

























FEATURES:

- Easy to Insert, Lock, Remove and Reuse
- Precision made and Protected with Special Chromate Plating

1175

 1/16 x 1/2 P/N 915	 3/32 x 1 P/N 922	 7/64 x 1-1/2 P/N 91927	 1/8 x 2-1/2 P/N 933	 5/32 x 2-1/2 P/N 939	 3/16 x 3 P/N 945
 1/16 x 1 P/N 917	 3/32 x 1-1/2 P/N 924	 1/8 x 1 P/N 928	 5/32 x 1 P/N 935	 3/16 x 1-1/2 P/N 942	 5/32 x 3 P/N 940
 1/16 x 1-1/2 P/N 919	 3/32 x 2 P/N 926	 1/8 x 1-1/2 P/N 930	 5/32 x 1-1/2 P/N 936	 3/16 x 2 P/N 943	 1/4 x 2 P/N 949
 3/32 x 1/2 P/N 920	 7/64 x 1 P/N 91926	 1/8 x 2 P/N 932	 5/32 x 2 P/N 938	 1/4 x 1-1/2 P/N 948	 1/4 x 3 P/N 951

A19-1

TRAY FRONT



























CIC 200™ SPRING PIN ASSORTMENT

P/N 7720

FEATURES:

- Lightweight, high strength and reusable
- Precision made from carbon spring steel and chromate plated
- Triple heat treated

665

 1/16 x 1/4 P/N 46800	 5/64 x 1/2 P/N 46816	 3/32 x 1 P/N 46832	 5/32 x 1/2 P/N 46848	 3/16 x 1 P/N 46866	 3/16 x 2 P/N 46874
 1/16 x 1/2 P/N 46804	 5/64 x 3/4 P/N 46822	 1/8 x 3/8 P/N 46834	 5/32 x 1 P/N 46852	 7/32 x 3/4 P/N 46876	 7/32 x 2 P/N 46886
 1/16 x 3/4 P/N 46808	 3/32 x 1/4 P/N 46826	 1/8 x 1 P/N 46840	 5/32 x 1-1/2 P/N 46856	 7/32 x 1-1/2 P/N 46882	 1/4 x 2 P/N 46898
 5/64 x 1/4 P/N 46812	 3/32 x 3/4 P/N 46830	 1/8 x 1-1/2 P/N 46844	 3/16 x 5/8 P/N 46862	 1/4 x 1 P/N 46890	 1/4 x 3 P/N 46902

A192

TRAY FRONT








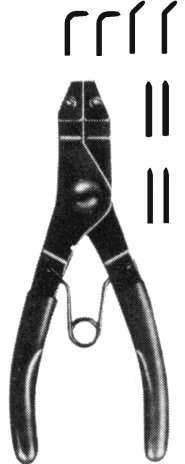















INTERNAL SNAP RING ASSORTMENT WITH PLIERS

P/N 7721

FEATURES:

- Precision made from high strength carbon spring steel
- Chromate plated
- Triple heat treated

321

 1/4 P/N 47000	 5/16 P/N 47001	 3/8 P/N 47002	 7/16 P/N 47003	 1/2 P/N 47004	 PLIERS P/N 47089
 9/16 P/N 47005	 5/8 P/N 47006	 11/16 P/N 47007	 3/4 P/N 47008	 13/16 P/N 47009	
 7/8 P/N 47010	 15/16 P/N 47011	 1" P/N 47012	 1.023 P/N 47013	 1-1/16 P/N 47014	
 1-1/8 P/N 47015	 1-3/16 P/N 47016	 1-1/4 P/N 47017	 1-5/16 P/N 47018	 1-3/8 P/N 47019	

A193

TRAY FRONT








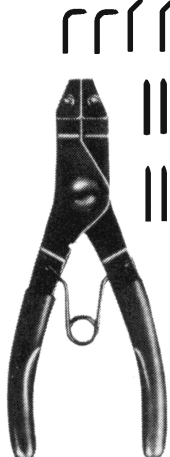















EXTERNAL SNAP RING ASSORTMENT WITH PLIERS

P/N 7722

FEATURES:

- Precision made from high strength carbon spring steel
- Chromate plated
- Triple heat treated

