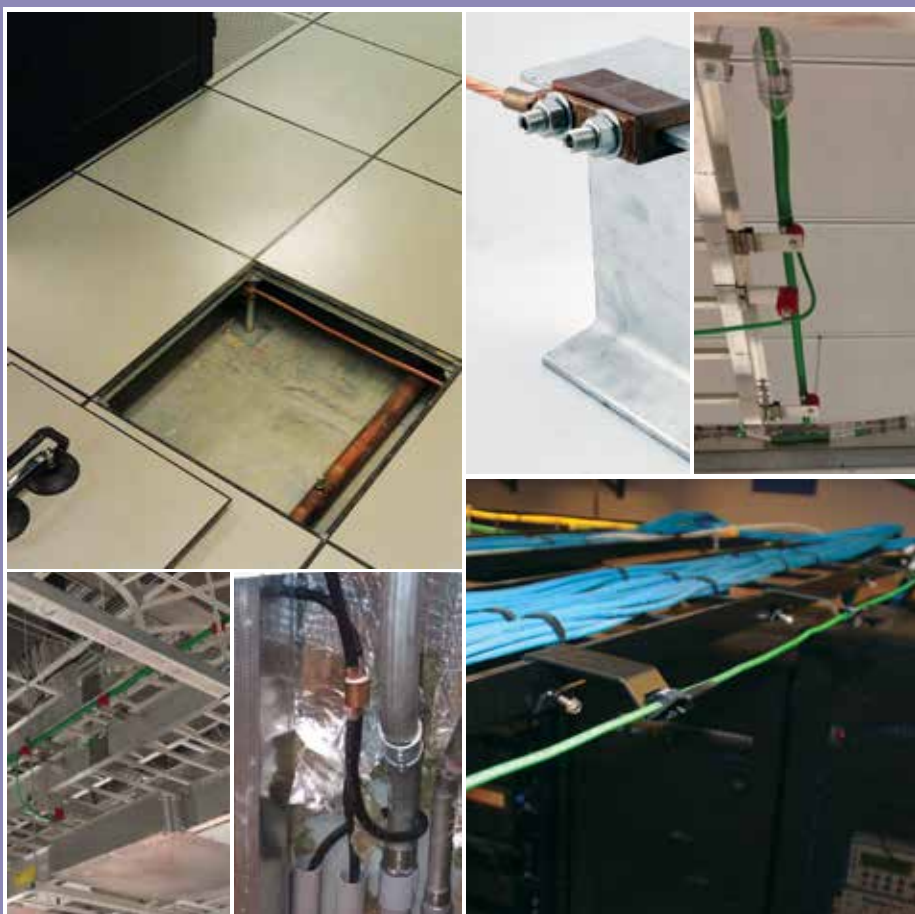




## METAL | Grounding and Bonding

Hubbell's full line of grounding and bonding products will protect and secure active equipment from harmful electrical interference. These products provide the best performance and are highly adaptable to fit within numerous building applications.





