

CIC 200™ MULTI-GRIP PULL RIVET ASSORTMENT










P/N 7740

FEATURES:

- Only Chromate multi-grip pull rivets adapt to hole size variance and pull up snug regardless of material thickness
- Only a few sizes cover the applications of up to 15 standard rivets

750

A22-1

<p style="text-align: center;">DOME HEAD</p>  <p>1/8 DIAM. 1/32 to 3/16 GRIP #29 DRILL P/N 6850</p>	<p style="text-align: center;">DOME HEAD</p> 	<p style="text-align: center;">120° C'S'K'</p>  <p>1/8 DIAM. 3/32 to 1/4 GRIP #29 DRILL P/N 6867</p>	<p style="text-align: center;">LARGE FLANGE</p> 
<p style="text-align: center;">DOME HEAD</p>  <p>1/8 DIAM. 1/8 to 5/16 GRIP #29 DRILL P/N 6853</p>	<p>3/16 DIAM. 1/16 to 1/4 GRIP #8 DRILL P/N 6860</p>	<p style="text-align: center;">LARGE FLANGE</p> 	<p>3/16 DIAM. 1/4 to 1/2 GRIP #8 DRILL P/N 6879</p>
<p style="text-align: center;">DOME HEAD</p>  <p>5/32 DIAM. 3/64 to 1/4 GRIP #19 DRILL P/N 6855</p>	<p style="text-align: center;">DOME HEAD</p>  <p>3/16 DIAM. 3/16 to 7/16 GRIP #8 DRILL P/N 6865</p>	<p>1/8 DIAM. 1/32 to 3/16 GRIP #29 DRILL P/N 6875</p>	<p style="text-align: center;">LARGE FLANGE</p>  <p>3/16 DIAM. 1/2 to 25/32 GRIP #8 DRILL P/N 6882</p>

TRAY FRONT







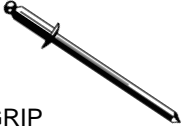
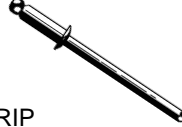



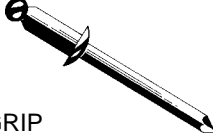

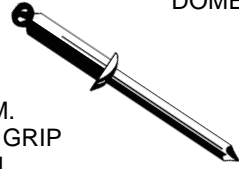


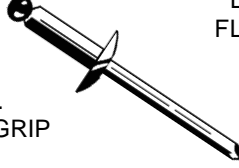
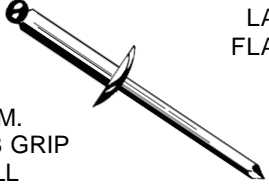
CIC 200™ ALUMINUM/STEEL PULL RIVET ASSORTMENT

P/N 7737

FEATURES:

- A convenient assortment of aluminum/steel rivets that includes both dome and large flange styles

1235

<p>DOME HEAD</p>  <p>3/32 DIAM. to 1/8 GRIP #41 DRILL P/N 9851</p>	<p>DOME HEAD</p>  <p>3/32 DIAM. 1/8 to 1/4 GRIP #41 DRILL P/N 9852</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. to 1/16 GRIP #30 DRILL P/N 9858</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. 1/16 to 1/8 GRIP #30 DRILL P/N 9859</p>
<p>DOME HEAD</p>  <p>1/8 DIAM. 1/8 to 3/16 GRIP #30 DRILL P/N 9860</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. 3/16 to 1/4 GRIP #30 DRILL P/N 9861</p>	<p>DOME HEAD</p>  <p>5/32 DIAM. to 1/8 GRIP #20 DRILL P/N 9869</p>	<p>DOME HEAD</p>  <p>5/32 DIAM. 3/16 to 1/4 GRIP #20 DRILL P/N 9871</p>
<p>DOME HEAD</p>  <p>5/32 DIAM. 1/4 to 3/8 GRIP #20 DRILL P/N 9872</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 1/8 to 1/4 GRIP #11 DRILL P/N 9879</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 1/4 to 3/8 GRIP #11 DRILL P/N 9880</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 3/8 to 1/2 GRIP #11 DRILL P/N 9881</p>
<p>LARGE FLANGE</p>  <p>1/8 DIAM. 1/8 to 1/4 GRIP #30 DRILL P/N 9898</p>	<p>LARGE FLANGE</p>  <p>3/16 DIAM. 1/16 to 3/8 GRIP #11 DRILL P/N 9903</p>	<p>LARGE FLANGE</p>  <p>3/16 DIAM. 3/8 to 1/2 GRIP #11 DRILL P/N 9904</p>	<p>LARGE FLANGE</p>  <p>3/16 DIAM. 1/2 to 5/8 GRIP #11 DRILL P/N 9905</p>













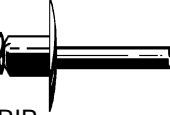



A222

TRAY FRONT

FEATURES:

- A convenient assortment of all steel rivets that includes both dome and large flange style

