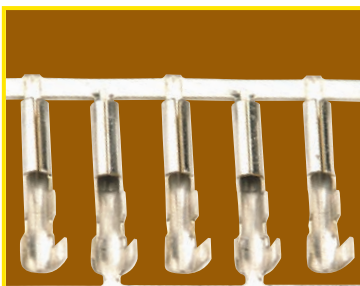


Heyco®  
Folded Pins  
for OEM  
Applications





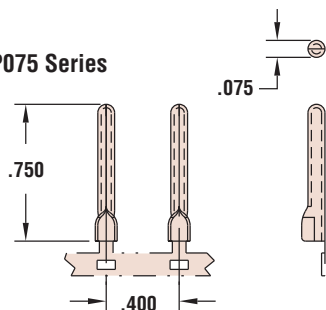
**Now Available  
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## Heyco® Male Pins

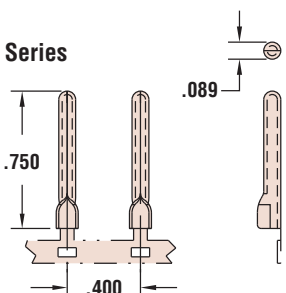
For mating Female Pin & Connectors, see pages 4 & 5 and chart on page 7

- Wide range of diameter and length combinations for 20 to 10 AWG conductors.
- Folded Pin design saves material, **reduces cost.**
- Hole behind crimp provides added **strain relief**, or can be cut-off on Assembly Equipment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.

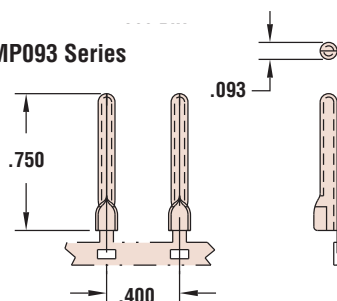
**MP075 Series**



**MP089 Series**



**MP093 Series**



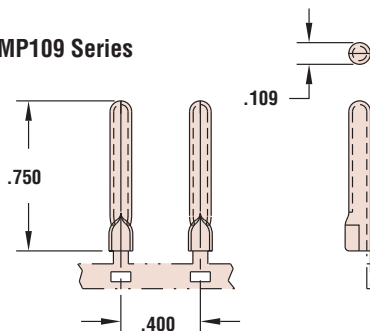
Dia. in.	PART DATA			PART NO.	APPLICATION TOOLING*				
	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
MP075 Series									
.075	1.00	20-18	Brass	7010	7010UXX5	Left to Right	B300L/B301L	C229	C231
MP089 Series									
.089	.75	20-18	Brass Tin-PI	7012 7013	7012UXX5 7013UXX5	Left to Right	B300L/B301L	C229	C231
			Post-Silver	7011	7011UXX5				
MP093 Series									
.093	.63	20-18	Brass Tin-PI	7002 7003	7002UXX5 7003UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-PI	7000 7001	7000UXX5 7001UXX5				
	1.00	20-18	Tin-PI	7004	7004UXX5				
	.75	16-14	Brass Tin-PI	7008 7009	7008UXX5 7009UXX5	Left to Right	B304L/B305L	C230	C232
MP109 Series									
.109	.63	20-18	Brass Tin-PI	7032 7033	7032UXX5 7033UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-PI	7030 7031	7030UXX5 7031UXX5				
	1.00	20-18	Brass Tin-PI	7034 7035	7034UXX5 7035UXX5				
	.63	16-14	Brass Tin-PI	7049 7050	7049UXX5 7050UXX5	Left to Right	B304L/B305L	C230	C232
	.75	16-14	Brass Tin-PI	7047 7048	7047UXX5 7048UXX5				
MP122 Series									
.122	1.00	16-14	Tin-PI	7055	7055UXX5	Left to Right	B304L/B305L	C230	C232

\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-63 in Heyco Catalog 113.

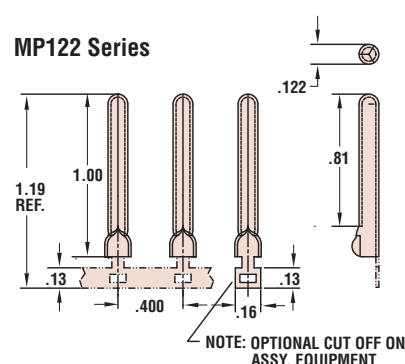
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8.