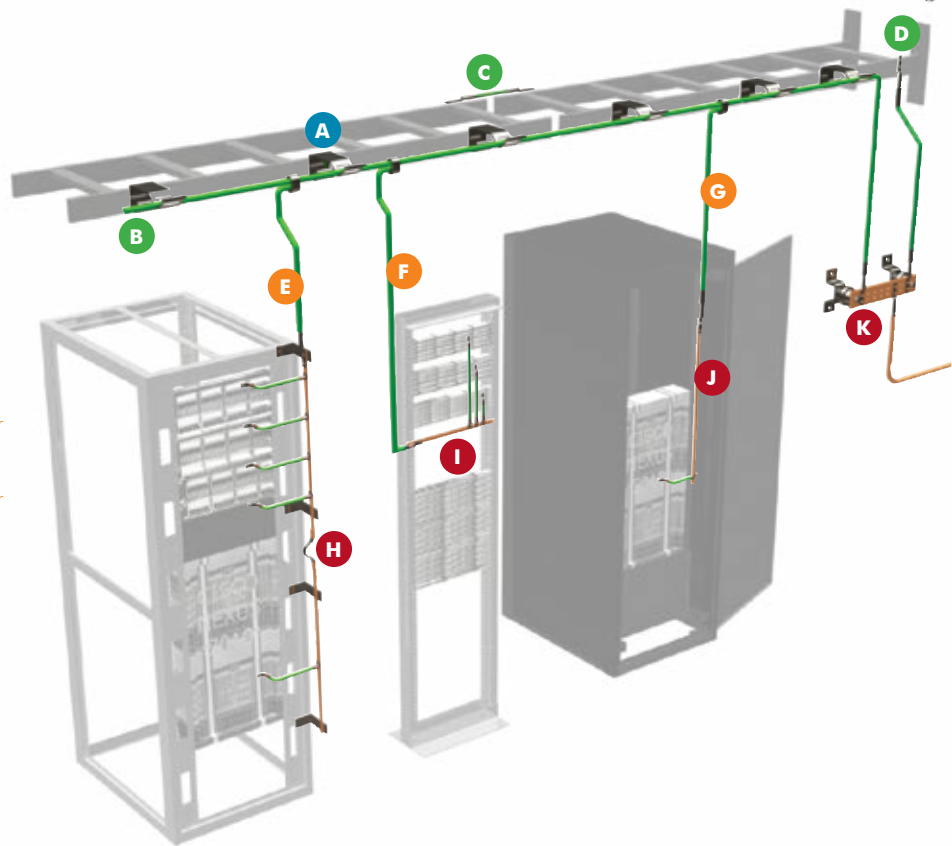
## METAL | Grounding and Bonding

Busbar Kits .....	P3
Bonding Conductor Kits.....	P4
Compression Lugs.....	P5
Busbars .....	P6
Irreversible Connectors .....	P7
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Clamps .....	P9
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Tools.....	P12
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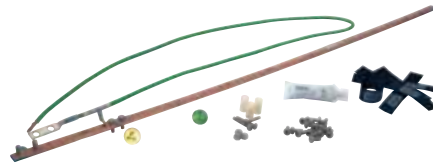




- A** Conductor Bracket for Ladder  
HGBTECBRKL10
- B** 12ft Conductor with double lug  
HGRKTD144DB
- C** Ladder tray jumper  
HGRKTD9D
- D** Ladder to Conductor  
HGRKTD60DB
- E** Conductor with C-Tap to  
76" Busbar  
HGRKTD60C46
- F** Conductor with C-Tap to 19" Busbar  
HGRKTD60C46
- G** Conductor with C-Tap to 36" Busbar  
HGRKTD60C46
- H** 76" x 3/4" Vertical Busbar  
HBBBVR76KT
- I** 19" Horizontal Busbar  
HBBBHR19KT
- J** 36" x 3/4" Vertical Busbar  
HBBBVR36KT
- K** 10" x 2" Wall Mounted Busbar  
HBBB14210A



Horizontal Busbar Kit  
HGRKTHT



Vertical Busbar Kit  
HGRKTVC



Wall Mounted Busbar Kit  
HGRKTTGB10A

## On-Rail Kits

Includes: 19" busbar; insulators ((2) nylon bushings, (2) nylon washers); mounting hardware ((2) M6 stainless screws, (2) #12-24 stainless screws); lug (DA crimped to 60", 6AWG); lug mount ((8) #6-32 stainless screws); ESD port for 4mm banana plug; VELCRO® strap; antioxidant

Description	Material	Single Pack	10-Pack
On-rail mounted; 19" rack grounding busbar	Copper	<b>HGRKTHC</b>	<b>HGRKTHC10</b>
	Tin-plated	<b>HGRKTHT</b>	<b>HGRKTHT10</b>

## In-Cabinet Kits

Includes: 36" busbar; insulators ((2) nylon bushings, (2) nylon washers); mounting hardware ((2) M6 stainless screws, (2) #12-24 stainless screws); lug (DA crimped to 60", 6AWG); lug mount ((8) #6-32 stainless screws); ESD port for 4mm banana plug; VELCRO® strap; antioxidant

Description	Material	Single Pack	10-Pack
In-cabinet mounted; 36" rack grounding busbar	Copper	<b>HGRKTVC</b>	<b>HGRKTVC10</b>
	Tin-plated	<b>HGRKTVT</b>	<b>HGRKTVT10</b>

## Wall Mounted Busbars

Busbar kit includes: copper busbar with stainless steel brackets and insulators; (1) 6AWG lug; (1) 2AWG lug; (2) 2/0AWG lugs; (1) 4/0AWG lug; stainless steel lug mounting hardware; Penetrox™ antioxidant; ground label

Size	Catalog No.
2" x 10"	<b>HGRKTTGB10A</b>
4" x 16"	<b>HGRKTTMGB16H</b>

VELCRO® is a registered trademark of Velcro Industries B.V. Penetrox™ is a trademark of Burndy Corporation.