350

 1/4 P/N 47027	 5/16 P/N 47028	 3/8 P/N 47029	 7/16 P/N 47030	 1/2 P/N 47031	 PLIERS P/N 47088
 9/16 P/N 47032	 5/8 P/N 47033	 11/16 P/N 47034	 3/4 P/N 47035	 25/32 P/N 47036	
 13/16 P/N 47037	 7/8 P/N 47038	 15/16 P/N 47039	 1" P/N 47040	 1.023 P/N 47041	
 1-1/16 P/N 47042	 1-1/8 P/N 47043	 1-3/16 P/N 47044	 1-1/4 P/N 47045	 1-5/16 P/N 47046	

A194

TRAY FRONT
























INTERNAL-EXTERNAL SNAP RING ASSORTMENT WITH 2 PLIERS I

P/N 7723

FEATURES:

- Precision made from high strength carbon spring steel
- Chromate plated
- Triple heat treated

427

 1/4 P/N 47000	 5/16 P/N 47001	 3/8 P/N 47002	 7/16 P/N 47003	 1/2 P/N 47004	 2 PLIERS P/N 47088 EXTERNAL P/N 47089 INTERNAL
 9/16 P/N 47005	 5/8 P/N 47006	 11/16 P/N 47007	 3/4 P/N 47008	 13/16 P/N 47009	
 1/4 P/N 47027	 5/16 P/N 47028	 3/8 P/N 47029	 7/16 P/N 47030	 1/2 P/N 47031	
 9/16 P/N 47032	 5/8 P/N 47033	 11/16 P/N 47034	 3/4 P/N 47035	 25/32 P/N 47036	

A195

TRAY FRONT



INTERNAL-EXTERNAL SNAP RING ASSORTMENT WITH 2 PLIERS II

P/N 7724

FEATURES:

- Precision made from high strength carbon spring steel
- Chromate plated
- Triple heat treated

247

<p>7/8 P/N 47010</p>	<p>15/16 P/N 47011</p>	<p>1" P/N 47012</p>	<p>1.023 P/N 47013</p>	<p>1-1/16 P/N 47014</p>	<p>2 PLIERS P/N 47088 (EXTERNAL)</p> <p>P/N 47089 (INTERNAL)</p>
<p>1-1/8 P/N 47015</p>	<p>1-3/16 P/N 47016</p>	<p>1-1/4 P/N 47017</p>	<p>1-5/16 P/N 47018</p>	<p>1-3/8 P/N 47019</p>	
<p>13/16 P/N 47037</p>	<p>7/8 P/N 47038</p>	<p>15/16 P/N 47039</p>	<p>1" P/N 47040</p>	<p>1.023 P/N 47041</p>	
<p>1-1/16 P/N 47042</p>	<p>1-1/8 P/N 47043</p>	<p>1-3/16 P/N 47044</p>	<p>1-1/4 P/N 47045</p>	<p>1-5/16 P/N 47046</p>	





















A196

TRAY FRONT

FEATURES:

- Precision made from high strength carbon spring steel and chromate plated
- Triple heat treated

590

 SHAFT: 1/16 GROOVE: .052 THICKNESS: .010 OD: .140 P/N 47052	 SHAFT: 1/16 GROOVE: .052 THICKNESS: .010 OD: .156 P/N 47053	 SHAFT: 3/32 GROOVE: .074 THICKNESS: .015 OD: .156 P/N 47054	 SHAFT: 1/8 GROOVE: .095 THICKNESS: .015 OD: .203 P/N 47055	 SHAFT: 9/64 GROOVE: .102 THICKNESS: .015 OD: .203 P/N 47056	EXPANSION		
 SHAFT: 9/64 GROOVE: .105 THICKNESS: .025 OD: .270 P/N 47057	 SHAFT: 5/32 GROOVE: .116 THICKNESS: .025 OD: .270 P/N 47058	 SHAFT: 11/64 GROOVE: .127 THICKNESS: .025 OD: .335 P/N 47059	 SHAFT: 3/16 GROOVE: .147 THICKNESS: .025 OD: .335 P/N 47060	 SHAFT: 3/16 GROOVE: .125 THICKNESS: .025 OD: .375 P/N 47061		EXPANSION	
 SHAFT: 7/32 GROOVE: .188 THICKNESS: .025 OD: .270 P/N 47062	 SHAFT: 1/4 GROOVE: .210 THICKNESS: .025 OD: .270 P/N 47063	 SHAFT: 5/16 GROOVE: .250 THICKNESS: .025 OD: .335 P/N 47064	 SHAFT: 3/8 GROOVE: .303 THICKNESS: .035 OD: .335 P/N 47065	 SHAFT: 7/16 GROOVE: .343 THICKNESS: .035 OD: .687 P/N 47066			EXPANSION
 SHAFT: 7/16 GROOVE: .380 THICKNESS: .035 OD: .600 P/N 47067	 SHAFT: 1/2 GROOVE: .396 THICKNESS: .042 OD: .600 P/N 47068	 SHAFT: 5/8 GROOVE: .402 THICKNESS: .0485 OD: .600 P/N 47069	 SHAFT: .744 GROOVE: .625 THICKNESS: .050 OD: .600 P/N 47070	 SHAFT: 3/4 GROOVE: .580 THICKNESS: .050 OD: .600 P/N 47071			