1125

 <p>DOME HEAD</p> <p>3/32 DIAM. to 1/8 GRIP #41 DRILL P/N 9911</p>	 <p>DOME HEAD</p> <p>3/32 DIAM. 1/8 to 1/4 GRIP #41 DRILL P/N 9912</p>	 <p>DOME HEAD</p> <p>1/8 DIAM. to 1/16 GRIP #30 DRILL P/N 9918</p>	 <p>DOME HEAD</p> <p>1/8 DIAM. 1/16 to 1/8 GRIP #30 DRILL P/N 9919</p>
 <p>DOME HEAD</p> <p>1/8 DIAM. 1/8 to 3/16 GRIP #30 DRILL P/N 9920</p>	 <p>DOME HEAD</p> <p>1/8 DIAM. 3/16 to 1/4 GRIP #30 DRILL P/N 9921</p>	 <p>DOME HEAD</p> <p>5/32 DIAM. to 1/8 GRIP #20 DRILL P/N 9930</p>	 <p>DOME HEAD</p> <p>5/32 DIAM. 1/8 to 1/4 GRIP #20 DRILL P/N 9932</p>
 <p>DOME HEAD</p> <p>5/32 DIAM. 1/4 to 3/8 GRIP #20 DRILL P/N 9933</p>	 <p>DOME HEAD</p> <p>3/16 DIAM. 1/8 to 1/4 GRIP #11 DRILL P/N 9940</p>	 <p>DOME HEAD</p> <p>3/16 DIAM. 1/4 to 3/8 GRIP #11 DRILL P/N 9941</p>	 <p>DOME HEAD</p> <p>3/16 DIAM. 3/8 to 1/2 GRIP #11 DRILL P/N 9942</p>
 <p>LARGE FLANGE</p> <p>1/8 DIAM. 1/8 to 1/4 GRIP #30 DRILL P/N 9961</p>	 <p>LARGE FLANGE</p> <p>3/16 DIAM. 1/16 to 3/8 GRIP #11 DRILL P/N 9967</p>	 <p>LARGE FLANGE</p> <p>3/16 DIAM. 3/8 to 1/2 GRIP #11 DRILL P/N 9968</p>	 <p>LARGE FLANGE</p> <p>3/16 DIAM. 1/2 to 5/8 GRIP #11 DRILL P/N 9969</p>

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TRAY FRONT













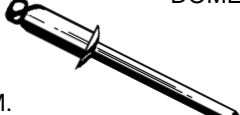





CIC 200™ ALUM/ALUM PULL RIVET ASSORTMENT

P/N 7739

FEATURES:

- A convenient assortment of all aluminum rivets that includes both dome and large flange styles

1255

<p>DOME HEAD</p>  <p>3/32 DIAM. to 1/8 GRIP #41 DRILL P/N 9800</p>	<p>DOME HEAD</p>  <p>3/32 DIAM. 1/8 to 1/4 GRIP #41 DRILL P/N 9801</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. to 1/16 GRIP #30 DRILL P/N 9806</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. 1/16 to 1/8 GRIP #30 DRILL P/N 9807</p>
<p>DOME HEAD</p>  <p>1/8 DIAM. 1/8 to 3/16 GRIP #30 DRILL P/N 9808</p>	<p>DOME HEAD</p>  <p>1/8 DIAM. 3/16 to 1/4 GRIP #30 DRILL P/N 9809</p>	<p>DOME HEAD</p>  <p>5/32 DIAM. to 1/8 GRIP #20 DRILL P/N 9818</p>	<p>DOME HEAD</p>  <p>5/32 DIAM. 1/8 to 1/4 GRIP #20 DRILL P/N 9820</p>
<p>DOME HEAD</p>  <p>5/32 DIAM. 1/4 to 3/8 GRIP #20 DRILL P/N 9821</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 1/8 to 1/4 GRIP #11 DRILL P/N 9828</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 1/4 to 3/8 GRIP #11 DRILL P/N 9829</p>	<p>DOME HEAD</p>  <p>3/16 DIAM. 3/8 to 1/2 GRIP #11 DRILL P/N 9830</p>
<p>LARGE FLANGE</p>  <p>1/8 DIAM. 1/8 to 1/4 GRIP #30 DRILL P/N 9839</p>	<p>LARGE FLANGE</p>  <p>3/16 DIAM. 1/16 to 3/8 GRIP #11 DRILL P/N 9844</p>	<p>LARGE FLANGE</p>  <p>1/8 DIAM. 1/16 to 1/8 GRIP #30 DRILL P/N 9838</p>	<p>LARGE FLANGE</p>  <p>3/16 DIAM. 1/2 to 5/8 GRIP #11 DRILL P/N 9846</p>














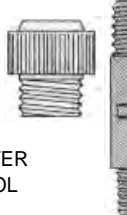

A22-4

TRAY FRONT

FEATURES:

- Fast, convenient installation of threads in any blind area
- CIC 200 Thinserts and Nutserts are an easily-installed alternative to many “blind” fasteners
- They offer strength, permanence and load-bearing capabilities for a variety of materials.