### Kits Include

- 6AWG copper wire green insulated
- Long barrel lug(s) with inspection window
- Stainless steel mounting hardware
- 0.5oz tube of antioxidant
- Caution and GND labels

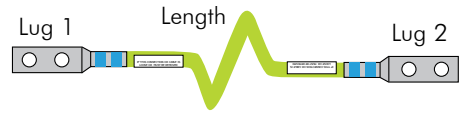
### Hole Mounting Dimensions

Lug Style	Hole Diameter	Hole Spacing	Angle
S	0.25"	–	0
D	0.25"	0.625"	0
DF	0.25"	0.625"	45
DN	0.25"	0.625"	90
DA	0.25"	0.75"	0
DB	0.25"	1.0"	0
DK	0.25"	–	0

*Color code indicates hole spacing*

### Configuring Bonding Conductor Kits

Base Catalog No.	Lug 1 Catalog No.	Length (Inches) Catalog No.	Lug 2 Catalog No.	Example:	Lug 1	Length (Inches)	Lug 2
<b>HGRKT</b>	<b>D</b>	<b>30"</b>	<b>D</b>	<b>HGRKT</b>	<b>DA</b>	<b>30</b>	<b>DN</b>
	<b>DA</b>	<b>45"</b>	<b>DF</b>				
	<b>DB</b>	<b>60"</b>	<b>DN</b>				
		<b>90"</b>	<b>DA</b>				
		<b>144"</b>	<b>DB</b>				



### Short Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
<b>HGRKTD9D</b>	Ladder tray jumper	D	9" (229)	D
<b>HGRKTS9S</b>		S	9" (229)	S
<b>HGRKTD9DXX10*</b>		D	9" (229)	D
<b>HGRKTDK11DKXH**</b>	Extruded aluminum ladder tray	DK	11" (279)	DK

\*Bulk 10-pack, no hardware, no antioxidant

\*\*No antioxidant

### Medium Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
<b>HGRKTD30S</b>	Surge suppressor conductor	D	30" (762)	S
<b>HGRKTD30DN</b>	Front to rear cabinet rail jumper	D	30" (762)	DN
<b>HGRKTD45DN</b>		D	45" (1143)	DN
<b>HGRKTD45DF</b>	Network equipment conductor	D	45" (1143)	DF
<b>HGRKTD45DFXX*</b>		D	45" (1143)	DF

\*Economy version, no hardware, no antioxidant

### Long Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
<b>HGRKTD144DA</b>	Telecommunications equipment bonding conductor	DA	144" (3658)	D
<b>HGRKTX240D</b>		–	250" (6350)	D
<b>HGRKTX360D</b>		–	360" (9144)	D

### Specialty Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
<b>HGRKTD30KS25</b>	Armored fiber	D	30" (762)	HGBKS25
<b>HGRKTD30C46</b>	Conductor with 6AWG C-tap	DA	30" (762)	C46
<b>HGRKTD60C46</b>		DA	60" (1524)	C46
<b>HGRKTD60C46</b>	Rack bonding conductor with C-tap	C	60" (1524)	C46



### Specifications

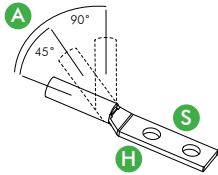
- Solid copper construction and tin plated
- UL Listed 90° C, 600V to 35kV
- Die index traceable
- UL and CSA Listed

### Lug Reference

- Hole diameter:  $38 = 3/8" = 0.375"$
- Window: inspect wire
- Barrel length: long series
- Die index: match with traceable die



### Lugs Color code indicates hole spacing

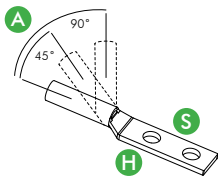


Wire Size	6AWG	4AWG	2AWG	1AWG	1/0	2/0	3/0
Pkg Qty	50	50	25	25	10	10	10
Barrel Color	Blue	Gray	Brown	Green	Pink	Black	Orange

