

Wire Connectors

Twist-on connectors

All twist-on connectors feature an internal square wire spring that secures a good grip on conductors. Our Twist-on connectors feature a dented design that ensures a truer grip and better comfort. Five color coded models cover a full range of wire sizes from 22 to 10 AWG.



Twist-on connectors with base

The Twist-on connectors with base allow additional costs savings without compromising quality. Three color coded models cover a full range of wire sizes from 22 to 10 AWG. An internal square wire spring secures a good connection.



Winged Wire Connectors

The swept-back wing design provides finger-tip comfort and increases torquing power. Five color coded models cover a full range of wire sizes from 22 to 6 AWG. All Winged wire connectors feature an internal square wire spring that clasps securely on conductors.



High Temperature Wire Connectors

The thermoplastic shells are designed to withstand extreme temperatures and are 150°C (302°F) rated. An internal square wire spring secures a good grip on conductors. The specific dented design offers better grip and comfort to ensure better torquing.



Grounding Connectors

These grounding connectors are designed specifically to make positive ground connections and to bond non-metallic sheathed cable. The green colour code allows quick grounding identification. The live-action square spring draws wires deep into spring for safe and strong connection.



Wire Connector Socket Tools

These sockets feature a hexagonal shank design compatible with any pneumatic or electrical tool having a 1/4" chuck or drive socket. It is used on Twist-on and Winged connectors for quicker secure connections and reduced work fatigue.



Packaging Selections



PACKAGING	Format
C	Blister pack (Resealable)
M	Combo Blister pack (Resealable)



PACKAGING	Format
B	Small Box
P	Larger Box (Pro-Pack)
T	Master pack



PACKAGING	Format
H	Handy Plastic Box
K	Keg Pack

Twist-on Connectors



- Flame-retardant thermoplastic shell provides excellent electrical insulation.
- Internal square wire spring provides more securely gripping on conductors.
- Deep skirt entry protects from flash over and short circuits.
- Dented design ensures a truer grip and better comfort.
- Threaded, funnel entry guides wires into the connector easily.
- Thermoplastic, UL 94-V2 flame-retardant shell with internal spring.
- CSA Certified.
- Temperature Rating : Max. 105°C (221°F)
- 5 colour coded models cover a full range of wire sizes from 22 to 10 AWG.

Dimensions



Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
HWCS1	3.8	0.15	6.7	0.264	8.6	0.339	5.8	0.228	15.2	0.598
HWCS2	4.1	0.161	7	0.276	9.8	0.386	5.9	0.232	17.6	0.693
HWCS3	5	0.197	9.9	0.39	12.2	0.48	7.8	0.307	22	0.866
HWCS4	6	0.236	11.2	0.441	14	0.551	7.9	0.311	24	0.945
HWCS6	7.5	0.295	13	0.512	16.4	0.646	9.15	0.36	26.5	1.043

Mixed packaging for more options



Product Colour	Wire Combination Range	Catalogue Part #	Quantity	UPC (with check digit)
Grey, Blue	No. 22- No. 14 AWG MIN.: 2 #22; MAX.: 1#16 / 1#18 / 1#20 300 Volt Max	HWCS12C20	20 / blister pack	626463032268
Orange, Yellow, Red	No. 22- No. 14 AWG MIN.: 1#18 / 1#20; MAX.: 4#16 / 1#20 600 Volt Max	HWCS346C15	15 / blister pack	626463032275
		HWCS346H200	200 / handy box	626463032282



Product Colour	Wire Combination Range	Catalogue Part #	Quantity	UPC (with check digit)
Grey	No. 22- No. 14 AWG MIN.: 2 #22; MAX.: 1#16/1#18/1#20 300 Volt Max	HWCS1B100	100 / Box	626463040140
Blue	No. 22- No. 14 AWG MIN.: 2#22; MAX.: 3#16 300 Volt Max	HWCS2B100	100 / Box	626463040157
Orange	No. 22- No. 14 AWG MIN.: 1#18 / 1#20; MAX.: 1#14 w/ 1#16 w/1#18 600 Volt Max	HWCS3C20	20 / Blister Pack	626463032305
		HWCS3M50	50 / Combo Pack	626463032299
		HWCS3P100	100 / Box	626463032329
		HWCS3KP500	500 / Keg Pack	626463032312
Yellow	No. 22- No. 10 AWG MIN.: 3#20; MAX.: 2#12 / 3#18 600 Volt Max	HWCS4C12	12 / Blister Pack	626463032343
		HWCS4M40	40 / Combo Pack	626463032336
		HWCS4P100	100 / Box	626463032466
		HWCS4KP400	400 / Keg Pack	626463032350
Red	No. 22- No. 10 AWG MIN.: 3#18; MAX.: 2#10 / 2#12 600 Volt Max	HWCS6C6	6 / Blister Pack	626463032374
		HWCS6M25	25 / Combo Pack	626463032367
		HWCS6H150	150 / Handy Box	626463032398
		HWCS6KP250	250 / Keg Pack	626463032381