\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

**MP109 Series**



**MP122 Series**



*Quick  
Specs*

### Materials

Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Tin-Pi = Brass, Tin plated before or after stamping

Post-Ni = Brass, Nickel plated after stamping

**Now Available  
in Single Reel  
Order Quantities!**

# Heyco® Male Pins

For mating Female Pin & Connectors, see pages 4 & 5 and chart on page 7

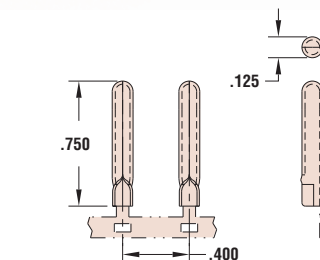


PART DATA				PART NO.	APPLICATION TOOLING*				
Dia. in.	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
MP125 Series									
.125	.63	20-18	Brass	7062	7062UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-Pl	7060 7061	7060UXX5 7061UXX5				
	1.00	20-18	Brass Tin-Pl	7064 7065	7064UXX5 7065UXX5				
	.75	16-14	Brass Tin-Pl	7068 7069	7068UXX5 7069UXX5	Left to Right	B304L/B305L	C230	C232
	1.00	16-14	Tin-Pl Tin-Pl	7073 7076†	7073UXX5 7076UXX5				
MP141 Series									
.141	1.03	18-16	Brass	7171	7171UXX5	Left to Right	B340L/B341L	C135	C138
MP156 Series									
.156	1.03	18-16	Brass Tin-Pl	7181 7183	7181UXX5 7183UXX5	Left to Right	B340L/B341L	C135	C138
	1.31	18-16	Brass	7180	7180UXX5				
MP178 Series									
.178	1.39	18-14	Brass Tin-Pl	7194 7195	7194UXX5 7195UXX5	Right to Left	B360R/B361R	C001	C009
		12-10	Brass Tin-Pl	7192 7193	7192UXX5 7193UXX5				

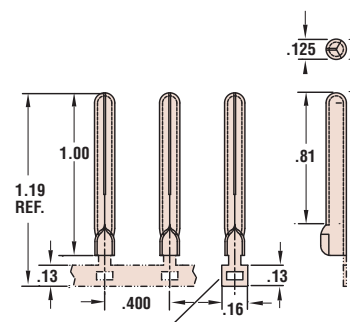
\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-63 in Heyco Catalog 113.  
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8.

\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

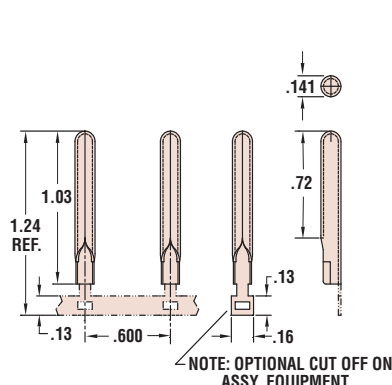
† Split on seam: pin will flex closed when in contact for a stronger connection.



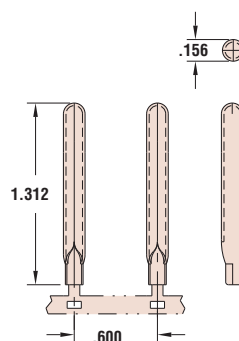
**MP125 Series**



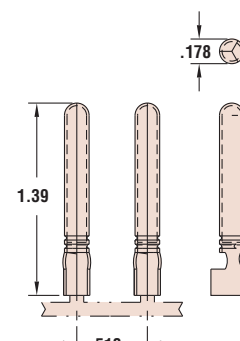
**MP125 Series 7076**  
NOTE: OPTIONAL CUT OFF ON ASSY. EQUIPMENT



**MP141 Series**



**MP156 Series**



**MP178 Series**

## Materials

**Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)**  
Tin-Pl = Brass, Tin plated before or after stamping

*Quick  
Specs*

**Now Available  
in Single Reel  
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**HEYCO**

## Heyco® Female Pin Connectors Round Barrel

For mating Male Pins, see pages 2 & 3

For Female Ground Pins, see pages 8-46 & 8-48 in Heyco Catalog 113

### TVR Series

- .56" (14,2 mm) Overall Length.
- .31" (7,9 mm) Round Barrel Length.
- Wide inside diameter range: from .077" (2,0 mm) to .151" (3,8 mm).
- 1/4" (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.