Style	Lug Style	A = Angle	H = Hole	S = Spacing							
Single	S	0°	0.250"	-	<b>HGBL06S</b>	<b>HGBL04S</b>	<b>HGBL02S</b>	<b>HGBL01S</b>	<b>HGBL10S</b>		
Single		0°	0.375"	-			<b>HGBL02SA</b>	<b>HGBL01SA</b>	<b>HGBL10SA</b>	<b>HGBL20SA</b> <b>HGBL30SA</b>	
Double	D	0°	0.250"	0.625"	<b>HGBL06D</b>	<b>HGBL04D</b>	<b>HGBL02D</b>	<b>HGBL01D</b>	<b>HGBL10D</b>	<b>HGBL20D</b>	
Double	DA	0°	0.250"	0.750"	<b>HGBL06DA</b>	<b>HGBL04DA</b>	<b>HGBL02DA</b>	<b>HGBL01DA</b>	<b>HGBL10DA</b>	<b>HGBL20DA</b> <b>HGBL30DA</b>	
Double	DB	0°	0.375"	1.000"	<b>HGBL06DB</b>	<b>HGBL04DB</b>	<b>HGBL02DB</b>	<b>HGBL01DB</b>	<b>HGBL10DB</b>	<b>HGBL20DB</b> <b>HGBL30DB</b>	
Single	SF	45	0.250"	-	<b>HGBL06SF</b>	<b>HGBL04SF</b>	<b>HGBL02SF</b>				
Double	DF	45°	0.250"	0.625"	<b>HGBL06D45</b>	<b>HGBL04D45</b>	<b>HGBL02D45</b>				
Double	DN	90°	0.250"	0.625"	<b>HGBL06D90</b>	<b>HGBL04D90</b>	<b>HGBL02D90</b>		<b>HGBL10D90</b>		
Double		90°	0.375"	1.000"	<b>HGBL06DB90</b>	<b>HGBL04DB90</b>	<b>HGBL02DB90</b>		<b>HGBL10DB90</b>		
Double	DK	0°	0.27"	1.6"	<b>HGBL06DK</b>						
Double	DKN	90°	0.27"	1.6"	<b>HGBL06DKN</b>						
Die Index					7	8	10	11	12	13	14
HU Series					<b>HU5CRT</b>	<b>HU4CRT</b>	<b>HU2CRT</b>	<b>HU1CRT</b>	<b>HU25RT</b>	<b>HU26RT</b>	<b>HU27RT</b>
HW Series					<b>HW5CRT</b>	<b>HW4CRT</b>	<b>HW2CRT</b>	<b>HW1CRT</b>	<b>HW25RT</b>	<b>HW26RT</b>	<b>HW27RT</b>
HX Series					<b>HX5CRT</b>	<b>HX4CRT</b>	<b>HX2CRT</b>	<b>HX1CRT</b>	<b>HX25RT</b>	<b>HX26RT</b>	<b>HX27RT</b>
Dieless					(2)	(2)	(2)	(4)	(4)	(4)	(4)

See page P12

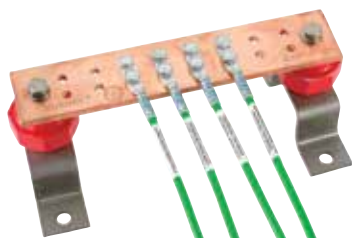
### Large Lugs



Wire Size	4/0	250kcmil	300kcmil	350kcmil	500kcmil	6000kcmil	750kcmil
Pkg Qty	10	5	5	5	5	5	5
Barrel Color	Purple	Yellow	White	Red	Brown	Green	Black

Style	A = Angle	H = Hole	S = Spacing								
Double	0°	0.375"	1.0"		<b>HGBL40DB</b>	<b>HGBL250DB</b>	<b>HGBL300DB</b>	<b>HGBL350DB</b>	<b>HGBL500DB</b>	<b>HGBL600DB</b> <b>HGBL750DB</b>	
Die Index					15	16	17	18	20	22	24
HU Series					<b>HU28RT</b>	<b>HU29RT</b>	<b>HU30RT</b>	<b>HU31RT</b>	<b>HU34RT</b>	<b>HU36RT</b>	<b>HU39RT</b>
HW Series					<b>HW28VT</b>	<b>HW29VT</b>	<b>HW30VT</b>	<b>HW31VT</b>	<b>HW34VT</b>		
Dieless					(4)						

See page P12



**Kits Include**

- Rack Ground Busbar
- Telecommunications Grounding Busbar
- Telecommunications Main Grounding Busbar
- Kits include insulators and assembly hardware
- Available with tin plating



**Busbars**

Catalog No./  
Description

*Color code indicates hole spacing*

Hole Diameter    Hole Spacing    Total Qty    Double Lug Qty

**HBBHR19KT\***  
0.75" W x 19" L x 0.25" D,  
insulators, mounting  
hardware, lug  
mounting hardware.



1/4"-20	0.625"	10	5
0.25"	0.75"	4	2



**HBBVR36KT\***  
0.75" W x 36" L x 0.25" D,  
insulators, mounting  
hardware, lug mounting  
hardware.



1/4"-20	0.625"	16	8
5/16"-18 stud	1.0"	2	1



**HBBVR76KT\***  
(2) 0.75" W x 36" L  
x 0.25" D busbars,  
8" braided jumper,  
insulators, (4) brackets,  
mounting hardware,  
lug mounting hardware.