A197

TRAY FRONT



CIC 200™ CLEVIS PIN AND HAIR PIN COTTER ASSORTMENT – 3/16 TO 5/16

P/N 17719

FEATURES:

- A multi-hole fastener for quick and easy length adjustments
- Manufactured with 1010, 1018 and 1022 steel
- Cotter pins are reusable, provide quick installation, and are strong and reusable
- Accurately formed from quality spring steel and protected with chromate plating

280



3/16 x 1-1/2 CLEVIS PIN
P/N 46950



3/16 x 2 CLEVIS PIN
P/N 46952



1/4 x 1-1/2 CLEVIS PIN
P/N 46953



1/4 x 2 CLEVIS PIN
P/N 46955



1/4 x 3 CLEVIS PIN
P/N 46957



5/16 x 1-1/2 CLEVIS PIN
P/N 46958



5/16 x 2 CLEVIS PIN
P/N 46960



5/16 x 2 CLEVIS PIN
P/N 46962



14ga (.080") x 1-9/16
HAIR PIN COTTER
P/N 47098



13ga (.091") x 1-5/8
HAIR PIN COTTER
P/N 47090



13ga (.091") x 2-5/16
HAIR PIN COTTER
P/N 47092



13ga (.091") x 2-1/2
HAIR PIN COTTER
P/N 47096

A198

TRAY FRONT



CIC 200™ CLEVIS PIN AND HAIR PIN COTTER ASSORTMENT – 3/8 TO 3/4

P/N 17720

FEATURES:

- A multi-hole fastener for quick and easy length adjustments
- Manufactured with 1010, 1018 and 1022 steel
- Cotter pins are reusable, provide quick installation and are strong and reusable
- Accurately formed from quality spring steel and protected with chromate plating

86



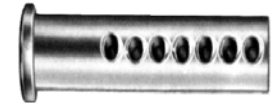
3/8 x 1-1/2 CLEVIS PIN
P/N 46965



7/16 x 2 CLEVIS PIN
P/N 46972



1/2 x 2 CLEVIS PIN
P/N 46977



5/8 x 2 CLEVIS PIN
P/N 46982



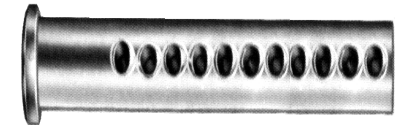
3/8 x 2 CLEVIS PIN
P/N 46967



7/16 x 3 CLEVIS PIN
P/N 46974



1/2 x 3 CLEVIS PIN
P/N 46979



3/4 x 3 CLEVIS PIN
P/N 46985



3/8 x 3 CLEVIS PIN
P/N 46969



11ga (.125") x 1-15/16
HAIR PIN COTTER
P/N 47097



11ga (.125") x 2-9/16
HAIR PIN COTTER
P/N 47095



9 ga (.148") x 3-5/16
HAIR PIN COTTER
P/N 47094

A199

TRAY FRONT

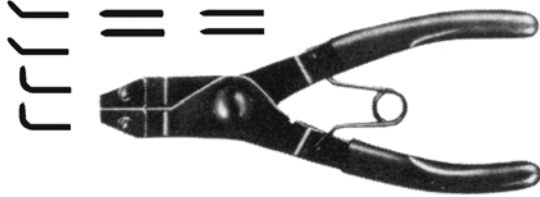













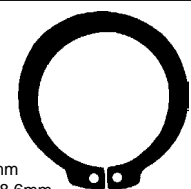
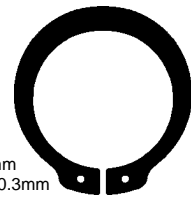
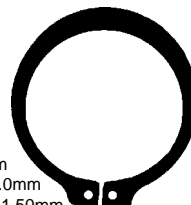




