

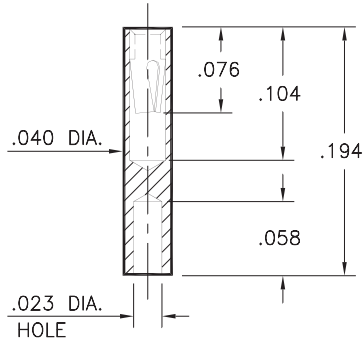
PIN RECEPTACLES

TOOLING FOR CRIMP PIN RECEPTACLES

3061-0-19-XX-21-YY-10-0

Acceptance Range .015"-.022" (0,38-0,56mm)
Accepts wire sizes 28 AWG Max. /32 AWG Min.

YY = (02, 84 or 27 contact finish ONLY)

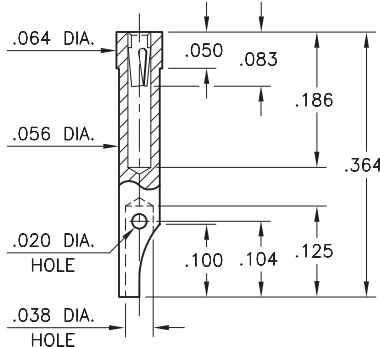


Daniels Crimp Tool #[MH992](#)
using Daniels Positioner #[K1733S](#)

4485-0-51-XX-21-YY-10-0

Acceptance Range .015"-.022" (0,38-0,56mm)
Accepts wire sizes 22 AWG Max. /24 AWG Min.

YY = (02, 84 or 27 contact finish ONLY)

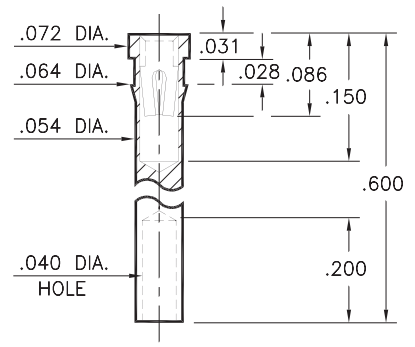


Daniels Crimp Tool #[TBD](#)
using Daniels Positioner #[TBD](#)

1707-0-19-XX-30-YY-10-0

Acceptance Range .015"-.025" (0,38-0,64mm)
Accepts wire sizes 22 AWG Max. /24 AWG Min.

YY = (02, 84 or 27 contact finish ONLY)

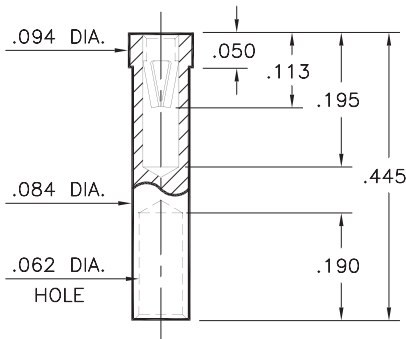


Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K1931](#)

5295-0-19-XX-06-YY-10-0

Acceptance Range .022"-.032" (0,56-0,81mm)
Accepts wire sizes 18 AWG Max. /22 AWG Min.

YY = (01, 80 or 27 contact finish ONLY)

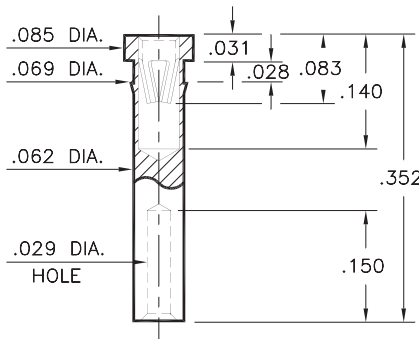


Daniels Crimp Tool #[AF8](#)
using Daniels Positioner #[TP1746](#)

0303-0-19-XX-16-YY-10-0

Acceptance Range .022"-.034" (0,56-0,86mm)
Accepts wire sizes 26 AWG Max. /30 AWG Min.