Twist-on connectors with base

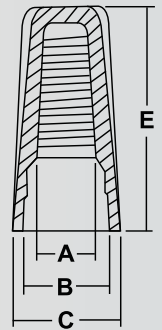


- Thermoplastic, UL 94-V2 flame-retardant shell with internal spring.
- CSA Certified.
- Temperature Rating : Max. 105°C (221°F)
- 3 color coded models cover a full range of wire sizes from 22 to 10 AWG.
- Threaded, funnel entry guides wires into the connector easily.
- Rated 600 volt max. for building wiring and 1000 volt max. in lighting fixtures / luminaires and signs.
- Allow additional cost savings without compromising quality.



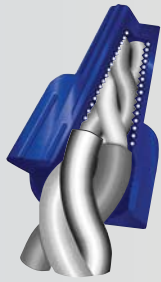
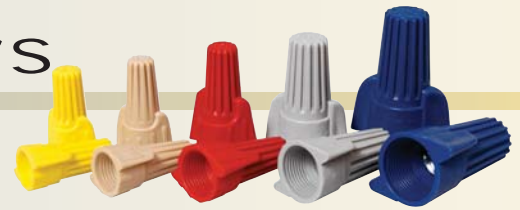
Dimensions

Model	A		B		C		D		E	
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]
HWCH3	5	0.197	9.9	0.39	12.2	0.48	7.8	0.307	21.9	0.862
HWCH4	6	0.236	11.2	0.441	14	0.551	7.9	0.311	23.8	0.937
HWCH6	7	0.276	12.8	0.504	16	0.63	8.9	0.35	26.6	1.047



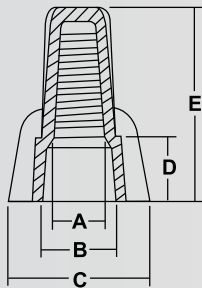
Product Colour	Wire Combination Range	Catalogue Part #	Quantity
Orange	No. 22 - No. 14 AWG MIN.: 1#18 / 1#20; MAX.: 4#16 / 1#20 600 Volt Max	HWCH3P100	100 / box
Yellow	No. 22- No. 10 AWG MIN.: 3#20; MAX.: 2#12 / 2#14 600 Volt Max	HWCH4P100	100 / box
Red	No. 22- No. 10 AWG MIN.: 3#18; MAX.: 2#10 / 2#12 600 Volt Max	HWCH6H150	150 / Handy box

Winged wire Connectors



- Flame-retardant thermoplastic shell provides excellent electrical insulation.
- Internal square wire spring clasps securely on conductors.
- Deep skirt entry protects from flash over and short circuits.
- Finger-friendly swept-back wings provide better comfort and allow improved torquing power.
- Dented design provides better grip and reduces annoying slip through fingers.
- Thermoplastic, UL 94-V2 flame-retardant shell with internal spring.
- CSA Certified.
- Temperature Rating : Max. 105 °C (221°F)
- Rated 600 volt max. for building wiring and 1000 volt max. in lighting fixtures / luminaires and signs.
- 5 color coded models cover a full range of wire sizes from 18 to 6 AWG.

Dimensions



Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
HWCW1	6.4	0.252	9.8	0.386	18.2	0.717	9	0.354	25.8	1.016
HWCW2	9	0.35	13.5	0.531	23	0.906	9.6	0.378	31.8	1.252
HWCW4	12	0.472	18.8	0.74	32	1.26	13	0.512	40	1.575
HWCM1	7.2	0.283	11.6	0.457	18.3	0.72	9.2	0.362	29	1.142
HWCM2	10	0.394	14.9	0.587	25.5	1.004	10	0.394	33.3	1.311

Product Color	Wire Combination Range	Catalogue Part #	Quantity	UPC (with check digit)
Yellow	No. 18- No. 10 AWG MIN.: 1 #16 w/2 #18; MAX.: 2 #14 w/2 #16 600 Volt Max	HWCW1B50	50 / box	626463032503
		HWCW1C12	12 / blister pack	626463032497
Red	No. 18- No. 8 AWG MIN.: 3#16 ; MAX.: 4#12 600 Volt Max	HWCW2C6	6 / blister pack	626463032473
Blue	No. 14- No. 6 AWG MIN.: 1 #6; MAX.: 3#8 / 1#12 600 Volt Max	HWCW4C3	3 / blister pack	626463032404
		HWCW4	10 / combo pack	626463040164