### SC Series

- .63" (16,0 mm) Overall Length.
- .28" (7,1 mm) Round Barrel Length.
- 1/4" (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- SC Series not CSA certified

### 1200 Series

- .56" (14,2 mm) Overall Length.
- D-Shape Barrel with "trap door".
- .109" (2,8 mm) mating Pin diameter for all Part Nos. in Series 1200.
- Mold with D-Shape load pin.
- 1/4" (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- 1200 Series not CSA certified.

Inside Dia. in.	PART DATA		PART NO.	Die**	APPLICATION TOOLING*			Crimp Punch	Anvil
	AWG Range	Material			Feeds	Tool Packs			

#### TVR Series - .560" Overall Length

.077	14-18	Brass	7333†	7333UXX5	Left to Right	B502L/B503L	C180	C181
.089	14-18	Brass	7319	7319UXX5				
.091,	14-18	Brass	7301	7301UXX5				
.122		Tin-Pl	7298†	7298UXX5				
.091	14-18	Brass	7300	7300UXX5				
		Tin-Pl	7299†	7299UXX5				
.093	14-18	Brass	7335	7335UXX5				
.105	14-18	Brass	7304	7304UXX5				
		Tin-Pl	7311†	7311UXX5				
.107	14-18	Brass	7305†	7305UXX5				
.111	14-18	Brass	7308	7308UXX5				
.122	14-18	Brass	7307	7307UXX5				
.131	14-18	Brass	7315	7315UXX5				
.138	14-18	Brass	7318	7318UXX5				
.138,	14-18	Brass	7302	7302UXX5				
.091								
.151	14-18	Brass	7303	7303UXX5				

#### SC Series - .630" Overall Length†

.077	26-22	Tin-Pl	7668	7668UXX5	Left to Right	B530L/B531L	C449	C450
.091	26-22	Brass	7670	7670UXX5				
		Tin-Pl	7672	7672UXX5				
		Post-Ni	7671	7671UXX5				

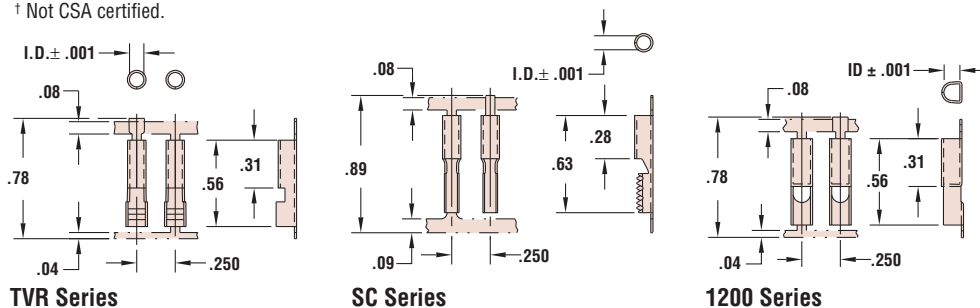
#### 1200 Series - .560" Overall Length†

.103	14-18	Brass	7270	7270UXX5	Left to Right	B502L/B503L	C180	C181
.105	14-18	Brass	7283	7283UXX5				
		Tin-Pl	7284	7284UXX5				
	14-12	Brass	7267	7267UXX5				
.111	14-18	Brass	7291	7291UXX5				

\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-63 in Heyco Catalog 113.  
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8.

\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

† Not CSA certified.



*Quick  
Specs*

#### Materials

Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Tin-Pl = Brass, Tin plated before or after stamping

Post-Ni = Brass, Nickel plated after stamping

#### Certifications

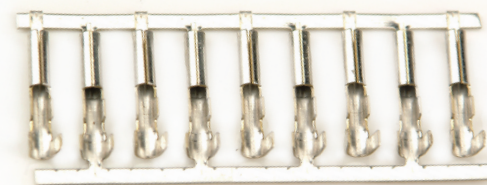
CSA Certified by the Canadian Standards Association File 91824