YY = (01, 80 or 27 contact finish ONLY)

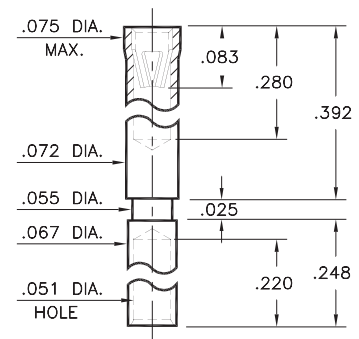


Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K937](#)

0306-0-19-XX-16-YY-10-0

Acceptance Range .022"-.034" (0,56-0,86mm)
Accepts wire sizes 20 AWG Max. /24 AWG Min.

YY = (01, 80 or 27 contact finish ONLY)



Daniels Crimp Tool #[MH800](#)
using Daniels Positioner #[K1086](#)

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Inches

Tolerances On: Lengths: ±.005

Diameters: ±.002

Angles: ±2°



ORDER CODE: **XXXX - X - XX - XX - XX - 10 - 0**

BASIC PART #

SPECIFY SHELL FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- ◆ 80 200 μ" TIN OVER NICKEL (RoHS)
- ◆ 15 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- 02 100 μ" TIN/LEAD OVER NICKEL
- ◆ 80 200 μ" TIN OVER NICKEL (RoHS)
- ◆ 84 100 μ" TIN OVER NICKEL (RoHS)
- ◆ 27 30 μ" GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#06, #16, #21, #30 CONTACT (DATA ON PAGES 251-256)
(For alternate contact choices, see groups A, C and D on page 248)

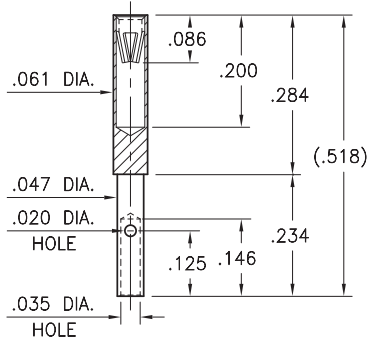


PIN RECEPTACLES

TOOLING FOR CRIMP PIN RECEPTACLES

0722-0-33-XX-47-XX-10-0

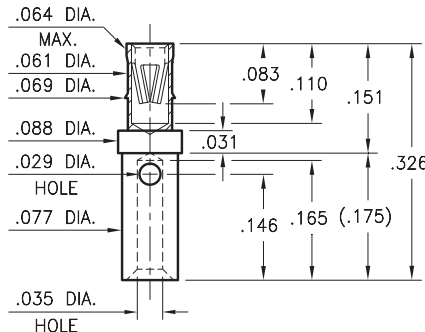
Acceptance Range .025"-.037" (0,64-0,94mm)
Accepts wire sizes 22 AWG Max. /28 AWG Min.



Daniels Crimp Tool [#AFM8](#)
using Daniels Positioner [#K41](#)
Daniels Crimp Tool [#MH860](#)
using Daniels Positioner [#86-5](#)

6368-0-33-XX-47-XX-10-0

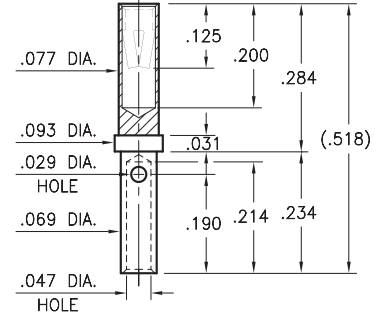
Acceptance Range .025"-.037" (0,64-0,94mm)
Accepts wire sizes 22 AWG Max. /26 AWG Min.



