 +/-0.152	2.77 +0.00/-0.08	105.59	CCI-09525-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0375BDS, Ellison 9000, MIL-16625	
95.25 (3.750")	102.62 +0.15/-0.00	2.69 +/-0.08	103.94	CIB-09525-C	Circlips - Internal - Bevelled Spring Steel: N1302-0375, MIL-16631, Ellison 9002	
97.00 (3.819")	100.50 +0.35/-0.00	3.00 +0.00/-0.08	103.50	CCI-09700-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J97X3, D1300-0970APP	
98.00 (3.858")	101.50 +0.35/-0.00	3.00 +0.00/-0.08	103.50	CCI-09800-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J98X3, D1300-0980APP	
98.00 (3.858")	101.50 +0.35/-0.00	3.00 +0.00/-0.08	103.50	CCI-09800-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: J98X3-411, D1300-0980KSF	
98.43 (3.875")	104.32 +/-0.152	2.77 +0.00/-0.08	108.99	CCI-09843-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0387APP, Ellison 9000, MIL-16625	
98.43 (3.875")	104.32 +/-0.152	2.77 +0.00/-0.08	108.99	CCI-09843-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0387BDS, Ellison 9000, MIL-16625	
98.43 (3.875")	105.94 +0.15/-0.00	2.69 +/-0.08	107.34	CIB-09843-C	Circlips - Internal - Bevelled Spring Steel: N1302-0387, MIL-16631, Ellison 9002	
100.00 (3.937")	103.50 +0.35/-0.00	3.00 +0.00/-0.08	105.50	CCI-10000-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J100X3, D1300-1000APP	
100.00 (3.937")	103.50 +0.35/-0.00	3.00 +0.00/-0.08	105.44	CCI-10000-C-V	Circlips - Internal - Inverted Spring Steel: M1308-1000, Ellison INTV, Seeger JV	
100.00 (3.937")	103.50 +0.35/-0.00	4.00 +0.00/-0.10	105.50	CCI-10000H-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: D1360-1000, JS100X4	
100.01 (3.937")	106.02 +/-0.152	2.77 +0.00/-0.10	110.69	CCI-10001-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0393APP, Ellison 9000, MIL-16625	
100.01 (3.937")	106.02 +/-0.152	2.77 +0.00/-0.10	110.69	CCI-10001-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0393AZD, Ellison 9000, MIL-16625	
100.01 (3.937")	106.02 +/-0.152	2.77 +0.00/-0.10	110.69	CCI-10001-S42	Circlips - Internal - Standard - Stainless Steel 420 Stainless: N1300-0393BDS, Ellison 9000, MIL-16625	
100.01 (3.937")	107.59 +0.15/-0.00	2.69 +/-0.08	109.04	CIB-10001-C	Circlips - Internal - Bevelled Spring Steel: N1302-0394, MIL-16631, Ellison 9002	
101.60 (4.000")	107.54 +/-0.152	2.84 +0.00/-0.10	112.37	CCI-10160-CZY	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel, Yellow Zinc Plated.: N1300-0400AZD, Ellison 9000, MIL-16625	
101.60 (4.000")	107.54 +/-0.152	2.84 +0.00/-0.10	112.37	CCI-10160-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: N1300-0400, Ellison 9000, MIL-16625	
101.60 (4.000")	107.70 +/-0.152	2.77 +/-0.076	112.37	CCI-10160-C-V	Circlips - Internal - Inverted Spring Steel: N1308-0400, Waldes 5008, MIL 16627	
101.60 (4.000")	109.27 +0.15/-0.00	2.69 +/-0.08	110.72	CIB-10160-C	Circlips - Internal - Bevelled Spring Steel: N1302-0400, MIL-16631, Ellison 9002	
102.00 (4.016")	106.00 +0.54/-0.00	4.00 +0.00/-0.10	108.00	CCI-10200-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: J102X4, D1300-1020APP	
103.00 (4.055")	108.00 +0.54/-0.00	4.00 +0.00/-0.10	110.76	CCI-10300-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel: J103X4, D1300-1030APP	
104.78 (4.125")	110.87 +/-0.152	2.77 +0.00/-0.10	111.76	CCI-10478-C	Circlips - Internal - Standard - Carbon Steel Carbon Spring Steel. Phosphate and oil finish: N1300-0412, Ellison 9000, MIL-16625	
104.78 (4.125")	112.60 +0.15/-0.00	2.69 +/-0.08	114.12	CIB-10478-C	Circlips - Internal - Bevelled Spring Steel: N1302-0412, MIL-16631, Ellison 9002	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
105.00 (4.134")	109.00 +0.54/-0.00	5.00 +0.00/-0.12	112.00	CCI-10500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1050, JS105X5</i>	
105.00 (4.134")	409.00 +0.54/-0.00	4.00 +0.00/-0.10	112.00	CCI-10500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J105X4, D1300-1050APP</i>	
107.00 (4.213")	111.00 +0.54/-0.00	4.00 +0.00/-0.10	115.00	CCI-10700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J107X4, D1300-1070APP</i>	
107.95 (4.250")	114.05 +/-0.152	2.77 +0.00/-0.10	116.08	CCI-10795-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0425, Ellison 9000, MIL-16625</i>	
107.95 (4.250")	115.87 +0.15/-0.00	2.69 +/-0.08	117.50	CIB-10795-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0425, MIL-16631, Ellison 9002</i>	
108.00 (4.252")	112.00 +0.54/-0.00	4.00 +0.00/-0.10	115.00	CCI-10800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J108X4, D1300-1080APP</i>	
110.00 (4.331")	114.00 +0.54/-0.00	4.00 +0.00/-0.10	117.00	CCI-11000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J110X4, D1300-1100APP</i>	
110.00 (4.331")	114.00 +0.54/-0.00	4.00 +0.00/-0.10	117.00	CCI-11000-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: J110X4-411, D1300-1100KSF</i>	
110.00 (4.331")	114.00 +0.54/-0.00	5.00 +0.00/-0.12	117.00	CCI-11000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1100, JS110X5</i>	
110.01 (4.331")	116.00 +/-0.152	2.77 +0.00/-0.10	120.80	CCI-11001N-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0433, Ellison 9000, MIL-16625</i>	
110.01 (4.331")	116.00 +/-0.152	2.77 +0.00/-0.10	120.80	CCI-11001N-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0433BDS, Ellison 9000, MIL-16625</i>	
110.01 (4.331")	118.03 +0.15/-0.00	2.69 +/-0.08	119.15	CIB-11001-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0433, MIL-16631, Ellison 9002</i>	
112.00 (4.409")	116.00 +0.54/-0.00	4.00 +0.00/-0.10	119.00	CCI-11200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J112X4, D1300-1120APP</i>	
114.30 (4.500")	120.40 +/-0.152	2.77 +0.00/-0.10	125.48	CCI-11430-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0450, J4.5X1.09IN</i>	
114.30 (4.500")	122.53 +0.15/-0.00	2.69 +/-0.08	123.83	CIB-11430-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0450, MIL-16631, Ellison 9002</i>	
115.00 (4.528")	119.00 +0.54/-0.00	4.00 +0.00/-0.10	122.00	CCI-11500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J115X4, D1300-1150APP</i>	
115.00 (4.528")	119.00 +0.54/-0.00	5.00 +0.00/-0.12	122.00	CCI-11500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1150, JS115X5</i>	
117.00 (4.606")	121.00 +0.54/-0.00	4.00 +0.00/-0.10	125.00	CCI-11700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J117X4, D1300-1170APP</i>	
117.48 (4.625")	123.57 +/-0.152	2.77 +0.00/-0.10	126.33	CCI-11748-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0462, Ellison 9000, MIL-16625</i>	
117.48 (4.625")	125.86 +0.15/-0.00	2.69 +/-0.08	127.28	CIB-11748-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0462, MIL-16631, Ellison 9002</i>	
118.00 (4.646")	122.00 +0.63/-0.00	4.00 +0.00/-0.10	125.00	CCI-11800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J118X4, D1300-1180APP</i>	
119.99 (4.724")	128.52 +0.15/-0.00	2.69 +/-0.08	130.76	CIB-11999-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0472, MIL-16631, Ellison 9002</i>	
120.00 (4.724")	124.00 +0.63/-0.00	4.00 +0.00/-0.10	127.00	CCI-12000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J120X4, D1300-1200APP</i>	
120.00 (4.724")	124.00 +0.54/-0.00	5.00 +0.00/-0.12	127.00	CCI-12000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1200, JS120X5</i>	
120.65 (4.750")	126.21 +/-0.152	2.77 +0.00/-0.10	129.03	CCI-12065-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0475AZD, Ellison 9000, MIL-16625</i>	
120.65 (4.750")	126.21 +/-0.152	2.77 +0.00/-0.10	129.03	CCI-12065-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0475, Ellison 9000, MIL-16625</i>	
120.65 (4.750")	126.21 +/-0.152	2.77 +0.00/-0.10	129.03	CCI-12065-S42	Circlips - Internal - Standard - Stainless Steel <i>420 Stainless: N1300-0475BDS, Ellison 9000, MIL-16625</i>	
120.65 (4.750")	129.18 +0.15/-0.00	2.69 +/-0.08	130.76	CIB-12065-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0475, MIL-16631, Ellison 9002</i>	
122.00 (4.803")	126.00 +0.63/-0.00	4.00 +0.00/-0.10	129.00	CCI-12200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J122X4, D1300-1220APP</i>	
125.00 (4.921")	129.00 +0.63/-0.00	4.00 +0.00/-0.10	132.00	CCI-12500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J125X4, D1300-1250APP</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
125.00 (4.921")	129.00 +0.63/-0.00	5.00 +0.00/-0.12	132.00	CCI-12500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1250, JS125X5</i>	
127.00 (5.000")	131.00 +0.63/-0.00	4.00 +0.00/-0.10	135.00	CCI-12700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J127X4, D1300-1270APP</i>	
127.00 (5.000")	133.45 +/-0.152	2.84 +0.00/-0.08	139.32	CCI-12700N-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0500, Ellison 9000, MIL-16625</i>	
127.00 (5.000")	133.45 +/-0.152	2.84 +0.00/-0.08	139.32	CCI-12700N-CZY	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel, Yellow Zinc Plated.: N1300-0500AZD, Ellison 9000, MIL-16625</i>	
127.00 (5.000")	135.79 +0.15/-0.00	2.69 +/-0.08	137.67	CIB-12700-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0500, MIL-16631, Ellison 9002</i>	
128.00 (5.039")	132.00 +0.63/-0.00	4.00 +0.00/-0.10	135.00	CCI-12800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J128X4, D1300-1280APP</i>	
130.00 (5.118")	134.00 +0.63/-0.00	4.00 +0.00/-0.10	137.00	CCI-13000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J130X4, D1300-1300APP</i>	
130.00 (5.118")	134.00 +0.63/-0.00	5.00 +0.00/-0.12	137.00	CCI-13000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1300, JS130X5</i>	
132.00 (5.197")	136.00 +0.63/-0.00	4.00 +0.00/-0.10	139.00	CCI-13200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J132X4, D1300-1320APP</i>	
133.35 (5.250")	140.21 +/-0.178	3.18 +0.00/-0.10	146.29	CCI-13335-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0525, Ellison 9000, MIL-16625</i>	
133.35 (5.250")	142.54 +0.18/-0.00	3.07 +/-0.08	144.91	CIB-13335-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0525, MIL-16631, Ellison 9002</i>	
135.00 (5.315")	139.00 +0.63/-0.00	4.00 +0.00/-0.10	142.00	CCI-13500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J135X4, D1300-1350APP</i>	
135.00 (5.315")	139.00 +0.63/-0.00	5.00 +0.00/-0.12	142.00	CCI-13500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1350, JS135X5</i>	
136.53 (5.375")	143.51 +/-0.178	3.18 +0.00/-0.10	150.11	CCI-13653-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0537, Ellison 9000, MIL-16625</i>	
136.53 (5.375")	145.77 +0.18/-0.00	3.07 +/-0.08	148.46	CIB-13653-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0537, MIL-16631, Ellison 9002</i>	
137.00 (5.394")	141.00 +0.63/-0.00	4.00 +0.00/-0.10	145.00	CCI-13700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J137X4, D1300-1370APP</i>	
139.70 (5.500")	146.38 +/-0.178	3.28 +0.00/-0.10	153.25	CCI-13970-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0550, Ellison 9000, MIL-16625</i>	
139.70 (5.500")	148.95 +0.18/-0.00	3.07 +/-0.08	152.43	CIB-13970-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0550, MIL-16631, Ellison 9002</i>	
140.00 (5.512")	144.00 +0.63/-0.00	4.00 +0.00/-0.10	147.00	CCI-14000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J140X4, D1300-1400APP</i>	
140.00 (5.512")	144.00 +0.63/-0.00	5.00 +0.00/-0.12	147.00	CCI-14000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1400, JS140X5</i>	
142.00 (5.591")	146.00 +0.63/-0.00	4.00 +0.00/-0.10	149.00	CCI-14200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J142X4, D1300-1420APP</i>	
145.00 (5.709")	149.00 +0.63/-0.00	4.00 +0.00/-0.10	152.00	CCI-14500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J145X4, D1300-1450APP</i>	
145.00 (5.709")	149.00 +0.63/-0.00	5.00 +0.00/-0.12	152.00	CCI-14500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1450, JS145X5</i>	
146.05 (5.750")	152.91 +/-0.178	3.18 +0.00/-0.10	160.22	CCI-14605-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0575, Ellison 9000, MIL-16625</i>	
146.05 (5.750")	155.45 +0.18/-0.00	3.07 +/-0.08	159.28	CIB-14605-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0575, MIL-16631, Ellison 9002</i>	
147.00 (5.787")	151.00 +0.63/-0.00	4.00 +0.00/-0.10	155.00	CCI-14700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J147X4, D1300-1470APP</i>	
148.00 (5.827")	152.00 +0.63/-0.00	4.00 +0.00/-0.10	155.00	CCI-14800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J148X4, D1300-1480APP</i>	
150.00 (5.906")	155.00 +0.63/-0.00	4.00 +0.00/-0.10	158.00	CCI-15000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J150X4, D1300-1500APP</i>	
150.00 (5.906")	155.00 +0.63/-0.00	5.00 +0.00/-0.12	158.00	CCI-15000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1500, JS150X5</i>	
152.00 (5.984")	157.00 +0.63/-0.00	4.00 +0.00/-0.10	161.00	CCI-15200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J152X4, D1300-1520APP</i>	