# Heyco® Female Pin Connectors

## Round Barrel with Insulation Crimp

For mating Male Pins, see pages 2 & 3

For Female Ground Pins, see pages 8-46 & 8-48 in Heyco Catalog 113



Inside Dia. in.	PART DATA		PART NO.	Die**	APPLICATION TOOLING*			Crimp Punch	Anvil
	AWG Range	Material			Feeds	Tool Packs			
FE Series - .630~ Overall Length									
.060	20-18	Brass Tin-Pl Post-Ni	<b>7382</b> <b>7383</b> <b>7385</b>	7382UXX5 7383UXX5 7385UXX5	Left to Right	B514L/B515L	C185	C189	
.062	20-18	Brass	<b>7370†</b>	7370UXX5					
		Brass Tin-Pl	<b>7386†</b> <b>7389†</b>	7386UXX5 7389UXX5					
.067	20-18	Brass	<b>7387</b>	7387UXX5					
.070	20-18	Tin-Pl	<b>7379</b>	7379UXX5					
.072	20-18	Tin-Pl	<b>7381</b>	7381UXX5					
.074	20-18	Brass	<b>7393</b>	7393UXX5					
.078	20-18	Brass	<b>7369</b>	7369UXX5					
.079	20-18	Tin-Pl	<b>7371†</b>	7371UXX5					
	20-18	Tin-Pl	<b>7372</b>	7372UXX5					
.082	20-18	Tin-Pl	<b>7378</b>	7378UXX5					
.088	20-18	Brass	<b>7400</b>	7400UXX5					
.091	20-18	Brass Tin-Pl	<b>7395</b> <b>7380</b>	7395UXX5 7380UXX5					
.093	20-18	Brass	<b>7384</b>	7384UXX5					
.097	20-18	Brass	<b>7376</b>	7376UXX5					
.105	20-18	Brass	<b>7405</b>	7405UXX5					

### FE Series

- .63" (16,0 mm) Overall Length.
- .28" (7,1 mm) Round Barrel Length.
- Round barrel with wide inside diameter range: from .060" (1,5 mm) to 1.05" (26,7 mm).
- 1/4" (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.

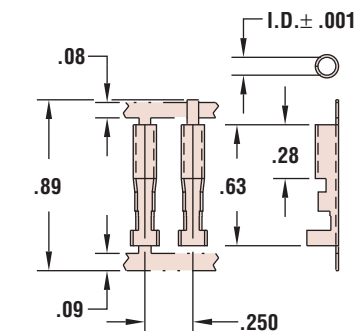
**Now Available  
in Single Reel  
Order Quantities!**

\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-63 in Heyco Catalog 113.

Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8.

\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

† Short Insulation.



FE Series

#### Materials

Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Tin-Pl = Brass, Tin plated before or after stamping

Post-Ni = Brass, Nickel plated after stamping

*Quick  
Specs*





## Heyco® Specialty Female Connectors

For mating Male Pins, see pages 2 & 3

For Female Ground Pins, see pages 8-46 & 8-48 in Heyco Catalog 113

### 1330 Series

- **D-Shape Barrel** for better contact.
- .125" (3,2 mm) mating Male Pin diameter for all Part Nos. in Series 1330 – Available in (3) different lengths: .33" (8,4 mm), .45" (11,4 mm) and .61" (15,5 mm).
- Assembly dies available for crimping 1, 2 or 3 conductors simultaneously.
- 1/4" (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind and reverse (right to left) wind.

### JH & JHB Series

- .87" (22,1 mm) Overall Length.
- .50" (12,7 mm) **Round Barrel** Length.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.

### Heater Cord Connector

- 3 wiping legs assure excellent **electrical continuity**.
- Features flaps below crimp for added **strain relief** when placed in a housing.
- Mates with a .156" (4,0 mm) diameter Male Pin.

PART DATA					PART NO.	APPLICATION TOOLING*				
Inside Dia. in.	Barrel Length in.	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
<b>1330 Series</b>										
.122	.610	.950	24-18	Brass	7357	7357UXX5	Right to Left or	B580R/B581R B578R/B579R	C792 C737	C793 C738
					7359†	7359UXX5	Left to Right or	B582L/B583L B584L/B585L	C026 C030	C035 C037
					7358†	7358UXX5	Right to Left or	B582R/B583R B584R/B585R	C026 C030	C035 C037
	.330	.670	18-16	Brass	7366	7366UXX5	Left to Right or	B572L/B573L B574L/B575L	C020 C024	C034 C036
		.450	18-16	Brass	7364	7364UXX5				
	.610	.950	18-16	Brass	7360	7360UXX5	Right to Left or	B572R/B573R B574R/B575R	C020 C024	C034 C036
					7361	7361UXX5				