Daniels Crimp Tool [#AFM8](#)
Contact dmctools.com for positioner
(Reference Mill-Max Part number)

0720-0-33-XX-34-XX-10-0

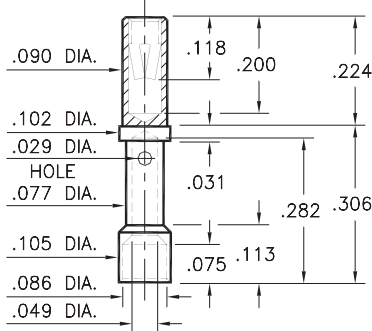
Acceptance Range .032"-.046" (0,81-1,17mm)
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool [#AFM8](#)
using Daniels Positioner [#K43](#)
Daniels Crimp Tool [#AF8](#)
using Daniels Positioner [#TH163RED](#)
Daniels Crimp Tool [#MH860](#)
using Daniels Positioner [#86-7](#)

0348-0-33-XX-34-XX-10-0

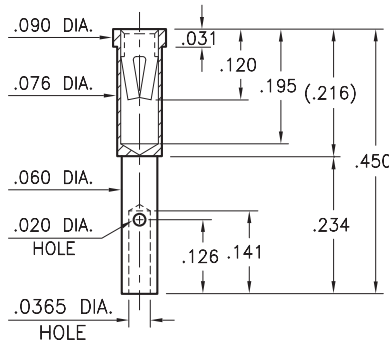
Acceptance Range .032"-.046" (0,81-1,17mm)
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool [#AFM8](#)
using Daniels Positioner [#K930](#)
Daniels Crimp Tool [#AF8](#)
using Daniels Positioner [#TH534](#)

4130-0-33-XX-34-XX-10-0

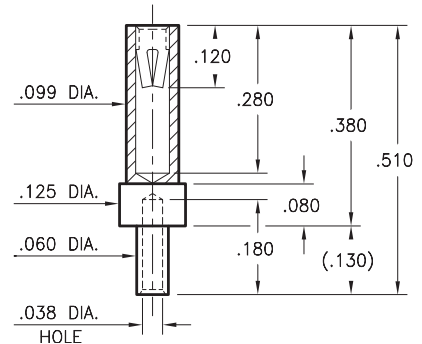
Acceptance Range .032"-.046" (0,81-1,17mm)
Accepts wire sizes 22 AWG Max. /26 AWG Min.



Daniels Crimp Tool [#AFM8](#)
Contact dmctools.com for positioner
(Reference Mill-Max Part number)

8731-0-19-XX-34-XX-10-0

Acceptance Range .032"-.046" (0,81-1,17mm)
Accepts wire sizes 22 AWG Max. /26 AWG Min.



Daniels Crimp Tool [#AFM8](#)
using Daniels Positioner [#K1698](#)

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Inches

Tolerances On: Lengths: ±.005

Diameters: ±.002

Angles: ± 2°



ORDER CODE: **XXXX - X - XX - XX - XX - 10 - 0**

BASIC PART #

SPECIFY SHELL FINISH:

01 200 μ" TIN/LEAD OVER NICKEL

◆ **80** 200 μ" TIN OVER NICKEL (RoHS)

◆ **15** 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

01 200 μ" TIN/LEAD OVER NICKEL

◆ **80** 200 μ" TIN OVER NICKEL (RoHS)

◆ **27** 30 μ" GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#34 or #47 CONTACT (DATA ON PAGES 256-258)

(For alternate contact choices, see groups D and E on page 248)

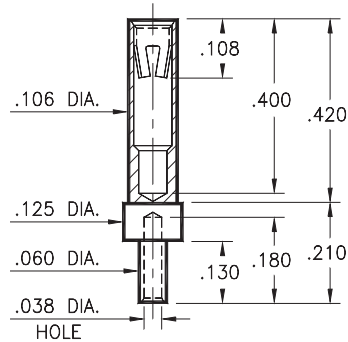


PIN RECEPTACLES

TOOLING FOR CRIMP PIN RECEPTACLES

8730-0-19-XX-23-XX-10-0

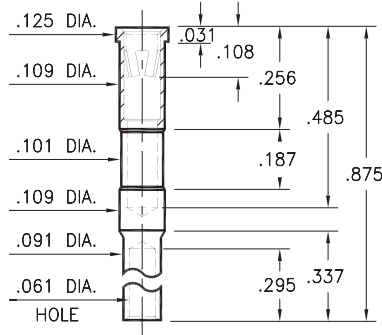
Acceptance Range .045"-.065" (1,14-1,65mm)
Accepts wire sizes 22 AWG Max. /26 AWG Min.