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
152.40 (6.000")	159.08 +/-0.178	3.28 +0.00/-0.10	169.17	CCI-15240-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0600, Ellison 9000, MIL-16625</i>	
152.40 (6.000")	161.90 +0.18/-0.00	3.07 +/-0.08	166.50	CIB-15240-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0600, MIL-16631, Ellison 9002</i>	
155.00 (6.102")	160.00 +0.63/-0.00	4.00 +0.00/-0.10	164.00	CCI-15500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J155X4, D1300-1550APP</i>	
155.00 (6.102")	160.00 +0.63/-0.00	5.00 +0.00/-0.12	164.00	CCI-15500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1550, JS155X5</i>	
157.00 (6.181")	162.00 +0.63/-0.00	4.00 +0.00/-0.10	167.00	CCI-15700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J157X4, D1300-1570APP</i>	
158.00 (6.220")	163.00 +0.63/-0.00	4.00 +0.00/-0.12	167.00	CCI-15800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J158X4, D1300-1580APP</i>	
158.75 (6.250")	165.66 +/-0.204	4.09 +0.00/-0.12	176.21	CCI-15875-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0625, Ellison 9000, MIL-16625</i>	
158.75 (6.250")	168.71 +0.20/-0.00	3.84 +/-0.08	173.10	CIB-15875-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0625, MIL-16631, Ellison 9002</i>	
160.00 (6.299")	165.00 +0.63/-0.00	4.00 +0.00/-0.10	169.00	CCI-16000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J160X4, D1300-1600APP</i>	
160.00 (6.299")	165.00 +0.63/-0.00	5.00 +0.00/-0.12	169.00	CCI-16000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1600, JS160X5</i>	
162.00 (6.378")	167.00 +0.63/-0.00	4.00 +0.00/-0.10	171.50	CCI-16200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J162X4, D1300-1620APP</i>	
165.00 (6.496")	170.00 +0.63/-0.00	4.00 +0.00/-0.10	174.50	CCI-16500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J165X4, D1300-1650APP</i>	
165.00 (6.496")	170.00 +0.63/-0.00	5.00 +0.00/-0.12	174.50	CCI-16500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1650, JS165X5</i>	
165.10 (6.500")	172.47 +/-0.204	4.09 +0.00/-0.10	183.26	CCI-16510-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0650, Ellison 9000, MIL-16625</i>	
165.10 (6.500")	175.46 +0.20/-0.00	3.84 +/-0.08	180.09	CIB-16510-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0650, MIL-16631, Ellison 9002</i>	
167.00 (6.575")	172.00 +0.63/-0.00	4.00 +0.00/-0.10	177.50	CCI-16700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J167X4, D1300-1670APP</i>	
168.00 (6.614")	173.00 +0.63/-0.00	4.00 +0.00/-0.10	177.50	CCI-16800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J168X4, D1300-1680APP</i>	
168.28 (6.625")	175.90 +/-0.204	4.09 +0.00/-0.10	186.79	CCI-16828-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0662, Ellison 9000, MIL-16625</i>	
168.28 (6.625")	178.87 +0.20/-0.00	3.84 +/-0.08	183.59	CIB-16828-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0662, MIL-16631, Ellison 9002</i>	
170.00 (6.693")	175.00 +0.63/-0.00	4.00 +0.00/-0.10	179.50	CCI-17000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J170X4, D1300-1700APP</i>	
170.00 (6.693")	175.00 +0.63/-0.00	5.00 +0.00/-0.12	179.50	CCI-17000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1700, JS170X5</i>	
171.45 (6.750")	179.20 +/-0.204	4.09 +0.00/-0.10	190.31	CCI-17145-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0675, Ellison 9000, MIL-16625</i>	
171.45 (6.750")	182.22 +0.20/-0.00	3.84 +/-0.08	187.07	CIB-17145-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0675, MIL-16631, Ellison 9002</i>	
172.00 (6.772")	177.00 +0.63/-0.00	4.00 +0.00/-0.10	181.50	CCI-17200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J172X4, D1300-1720APP</i>	
175.00 (6.890")	180.00 +0.63/-0.00	4.00 +0.00/-0.10	184.50	CCI-17500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J175X4, D1300-1750APP</i>	
175.00 (6.890")	180.00 +0.63/-0.00	5.00 +0.00/-0.12	184.50	CCI-17500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1750, JS175X5</i>	
177.00 (6.969")	182.00 +0.72/-0.00	4.00 +0.00/-0.10	187.50	CCI-17700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J177X4, D1300-1770APP</i>	
177.80 (7.000")	185.60 +/-0.204	4.09 +0.00/-0.12	197.36	CCI-17780-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0700, Ellison 9000, MIL-16625</i>	
177.80 (7.000")	189.00 +0.20/-0.00	3.84 +/-0.08	194.06	CIB-17780-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0700, MIL-16631, Ellison 9002</i>	
178.00 (7.008")	183.00 +0.72/-0.00	4.00 +0.00/-0.10	187.50	CCI-17800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J178X4, D1300-1780APP</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