356

 <p>6-32 TSN USE 1/4 DRILL (P/N 97116) P/N 590</p>	 <p>8-32 TSN USE 1/4 DRILL (P/N 97116) P/N 591</p>	 <p>10-24 TSN USE 9/32 DRILL (P/N 97118) P/N 592</p>	 <p>10-32 TSN USE 9/32 DRILL (P/N 97118) P/N 593</p>	 <p>1/4-20 TSN USE 3/8 DRILL (P/N 97124) P/N 594</p>	 <p>QUIK TOOL FOR THREADED INSERTS P/N 9610</p>
 <p>6-32 ADAPTER FOR QUIK TOOL P/N 483</p>	 <p>8-32 ADAPTER FOR QUIK TOOL P/N 484</p>	 <p>10-24 ADAPTER FOR QUIK TOOL P/N 485</p>	 <p>10-32 ADAPTER FOR QUIK TOOL P/N 486</p>	 <p>1/4-20 ADAPTER FOR QUIK TOOL P/N 488</p>	
EXPANSION		 <p>10-24 NUTSERT USE 9/32 DRILL (P/N 97118) P/N 47903</p>	EXPANSION		
 <p>5/16-18 TSN USE 1/2 DRILL (P/N 97132) P/N 595</p>	 <p>5/16-18 ADAPTER FOR QUIK TOOL P/N 490</p>	 <p>5/16-18 NUTSERT USE 1/2 DRILL (P/N 97132) P/N 47907</p>	EXPANSION		

TRAY FRONT

A22-5A





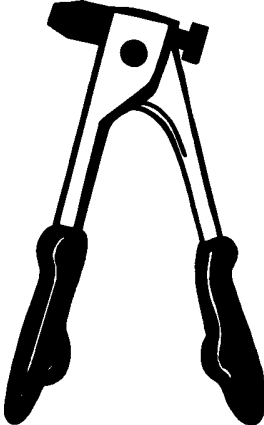

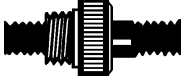
CIC 200™ STANDARD AND THIN SHEET NUTSERT ASSORTMENT

P/N 17700

FEATURES:

- Fast, convenient installation of threads in any blind area
- CIC 200 Thinserts and Nutserts are an easily-installed alternative to many “blind” fasteners
- They offer strength, permanence and load-bearing capabilities for a variety of materials

103

EXPANSION	EXPANSION	 10-24 TSN USE 9/32 DRILL (P/N 97118) P/N 583	EXPANSION	 1/4-20 TSN USE 3/8 DRILL (P/N 97124) P/N 585	 QUIK TOOL P/N 9610
EXPANSION	EXPANSION	 10-24 ADAPTER P/N 485	EXPANSION	 1/4-20 ADAPTER P/N 488	
EXPANSION	EXPANSION	EXPANSION	EXPANSION	EXPANSION	
EXPANSION	EXPANSION	EXPANSION	EXPANSION	EXPANSION	

A22-5B

TRAY FRONT











CIC 200 THREAD REPAIR INSERT ASSORTMENT

P/N 7736
P/N 7736SAND

FEATURES:

- Installs permanent threads that won't fail, strip, rotate or pull out even under excessive loading

79

 <p>6-32 INTERNAL THREAD P/N 1654</p> <hr/> <p>TO INSTALL: USE #7 DRILL USE 1/4-20 TAP</p>	 <p>1/4-20 INTERNAL THREAD P/N 1657</p> <hr/> <p>TO INSTALL: USE 23/64 DRILL USE 7/16-14 TAP</p>	 <p>1/2-13 INTERNAL THREAD P/N 1661</p> <hr/> <p>TO INSTALL: USE 21/32 DRILL USE 3/4-10 TAP</p>	<p>5/16-24 INTERNAL THREAD P/N 1759</p> <hr/> <p>TO INSTALL: USE 27/64 DRILL USE 1/2-13 TAP</p> 
 <p>8-32 INTERNAL THREAD P/N 1655</p> <hr/> <p>TO INSTALL: USE "F" DRILL USE 5/16-18 TAP</p>	 <p>5/16-18 INTERNAL THREAD P/N 1658</p> <hr/> <p>TO INSTALL: USE 27/64 DRILL USE 1/2-13 TAP</p>	 <p>10-32 INTERNAL THREAD P/N 1757</p> <hr/> <p>TO INSTALL: USE 5/16 DRILL USE 3/8-16 TAP</p>	<p>3/8-24 INTERNAL THREAD P/N 1760</p> <hr/> <p>TO INSTALL: USE 31/64 DRILL USE 9/16-12 TAP</p> 
 <p>10-24 INTERNAL THREAD P/N 1656</p> <hr/> <p>TO INSTALL: USE 5/16 DRILL USE 3/8-16 TAP</p>	 <p>3/8-16 INTERNAL THREAD P/N 1659</p> <hr/> <p>TO INSTALL: USE 31/64 DRILL USE 9/16-12 TAP</p>	 <p>1/4-28 INTERNAL THREAD P/N 1758</p> <hr/> <p>TO INSTALL: USE 23/64 DRILL USE 7/16-14 TAP</p>	<p>7/16-20 INTERNAL THREAD P/N 1761</p> <hr/> <p>TO INSTALL: USE 17/32 DRILL USE 5/8-11 TAP</p> 
			<p>1/2-20 INTERNAL THREAD P/N 1762</p> <hr/> <p>TO INSTALL: USE 21/32 DRILL USE 3/4-10 TAP</p> 

A22-6

TRAY FRONT










CIC 200™ WOOD THREAD REPAIR INSERT ASSORTMENT

P/N 7742

FEATURES:

- The most effective way to make strong joints in hard wood, soft wood and particle board using machine screws and/or bolts