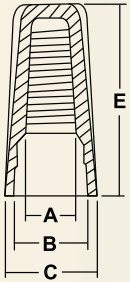
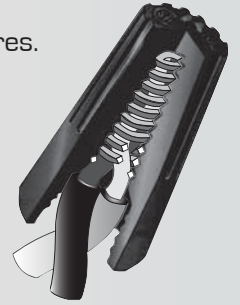
Product Color	Wire Combination Range	Catalogue Part #	Quantity	UPC (with check digit)
Tan	No. 18- No. 10 AWG MIN.: 1 #14 ; MAX.: 5 #14 600 Volt Max	HWCM1		
Grey	No. 18- No. 8 AWG MIN.: 3#14 / 1 #18 ; MAX.: 3#10 600 Volt Max	HWCM2		



High Temperature Wire Connectors



- Thermoplastic shell designed specifically to withstand extreme temperatures.
- Temperature Rated to 150°C (302°F).
- CSA Certified.
- Dented design ensures better grip and comfort.
- Internal square wire spring offers better grip and comfort to ensure better torquing.



Dimensions :

Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
HWCT1	3.8	0.15	6.7	0.264	8.6	0.339	5.8	0.228	14.8	0.583
HWCT3	5	0.197	9.9	0.39	12.2	0.48	7.8	0.307	22	0.866

Product Color	Wire Combination Range	Catalogue Part #	Quantity / Inner Pack	UPC (with check digit)
Black	No. 22- No. 18 AWG Min. 1 #18 w/1 #22 ; Max. 2 #18 300 Volt Max	HWCT1C6	6 / blister pack	626463039793
		HWCT1M100	100 / Combo pack	626463040171
Black	No. 22- No. 14 AWG Min. 1 #16 w/1 #22 ; Max. 2 #14 600 Volt Max	HWCT3C6	6 / blister pack	626463040195
		HWCT3M50	50 / Combo pack	626463040188

Grounding Connectors

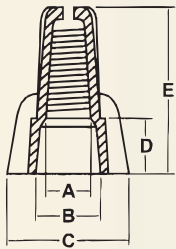
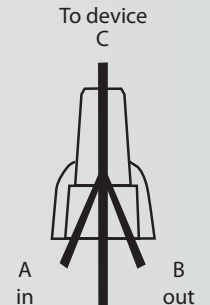


- Durable thermoplastic, UL 94-V2 flame-retardant shell with internal spring.
- Green color code allows quick identification of grounding connector.
- Specifically designed for positive ground connections and bonding non-metallic sheathed cable.
- The internal live-action square spring draws wires deep inside for a secure, strong connection
- CSA Certified.

Suggested use:

- A. System grounding wire
- B. System grounding wire
- C. "Through" wire between device and box ground

Note : If " through " wire is a jumper, make sure wire extends below skirt 6" (15.2 cm) minimum.



Dimensions :

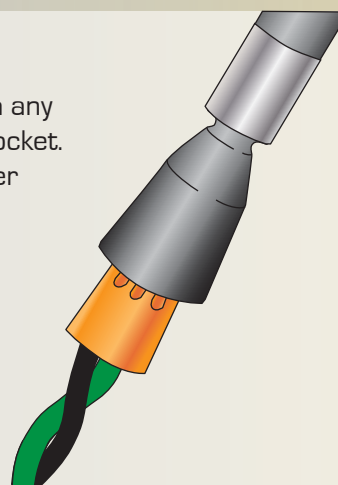
Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
HWCG	8.3	0.327	12.1	0.476	20.2	0.795	9.4	0.37	28.8	1.134

Product Color	Wire Combination Range	Catalogue Part #	Quantity	UPC (with check digit)
Green	No. 14- No. 10 AWG MIN.: 2#14 ; MAX.: 5#12	HWCG		



Wire Connector Socket Tools

Sockets feature an hexagonal shank design compatible with any pneumatic or electrical tool having a 1/4" chuck or drive socket. It is used on the Twist-on and Winged connectors for quicker secure connections and reduced work fatigue.



For Twist-on Wire Connectors :

Socket No.	Socket Colour	Use for Connector Model No.
HSOT1	Black	HWCS1(Grey), HWCS2(Blue), HWCS3(Orange), HWCH3 (Orange), HWCH4(Yellow)
HSOT2	Black	HWCS4(Yellow), HWCS6(Red), HWCH6(Red)



For Winged Connectors :

Socket No.	Socket Colour	Use for Connector Model No.
HSOW1	White	HWCW1(Yellow), HWCW2(Red)
HSOW2	Black	HWCM1(Tan)
HSOW3	Black	HWCW1(Yellow), HWCM1(Tan), HWCW2(Red), HWCM2 (Grey)



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