Circlips - Internal

Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
180.00 (7.087")	185.00 +0.72/-0.00	4.00 +0.00/-0.10	189.50	CCI-18000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J180X4, D1300-1800APP</i>
180.00 (7.087")	185.00 +0.72/-0.00	5.00 +0.00/-0.12	189.50	CCI-18000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1800, JS180X5</i>
182.00 (7.165")	185.00 +0.72/-0.00	4.00 +0.00/-0.10	191.50	CCI-18200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J182X4, D1300-1820APP</i>
184.15 (7.250")	192.41 +/-0.204	4.75 +0.00/-0.12	203.07	CCI-18415-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0725, Ellison 9000, MIL-16625</i>
184.15 (7.250")	195.78 +0.20/-0.00	4.62 +/-0.08	200.79	CIB-18415-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0725, MIL-16631, Ellison 9002</i>
185.00 (7.283")	190.00 +0.72/-0.00	4.00 +0.00/-0.10	194.50	CCI-18500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J185X4, D1300-1850APP</i>
185.00 (7.283")	190.00 +0.72/-0.00	5.00 +0.00/-0.12	194.50	CCI-18500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1850, JS185X5</i>
187.00 (7.362")	192.00 +0.72/-0.00	4.00 +0.00/-0.10	197.50	CCI-18700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J187X4, D1300-1870APP</i>
188.00 (7.402")	193.00 +0.72/-0.00	4.00 +0.00/-0.10	197.50	CCI-18800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J188X4, D1300-1880APP</i>
190.00 (7.480")	195.00 +0.72/-0.00	4.00 +0.00/-0.10	199.50	CCI-19000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J190X4, D1300-1900APP</i>
190.00 (7.480")	195.00 +0.72/-0.00	5.00 +0.00/-0.12	199.50	CCI-19000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1900, JS190X5</i>
190.50 (7.500")	199.14 +/-0.204	4.75 +0.00/-0.12	211.46	CCI-19050-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0750, Ellison 9000, MIL-16625</i>
190.50 (7.500")	202.54 +0.20/-0.00	4.62 +/-0.08	207.77	CIB-19050-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0750, MIL-16631, Ellison 9002</i>
192.00 (7.559")	197.00 +0.72/-0.00	4.00 +0.00/-0.10	201.50	CCI-19200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J192X4, D1300-1920APP</i>
195.00 (7.677")	200.00 +0.72/-0.00	4.00 +0.00/-0.10	204.50	CCI-19500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J195X4, D1300-1950APP</i>
195.00 (7.677")	200.00 +0.72/-0.00	5.00 +0.00/-0.12	204.50	CCI-19500H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-1950, JS195X5</i>
196.85 (7.750")	205.74 +/-0.204	4.75 +0.00/-0.12	218.51	CCI-19685-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0775, Ellison 9000, MIL-16625</i>
196.85 (7.750")	209.30 +0.20/-0.00	4.62 +/-0.08	214.76	CIB-19685-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0775, MIL-16631, Ellison 9002</i>
197.00 (7.756")	202.00 +0.72/-0.00	4.00 +0.00/-0.10	207.50	CCI-19700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J197X4, D1300-1970APP</i>
198.00 (7.795")	203.00 +0.72/-0.00	4.00 +0.00/-0.10	207.50	CCI-19800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J198X4, D1300-1980APP</i>
200.00 (7.874")	205.00 +0.72/-0.00	4.00 +0.00/-0.10	209.50	CCI-20000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J200X4, D1300-2000APP</i>
200.00 (7.874")	205.00 +0.72/-0.00	5.00 +0.00/-0.12	209.50	CCI-20000H-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: D1360-2000, JS200X5</i>
202.00 (7.953")	208.00 +0.72/-0.00	5.00 +0.00/-0.12	214.00	CCI-20200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J202X5, D1300-2020APP</i>
203.20 (8.000")	212.34 +/-0.204	4.75 +0.00/-0.12	224.03	CCI-20320-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: N1300-0800, Ellison 9000, MIL-16625</i>
203.20 (8.000")	216.08 +0.20/-0.00	4.62 +/-0.08	221.74	CIB-20320-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0800, MIL-16631, Ellison 9002</i>
205.00 (8.071")	211.00 +0.72/-0.00	5.00 +0.00/-0.12	217.00	CCI-20500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J205X5, D1300-2050APP</i>
207.00 (8.150")	213.00 +0.72/-0.00	5.00 +0.00/-0.12	217.00	CCI-20700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J207X5, D1300-2070APP</i>
208.00 (8.189")	214.00 +0.72/-0.00	5.00 +0.00/-0.12	222.00	CCI-20800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J208X5, D1300-2080APP</i>
209.55 (8.250")	218.95 +/-0.204	4.75 +0.00/-0.12	231.01	CCI-20955-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0825, Ellison 9000, MIL-16625</i>
209.55 (8.250")	222.83 +0.20/-0.00	4.62 +/-0.08	228.73	CIB-20955-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0825, MIL-16631, Ellison 9002</i>


Stocked or Short Delivery

Usually Available Short Delivery


Long delivery or not in current production

Circlips - Internal

Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
210.00 (8.268")	216.00 +0.72/-0.00	5.00 +0.00/-0.12	222.00	CCI-21000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J210X5, D1300-2100APP</i>
212.00 (8.346")	218.00 +0.72/-0.00	5.00 +0.00/-0.12	222.00	CCI-21200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J212X5, D1300-2120APP</i>
215.00 (8.465")	221.00 +0.72/-0.00	5.00 +0.00/-0.12	227.00	CCI-21500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J215X5, D1300-2150APP</i>
215.90 (8.500")	225.55 +/-0.204	4.75 +0.00/-0.12	239.65	CCI-21590-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0850, Ellison 9000, MIL-16625</i>
215.90 (8.500")	229.62 +0.20/-0.00	4.62 +/-0.08	233.55	CIB-21590-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0850, MIL-16631, Ellison 9002</i>
217.00 (8.543")	223.00 +0.72/-0.00	5.00 +0.00/-0.12	227.00	CCI-21700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J217X5, D1300-2170APP</i>
218.00 (8.583")	224.00 +0.72/-0.00	5.00 +0.00/-0.12	232.00	CCI-21800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J218X5, D1300-2180APP</i>
220.00 (8.661")	226.00 +0.72/-0.00	5.00 +0.00/-0.12	232.00	CCI-22000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J220X5, D1300-2200APP</i>
222.00 (8.740")	228.00 +0.72/-0.00	5.00 +0.00/-0.12	232.00	CCI-22200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J222X5, D1300-2220APP</i>
222.25 (8.750")	232.28 +/-0.204	4.75 +0.00/-0.12	242.77	CCI-22225-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0875, Ellison 9000, MIL-16625</i>
222.25 (8.750")	236.40 +0.20/-0.00	4.62 +/-0.08	240.49	CIB-22225-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0875, MIL-16631, Ellison 9002</i>
225.00 (8.858")	236.00 +0.72/-0.00	5.00 +0.00/-0.12	237.00	CCI-22500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J225X5, D1300-2250APP</i>
227.00 (8.937")	233.00 +0.72/-0.00	5.00 +0.00/-0.12	237.00	CCI-22700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J227X5, D1300-2270APP</i>
228.00 (8.976")	234.00 +0.72/-0.00	5.00 +0.00/-0.12	242.00	CCI-22800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J228X5, D1300-2280APP</i>
228.60 (9.000")	238.89 +/-0.204	4.75 +0.00/-0.12	253.75	CCI-22860-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0900, Ellison 9000, MIL-16625</i>
228.60 (9.000")	243.15 +0.20/-0.00	4.62 +/-0.08	247.40	CIB-22860-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0900, MIL-16631, Ellison 9002</i>
230.00 (9.055")	236.00 +0.72/-0.00	5.00 +0.00/-0.12	242.00	CCI-23000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J230X5, D1300-2300APP</i>
232.00 (9.134")	238.00 +0.72/-0.00	5.00 +0.00/-0.12	242.00	CCI-23200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J232X5, D1300-2320APP</i>
234.95 (9.250")	245.57 +/-0.204	4.75 +0.00/-0.12	256.59	CCI-23495-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0925, Ellison 9000, MIL-16625</i>
234.95 (9.250")	249.89 +0.20/-0.00	4.62 +/-0.08	254.30	CIB-23495-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0925, MIL-16631, Ellison 9002</i>
235.00 (9.252")	241.00 +0.72/-0.00	5.00 +0.00/-0.12	247.00	CCI-23500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J235X5, D1300-2350APP</i>
237.00 (9.331")	243.00 +0.72/-0.00	5.00 +0.00/-0.12	247.00	CCI-23700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J237X5, D1300-2370APP</i>
238.00 (9.370")	244.00 +0.72/-0.00	5.00 +0.00/-0.12	252.00	CCI-23800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J238X5, D1300-2380APP</i>
240.00 (9.449")	246.00 +0.72/-0.00	5.00 +0.00/-0.12	252.00	CCI-24000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J240X5, D1300-2400APP</i>
241.30 (9.500")	252.22 +/-0.204	4.75 +0.00/-0.12	262.53	CCI-24130-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0950, Ellison 9000, MIL-16625</i>
241.30 (9.500")	256.69 +0.20/-0.00	4.62 +/-0.08	261.24	CIB-24130-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0950, MIL-16631, Ellison 9002</i>
242.00 (9.528")	248.00 +0.72/-0.00	5.00 +0.00/-0.12	252.00	CCI-24200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J242X5, D1300-2420APP</i>
245.00 (9.646")	251.00 +0.81/-0.00	5.00 +0.00/-0.12	257.00	CCI-24500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J245X5, D1300-2450APP</i>
247.00 (9.724")	253.00 +0.81/-0.00	5.00 +0.00/-0.12	257.00	CCI-24700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J247X5, D1300-2470APP</i>
247.65 (9.750")	258.83 +/-0.204	4.75 +0.00/-0.12	274.89	CCI-24765-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-0975, Ellison 9000, MIL-16625</i>