06

 <p>6-32 USE 1/4" DRILL P/N 3789</p>	 <p>8-32 USE 1/4" DRILL P/N 3788</p>	 <p>10-24 USE 3/8" DRILL P/N 3790</p>	 <p>10-32 USE 3/8" DRILL P/N 3792</p>	 <p>1/4-20 USE 3/8" DRILL P/N 3794</p>	 <p>5/16-18 USE 1/2" DRILL P/N 3796</p>
 <p>3/8-16 USE 1/2" DRILL P/N 3798</p>	<p>EXPANSION</p>	<p>EXPANSION</p>	<p>EXPANSION</p>	<p>EXPANSION</p>	<p>EXPANSION</p>

A22-7

TRAY FRONT



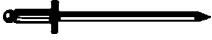







CIC 200™ STAINLESS STEEL PULL RIVET ASSORTMENT

P/N 7797

FEATURES:

- These dome head rivets provide excellent corrosion resistance

535

 <p>1/8" DIAMETER 3/16" to 1/4" GRIP RANGE #30 DRILL (P/N 10030) P/N 9706</p>	 <p>3/16" DIAMETER 1/8" to 1/4" GRIP RANGE #11 DRILL (P/N 10011) P/N 9712</p>	<p>EXPANSION</p>	<p>EXPANSION</p>	
 <p>1/8" DIAMETER 1/8" to 3/16" GRIP RANGE #30 DRILL (P/N 10030) P/N 9704</p>	 <p>3/16" DIAMETER to 1/8" GRIP RANGE #11 DRILL (P/N 10011) P/N 9710</p>			 <p>3/16" DIAMETER 3/8" to 1/2" GRIP RANGE #11 DRILL (P/N 10011) P/N 9716</p>
 <p>1/8" DIAMETER to 1/8" GRIP RANGE #30 DRILL (P/N 10030) P/N 9702</p>	 <p>1/8" DIAMETER 1/4" to 3/8" GRIP RANGE #30 DRILL (P/N 10030) P/N 9708</p>			 <p>3/16" DIAMETER 1/4" to 3/8" GRIP RANGE #11 DRILL (P/N 10011) P/N 9714</p>

A228

TRAY FRONT






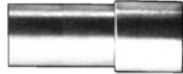




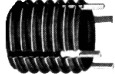




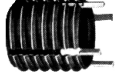

CIC 200™ PERMASERT™ PERMANENT THREAD REPAIR INSERTS ASSORTMENT

P/N 17735

FEATURES:

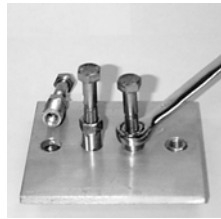
- Permanent, locking steel thread repair inserts
- Quickly repairs stripped, damaged or worn threads
- For use on original equipment applications where softer materials won't hold
- Installed with standard drills and taps
- No pre-winder tool required
- Positive mechanical lock against rotation

85

					EXPANSION
1/4 TOOL P/N 1882	5/16 TOOL P/N 1883	3/8 TOOL P/N 1884	7/16 TOOL P/N 1885	1/2 TOOL P/N 1886	
					EXPANSION
1/4-20 INTERNAL THREAD 7/16-14 EXTERNAL THREAD P/N 1915 USE "X" DRILL; 7/16-14 TAP	5/16-18 INTERNAL THREAD 1/2-13 EXTERNAL THREAD P/N 1917 USE 29/64 DRILL; 1/2-13 TAP	3/8-16 INTERNAL THREAD 9/16-12 EXTERNAL THREAD P/N 1919 USE 33/64 DRILL; 9/16-12 TAP	7/16-14 INTERNAL THREAD 5/8-11 EXTERNAL THREAD P/N 1921 USE 37/64 DRILL; 5/8-11 TAP	1/2-13 INTERNAL THREAD 3/4-16 EXTERNAL THREAD P/N 1923 USE 45/64 DRILL; 3/4-16 TAP	
					EXPANSION
1/4-28 INTERNAL THREAD 7/16-14 EXTERNAL THREAD P/N 1916 USE "X" DRILL; 7/16-14 TAP	5/16-24 INTERNAL THREAD 1/2-13 EXTERNAL THREAD P/N 1918 USE 29/64 DRILL; 1/2-13 TAP	3/8-24 INTERNAL THREAD 9/16-12 EXTERNAL THREAD P/N 1920 USE 33/64 DRILL; 9/16-12 TAP	7/16-20 INTERNAL THREAD 5/8-11 EXTERNAL THREAD P/N 1922 USE 37/64 DRILL; 5/8-11 TAP	1/2-20 INTERNAL THREAD 3/4-16 EXTERNAL THREAD P/N 1924 USE 45/64 DRILL; 3/4-16 TAP	
EXPANSION	EXPANSION	EXPANSION	EXPANSION	EXPANSION	EXPANSION

A22-9

TRAY FRONT



SELF-TAPPING THREADED INSERTS

P/N 17785

INSTALLATION INSTRUCTIONS:












(Using a hex head cap screw and nut)

1. Drill to recommended hole size.
2. Thread hex nut onto cap screw. Screw insert onto cap screw with holes away from nut. Tighten the nut snugly to the top of the insert.
3. Using appropriate wrench or socket, carefully align insert perpendicular to the hole and turn clockwise until flush with surface. To remove cap screw, hold the nut with a wrench and loosen cap screw.