Daniels Crimp Tool #AFM8
using Daniels Positioner #K1698

3667-0-19-XX-23-XX-10-0

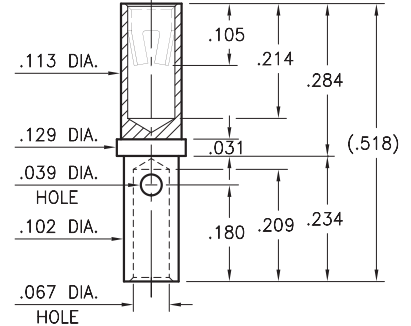
Acceptance Range .045"-.065" (1,14-1,65mm)
Accepts wire sizes 18 AWG Max. /22 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TP1541

0716-0-33-XX-23-XX-10-0

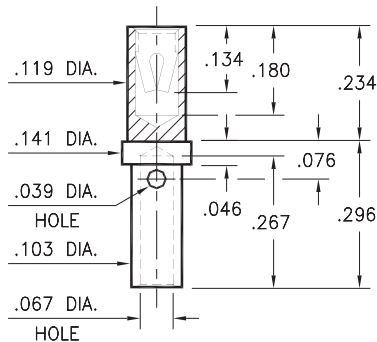
Acceptance Range .045"-.065" (1,14-1,65mm)
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH163BLUE
Daniels Crimp Tool #MH860
using Daniels Positioner #86-3

0368-0-33-XX-13-XX-10-0

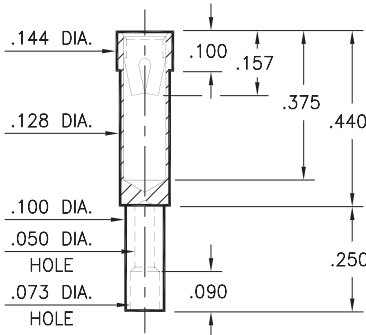
Acceptance Range .048"-.064" (1,22-1,63mm)
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH534

0370-0-19-XX-07-XX-10-0

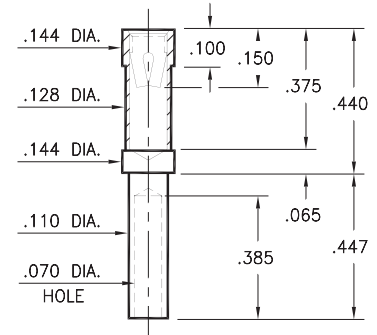
Acceptance Range .065"-.082" (1,65-2,08mm)
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH534

4040-0-19-XX-07-XX-10-0

Acceptance Range .065"-.082" (1,65-2,08mm)
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #M309
using Daniels Positioner #TP1589

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Inches
Tolerances On: Lengths: ±.005
Diameters: ±.002
Angles: ±2°



ORDER CODE: XXXX - X - XX - XX - XX - 10 - 0

BASIC PART

SPECIFY SHELL FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- ◆ 80 200 μ" TIN OVER NICKEL (RoHS)
- ◆ 15 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- ◆ 80 200 μ" TIN OVER NICKEL (RoHS)
- ◆ 27 30 μ" GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#07, #13, #23 CONTACT (DATA ON PAGE 260-261)
(For alternate contact choices, see groups G and H on page 248)