### JH Series - 3-Finger Crimp

.105	.500	.870	18-16	Brass	7535	7535UXX5	Left to Right	B524L/B525L	C362	C367
.122	.500	.870	18-16	Brass	7540	7540UXX5				
.153	.500	.870	18-16	Brass	7545	7545UXX5				

### JHB Series - Swedged Crimp

.105	.500	.870	18-16	Brass	7610	7610UXX5	Left to Right	B526L/B527L	C580	C581
.122	.500	.870	18-16	Brass	7615	7615UXX5				
.153	.500	.870	18-16	Brass	7620	7620UXX5				

### Heater Cord Connector

.156	-	-	18-14	Brass	7530	7530UXX5	Left to Right	B970L/B971L	C701	C697
------	---	---	-------	-------	------	----------	---------------	-------------	------	------

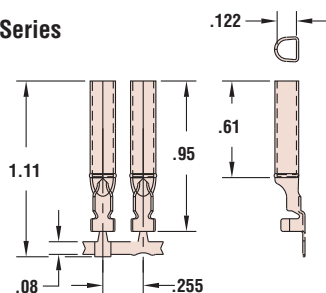
\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-63 in Heyco Catalog 113.

Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8.

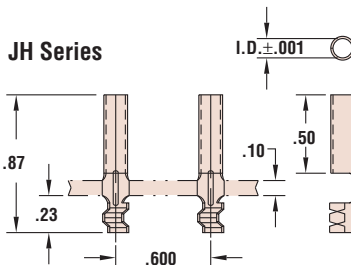
\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

† With Insulation Crimp for strain relief and wire support for insertion into the housing.

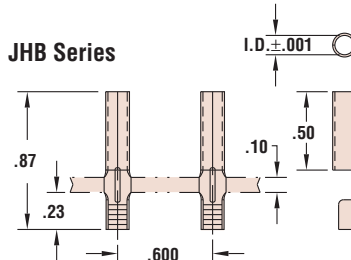
1330 Series



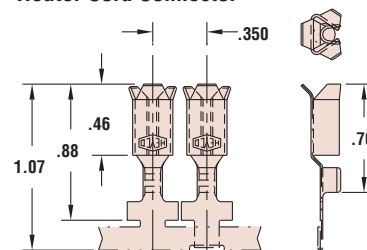
JH Series



JHB Series



Heater Cord Connector



*Quick  
Specs*

Material

Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)



## Heyco® Male Pins Mating Chart

MALE PART DATA			PART NOS.		
Dia. in.	AWG Range	Material	Male	Mating Female	Mating Female Series
MP075 Series					
.075	20-18	Brass	7010	7381	FE
MP089 Series					
.089	20-18	Brass Tin-Pl Post-Silver	7012 7013 7011	-	-
MP093 Series					
.093	20-18	Brass Tin-Pl	7002 7003	7395 7380	FE
	20-18	Brass Tin-Pl	7000 7001	7395 7380	
	20-18	Tin-Pl	7004	7380	
	16-14	Brass Tin-Pl	7008 7009	7300 7299	TVR
MP109 Series					
.109	20-18	Brass Tin-Pl	7032 7033	7305 -	TVR -
	20-18	Brass Tin-Pl	7030 7031	7405 -	FE -
	20-18	Brass Tin-Pl	7034 7035	7405 -	FE -
	16-14	Brass Tin-Pl	7049 7050	7283 7284	1200
	16-14	Brass Tin-Pl	7047 7048	7283 7284	

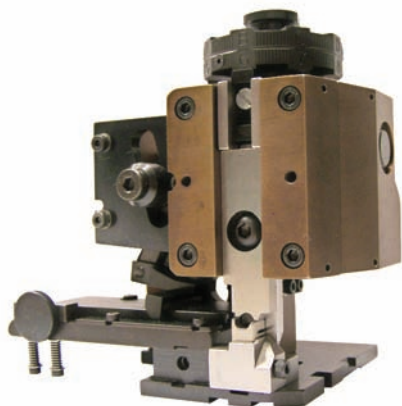
Consult Heyco for parts lacking mates.