FEATURES:

- Provides maximum pull-out strength and wear resistant threads in aluminum, aluminum alloy, magnesium and mild steels
- Three lateral cutting holes provides an easy self-tapping installation resulting in a connection highly resistant to vibration

175

 <p>4-40 P/N 1940</p> <p>DRILL/HOSE SIZE #15 (.181)</p>	 <p>10-24 P/N 1943</p> <p>DRILL/HOSE SIZE L (.291)</p>	 <p>5/16-18 P/N 1946</p> <p>DRILL/HOSE SIZE 7/16 (.437)</p>	 <p>1/2-13 P/N 1949</p> <p>DRILL/HOSE SIZE 43/64 (.669)</p>
 <p>6-32 P/N 1941</p> <p>DRILL/HOSE SIZE 7/32 (.216)</p>	 <p>10-32 P/N 1944</p> <p>DRILL/HOSE SIZE L (.291)</p>	 <p>3/8-16 P/N 1947</p> <p>DRILL/HOSE SIZE 33/64 (.516)</p>	
 <p>8-32 P/N 1942</p> <p>DRILL/HOSE SIZE 15/64 (.236)</p>	 <p>1/4-20 P/N 1945</p> <p>DRILL/HOSE SIZE U (.366)</p>	 <p>7/16-14 P/N 1948</p> <p>DRILL/HOSE SIZE 19/32 (.590)</p>	 <p>5/8-11 P/N 1950</p> <p>DRILL/HOSE SIZE 3/4 (.748)</p>

TRAY FRONT

A22-10



KNURLED THREADED INSERT ASSORTMENT



THINSERT FEATURES:

- Splined body provides increased torque-to-turn resistance over conventional non-splined inserts
- Low profile head provides near-flush seating without special hole preparation
- Material thickness ranging from .020" to 0.312"
- Hardened surface providing high-strength, load-bearing threads
- Lead-in chamfer on the body provides ease of insertion into the work piece



















NUTSERT FEATURES:

- Reduced assembly costs – installed from one side of the workpiece
- Not grip sensitive – can be used in any material thickness from .030" through solid materials
- Portability – allows installation anywhere and at any time in the assembly process
- Radial expansion provides 360° contact with parent material
- Reduced rear-sheet protrusion

P/N 17828

340

 6-32 P/N 590 DRILL SIZE 17/64	 1/4-20 P/N 594 DRILL SIZE 25/64	 6-32 P/N 47901 DRILL SIZE 7/32	 1/4-20 P/N 47905 DRILL SIZE 3/8
 8-32 P/N 591 DRILL SIZE 17/64	 5/16-18 P/N 595 DRILL SIZE 17/32	 8-32 P/N 47902 DRILL SIZE 1/4	 1/4-28 P/N 47906 DRILL SIZE 3/8
 10-24 P/N 592 DRILL SIZE 19/64	 3/8-16 P/N 596 DRILL SIZE 17/32	 10-24 P/N 47903 DRILL SIZE 9/32	 5/16-18 P/N 47907 DRILL SIZE 1/2
 10-32 P/N 593 DRILL SIZE 19/64	 4-40 P/N 47900 DRILL SIZE 3/16	 10-32 P/N 47904 DRILL SIZE 9/32	 5/16-24 P/N 47908 DRILL SIZE 1/2

A22-11

TRAY FRONT




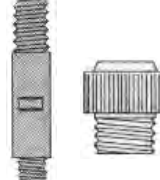







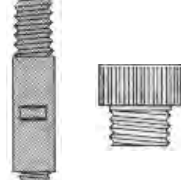


QUIK TOOL AND ADAPTER/MANDREL ASSORTMENT

P/N 17829

FEATURES:

- For fast, easy installation of blind threaded inserts from 4-40 to 3/8

12

<p>4-40 P/N 460</p> 	<p>10-32 P/N 486</p> 	<p>5/16-24 P/N 493</p> 	 <p>Quik Tool P/N 9610</p>
<p>6-32 P/N 483</p> 	<p>1/4-20 P/N 488</p> 	<p>3/8-16 P/N 489</p> 	
<p>8-32 P/N 484</p> 	<p>1/4-28 P/N 492</p> 	<p>3/8-24 P/N 494</p> 	
<p>10-24 P/N 485</p> 	<p>5/16-18 P/N 490</p> 		

TRAY FRONT

A22-12









HI-TORQUER TOOL AND CONVERSION KIT ASSORTMENT

P/N 17861

FEATURES:

- Easily installs all sizes of threaded inserts
- "Quick-change" thread adaptation kit allows change over of the base tool to place different thread sizes without the need of other tools

6

<p>EXPANSION</p> <p>4-40 HI-TORQUER CONVERSION KIT P/N 22100</p>	 <p>10-32 HI-TORQUER CONVERSION KIT P/N 22104</p>	<p>EXPANSION</p>	 <p>HI-TORQUER THREADED INSERT TOOL P/N 9611</p>
 <p>6-32 HI-TORQUER CONVERSION KIT P/N 22101</p>	 <p>1/4-20 HI-TORQUER CONVERSION KIT P/N 22105</p>	<p>5/16-24 HI-TORQUER CONVERSION KIT P/N 22108</p>	
 <p>8-32 HI-TORQUER CONVERSION KIT P/N 22102</p>	<p>EXPANSION</p> <p>1/4-28 HI-TORQUER CONVERSION KIT P/N 22106</p>	<p>EXPANSION</p> <p>3/8-16 HI-TORQUER CONVERSION KIT P/N 22109</p>	
 <p>10-24 HI-TORQUER CONVERSION KIT P/N 22103</p>	<p>EXPANSION</p> <p>5/16-18 HI-TORQUER CONVERSION KIT P/N 22107</p>	<p>EXPANSION</p> <p>3/8-24 HI-TORQUER CONVERSION KIT P/N 22110</p>	