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

Circlips - Internal					
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description
247.65 (9.750")	263.45 +0.20/-0.00	4.62 +/-0.08	268.17	CIB-24765-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-0975, MIL-16631, Ellison 9002</i>
248.00 (9.764")	254.00 +0.81/-0.00	5.00 +0.00/-0.12	262.00	CCI-24800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J248X5, D1300-2480APP</i>
250.00 (9.843")	256.00 +0.81/-0.00	5.00 +0.00/-0.12	262.00	CCI-25000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J250X5, D1300-2500APP</i>
252.00 (9.921")	260.00 +0.81/-0.00	5.00 +0.00/-0.12	262.00	CCI-25200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J252X5, D1300-2520APP</i>
254.00 (10.000")	265.43 +/-0.178	4.75 +0.00/-0.12	281.94	CCI-25400-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: N1300-1000, Ellison 9000, MIL-16625</i>
254.00 (10.000")	270.23 +0.20/-0.00	4.62 +/-0.08	275.08	CIB-25400-C	Circlips - Internal - Bevelled <i>Spring Steel: N1302-1000, MIL-16631, Ellison 9002</i>
255.00 (10.039")	263.00 +0.81/-0.00	5.00 +0.00/-0.12	270.00	CCI-25500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J255X5, D1300-2550APP</i>
257.00 (10.118")	265.00 +0.81/-0.00	5.00 +0.00/-0.12	270.00	CCI-25700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J257X5, D1300-2570APP</i>
258.00 (10.157")	266.00 +0.81/-0.00	5.00 +0.00/-0.12	275.00	CCI-25800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J258X5, D1300-2580APP</i>
260.00 (10.236")	268.00 +0.81/-0.00	5.00 +0.00/-0.12	275.00	CCI-26000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J260X5, D1300-2600APP</i>
262.00 (10.315")	270.00 +0.81/-0.00	5.00 +0.00/-0.12	275.00	CCI-26200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J262X5, D1300-2620APP</i>
265.00 (10.433")	273.00 +0.81/-0.00	5.00 +0.00/-0.12	280.00	CCI-26500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J265X5, D1300-2650APP</i>
267.00 (10.512")	275.00 +0.81/-0.00	5.00 +0.00/-0.12	280.00	CCI-26700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J267X5, D1300-2670APP</i>
268.00 (10.551")	276.00 +0.81/-0.00	5.00 +0.00/-0.12	285.00	CCI-26800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J268X5, D1300-2680APP</i>
270.00 (10.630")	278.00 +0.81/-0.00	5.00 +0.00/-0.12	285.00	CCI-27000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J270X5, D1300-2700APP</i>
272.00 (10.709")	280.00 +0.81/-0.00	5.00 +0.00/-0.12	285.00	CCI-27200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J272X5, D1300-2720APP</i>
275.00 (10.827")	283.00 +0.81/-0.00	5.00 +0.00/-0.12	290.00	CCI-27500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J275X5, D1300-2750APP</i>
277.00 (10.906")	285.00 +0.81/-0.00	5.00 +0.00/-0.12	290.00	CCI-27700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J277X5, D1300-2770APP</i>
278.00 (10.945")	286.00 +0.81/-0.00	5.00 +0.00/-0.12	295.00	CCI-27800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J278X5, D1300-2780APP</i>
280.00 (11.024")	288.00 +0.81/-0.00	5.00 +0.00/-0.12	295.00	CCI-28000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J280X5, D1300-2800APP</i>
282.00 (11.102")	290.00 +0.81/-0.00	5.00 +0.00/-0.12	295.00	CCI-28200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J282X5, D1300-2820APP</i>
285.00 (11.220")	293.00 +0.81/-0.00	5.00 +0.00/-0.12	300.00	CCI-28500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J285X5, D1300-2850APP</i>
287.00 (11.299")	295.00 +0.81/-0.00	5.00 +0.00/-0.12	300.00	CCI-28700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J287X5, D1300-2870APP</i>
288.00 (11.339")	296.00 +0.81/-0.00	5.00 +0.00/-0.12	305.00	CCI-28800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J288X5, D1300-2880APP</i>
290.00 (11.417")	298.00 +0.81/-0.00	5.00 +0.00/-0.12	305.00	CCI-29000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J290X5, D1300-2900APP</i>
292.00 (11.496")	300.00 +0.81/-0.00	5.00 +0.00/-0.12	305.00	CCI-29200-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J292X5, D1300-2920APP</i>
295.00 (11.614")	303.00 +0.81/-0.00	5.00 +0.00/-0.12	310.00	CCI-29500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J295X5, D1300-2950APP</i>
297.00 (11.693")	305.00 +0.81/-0.00	5.00 +0.00/-0.12	310.00	CCI-29700-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J297X5, D1300-2970APP</i>
298.00 (11.732")	306.00 +0.81/-0.00	5.00 +0.00/-0.12	315.00	CCI-29800-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J298X5, D1300-2980APP</i>
300.00 (11.811")	308.00 +0.81/-0.00	5.00 +0.00/-0.12	315.00	CCI-30000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J300X5, D1300-3000APP</i>



Stocked or Short Delivery




Usually Available Short Delivery




Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
305.00 (12.008")	315.00 +0.81/-0.00	6.00 +0.00/-0.15	322.00	CCI-30500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J305X6, D1300-3050APP</i>	
310.00 (12.205")	320.00 +0.89/-0.00	6.00 +0.00/-0.15	327.00	CCI-31000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J310X6, D1300-3100APP</i>	
315.00 (12.402")	325.00 +0.89/-0.00	6.00 +0.00/-0.15	332.00	CCI-31500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J315X6, D1300-3150APP</i>	
320.00 (12.598")	330.00 +0.89/-0.00	6.00 +0.00/-0.15	337.00	CCI-32000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J320X6, D1300-3200APP</i>	
325.00 (12.795")	335.00 +0.89/-0.00	6.00 +0.00/-0.15	342.00	CCI-32500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J325X6, D1300-3250APP</i>	
330.00 (12.992")	340.00 +0.89/-0.00	6.00 +0.00/-0.15	347.00	CCI-33000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J330X6, D1300-3300APP</i>	
335.00 (13.189")	345.00 +0.89/-0.00	6.00 +0.00/-0.15	352.00	CCI-33500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J335X6, D1300-3350APP</i>	
340.00 (13.386")	350.00 +0.89/-0.00	6.00 +0.00/-0.15	357.00	CCI-34000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J340X6, D1300-3400APP</i>	
345.00 (13.583")	355.00 +0.89/-0.00	6.00 +0.00/-0.15	362.00	CCI-34500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J345X6, D1300-3450APP</i>	
350.00 (13.780")	360.00 +0.89/-0.00	6.00 +0.00/-0.15	367.00	CCI-35000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J350X6, D1300-3500APP</i>	
355.00 (13.976")	365.00 +0.89/-0.00	6.00 +0.00/-0.15	372.00	CCI-35500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J355X6, D1300-3550APP</i>	
360.00 (14.173")	370.00 +0.89/-0.00	6.00 +0.00/-0.15	377.00	CCI-36000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J360X6, D1300-3600APP</i>	
365.00 (14.370")	375.00 +0.89/-0.00	6.00 +0.00/-0.15	382.00	CCI-36500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J365X6, D1300-3650APP</i>	
370.00 (14.567")	380.00 +0.89/-0.00	6.00 +0.00/-0.15	387.00	CCI-37000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J370X6, D1300-3700APP</i>	
375.00 (14.764")	385.00 +0.89/-0.00	6.00 +0.00/-0.15	392.00	CCI-37500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J375X6, D1300-3750APP</i>	
380.00 (14.961")	390.00 +0.89/-0.00	6.00 +0.00/-0.15	397.00	CCI-38000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J380X6, D1300-3800APP</i>	
385.00 (15.157")	395.00 +0.89/-0.00	6.00 +0.00/-0.15	402.00	CCI-38500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J385X6, D1300-3850APP</i>	
390.00 (15.354")	400.00 +0.89/-0.00	6.00 +0.00/-0.15	407.00	CCI-39000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J390X6, D1300-3900APP</i>	
395.00 (15.551")	405.00 +1.00/-0.00	6.00 +0.00/-0.15	412.00	CCI-39500-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J395X6, D1300-3950APP</i>	
400.00 (15.748")	410.00 +1.00/-0.00	6.00 +0.00/-0.15	417.00	CCI-40000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel: J400X6, D1300-4000APP</i>	
410.00 (16.142")	422.00 +1.00/-0.00	7.00 +0.00/-0.15	430.00	CCI-41000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J410X7, D1300-4100APP</i>	
420.00 (16.535")	432.00 +1.00/-0.00	7.00 +0.00/-0.15	440.00	CCI-42000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J420X7, D1300-4200APP</i>	
430.00 (16.929")	442.00 +1.00/-0.00	7.00 +0.00/-0.15	450.00	CCI-43000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J430X7, D1300-4300APP</i>	
440.00 (17.323")	452.00 +1.00/-0.00	7.00 +0.00/-0.15	460.00	CCI-44000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J440X7, D1300-4400APP</i>	
450.00 (17.717")	462.00 +1.00/-0.00	7.00 +0.00/-0.15	470.00	CCI-45000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J450X7, D1300-4500APP</i>	
460.00 (18.110")	472.00 +1.00/-0.00	7.00 +0.00/-0.15	480.00	CCI-46000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J460X7, D1300-4600APP</i>	
470.00 (18.504")	482.00 +1.00/-0.00	7.00 +0.00/-0.15	490.00	CCI-47000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J470X7, D1300-4700APP</i>	
480.00 (18.898")	492.00 +1.00/-0.00	7.00 +0.00/-0.15	500.00	CCI-48000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J480X7, D1300-4800APP</i>	
490.00 (19.291")	502.00 +1.00/-0.00	7.00 +0.00/-0.15	510.00	CCI-49000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J490X7, D1300-4900APP</i>	
500.00 (19.685")	512.00 +1.00/-0.00	7.00 +0.00/-0.15	520.00	CCI-50000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J500X7, D1300-5000APP</i>	