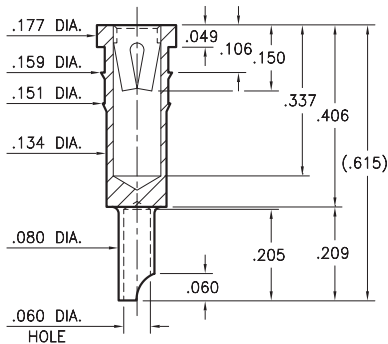


PIN RECEPTACLES

TOOLING FOR CRIMP PIN RECEPTACLES

9177-0-18-XX-07-XX-10-0

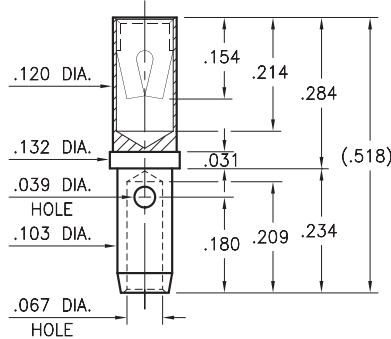
Acceptance Range .065"-.082" (1,65-2,08mm)
Accepts wire sizes up to 16 AWG



Daniels Crimp Tool #TBD
using Daniels Positioner #TBD

0714-0-33-XX-07-XX-10-0

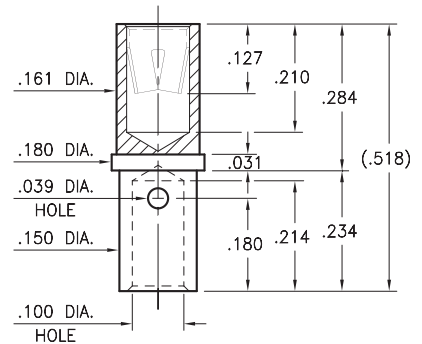
Acceptance Range .065"-.082" (1,65-2,08mm)
Accepts wire sizes 14 AWG Max. /16 AWG Min.



Daniels Crimp Tool #AF8
Positioner #TH163BLUE for 16 AWG wire
Positioner #TH163YELLOW for 14 AWG wire

0712-0-33-XX-08-XX-10-0

Acceptance Range .084"-.102" (2,13-2,59mm)
Accepts wire sizes 12 AWG Max. /14 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH163YELLOW

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Inches

Tolerances On: Lengths: ±.005

Diameters: ±.002

Angles: ± 2°



ORDER CODE: XXXX - X - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:

01 200 μ" TIN/LEAD OVER NICKEL

◆ 80 200 μ" TIN OVER NICKEL (RoHS)

◆ 15 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

01 200 μ" TIN/LEAD OVER NICKEL

◆ 80 200 μ" TIN OVER NICKEL (RoHS)

◆ 27 30 μ" GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#07 or #08 CONTACT (DATA ON PAGE 261-262)
(For alternate contact choices, see group H on page 248)

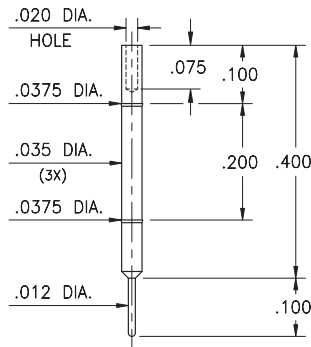


MALE PCB PINS

TOOLING FOR CRIMP PINS

4194-0-00-XX-00-00-08-0

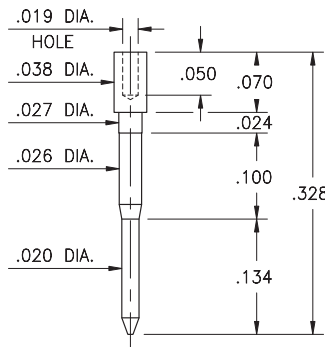
Wire crimp termination & press-fit in .036 hole
Accepts wire sizes 30 AWG Max. /34 AWG Min.



Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K1566](#)

5556-0-00-XX-00-00-38-0

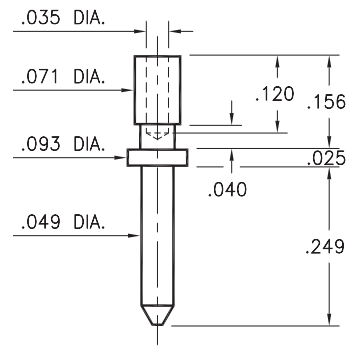
Wire crimp termination
Accepts wire sizes 30 AWG Max. /34 AWG Min.