TRAY FRONT

A22-13






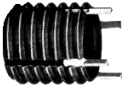




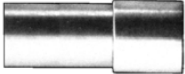
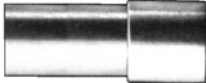
METRIC PERMASERTS ASSORTMENT

P/N 17920

FEATURES:

- Permanent, locking steel thread repair inserts
- Quickly repairs stripped, damaged or worn threads
- For use on original equipment applications where softer materials won't hold
- Installed with standard drills and taps
- No pre-winder tool required
- Positive mechanical lock against rotation

35

 <p>M5 x .8 INTERNAL THREAD M8 x 1.25 EXTERNAL THREAD P/N 21800 USE 6.9MM or I DRILL</p>	 <p>M6 x 1 INTERNAL THREAD M10 x 1.25 EXTERNAL THREAD P/N 21801 USE 8.8MM or 11/32 DRILL</p>	 <p>M8 x 1.25 INTERNAL THREAD M12 x 1.25 EXTERNAL THREAD P/N 21802 USE 10.8MM or 27/64 DRILL</p>	<p>EXPANSION</p>
 <p>M10 x 1.5 INTERNAL THREAD M14 x 1.5 EXTERNAL THREAD P/N 21804 USE 12.8MM or 1/2 DRILL</p>	<p>EXPANSION</p>	 <p>M12 x 1.75 INTERNAL THREAD M16 x 1.5 EXTERNAL THREAD P/N 21806 USE 14.75MM or 37/64 DRILL</p>	<p>EXPANSION</p>
 <p>M5 TOOL P/N 21815</p>	 <p>M6 TOOL P/N 21816</p>	 <p>M8 x 1.25 TOOL P/N 21817</p>	<p>EXPANSION</p>
 <p>M10 x 1.5 TOOL P/N 21819</p>	<p>EXPANSION</p>	 <p>M12 x 1.75 TOOL P/N 21821</p>	<p>EXPANSION</p>






















TRAY FRONT

NUTSERT ASSORTMENT

FEATURES:

- Splined body provides increased torque-to-turn resistance over conventional non-splined inserts
- Low profile head provides near-flush seating without special hole preparation
- Material thickness ranging from .020" to 0.312"
- Hardened surface providing high-strength, load-bearing threads
- Lead-in chamfer on the body provides ease of insertion into the work piece
- For fast, easy installation of blind threaded inserts from 6-32 to 1/4-20

506

 <p>6-32 ADAPTER FOR QUIK TOOL P/N 483</p>	 <p>8-32 ADAPTER FOR QUIK TOOL P/N 484</p>	 <p>10-24 ADAPTER FOR QUIK TOOL P/N 485</p>	 <p>10-32 ADAPTER FOR QUIK TOOL P/N 486</p>	 <p>1/4-20 ADAPTER FOR QUIK TOOL P/N 488</p>	 <p>QUIK TOOL ONLY FOR NUTSERT P/N 9610</p>
 <p>6-32 STAR FLANGE THINSERT P/N 590</p>	 <p>8-32 STAR FLANGE THINSERT P/N 591</p>	 <p>10-24 STAR FLANGE THINSERT P/N 592</p>	 <p>10-32 STAR FLANGE THINSERT P/N 593</p>	 <p>1/4-20 STAR FLANGE THINSERT P/N 594</p>	
 <p>6-32 x 1/2 PHIL FLT HD MACH SC P/N 36113</p>	 <p>8-32 x 1/2 PHIL FLT HD MACH SC P/N 36123</p>	 <p>10-24 x 1/2 PHIL FLT HD MACH SC P/N 36162</p>	 <p>10-32 x 1/2 PHIL FLT HD MACH SC P/N 36133</p>	 <p>1/4-20 x 1/2 PHIL FLT HD MACH SC P/N 36150</p>	
 <p>6-32 x 1 PHIL FLT HD MACH SC P/N 36116</p>	 <p>8-32 x 1 PHIL FLT HD MACH SC P/N 36126</p>	 <p>10-24 x 1 PHIL FLT HD MACH SC P/N 36165</p>	 <p>10-32 x 1 PHIL FLT HD MACH SC P/N 36136</p>	 <p>1/4-20 x 1 PHIL FLT HD MACH SC P/N 36152</p>	

TRAY FRONT

A22-15










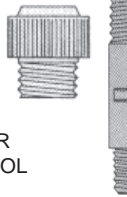

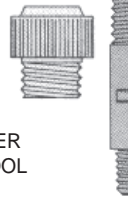
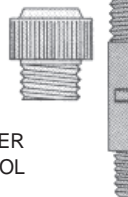






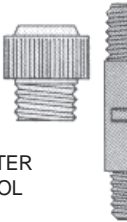

THINSERT/NUTSERT ASSORTMENT

P/N 17935
P/N 17935SAND

FEATURES:

- Fast, convenient installation of threads in any blind area
- CIC 200 Thinserts and Nutserts are an easily-installed alternative to many “blind” fasteners
- They offer strength, permanence and load-bearing capabilities for a variety of materials.