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

Circlips - Internal						
Housing Bore (Db) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Free Outside Dia (Dr) (mm)	Part Number	Description	
510.00 (20.079")	524.00 +1.00/-0.00	8.00 +0.00/-0.15	535.00	CCI-51000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J510X8, D1300-5100APP</i>	
520.00 (20.472")	534.00 +1.00/-0.00	8.00 +0.00/-0.15	545.00	CCI-52000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J520X8, D1300-5200APP</i>	
530.00 (20.866")	544.00 +1.00/-0.00	8.00 +0.00/-0.15	555.00	CCI-53000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J530X8, D1300-5300APP</i>	
540.00 (21.260")	554.00 +1.00/-0.00	8.00 +0.00/-0.15	565.00	CCI-54000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J540X8, D1300-5400APP</i>	
550.00 (21.654")	564.00 +1.00/-0.00	8.00 +0.00/-0.15	575.00	CCI-55000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J550X8, D1300-5500APP</i>	
560.00 (22.047")	574.00 +1.00/-0.00	8.00 +0.00/-0.15	585.00	CCI-56000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J560X8, D1300-5600APP</i>	
570.00 (22.441")	584.00 +1.00/-0.00	8.00 +0.00/-0.15	595.00	CCI-57000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J570X8, D1300-5700APP</i>	
580.00 (22.835")	594.00 +1.00/-0.00	8.00 +0.00/-0.15	605.00	CCI-58000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J580X8, D1300-5800APP</i>	
590.00 (23.228")	604.00 +1.00/-0.00	8.00 +0.00/-0.15	615.00	CCI-59000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J590X8, D1300-5900APP</i>	
600.00 (23.622")	614.00 +1.00/-0.00	8.00 +0.00/-0.15	625.00	CCI-60000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J600X8, D1300-6000APP</i>	
650.00 (25.591")	666.00 +1.00/-0.00	9.00 +0.00/-0.20	680.00	CCI-65000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J650X9, D1300-6500APP</i>	
700.00 (27.559")	716.00 +1.00/-0.00	9.00 +0.00/-0.20	730.00	CCI-70000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J700X9, D1300-7000APP</i>	
750.00 (29.528")	768.00 +1.00/-0.00	9.00 +0.00/-0.20	785.00	CCI-75000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J750X9, D1300-7500APP</i>	
800.00 (31.496")	818.00 +1.00/-0.00	9.00 +0.00/-0.20	835.00	CCI-80000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J800X9, D1300-8000APP</i>	
850.00 (33.465")	870.00 +1.00/-0.00	9.00 +0.00/-0.20	890.00	CCI-85000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J850X9, D1300-8500APP</i>	
900.00 (35.433")	920.00 +1.00/-0.00	9.00 +0.00/-0.20	940.00	CCI-90000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J900X9, D1300-9000APP</i>	
950.00 (37.402")	972.00 +1.00/-0.00	9.00 +0.00/-0.20	1000.00	CCI-95000-C	Circlips - Internal - Standard - Carbon Steel <i>Carbon Spring Steel. Phosphate and oil finish: J950X9, D1300-9500APP</i>	

E-Clips						
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description	
1.00 (0.039")	0.66 +0.051/-0.000	0.25 +/-0.025	1.75	ECL-0007-0010-BC	E-Clips - Basic - Beryllium Copper <i>N1500-X004BC</i>	
1.00 (0.039")	0.66 +0.051/-0.000	0.25 +/-0.025	1.75	ECL-0007-0010-C	E-Clips - Basic - Carbon Steel <i>N1500-X004, A 9Q29-04</i>	
1.00 (0.039")	0.80 +0.00/-0.04	0.20 +/-0.02	2.00	ECL-0008-0010-BC	E-Clips - Basic - Beryllium Copper <i>D1500-0008, MD6799MQB008</i>	
1.40 (0.055")	1.20 +0.00/-0.06	0.30 +/-0.02	2.90	ECL-0012-0014-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: D1500-0012, Ellison 6799, Seeger RA</i>	
1.59 (0.063")	1.32 +0.051/-0.000	0.25 +/-0.025	3.56	ECL-0013-0016B-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-X006, A 9Q29-X06</i>	
1.59 (0.063")	1.32 +0.051/-0.000	0.25 +/-0.025	3.96	ECL-0013-0016A-BC	E-Clips - Basic - Beryllium Copper <i>N1500-0006BC</i>	
1.59 (0.063")	1.32 +0.051/-0.000	0.25 +/-0.025	3.96	ECL-0013-0016A-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-0006, A 9Q29-06</i>	
1.59 (0.063")	1.32 +0.051/-0.000	0.25 +/-0.025	3.96	ECL-0013-0016A-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: N1500-0006KSF, S73LW2-ER133-06</i>	
1.59 (0.063")	1.32 +0.76/-0.00	0.31 +/-0.038	6.35	ECL-0013-0020-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-S052</i>	
1.59 (0.063")	1.32 +0.051/-0.000	0.38	3.96	ECL-0013-0016D-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: B1500-A052</i>	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips					
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description
1.59 (0.063")	1.32 <i>+0.051/-0.000</i>	0.51	4.76	ECL-0013-0016C-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-Y006</i>
1.59 (0.063")	1.32 <i>+0.051/-0.000</i>	0.51	4.76	ECL-0013-0016C-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: N1500-Y006KSF, S73LW2-ER133-06A</i>
1.98 (0.078")	1.58 <i>+0.076/-0.00</i>	0.64 <i>+/-0.038</i>	7.49	ECL-0016-0020-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-S062</i>
2.00 (0.079")	1.50 <i>+0.00/-0.06</i>	0.40 <i>+/-0.02</i>	3.85	ECL-0015-0020-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: D1500-0015, Ellison 6799, Seeger RA</i>
2.00 (0.079")	1.50 <i>+0.00/-0.06</i>	0.40 <i>+/-0.02</i>	3.85	ECL-0015-0020-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: D1500-0015KSF, Ellison 6799, Seeger RA</i>
2.39 (0.094")	1.88 <i>+0.051/-0.000</i>	0.38 <i>+/-0.025</i>	4.75	ECL-0018-0024A-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-0009, A 9Q29-09</i>
2.39 (0.094")	1.88 <i>+0.051/-0.000</i>	0.38 <i>+/-0.025</i>	4.75	ECL-0018-0024A-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: N1500-0009KSF, S73LW2-ER133-09</i>
2.39 (0.094")	1.88 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.84	ECL-0018-0024B-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-X009, A 9Q29-X09</i>
2.39 (0.094")	1.88 <i>+0.051/-0.000</i>	0.38 <i>+/-0.052</i>	5.23	ECL-0018-0024D-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: N1540-0009, MIL-3215</i>
2.50 (0.098")	1.90 <i>+0.00/-0.06</i>	0.50 <i>+/-0.02</i>	4.40	ECL-0019-0025-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: D1500-0019, Ellison 6799, Seeger RA</i>
2.50 (0.098")	1.90 <i>+0.00/-0.06</i>	0.50 <i>+/-0.02</i>	4.40	ECL-0019-0025-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: D1500-0019KSF, Ellison 6799, Seeger RA</i>
2.79 (0.110")	1.98 <i>+1.02/-0.00</i>	0.51 <i>+/-0.038</i>	10.82	ECL-0020-0028-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-U078</i>
2.79 (0.110")	2.01 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	9.53	ECL-0020-0028B-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1501-X011</i>
2.79 (0.110")	2.07 <i>+0.051/-0.000</i>	0.51 <i>+/-0.025</i>	9.53	ECB-0021-0028-C	E-Clips - Bowed <i>Carbon Spring Steel: B1500-E079, Rotorclip BE, MIL 16634</i>
2.79 (0.110")	2.18 <i>+1.02/-0.00</i>	0.56 <i>+/-0.051</i>	7.16	ECL-0022-0028-CZ	E-Clips - Basic - Carbon Steel <i>Zinc Plated: A1500-C086</i>
3.00 (0.118")	2.30 <i>+0.00/-0.06</i>	0.60 <i>+/-0.02</i>	5.90	ECL-0023-0030-C	E-Clips - Basic - Carbon Steel <i>D1500-0023, Ellison 6799, Seeger RA</i>
3.00 (0.118")	2.30 <i>+0.00/-0.06</i>	0.60 <i>+/-0.02</i>	5.90	ECL-0023-0030-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: D1500-0023KSF, Ellison 6799, Seeger RA</i>
3.18 (0.125")	2.31 <i>+0.076/-0.00</i>	0.56 <i>+/-0.038</i>	7.14	ECL-0023-0032-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-S091</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.25 <i>+/-0.025</i>	5.84	ECB-0024-0032-S42	E-Clips - Bowed <i>PH 15-7 Mo Stainless Steel: N1501-0012KSF, S73KW2-131-12</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.25 <i>+/-0.025</i>	5.84	ECB-0024-0032-C	E-Clips - Bowed <i>Carbon Spring Steel: N1501-0012, Rotorclip BE, MIL 16634</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.84	ECL-0024-0032A-CZY	E-Clips - Basic - Carbon Steel <i>Zinc Plated Yellow, SAE1065-1090: N1500-0012AZD</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.84	ECL-0024-0032A-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1500-0012</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.84	ECL-0024-0032A-S42	E-Clips - Basic - Stainless Steel <i>420 Stainless Steel: N1500-0012KSF, S73LW2-ER133-12</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.84	ECL-0024-0032D-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: B1500-B095, MIL-3215</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.38 <i>+/-0.052</i>	6.85	ECL-0024-0032-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: N1540-0012, MIL-3215</i>
3.18 (0.125")	2.41 <i>+1.02/-0.00</i>	0.51 <i>+/-0.038</i>	9.50	ECL-0024-0032E-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-U095</i>
3.18 (0.125")	2.41 <i>+0.051/-0.000</i>	0.64 <i>+/-0.050</i>	5.43	ECL-0024-0032B-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: B1500-A095</i>
3.18 (0.125")	2.59 <i>+1.52/-0.00</i>	0.31 <i>+/-0.038</i>	9.55	ECL-0026-0032-C	E-Clips - Basic - Carbon Steel <i>Phosphate and oil finish: A1500-S102</i>
3.56 (0.140")	2.59 <i>+0.051/-0.000</i>	0.38 <i>+/-0.050</i>	5.16	ECL-0026-0036-C	E-Clips - Basic - Carbon Steel <i>SAE1065-1090: B1500-A102, A 9Q29-X14</i>
3.56 (0.140")	2.67 <i>+0.051/-0.000</i>	0.38 <i>+/-0.051</i>	6.86	ECB-0027-0036-C	E-Clips - Bowed <i>Carbon Spring Steel: N1501-0014, Rotorclip BE, MIL 16634</i>