CIC 200™ METRIC EXTERNAL RETAINING RING ASSORTMENT

P/N 17726

FEATURES:

- High carbon steel
- Makes contact with the grooved shaft along its entire periphery, ensuring high thrust load capacity

225

 <p>ADJUSTABLE EXTERNAL RETAINING RING P/N 47088</p>				 <p>SHAFT: 4mm GROOVE: 3.8mm THICKNESS: 0.40mm P/N 47304</p>	 <p>SHAFT: 6mm GROOVE: 5.7mm THICKNESS: 0.70mm P/N 47306</p>
 <p>SHAFT: 8mm GROOVE: 7.6mm THICKNESS: 0.80mm P/N 47308</p>	 <p>SHAFT: 10mm GROOVE: 9.6mm THICKNESS: 1.00mm P/N 47310</p>	 <p>SHAFT: 12mm GROOVE: 11.5mm THICKNESS: 1.00mm P/N 47312</p>	 <p>SHAFT: 14mm GROOVE: 13.4mm THICKNESS: 1.00mm P/N 47314</p>	 <p>SHAFT: 15mm GROOVE: 14.3mm THICKNESS: 1.00mm P/N 47315</p>	 <p>SHAFT: 16mm GROOVE: 15.2mm THICKNESS: 1.00mm P/N 47316</p>
 <p>SHAFT: 18mm GROOVE: 17.0mm THICKNESS: 1.20mm P/N 47318</p>	 <p>SHAFT: 20mm GROOVE: 19.0mm THICKNESS: 1.20mm P/N 47320</p>	 <p>SHAFT: 22mm GROOVE: 21.0mm THICKNESS: 1.20mm P/N 47322</p>	 <p>SHAFT: 25mm GROOVE: 23.9mm THICKNESS: 1.20mm P/N 47325</p>	 <p>SHAFT: 28mm GROOVE: 26.6mm THICKNESS: 1.50mm P/N 47328</p>	 <p>SHAFT: 30mm GROOVE: 28.6mm THICKNESS: 1.50mm P/N 47330</p>
 <p>SHAFT: 32mm GROOVE: 30.3mm THICKNESS: 1.50mm P/N 47332</p>	 <p>SHAFT: 35mm GROOVE: 33.0mm THICKNESS: 1.50mm P/N 47335</p>	 <p>SHAFT: 36mm GROOVE: 34.0mm THICKNESS: 1.75mm P/N 47336</p>	 <p>SHAFT: 38mm GROOVE: 36.0mm THICKNESS: 1.75mm P/N 47338</p>	 <p>SHAFT: 40mm GROOVE: 37.5mm THICKNESS: 1.75mm P/N 47340</p>	 <p>SHAFT: 42mm GROOVE: 39.5mm THICKNESS: 1.75mm P/N 47342</p>

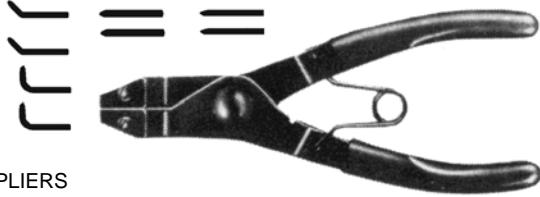









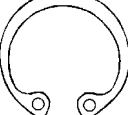
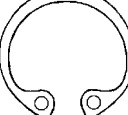
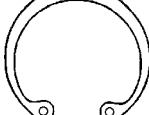


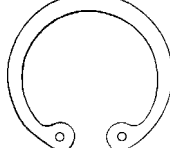
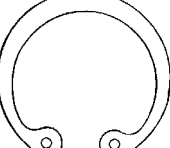