302












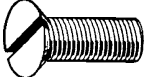




 6-32 STAR FLANGE THINSERT P/N 590	 8-32 STAR FLANGE THINSERT P/N 591	 10-24 STAR FLANGE THINSERT P/N 592	 10-32 STAR FLANGE THINSERT P/N 593	 1/4-20 STAR FLANGE THINSERT P/N 594	 QUIK TOOL FOR THREADED INSERTS P/N 9610
 6-32 ADAPTER FOR QUIK TOOL P/N 483	 8-32 ADAPTER FOR QUIK TOOL P/N 484	 10-24 ADAPTER FOR QUIK TOOL P/N 485	 10-32 ADAPTER FOR QUIK TOOL P/N 486	 1/4-20 ADAPTER FOR QUIK TOOL P/N 488	
 6-32 STARSERT THREADED NUTSERT P/N 47901	 8-32 STARSERT THREADED NUTSERT P/N 47902	 10-24 STARSERT THREADED NUTSERT P/N 47903	 10-32 STARSERT THREADED NUTSERT P/N 47904	 1/4-20 STARSERT THREADED NUTSERT P/N 47905	
 5/16-18 STAR FLANGE THINSERT P/N 595	 5/16-18 ADAPTER FOR QUIK TOOL P/N 490	 5/16-18 STARSERT THREADED NUTSERT P/N 47907			
TRAY FRONT					

A22-16

FEATURES:

- The most effective way to make strong joints in hard wood, soft wood and particle board using machine screws and/or bolts

288

 <p>8-32 WOOD THREAD REPAIR INSERT P/N 3788</p>	 <p>10-24 WOOD THREAD REPAIR INSERT P/N 3790</p>	 <p>1/4-20 WOOD THREAD REPAIR INSERT P/N 3794</p>	 <p>3/8-16 WOOD THREAD REPAIR INSERT P/N 3798</p>
 <p>8-32 INSTALLATION TOOL P/N 1893</p>	 <p>10-24 INSTALLATION TOOL P/N 1894</p>	 <p>1/4-20 INSTALLATION TOOL P/N 1895</p>	 <p>3/8-16 INSTALLATION TOOL P/N 1897</p>
 <p>8-32 x 3/4 PHILLIPS FLAT HEAD MACHINE SCREW P/N 36125</p>	 <p>10-24 x 3/4 PHILLIPS FLAT HEAD MACHINE SCREW P/N 36164</p>	 <p>1/4-20 x 3/4 PHILLIPS FLAT HEAD MACHINE SCREW P/N 36151</p>	 <p>3/8-16 x 3/4 SLOTTED FLAT HEAD MACHINE SCREW P/N 1864</p>
 <p>1/4 CIC 200 QUAD PT DRILL - STUBBY P/N 81016</p>	 <p>3/8 CIC 200 QUAD PT DRILL - STUBBY P/N 81024</p>	 <p>3/8 CIC 200 QUAD PT DRILL - STUBBY P/N 81024</p>	 <p>1/2 CIC 200 QUAD PT DRILL - STUBBY P/N 81032</p>

TRAY FRONT

A22-17












CIC 200™ TRI-CLAMP RIVET AND FINISHING CAP ASSORTMENT

P/N 17940

FEATURES:

- Only Chromate multi-grip pull rivets adapt to hole size variance and pull up snug regardless of material thickness
- Only a few sizes cover the applications of up to 15 standard rivets
- Finishing caps provide clean, finished look in black or white

650

 <p>5/32 DIAM. 3/64 to 1/8 GRIP 11/64 DRILL P/N 6887</p>	 <p>3/16 DIAM. 3/64 to 5/32 DRILL #8 DRILL P/N 6883</p>	 <p>3/16 DIAM. 5/32 to 15/32 GRIP #8 DRILL P/N 6889</p>	 <p>5/32 DIAM. BLACK FINISHING RIVET CAP P/N 6897</p>
 <p>5/32 DIAM. 3/64 to 9/32 GRIP 11/64 DRILL P/N 6888</p>	 <p>3/16 DIAM. 3/64 to 11/32 DRILL #8 DRILL P/N 6886</p>	 <p>3/16 DIAM. WHITE FINISHING RIVET CAP P/N 6898</p>	 <p>5/32 DIAM. WHITE FINISHING RIVET CAP P/N 6899</p>
		 <p>3/16 DIAM. BLACK FINISHING RIVET CAP P/N 6899</p>	

A22-18

TRAY FRONT



METRIC COILSERTS ASSORTMENT

P/N 17981

COILSERTS











- Rolled from high quality stainless steel wire wound to the shape of a spring thread
- Once the wire is wound into a helical coil and installed into a tapped hole, it provides a permanent and wear resistant thread in the parent material that is generally stronger than the original thread
- Coilserts compensatory action shares the load over the entire bolt and hole, increasing holding or pull out strength. With a coilsert in place, load and stress are more evenly distributed.



INSTALLATION TOOL

- The most practical and simple to use for general applications
- Care must be taken to ensure that the adjustable collar is correctly set to suit the particular type and length of the coilsert. If the collar is incorrectly set, the tool may slip off the tang as the coilsert enters the hole.