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips					
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description
3.56 (0.140")	2.67 +0.051/-0.000	0.64 +/-0.050	6.85	ECL-0027-0036-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0014AZD
3.56 (0.140")	2.67 +0.051/-0.000	0.64 +/-0.050	6.85	ECL-0027-0036-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0014, A 9Q29-14
3.56 (0.140")	2.67 +0.051/-0.000	0.64 +/-0.050	6.85	ECL-0027-0036-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0014KSF
3.56 (0.140")	2.79 +0.051/-0.000	0.38	6.35	ECL-0028-0036-C	E-Clips - Basic - Carbon Steel N1500-Y014, A 9Q29-Y14
3.68 (0.145")	2.59 +0.051/-0.000	0.25 +/-0.051	5.16	ECB-0026-0037-C	E-Clips - Bowed Carbon Spring Steel: N1501-X014, Rotorclip BE, MIL 16634
3.97 (0.156")	2.95 +0.051/-0.000	0.38 +/-0.051	7.16	ECB-0029-0039-C	E-Clips - Bowed Carbon Spring Steel: N1501-0015, Rotorclip BE, MIL 16634
3.97 (0.156")	2.95 +0.051/-0.000	0.64 +/-0.050	7.16	ECL-0029-0040A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0015, A 9Q29-15
3.97 (0.156")	2.95 +0.051/-0.000	0.64 +/-0.050	7.16	ECL-0029-0040A-CZ	E-Clips - Basic - Carbon Steel Zinc Plated: N1500-0015AZD
3.97 (0.156")	2.95 +0.051/-0.000	0.64 +/-0.050	7.16	ECL-0029-0040A-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0015KSF, S73LW2-ER133-15
3.97 (0.156")	2.95 +0.051/-0.000	0.64 +/-0.052	8.51	ECL-0029-0039-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1540-0015, MIL-3215
3.97 (0.156")	3.00 +0.051/-0.000	1.06 +/-0.050	9.53	ECL-0030-0039-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish
3.97 (0.156")	3.01 +/-0.102	0.89 +/-0.052	8.13	ECL-0030-0039-C-KR	E-Clips - Klipping Carbon Steel: PO-015, Waldes 5304-T5304
3.97 (0.156")	3.05 +1.52/-0.00	0.61 +0.051/-0.000	7.87	ECL-0031-0039B-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-S120
3.97 (0.156")	3.05 +1.02/-0.00	0.61 +0.051/-0.000	8.13	ECL-0031-0039A-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-C120
3.97 (0.156")	3.15 +1.02/-0.00	0.31 +0.051/-0.000	10.31	ECL-0032-0039-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-C124
4.37 (0.172")	3.18 +1.02/-0.00	0.51 +0.051/-0.000	12.70	ECL-0032-0044-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-U125
4.37 (0.172")	3.23 +0.051/-0.000	0.38 +/-0.051	7.92	ECB-0032-0044-C	E-Clips - Bowed Carbon Spring Steel: N1501-X017, Rotorclip BE, MIL 16634
4.37 (0.172")	3.23 +0.051/-0.000	0.51	7.92	ECL-0032-0048D-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-A125
4.37 (0.172")	3.23 +0.051/-0.000	0.64 +/-0.050	7.92	ECL-0032-0044A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X017, A 9Q29-X17
4.45 (0.175")	3.18 +0.00/-0.075	0.60 +/-0.02	6.80	ECL-0032-0045-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0032KSF, Ellison 6799, Seeger RA
4.45 (0.175")	3.20 +0.00/-0.075	0.60 +/-0.02	6.80	ECL-0032-0045-C	E-Clips - Basic - Carbon Steel D1500-0032, MD6799MQB032
4.78 (0.188")	3.18 +0.051/-0.000	0.31	9.53	ECL-0032-0048C-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-Z125
4.78 (0.188")	3.18 +0.051/-0.000	0.38 +/-0.051	9.53	ECB-0032-0048-C	E-Clips - Bowed Carbon Spring Steel: N1501-X018, Rotorclip BE, MIL 16634
4.78 (0.188")	3.18 +0.051/-0.000	0.51	9.53	ECL-0032-0048E-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-X125
4.78 (0.188")	3.18 +0.051/-0.000	0.64 +/-0.050	9.53	ECL-0032-0048A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X018, A 9Q29-X18
4.78 (0.188")	3.20 +1.91/-0.00	0.61 +0.076/-0.000	8.89	ECL-0032-0048-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-S126
4.78 (0.188")	3.73 +0.051/-0.000	0.38 +/-0.051	8.51	ECB-0037-0048-C	E-Clips - Bowed Carbon Spring Steel: N1501-0018, Rotorclip BE, MIL 16634
4.78 (0.188")	3.73 +0.051/-0.000	0.38 +/-0.051	8.51	ECB-0037-0048-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0018KSF, S73KW2-131-18
4.78 (0.188")	3.73 +0.051/-0.000	0.51	8.51	ECL-0037-0048C-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-A147
4.78 (0.188")	3.73 +0.051/-0.000	0.64 +/-0.050	8.51	ECL-0037-0048A-CZ	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0018AZD

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips					
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description
4.78 (0.188")	3.73 +0.051/-0.000	0.64 +/-0.050	8.51	ECL-0037-0048A-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0018KSF, S73LW2-ER133-18
4.78 (0.188")	3.73 +0.051/-0.000	0.64 +/-0.050	8.51	ECL-0037-0048A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0018, A 9Q29-18
4.78 (0.188")	3.73 +0.051/-0.000	0.64 +/-0.052	9.53	ECL-0037-0048B-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1540-0018, MIL-3215
4.78 (0.188")	3.73 +0.051/-0.000	0.81 +/-0.052	8.51	ECL-0037-0048D-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-B147
4.78 (0.188")	3.76 +/-0.127	0.89 +/-0.052	10.16	ECL-0038-0048-C-KR	E-Clips - Klipring Carbon Steel: PO-018, Waldes 5304-T5304
4.78 (0.188")	3.76 +/-0.152	0.89 +/-0.052	10.16	ECL-0038-0048-S42-KRE-Clips - Klipring	420 Stainless Steel: PO-018-SS, Waldes 5304-T5304
5.00 (0.197")	4.00 +0.00/-0.075	0.70 +/-0.02	8.80	ECL-0040-0050-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0040, MD6799MQB040
5.00 (0.197")	4.00 +0.00/-0.075	0.70 +/-0.02	8.80	ECL-0040-0050-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0040KSF, Ellison 6799, Seeger RA
5.00 (0.197")	4.00 +0.00/-0.075	0.70 +/-0.02	8.85	ECL-0040-0050-CZ	E-Clips - Basic - Carbon Steel Zinc Plated: D1500-0040AZG, Ellison 6799, Seeger RA
5.56 (0.219")	4.45 +1.02/-0.00	0.31 +/-0.038	12.70	ECL-0044-0056-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-C175
5.56 (0.219")	4.60 +1.02/-0.00	0.64 +/-0.051	10.92	ECL-0046-0056-C	E-Clips - Basic - Carbon Steel A1500-C181
5.56 (0.219")	4.75 +2.54/-0.00	0.51 +/-0.038	17.48	ECL-0048-0056-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-U187
5.56 (0.219")	4.76 +0.076/-0.000	0.31 +/-0.052	11.10	ECB-0048-0056-C	E-Clips - Bowed Carbon Spring Steel: N1501-X021
5.56 (0.219")	4.76 +0.051/-0.000	0.64 +/-0.050	11.10	ECL-0048-0056A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X021, A 9Q29-X21
5.56 (0.219")	4.76 +/-0.051	0.64 +/-0.052	11.33	ECL-0048-0056A-CZ	E-Clips - Basic - Carbon Steel Zinc Plated: N1500-X021, MIL-3215, A 9Q29-X21
5.56 (0.219")	4.76 +0.051/-0.000	0.76 +/-0.052	11.10	ECL-0048-0056C-C	E-Clips - Basic - Carbon Steel SAE1065-1090: B1500-A188
6.00 (0.236")	5.00 +0.00/-0.075	0.70 +/-0.02	10.75	ECL-0050-0060-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0050, MD6799MQB050
6.00 (0.236")	5.00 +0.00/-0.075	0.70 +/-0.02	10.75	ECL-0050-0060-CZ	E-Clips - Basic - Carbon Steel Zinc Plated SAE1065-1090: D1500-0050AZG, Ellison 6799, Seeger RA
6.00 (0.236")	5.00 +0.00/-0.075	0.70 +/-0.02	10.75	ECL-0050-0060-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0050KSF, Ellison 6799, Seeger RA
6.35 (0.250")	5.33 +/-0.051	0.64 +/-0.052	13.11	ECL-0053-0064B-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1540-0025, MIL-3215
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.050	13.39	ECL-0053-0064A-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0025AZD
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.050	13.39	ECL-0053-0064A-CZ	E-Clips - Basic - Carbon Steel Zinc Plated Clear, SAE1065-1090: N1500-0025AZD
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.050	13.39	ECL-0053-0064A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0025
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.050	13.39	ECL-0053-0064A-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0025KSF, S73LW2-ER133-25
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.051	13.39	ECB-0053-0064-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0025KSF, S73KW2-131-25
6.35 (0.250")	5.33 +0.076/-0.000	0.64 +/-0.051	13.39	ECB-0053-0064-C	E-Clips - Bowed Carbon Spring Steel: N1501-0025, Rotorclip BE, MIL 16634
6.35 (0.250")	5.33 +/-0.152	0.89 +/-0.052	12.24	ECL-0053-0064-C-KR	E-Clips - Klipring Carbon Steel: PO-025, Waldes 5304-T5304
6.35 (0.250")	5.33 +/-0.152	0.89 +/-0.052	12.24	ECL-0053-0064-S42-KRE-Clips - Klipring	420 Stainless Steel: PO-025-SS, Waldes 5304-T5304
7.00 (0.276")	6.00 +0.00/-0.075	0.70 +/-0.02	11.75	ECL-0060-0070-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0060, Ellison 6799, Seeger RA
7.00 (0.276")	6.00 +0.00/-0.075	0.70 +/-0.02	11.75	ECL-0060-0070-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0060KSF, Ellison 6799, Seeger RA