MALE PART DATA			PART NOS.		Mating Female Series
Dia. in.	AWG Range	Material	Male	Mating Female	
MP122 Series					
.122	16-14	Tin-Pl	7055	-	-
MP125 Series					
.125	20-18	Brass	7062	7357, 7358 or 7359*	1330
	20-18	Brass Tin-Pl	7060 7061		
	20-18	Brass Tin-Pl	7064 7065		
	16-14	Brass Tin-Pl	7068 7069	7360, 7361, 7364 or 7366*	1330
	16-14	Tin-Pl	7073		
		Tin-Pl	7076		
	MP141 Series				
.141	18-16	Brass	7171	-	-
MP156 Series					
.156	18-16	Brass Tin-Pl	7181 7183	7620 -	JHB -
	18-16	Brass	7180	7620	JHB
MP178 Series					
.178	18-14	Brass Tin-Pl	7194 7195	- -	- -
	12-10	Brass	7192	-	-
		Tin-Pl	7193	-	-

\*These are Brass **1330 Series Specialty Females**, differing in feed direction and insulation crimp.

Please consult Heyco for more information on the above parts, or for parts lacking mates.

**HEYCO**



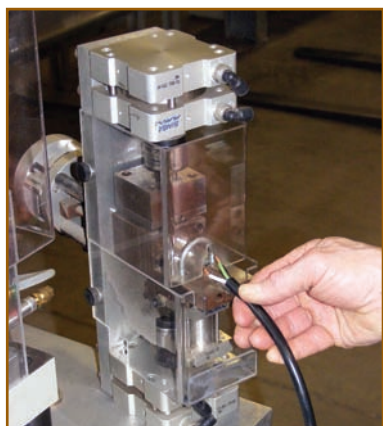
### Wire Stripper

Heyco now offers a Wire Stripping Unit for use with our Semi-Automatic Application Systems. This unit will cut and strip to length the inner jacket of your wire. It also preforms the wire for faster insertion when using our Semi-Automatic Application Systems.

Order the Z464 Wire Stripper Assembly Base with the appropriate wire gauge tooling shown:

- Z462 Wire Stripper (18 Ga.)
- Z498 Wire Stripper (16 Ga.)
- Z499 Wire Stripper (14 Ga.)
- Z590 Wire Stripper (12 Ga.)
- Z591 Wire Stripper (10 Ga.)

The wire gauge tooling is interchangeable if various wire gauges are required.



## Heyco® Mini Applicators

Quick change Mini-Applicators compatible with industry standard 1.5 - 3 ton presses. Consult Heyco with your specific application needs.

For use with the following Heyco parts.

DESCRIPTION	CAT. 113 PAGE NO.	CAT. 113 PART NO.
Heyco Ring and Spade Terminals	8-19, 8-20	All
Heyco Quick Connect Terminals	8-21, 8-22	All
	8-23	4750, 4751
	8-24	4838, 4834, 4835
Heyco Padded Male Blades	8-35	All
Heyco Full Thickness Male Blades	8-37	All
	8-39	None
Heyco .187" Diameter Ground Pins - Male & Female	8-45, 8-46	All
Heyco Specialty Pins	8-44	All
Heyco Male Pins	8-49, 8-50	All
Heyco Female Pin Connectors - Round Barrel	8-51	All
Heyco Female Pin Connectors - Round Barrel with Insulation Crimp	8-52	All
Heyco Specialty Female Connectors	8-53	All

### To order a Heyco® Mini Applicator...

Please provide your customer service representative with the following:

1. Correct Heyco part number
2. American Wire Gauge (AWG) you will be using with the Heyco part number (AWG replaces the "XX" that appears under the Die column in the tabular charts).
3. Shut height of your press
4. Sample of the wire you are using

### Press Specifications for Heyco® Mini Applicators

1. 1.5 to 3.0 tons depending on terminal.
2. 1.575" to 1.181" (30 - 40 mm) stroke
3. 5.346" (135.8 mm) shut height
4. Mounting mini die T style coupling.

#### For High Volume Applications:

Consult Heyco for our standard and universal applicator dies and presses.

**Consult Heyco  
for Applicator  
Loan/Buy Options!**



***"Stay Connected with Heyco" Power Components***

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Fax: 732.244.8843 • Toll Free Fax: 800.358.7904

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