A19-10

TRAY FRONT

FEATURES:

- High carbon steel
- Makes contact with the grooved housing along most of its periphery, ensuring high thrust load capacity

251

 <p>ADJUSTABLE INTERNAL RETAINING RING PLIERS P/N 47089</p>				 <p>HOUSING: 10mm GROOVE: 10.4mm THICKNESS: 1.00mm P/N 47510</p>	 <p>HOUSING: 12mm GROOVE: 12.5mm THICKNESS: 1.00mm P/N 47512</p>
 <p>HOUSING: 14mm GROOVE: 14.6mm THICKNESS: 1.00mm P/N 47514</p>	 <p>HOUSING: 15mm GROOVE: 15.7mm THICKNESS: 1.00mm P/N 47515</p>	 <p>HOUSING: 16mm GROOVE: 16.8mm THICKNESS: 1.00mm P/N 47516</p>	 <p>HOUSING: 18mm GROOVE: 19.0mm THICKNESS: 1.00mm P/N 47518</p>	 <p>HOUSING: 19mm GROOVE: 20.0mm THICKNESS: 1.00mm P/N 47519</p>	 <p>HOUSING: 20mm GROOVE: 21.0mm THICKNESS: 1.00mm P/N 47520</p>
 <p>HOUSING: 22mm GROOVE: 23.0mm THICKNESS: 1.00mm P/N 47522</p>	 <p>HOUSING: 24mm GROOVE: 25.2mm THICKNESS: 1.20mm P/N 47524</p>	 <p>HOUSING: 25mm GROOVE: 26.2mm THICKNESS: 1.20mm P/N 47525</p>	 <p>HOUSING: 27mm GROOVE: 28.4mm THICKNESS: 1.20mm P/N 47527</p>	 <p>HOUSING: 28mm GROOVE: 29.4mm THICKNESS: 1.20mm P/N 47528</p>	 <p>HOUSING: 29mm GROOVE: 30.4mm THICKNESS: 1.20mm P/N 47529</p>
 <p>HOUSING: 30mm GROOVE: 31.4mm THICKNESS: 1.20mm P/N 47530</p>	 <p>HOUSING: 32mm GROOVE: 33.7mm THICKNESS: 1.20mm P/N 47532</p>	 <p>HOUSING: 35mm GROOVE: 37.0mm THICKNESS: 1.50mm P/N 47535</p>	 <p>HOUSING: 38mm GROOVE: 40.0mm THICKNESS: 1.50mm P/N 47538</p>	 <p>HOUSING: 40mm GROOVE: 42.5mm THICKNESS: 1.75mm P/N 47540</p>	 <p>HOUSING: 42mm GROOVE: 44.5mm THICKNESS: 1.75mm P/N 47542</p>

A19-11

TRAY FRONT



































CIC 200™ METRIC SPRING PINS ASSORTMENT

P/N 17731

FEATURES:

- Lightweight, high strength and reusable
- Precision made from carbon spring steel
- Triple heat treated

890

 1 x 10mm P/N 47552	 1 x 16mm P/N 47554	 1 x 20mm P/N 47556	 1.5 x 16mm P/N 47560	 1.5 x 20mm P/N 47562	 2 x 10mm P/N 47564	 2 x 16mm P/N 47567	 2 x 20mm P/N 47569
 2 x 30mm P/N 47571	 2.5 x 10mm P/N 47573	 2.5 x 16mm P/N 47575	 2.5 x 20mm P/N 47577	 2.5 x 30mm P/N 47579	 3 x 10mm P/N 47581	 3 x 16mm P/N 47583	 3 x 20mm P/N 47584
 3 x 30mm P/N 47587	 3 x 40mm P/N 47589	 3.5 x 16mm P/N 47591	 3.5 x 20mm P/N 47592	 3.5 x 30mm P/N 47594	 3.5 x 40mm P/N 47596	 4 x 20mm P/N 47600	 4 x 30mm P/N 47602
 4 x 40mm P/N 47604	 4.5 x 20mm P/N 47608	 4.5 x 30mm P/N 47610	 4.5 x 40mm P/N 47612	 5 x 20mm P/N 47615	 5 x 30mm P/N 47617	 5 x 40mm P/N 47618	 5 x 60mm P/N 47620