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips					
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description
7.94 (0.313") +2.54/-0.00	6.33 +0.051/-0.000	0.38 +/-0.038	15.88	ECL-0063-0079-C	E-Clips - Basic - Carbon Steel A1500-C249
7.94 (0.313")	6.35 +0.076/-0.000	0.64 +/-0.050	12.70	ECL-0064-0079A-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-X031KSF, S73LW2-ER133-31
7.94 (0.313")	6.35 +0.076/-0.000	0.64 +/-0.050	12.70	ECL-0064-0079A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X031, A 9Q29-X31
7.94 (0.313")	6.35 +0.076/-0.000	0.89 +/-0.051	12.70	ECB-0064-0079-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-X031KSF, S73KW2-131-31
7.94 (0.313")	6.35	0.89	14.94	ECL-0064-0079C-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1540-0031
7.94 (0.313")	6.35 +0.076/-0.000	0.89 +/-0.051	12.70	ECB-0064-0079-C	E-Clips - Bowed Carbon Spring Steel: N1501-X031, Rotorclip BE, MIL 16634
7.94 (0.313")	6.91 +/-0.152	1.07 +/-0.052	14.94	ECL-0069-0079-S42-KRE-Clips	E-Clips - Klipring 420 Stainless Steel: PO-031-SS, Waldes 5304-T5304
7.94 (0.313")	6.91 +/-0.152	1.07 +/-0.052	14.94	ECL-0069-0079-C-KR	E-Clips - Klipring Carbon Steel: PO-031, Waldes 5304-T5304
8.00 (0.315")	7.00 +0.00/-0.09	0.90 +/-0.02	13.80	ECL-0070-0080-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0070, Ellison 6799, Seeger RA
8.00 (0.315")	7.00 +0.00/-0.09	0.90 +/-0.02	13.80	ECL-0070-0080-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0070KSF, Ellison 6799, Seeger RA
8.71 (0.343") +2.54/-0.00	7.14 +0.076/-0.000	0.51 +/-0.038	19.81	ECL-0071-0087-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-U281
9.00 (0.354")	8.00 +0.00/-0.09	1.00 +/-0.03	15.60	ECL-0080-0090-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0080, MD6799MQB080
9.00 (0.354")	8.00 +0.00/-0.09	1.00 +/-0.03	15.60	ECL-0080-0090-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0080KSF, Ellison 6799, Seeger RA
9.00 (0.354")	8.00 +0.00/-0.09	1.00 +/-0.03	15.75	ECL-0080-0090-CZ	E-Clips - Basic - Carbon Steel Zinc Plated: D1500-0080AZG, Ellison 6799, Seeger RA
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.050	16.76	ECL-0077-0095-CZ	E-Clips - Basic - Carbon Steel Zinc Plated Clear, SAE1065-1090: N1500-0037AZD
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.050	16.76	ECL-0077-0095-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0037AZD
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.050	16.76	ECL-0077-0095-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0037, A 9Q29-37
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.050	16.76	ECL-0077-0095-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0037KSF, S73LW2-ER133-37
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.051	16.76	ECB-0077-0095-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0037KSF, S73KW2-131-37
9.53 (0.375")	7.70 +0.076/-0.000	0.89 +/-0.051	16.76	ECB-0077-0095-C	E-Clips - Bowed Carbon Spring Steel: N1501-0037, Rotorclip BE, MIL 16634
9.53 (0.375")	8.41 +/-0.152	1.07 +/-0.052	17.27	ECL-0084-0095-CZ-KR	E-Clips - Klipring Zinc Plated Carbon Steel: PO-037-ZD, Waldes 5304-T5304
9.53 (0.375")	8.41 +/-0.152	1.07 +/-0.052	17.27	ECL-0084-0095-C-KR	E-Clips - Klipring Carbon Steel: PO-037, Waldes 5304-T5304
10.00 (0.394")	9.00 +0.00/-0.09	1.10 +/-0.03	18.20	ECL-0090-0100-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0090, MD6799MQB090
10.00 (0.394")	9.00 +0.00/-0.09	1.10 +/-0.03	18.20	ECL-0090-0100-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0090KSF, Ellison 6799, Seeger RA
11.00 (0.433")	10.00 +0.00/-0.09	1.20 +/-0.03	19.65	ECL-0100-0110-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0100, MD6799MQB100
11.00 (0.433")	10.00 +0.00/-0.09	1.20 +/-0.03	19.65	ECL-0100-0110-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0100KSF, Ellison 6799, Seeger RA
11.11 (0.437")	8.74 +0.076/-0.000	0.89 +/-0.050	17.45	ECL-0087-0111A-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1501-0043AZD
11.11 (0.437")	8.74 +0.076/-0.000	0.89 +/-0.050	17.45	ECL-0087-0111A-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1501-0043, A 9Q29-43
11.11 (0.437")	8.74 +0.076/-0.000	0.89 +/-0.051	17.45	ECB-0087-0111-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0043KSF, S73KW2-131-43
11.11 (0.437")	8.74 +0.076/-0.000	0.89 +/-0.050	17.45	ECL-0087-0111A-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1501-0043KSF, S73LW2-ER133-43