35

<p>M5 x .8 INSTALLATION TOOL P/N 21860</p> 	<p>M6 x 1 INSTALLATION TOOL P/N 21861</p> 
<p>M5 x .8 INTERNAL THREAD P/N 21845</p> 	<p>M6 x 1 INTERNAL THREAD P/N 21846</p> 
<p>M8 x 1.25 INSTALLATION TOOL P/N 21863</p> 	<p>M10 x 1.5 INSTALLATION TOOL P/N 21864</p> 
<p>M8 x 1.25 INTERNAL THREAD P/N 21849</p> 	<p>M10 x 1.5 INTERNAL THREAD P/N 21853</p> 
<p>M12 x 1.75 INSTALLATION TOOL P/N 21867</p> 	<p>EXPANSION</p>
<p>M12 x 1.75 INTERNAL THREAD P/N 21857</p> 	<p>EXPANSION</p>

A22-20

TRAY FRONT



COILSERTS ASSORTMENT

P/N 17980

COILSERTS

- Rolled from high quality stainless steel wire wound to the shape of a spring thread
- Once the wire is wound into a helical coil and installed into a tapped hole, it provides a permanent and wear resistant thread in the parent material that is generally stronger than the original thread
- Coilserts compensatory action shares the load over the entire bolt and hole, increasing holding or pull out strength. With a coilsert in place, load and stress are more evenly distributed.



INSTALLATION TOOL

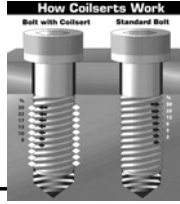
- The most practical and simple to use for general applications
- Care must be taken to ensure that the adjustable collar is correctly set to suit the particular type and length of the coilsert. If the collar is incorrectly set, the tool may slip off the tang as the coilsert enters the hole.

28

<p>1/4-20 and 1/4-28 TOOL P/N 21861</p>	<p>5/16-18 TOOL P/N 21862</p>		
<p>1/4-20 INTERNAL THREAD P/N 21823</p>	<p>1/4-28 INTERNAL THREAD P/N 21824</p>	<p>5/16-18 INTERNAL THREAD P/N 21825</p>	
<p>5/16-24 TOOL P/N 21863</p>	<p>3/8-16 TOOL P/N 21864</p>		
<p>5/16-24 INTERNAL THREAD P/N 21826</p>	<p>3/8-24 TOOL P/N 21865</p>	<p>3/8-16 INTERNAL THREAD P/N 21827</p>	
<p>7/16-14 and 7/16-20 TOOL P/N 21866</p>	<p>3/8-24 INTERNAL THREAD P/N 21828</p>	<p>1/2-13 and 1/2-20 TOOL P/N 21867</p>	
<p>7/16-14 INTERNAL THREAD P/N 21829</p>	<p>7/16-20 INTERNAL THREAD P/N 21830</p>	<p>1/2-13 INTERNAL THREAD P/N 21831</p>	<p>1/2-20 INTERNAL THREAD P/N 21832</p>

A22-21

TRAY FRONT



COILSERTS WITH TAPS ASSORTMENT

COILSERTS

- Rolled from high quality stainless steel wire wound to the shape of a spring thread
- Once the wire is wound into a helical coil and installed into a tapped hole, it provides a permanent and wear resistant thread in the parent material that is generally stronger than the original thread
- Coilserts compensatory action shares the load over the entire bolt and hole, increasing holding or pull out strength. With a coilsert in place, load and stress are more evenly distributed.



INSTALLATION TOOL

- The most practical and simple to use for general applications
- Care must be taken to ensure that the adjustable collar is correctly set to suit the particular type and length of the coilsert. If the collar is incorrectly set, the tool may slip off the tang as the coilsert enters the hole.

92

<p>1/4-20 and 1/4-28 TOOL P/N 21861</p>		<p>5/16-18 TOOL P/N 21862</p>	
<p>1/4-20 INTERNAL THREAD P/N 21823</p>	<p>TAP P/N 21823T</p>	<p>1/4-28 INTERNAL THREAD P/N 21824</p>	<p>TAP P/N 21824T</p>
<p>5/16-18 INTERNAL THREAD P/N 21825</p>		<p>TAP P/N 21825T</p>	
<p>5/16-24 TOOL P/N 21863</p>		<p>3/8-16 TOOL P/N 21864</p>	
<p>5/16-24 INTERNAL THREAD P/N 21826</p>	<p>TAP P/N 21826T</p>	<p>3/8-24 TOOL P/N 21865</p>	<p>3/8-16 INTERNAL THREAD P/N 21827</p>
<p>TAP P/N 21827T</p>		<p>3/8-24 INTERNAL THREAD P/N 21828</p>	
<p>7/16-14 and 7/16-20 TOOL P/N 21866</p>		<p>1/2-13 and 1/2-20 TOOL P/N 21867</p>	
<p>7/16-14 INTERNAL THREAD P/N 21829</p>	<p>TAP P/N 21829T</p>	<p>7/16-20 INTERNAL THREAD P/N 21830</p>	<p>TAP P/N 21830T</p>
<p>1/2-13 INTERNAL THREAD P/N 21831</p>	<p>TAP P/N 21831T</p>	<p>1/2-20 INTERNAL THREAD P/N 21832</p>	<p>TAP P/N 21832T</p>

A22-22