A19-12

TRAY FRONT

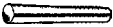
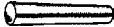
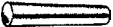


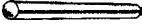
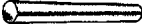

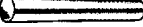

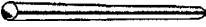
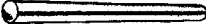
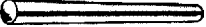
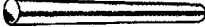

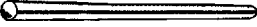



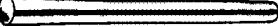
CIC 200™ TAPER PINS ASSORTMENT

P/N 17757

FEATURES:

- An aid in hole alignment
- Low carbon steel C-12L14 machined to a 63 micro-finish (max.)
- Tolerance of +.0013/-.007 on the major diameter
- Conforms to specification MS 24692 and ANSI 18.8.2

305

 0 x 3/4 P/N 46502	 1 x 3/4 P/N 46517	 2 x 3/4 P/N 46532	 3 x 3/4 P/N 46555	 3 x 2-1/2 P/N 46563	EXPANSION		
 0 x 1 P/N 46504	 1 x 1 P/N 46519	 2 x 1 P/N 46534	 3 x 1 P/N 46557	 4 x 1 P/N 46580		EXPANSION	
 0 x 1-1/2 P/N 46506	 1 x 1-1/2 P/N 46521	 2 x 1-1/2 P/N 46536	 3 x 1-1/2 P/N 46559	 4 x 1-1/2 P/N 46582			EXPANSION
 0 x 2 P/N 46508	 1 x 2 P/N 46523	 2 x 2 P/N 46538	 3 x 2 P/N 46561	 4 x 2 P/N 46584			

A1913

TRAY FRONT









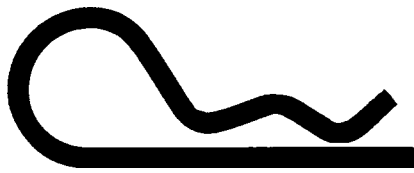
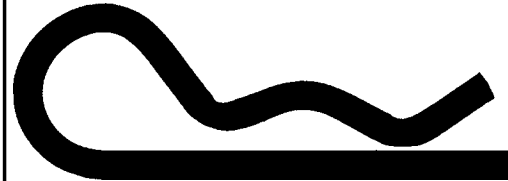


HAIR PIN COTTERS ASSORTMENT

P/N 17791

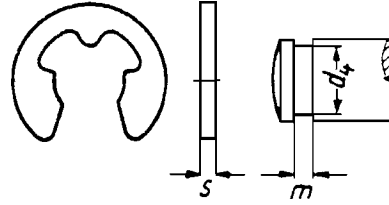
FEATURES:

- Quick installation and reuseable
- Accurately formed from quality spring steel
- Protected with Chromate plating

245

 <p>14 GA x 1-9/16" P/N 47098</p>	 <p>13 GA x 2-5/16" P/N 47092</p>	 <p>9 GA x 3-5/16" P/N 47094</p>	 <p>7 GA x 3-3/4" P/N 47093</p>
 <p>13 GA x 1-5/8" P/N 47090</p>	 <p>11 GA x 1-15/16" P/N 47097</p>	 <p>7 GA x 3-1/4" P/N 47091</p>	 <p>3 GA x 4" P/N 47099</p>
 <p>13 GA x 2-1/2" P/N 47096</p>	 <p>11 GA x 2-9/16" P/N 47095</p>	TRAY FRONT	

11-614


















METRIC "E" (RETAINING) RINGS

P/N 17811

FEATURES:

- The three prongs of this popular retaining ring make contact with the bottom of the groove, resulting in exceptional thrust loadings
- Hardness HRC 46 to 54
- DIN 6799