Daniels Crimp Tool #[MH835](#)
using Daniels Positioner #[K1936](#)

3139-0-00-XX-00-00-08-0

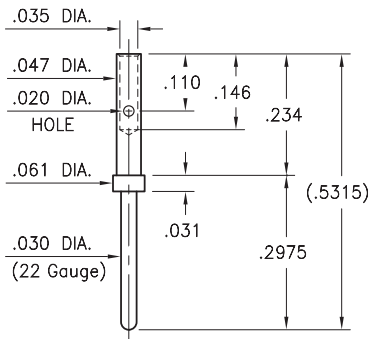
Wire crimp termination
Accepts wire sizes 24 AWG Max. /28 AWG Min.



Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K938](#)

3922-0-01-XX-00-00-08-0

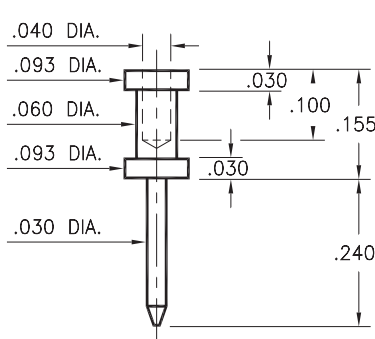
Wire crimp termination
Accepts wire sizes 22 AWG Max. /28 AWG Min.



Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K42](#)
Daniels Crimp Tool #[MH860](#)
using Daniels Positioner #[86-6](#)

3132-0-00-XX-00-00-08-0

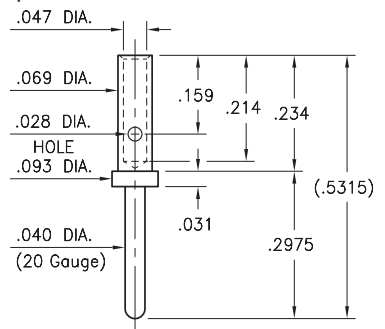
Wire crimp termination
Accepts wire sizes 22 AWG Max. /24 AWG Min.



Daniels Crimp Tool #[MH992](#)
using Daniels Positioner #[K1939](#)

3920-0-01-XX-00-00-08-0

Wire crimp termination
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool #[AFM8](#)
using Daniels Positioner #[K43](#)
Daniels Crimp Tool #[AF8](#)
using Daniels Positioner #[TH163RED](#)
Daniels Crimp Tool #[MH860](#)
using Daniels Positioner #[86-7](#)

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

Tolerances On: Lengths: $\pm .005$
Diameters: $\pm .002$
Angles: $\pm 2^\circ$



ORDER CODE: **XXXX - X - XX - XX - 00 - 00 - XX - 0**

BASIC PART #

SPECIFY PIN FINISH:

- 01** 200 μ " TIN/LEAD OVER NICKEL
- 80** 200 μ " TIN OVER NICKEL (RoHS)
- 15** 10 μ " GOLD OVER NICKEL (RoHS)
- 21** 20 μ " GOLD OVER NICKEL (RoHS)
- 34** 50 μ " GOLD OVER NICKEL (RoHS)

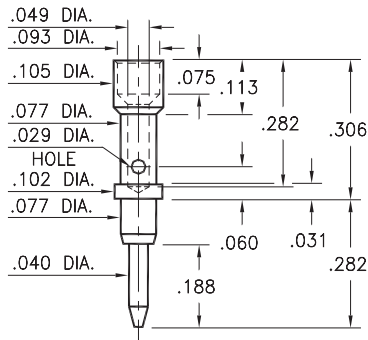


MALE PCB PINS

TOOLING FOR CRIMP PINS

3603-0-07-XX-00-00-08-0

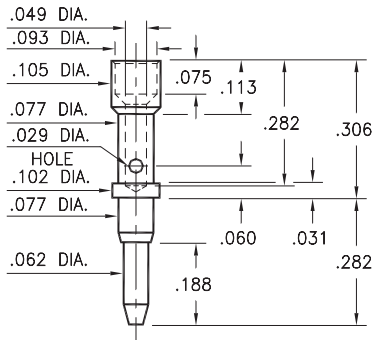
Wire crimp termination
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH535