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips					
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description
11.11 (0.437")	8.74	0.89	18.95	ECL-0087-0111B-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1540-0043
11.11 (0.437")	9.65 +0.076/-0.000	0.89 +/-0.050	15.24	ECL-0097-0111-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1501-X043, A 9Q29-X43
11.11 (0.437")	9.91 +/-0.204	1.27 +/-0.052	19.10	ECL-0099-0111-CZ-KR	E-Clips - Klipring Zinc Plated Carbon Steel: PO-043-ZD, Waldes 5304-T5304
11.11 (0.437")	9.91 +/-0.204	1.27 +/-0.052	19.10	ECL-0099-0111-C-KR	E-Clips - Klipring Carbon Steel: PO-043, Waldes 5304-T5304
11.91 (0.469")	9.88 +1.91/-0.00	0.71 +/-0.051	17.45	ECL-0099-0119-C	E-Clips - Basic - Carbon Steel Phosphate and oil finish: A1500-S389
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.050	20.32	ECL-0101-0127-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0050AZD
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.050	20.32	ECL-0101-0127-CZ	E-Clips - Basic - Carbon Steel Zinc Plated Clear, SAE1065-1090: N1500-0050AZD
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.050	20.32	ECL-0101-0127-C	E-Clips - Basic - Carbon Steel N1500-0050, A 9Q29-50
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.050	20.32	ECL-0101-0127-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0050KSF, S73LW2-ER133-50
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.051	20.32	ECB-0101-0127-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0050KSF, S73KW2-131-50
12.70 (0.500")	10.06 +0.076/-0.000	1.07 +/-0.051	20.32	ECB-0101-0127-C	E-Clips - Bowed Carbon Spring Steel: N1501-0050, Rotorclip BE, MIL 16634
12.70 (0.500")	11.18 +/-0.204	1.27 +/-0.052	20.98	ECL-0112-0127-CZ-KR	E-Clips - Klipring Zinc Plated Carbon Steel: PO-050-ZD, Waldes 5304-T5304
12.70 (0.500")	11.18 +/-0.204	1.27 +/-0.052	20.98	ECL-0112-0127-C-KR	E-Clips - Klipring Carbon Steel: PO-050, Waldes 5304-T5304
12.70 (0.500")	11.18 +/-0.204	1.27 +/-0.052	20.98	ECL-0112-0127-S42-KRE-Clips	E-Clips - Klipring 420 Stainless Steel: PO-050-SS, Waldes 5304-T5304
13.00 (0.512")	12.00 +0.00/-0.11	1.30 +/-0.03	22.65	ECL-0120-0130-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0120, MD6799MQB120
13.00 (0.512")	12.00 +0.00/-0.11	1.30 +/-0.03	22.65	ECL-0120-0130-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: D1500-0120KSF, Ellison 6799, Seeger RA
15.88 (0.625")	12.32 +0.076/-0.000	1.07 +/-0.050	23.88	ECL-0123-0159-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0062AZD
15.88 (0.625")	12.32 +0.076/-0.000	1.07 +/-0.050	23.88	ECL-0123-0159-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0062
15.88 (0.625")	12.32 +0.076/-0.000	1.07 +/-0.050	23.88	ECL-0123-0159-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0062KSF, S73LW2-ER133-62
15.88 (0.625")	12.32 +0.102/-0.000	1.27 +/-0.051	23.88	ECB-0123-0159-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0062KSF, S73KW2-131-62
15.88 (0.625")	12.32 +0.102/-0.000	1.27 +/-0.051	23.88	ECB-0123-0159-C	E-Clips - Bowed Carbon Spring Steel: N1501-0062, Rotorclip BE, MIL 16634
15.88 (0.625")	13.49 +/-0.204	1.27 +/-0.052	24.54	ECL-0135-0159-C-KR	E-Clips - Klipring Carbon Steel: PO-062, Waldes 5304-T5304
15.88 (0.625")	13.49 +/-0.204	1.27 +/-0.052	24.54	ECL-0135-0159-S42-KRE-Clips	E-Clips - Klipring 420 Stainless Steel: PO-062-SS, Waldes 5304-T5304
16.00 (0.630")	15.00 +0.00/-0.11	1.50 +/-0.03	28.60	ECL-0150-0160-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0150, Ellison 6799, Seeger RA
16.00 (0.630")	15.00 +0.00/-0.11	1.50 +/-0.03	28.60	ECL-0150-0160-CZ	E-Clips - Basic - Carbon Steel Zinc Plated, SAE1065-1090: D1500-0150AZG, Ellison 6799, Seeger RA
18.90 (0.744")	15.88 +0.076/-0.000	1.27 +/-0.051	25.40	ECB-0159-0189-C	E-Clips - Bowed Carbon Spring Steel: N1501-X074, Rotorclip BE, MIL 16634
19.05 (0.750")	14.73 +0.076/-0.000	1.27 +/-0.050	28.45	ECL-0147-0191-CZ	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0075
19.05 (0.750")	14.73 +0.076/-0.000	1.27 +/-0.050	28.45	ECL-0147-0191-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0075
19.05 (0.750")	14.73 +0.076/-0.000	1.27 +/-0.050	28.45	ECL-0147-0191-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0075KSF, S73LW2-ER133-75
19.05 (0.750")	14.73 +0.102/-0.000	1.27 +/-0.051	28.58	ECB-0147-0191-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0075KSF, S73KW2-131-75

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

E-Clips						
Rec. Shaft Dia (S) (mm)	Groove Dia. (Dg) (mm)	Clip Thickness (T) (mm)	Clip OD Loose (D1) (mm)	Part Number	Description	
19.05 (0.750")	14.73 +0.102/-0.000	1.27 +/-0.051	28.58	ECB-0147-0191-C	E-Clips - Bowed Carbon Spring Steel: N1501-0075, Rotorclip BE, MIL 16634	
19.05 (0.750")	15.88 +0.076/-0.000	1.27 +/-0.050	25.40	ECL-0159-0191-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X074	
19.05 (0.750")	15.88 +0.076/-0.000	1.27 +/-0.051	25.40	ECB-0159-0191-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0075KSF, S73KW2-131-75	
19.05 (0.750")	15.88 +0.076/-0.000	1.27 +/-0.051	25.40	ECB-0159-0191-C	E-Clips - Bowed Carbon Spring Steel: N1501-0075, Rotorclip BE, MIL 16634	
19.05 (0.750")	16.05 +/-0.252	1.58 +/-0.076	15.09	ECL-0161-0191-C-KR	E-Clips - Klipring Carbon Steel: PO-075, Waldes 5304-T5304	
19.05 (0.750")	16.05 +/-0.252	1.58 +/-0.076	15.09	ECL-0161-0191-CZ-KR	E-Clips - Klipring Zinc Plated Carbon Steel: PO-075-ZD, Waldes 5304-T5304	
19.05 (0.750")	16.05 +/-0.252	1.58 +/-0.076	15.09	ECL-0161-0191-S42-KRE-Clips	E-Clips - Klipring 420 Stainless Steel: PO-075-SS, Waldes 5304-T5304	
20.00 (0.787")	19.00 +0.00/-0.13	1.75 +/-0.03	36.70	ECL-0190-0200-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0190, Ellison 6799, Seeger RA	
22.23 (0.875")	17.15 +0.076/-0.000	1.27 +/-0.050	33.02	ECL-0171-0222-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-0087	
22.23 (0.875")	17.15 +0.076/-0.000	1.27 +/-0.050	33.02	ECL-0171-0222-CZY	E-Clips - Basic - Carbon Steel Zinc Plated Yellow, SAE1065-1090: N1500-0087AZD	
22.23 (0.875")	17.15 +0.076/-0.000	1.27 +/-0.050	33.02	ECL-0171-0222-S42	E-Clips - Basic - Stainless Steel 420 Stainless Steel: N1500-0087KSF, S73LW2-ER133-87	
22.23 (0.875")	17.15 +0.102/-0.000	1.27 +/-0.051	33.02	ECB-0171-0222-S42	E-Clips - Bowed PH 15-7 Mo Stainless Steel: N1501-0087KSF, S73KW2-131-87	
22.23 (0.875")	17.15 +0.102/-0.000	1.27 +/-0.051	33.02	ECB-0171-0222-C	E-Clips - Bowed Carbon Spring Steel: N1501-0087, Rotorclip BE, MIL 16634	
24.99 (0.984")	21.21 +0.076/-0.000	1.27 +/-0.050	38.10	ECL-0212-0250-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X098, S73LW2-ER133-98C	
24.99 (0.984")	21.21 +0.076/-0.000	1.27 +/-0.051	38.10	ECB-0212-0250-C	E-Clips - Bowed Carbon Spring Steel: N1501-X098, Rotorclip BE, MIL 16634	
25.00 (0.984")	24.00 +0.00/-0.13	2.00 +/-0.03	43.65	ECL-0240-0250-C	E-Clips - Basic - Carbon Steel SAE1065-1090: D1500-0240, Ellison 6799, Seeger RA	
25.40 (1.000")	21.84 +/-0.252	1.98 +/-0.076	35.94	ECL-0218-0254-C-KR	E-Clips - Klipring Carbon Steel: PO-100, Waldes 5304-T5304	
30.16 (1.187")	27.41 +0.127/-0.000	1.58 +/-0.075	41.30	ECL-0274-0302-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X118	
30.16 (1.187")	27.41 +0.102/-0.000	1.58 +/-0.076	41.30	ECB-0274-0302-C	E-Clips - Bowed Carbon Spring Steel: N1501-X118, Rotorclip BE, MIL 16634	
31.75 (1.250")	27.69 +/-0.252	2.36 +/-0.076	45.72	ECL-0277-0318-C-KR	E-Clips - Klipring Carbon Steel: PO-125, Waldes 5304-T5304	
34.93 (1.375")	31.24 +0.127/-0.000	1.58 +/-0.075	47.63	ECL-0312-0349-C	E-Clips - Basic - Carbon Steel SAE1065-1090: N1500-X137	
34.93 (1.375")	31.24 +0.102/-0.000	1.58 +/-0.076	47.63	ECB-0312-0349-C	E-Clips - Bowed Carbon Spring Steel: N1501-X137, Rotorclip BE, MIL 16634	
38.10 (1.500")	33.45 +/-0.252	2.77 +/-0.076	52.07	ECL-0335-0381-C-KR	E-Clips - Klipring Carbon Steel: PO-150, Waldes 5304-T5304	
38.10 (1.500")	33.45 +/-0.252	3.18 +/-0.076	58.42	ECL-0335-0381-CZ-KR	E-Clips - Klipring Zinc Plated Carbon Steel: PO-150-ZD, Waldes 5304-T5304	
44.45 (1.750")	37.59 +/-0.381	3.18 +/-0.102	67.31	ECL-0376-0445-C-KR	E-Clips - Klipring Carbon Steel: PO-175, Waldes 5304-T5304	

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

TIPS

- The MBA circlip and e-clip range is sourced mostly from the USA. Some sizes are sourced from Europe.
- The range includes clips from major brands including Seeger, Anderton, Rotor Clip and more.
- Terminology clarification:
 - Australia/UK: External Circlip = USA: Snap Ring
 - Australia/UK: Internal Circlip = USA: Housing Ring
 - Australia/UK: Snap Ring = USA: Wire Ring
- This catalogue groups many similar types of clip together in ascending size order so that you don't need to look through multiple listings to find alternatives.
- Other types not listed in this catalogue include Snap Rings (External Wire Rings), Internal Wire Rings, No-Groove Circlips, Tabbed Circlips, C-Clips, Spiral Rings, Push-On and Push-In Rings.



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Circlip and E-Clip Range 2018