1775

 SHAFT DIA.: 1.2mm RING THICKNESS (S): .3mm GROOVE DIA. (D ⁴): 1.2mm GROOVE WIDTH (M): .34mm P/N 47350	 SHAFT DIA.: 1.5mm RING THICKNESS (S): .4mm GROOVE DIA. (D ⁴): 1.5mm GROOVE WIDTH (M): .44mm P/N 47351	 SHAFT DIA.: 1.9mm RING THICKNESS (S): .5mm GROOVE DIA. (D ⁴): 1.9mm GROOVE WIDTH (M): .54mm P/N 47352	 SHAFT DIA.: 2.3mm RING THICKNESS (S): .6mm GROOVE DIA. (D ⁴): 2.3mm GROOVE WIDTH (M): .64mm P/N 47353
 SHAFT DIA.: 3.2mm RING THICKNESS (S): .6mm GROOVE DIA. (D ⁴): 3.2mm GROOVE WIDTH (M): .64mm P/N 47354	 SHAFT DIA.: 4mm RING THICKNESS (S): .7mm GROOVE DIA. (D ⁴): 4mm GROOVE WIDTH (M): .74mm P/N 47355	 SHAFT DIA.: 5mm RING THICKNESS (S): .7mm GROOVE DIA. (D ⁴): 5mm GROOVE WIDTH (M): .74mm P/N 47356	 SHAFT DIA.: 6mm RING THICKNESS (S): .7mm GROOVE DIA. (D ⁴): 6mm GROOVE WIDTH (M): .74mm P/N 47357
 SHAFT DIA.: 7mm RING THICKNESS (S): .9mm GROOVE DIA. (D ⁴): 7mm GROOVE WIDTH (M): .94mm P/N 47358	 SHAFT DIA.: 8mm RING THICKNESS (S): 1.0mm GROOVE DIA. (D ⁴): 8mm GROOVE WIDTH (M): 1.05mm P/N 47359	 SHAFT DIA.: 9mm RING THICKNESS (S): 1.1mm GROOVE DIA. (D ⁴): 9mm GROOVE WIDTH (M): 1.15mm P/N 47360	 SHAFT DIA.: 10mm RING THICKNESS (S): 1.2mm GROOVE DIA. (D ⁴): 10mm GROOVE WIDTH (M): 1.25mm P/N 47361
 SHAFT DIA.: 12mm RING THICKNESS (S): 1.3mm GROOVE DIA. (D ⁴): 12mm GROOVE WIDTH (M): 1.35mm P/N 47362	 SHAFT DIA.: 15mm RING THICKNESS (S): 1.5mm GROOVE DIA. (D ⁴): 15mm GROOVE WIDTH (M): 1.55mm P/N 47363	 SHAFT DIA.: 19mm RING THICK. (S): 1.75mm GROOVE DIA. (D ⁴): 19mm GROOVE WIDTH (M): 1.80mm P/N 47364	

A13-V

TRAY FRONT




















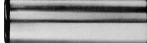


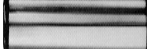
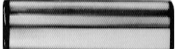
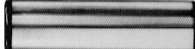

METRIC DOWEL PIN ASSORTMENT

P/N 17810

FEATURES:

- Hardened steel
- Hardness HRC 58 to 62
- Precision ground

259

 4mm x 12mm P/N 47656	 4mm x 16mm P/N 47657	 4mm x 20mm P/N 47658	 4mm x 25mm P/N 47659	 5mm x 16mm P/N 47661	 5mm x 20mm P/N 47662
 5mm x 25mm P/N 47663	 5mm x 30mm P/N 47664	 6mm x 20mm P/N 47666	 6mm x 25mm P/N 47667	 6mm x 30mm P/N 47668	 6mm x 35mm P/N 47669
 8mm x 20mm P/N 47671	 8mm x 25mm P/N 47672	 8mm x 30mm P/N 47673	 8mm x 35mm P/N 47674	 10mm x 25mm P/N 47676	 10mm x 30mm P/N 47677
 10mm x 35mm P/N 47678	 10mm x 40mm P/N 47679	 12mm x 30mm P/N 47681	 12mm x 35mm P/N 47682	 12mm x 40mm P/N 47683	 12mm x 50mm P/N 47684

A19-16

TRAY FRONT



























CIC 200 DOWEL PIN ASSORTMENT

P/N 17835

FEATURES:

- .0002" over listed diameter
- Rust resistant black luster finish
- Precision ground
- Heat treated to core hardness of HRC 47-5 and surface hardness of HRC 60
- Meets ASME/ANSI B18.8.2