3602-0-07-XX-00-00-08-0

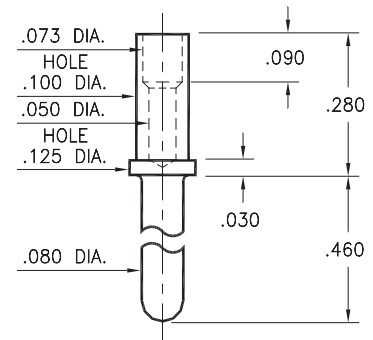
Wire crimp termination
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH535

0520-0-00-XX-00-00-03-0

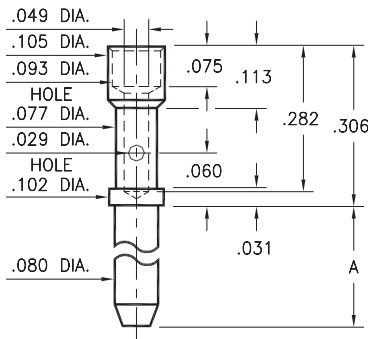
Wire crimp termination
Accepts wire sizes 20 AWG Max. /24 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH535

3601-X-07-XX-00-00-08-0

Wire crimp termination
Accepts wire sizes 20 AWG Max. /24 AWG Min.

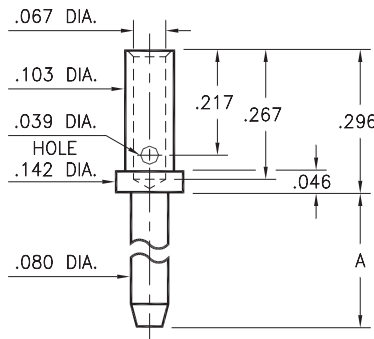


Daniels Crimp Tool #AF8
using Daniels Positioner #TH535

Basic Part Number	Pin Length A
3601-1	.200
3601-2	.375
3601-3	.500

3609-X-07-XX-00-00-08-0

Wire crimp termination
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH535

Basic Part Number	Pin Length A
3609-1	.200
3609-2	.375
3609-3	.500

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

Tolerances On: Lengths: $\pm .005$
Diameters: $\pm .002$
Angles: $\pm 2^\circ$



ORDER CODE: XXXX - X - XX - XX - 00 - 00 - XX - 0

BASIC PART #

SPECIFY PIN FINISH:

- 01 200 μ " TIN/LEAD OVER NICKEL
- ◆ 80 200 μ " TIN OVER NICKEL (RoHS)
- ◆ 15 150 μ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20 μ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50 μ " GOLD OVER NICKEL (RoHS)

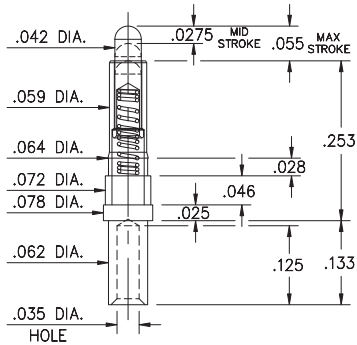


MALE PCB PINS

TOOLING FOR CRIMP PINS

0962-0-15-20-75-14-11-0

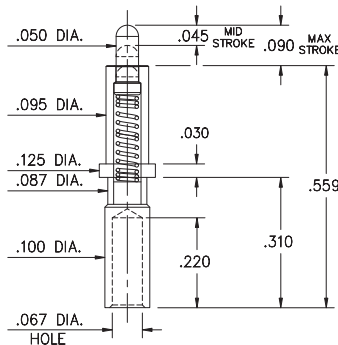
Standard stroke, Wire crimp termination
Accepts wire sizes 24 AWG Max. /28 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TP1740