345

 1/8 x 3/8 P/N 47100	 1/8 x 1/2 P/N 47101	 1/8 x 3/4 P/N 47103	 1/8 x 1 P/N 47105	 1/8 x 1-1/4 P/N 47106	 1/8 x 1-1/2 P/N 47107
 3/16 x 1/2 P/N 47109	 3/16 x 3/4 P/N 47111	 3/16 x 1 P/N 47113	 3/16 x 1-1/2 P/N 47115	 3/16 x 2 P/N 47117	 1/4 x 1/2 P/N 47118
 1/4 x 3/4 P/N 47120	 1/4 x 1 P/N 47122	 1/4 x 1-1/4 P/N 47123	 1/4 x 1-1/2 P/N 47124	 1/4 x 2 P/N 47126	 5/16 x 3/4 P/N 47131
 5/16 x 1 P/N 47133	 5/16 x 1-1/2 P/N 47135	 5/16 x 2 P/N 47137	 3/8 x 1 P/N 47145	 3/8 x 1-1/2 P/N 47147	 3/8 x 2 P/N 47149

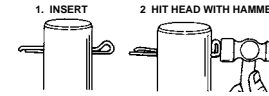
A1-917

TRAY FRONT












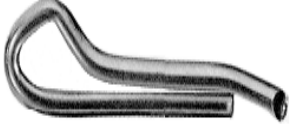












HAMMERLOCK COTTER PIN ASSORTMENT

P/N 17872
FEATURES:

- Made from low carbon steel and zinc plated
- Special design locks the cotter in place with one hammer blow
- Made for semi-permanent applications
- Size is based upon effective length as measured from under head to end of prong



3095

 1/16 x 1/2 P/N 90100	 3/32 x 1 P/N 90110	 7/64 x 1-1/2 P/N 90118	 1/8 x 2-1/2 P/N 90128	 5/32 x 2-1/2 P/N 90139	 3/16 x 3 P/N 90148
 1/16 x 1 P/N 90102	 3/32 x 1-1/2 P/N 90112	 1/8 x 1 P/N 90123	 5/32 x 1 P/N 90133	 5/32 x 3 P/N 90140	 1/4 x 1-1/2 P/N 90155
 1/16 x 1-1/2 P/N 90104	 3/32 x 2 P/N 90114	 1/8 x 1-1/2 P/N 90125	 5/32 x 1-1/2 P/N 90135	 3/16 x 1-1/2 P/N 90145	 1/4 x 2 P/N 90156
 3/32 x 1/2 P/N 90108	 7/64 x 1 P/N 90116	 1/8 x 2 P/N 90127	 5/32 x 2 P/N 90137	 3/16 x 2 P/N 90146	 1/4 x 3 P/N 90158

A13-18

TRAY FRONT



















HAIR PIN COTTERS ASSORTMENT

22 Gauge to 13 Gauge P/N 17990

FEATURES:

- Quick installation and reusable
- Accurately formed from quality spring steel
- Protected with Chromate plating

725

 22 GA x .6" P/N 47365	 18 GA x 1-9/16" P/N 47370	 16 GA x 1-9/16" P/N 47374	 13 GA x 1-5/8" P/N 47090
 20 GA x 7/16" P/N 47366	 17 GA x 3/4" P/N 47371	 15 GA x 1-3/32" P/N 47375	 13 GA x 2-5/16" P/N 47092
 19 GA x 1" P/N 47368	 17 GA x 7/8" P/N 47372	 15 GA x 1-7/8" P/N 47376	 13 GA x 2" P/N 47378
 18 GA x 19/32" P/N 47369	 16 GA x 1-5/16" P/N 47373	 14 GA x 1-9/16" P/N 47098	 13 GA x 2-1/2" P/N 47096

TRAY FRONT

A19-19



HAIR PIN COTTERS ASSORTMENT

11 Gauge to 0 Gauge

P/N 17991

FEATURES:

- Quick installation and reuseable
- Accurately formed from quality spring steel
- Protected with Chromate plating

105

<p>11 GA x 1-15/16" P/N 47097</p>	<p>9 GA x 2-15/16" P/N 47383</p>	<p>7 GA x 3-3/4" P/N 47093</p>	<p>3 GA x 5-1/8" P/N 47387</p>
<p>11 GA x 2-9/16" P/N 47095</p>	<p>7 GA x 3-1/4" P/N 47091</p>	<p>3 GA x 4" P/N 47099</p>	<p>0 GA x 4-1/16" P/N 47389</p>

TRAY FRONT

A19-20