0855-0-15-20-82-14-11-0

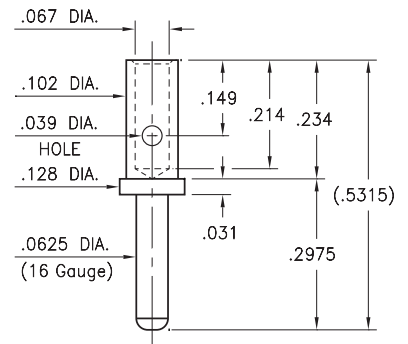
Power spring pin, Wire crimp termination
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TP1776

3916-0-01-XX-00-00-08-0

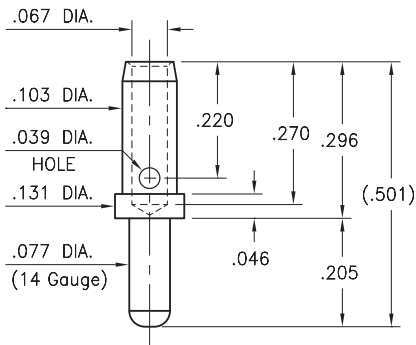
Wire crimp termination
Accepts wire sizes 16 AWG Max. /20 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH163BLUE
Daniels Crimp Tool #MH860
using Daniels Positioner #86-3

3914-0-01-XX-00-00-08-0

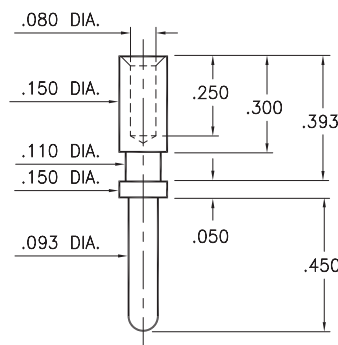
Wire crimp termination
Accepts wire sizes 14 AWG Max. /16 AWG Min.



Daniels Crimp Tool #AF8
Positioner #TH163BLUE for 16 AWG wire
Positioner #TH163YELLOW for 14 AWG wire

9092-0-00-XX-00-00-38-0

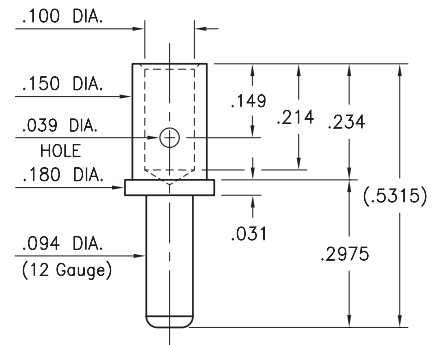
Wire crimp termination
Accepts wire sizes up to 14 AWG



Daniels Crimp Tool #M309
using Daniels Positioner #TP1698

3912-0-01-XX-00-00-08-0

Wire crimp termination
Accepts wire sizes 12 AWG Max. /14 AWG Min.



Daniels Crimp Tool #AF8
using Daniels Positioner #TH163YELLOW

Material Specifications:

Sleeve & Plunger Material: Copper Alloy
Spring Material: Beryllium Copper or SS 302
Sleeve & Plunger Finish: 20 μ" Gold over Nickel
Spring Finish: 10 μ" Gold over Nickel
Dimensions: Inches
Tolerances On: Lengths: ±.006
Diameters: ±.002
Angles: ±2°



Mechanical & Electrical Specifications:

Durability: 1,000,000 cycles
Rated Current (Free air):
Continuous 9 amps @ 10° C temperature rise
Contact Resistance: 20 mΩ max.
Environmental Specifications:
Operating temperature range: -55/+125° C

75, 82 Springs are not interchangeable

Order Code: 0XXX - X - 15 - 20 - XX - 14 - 11 - 0

Spring Number

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
75	.0275	.055	60 g	25 g
82	.045	.090	120 g	25 g