1/4"-20	0.625"	16	8
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**HBBB14210A\***  
2" W x 10" L x 0.25" D



0.25"	0.625"	16	8
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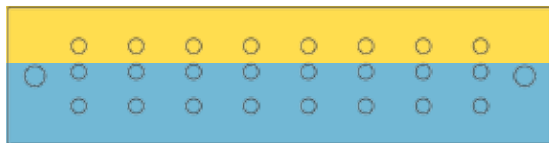
**HBBB14224B\***  
2" W x 24" L x 0.25" D



0.25"	0.625"	18	9
0.25"	0.75"	18	9



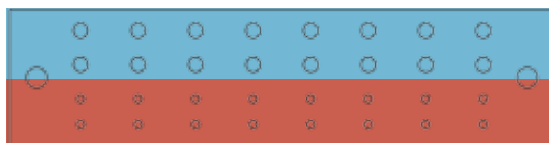
**HBBB14416G\***  
4" W x 16" L x 0.25" D



0.44"	0.75"	8	-
0.44"	1.0"	16	8



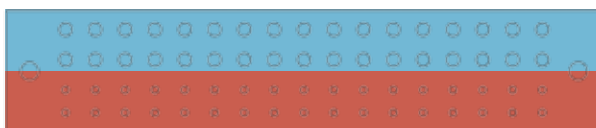
**HBBB14416H\***  
4" W x 16" L x 0.25" D



0.44"	1.0"	16	8
0.25"	0.75"	16	8



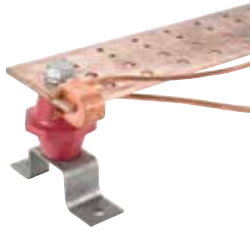
**HBBB14420J\***  
4" W x 20" L x 0.25" D



0.44"	1.0"	34	17
0.25"	0.75"	34	17



For all connections to busbars, oxidation must be scrubbed away and the application of an antioxidant is required.  
\*Add "TP" at the end of any busbar Catalog No. for Tin Plated.



### Installation



- Irreversible compression bond to busbars
- Die index traceable



Busbar Connector  
HYG14B2TC2C6C



Busbar Connector  
HYG14BTC28

## Busbar Connectors

Catalog No.	Quantity	Dimensions Inches (mm)	Wire 1	Wire 2	Die
<b>HYG14B2TC2C6C</b>	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	2AWG	6AWG	HU1105
<b>HYG14B2TC2C2C</b>	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	2AWG	2AWG	HU1105
<b>HYG14BTC28</b>	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	4/0 -1/0AWG	-	HU1105

Note: Individually packaged, Penetrox™ applied, compatible with 0.25" thick busbars.



### Installation



- Irreversible compression bond to steel I-beams
- Die index traceable





I-Beam Connector  
HYGIBS338



Heavy Duty Lug  
HYGHA02

## I-Beam Connectors

Catalog No.	Quantity	Steel Flange	Flange I Range Inches (mm)	Die
<b>HYGIBS338</b>	1	Standard 	0.250"–0.338" (6–9)	HU1105
<b>HYGIBS400</b>	1		0.338"–0.400" (6–10)	HU1105
<b>HYGIBS462</b>	1		0.400"–0.462" (10–12)	HU1105
<b>HYGIBS550</b>	1		0.462"–0.500" (12–13)	HU1105
<b>HYGIBW338</b>	1	Wide 	0.250"–0.338" (6–9)	HU1105
<b>HYGIBW400</b>	1		0.338"–0.400" (9–10)	HU1105
<b>HYGIBW462</b>	1		0.400"–0.462" (10–12)	HU1105
<b>HYGIBW550</b>	1		0.462"–0.500" (12–13)	HU1105

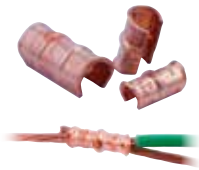
Note: Includes heavy duty lug mounting hardware: (2) 0.42" threaded studs, (2) flat washers, (2) lock washers, (2) hex nuts.  
Hole spacing for heavy duty HYGHA lugs.

## Heavy Duty Lugs

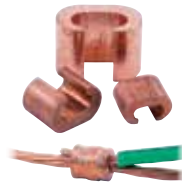
Catalog No.	Quantity	Conductor Size	Hole Size Inches (mm)	Spacing Inches (mm)	Die Index	Die
<b>HYGHA02</b>	1	2AWG	0.56" (14)	1.75" (44)	11	HU1CRT
<b>HYGHA25</b>	1	1/0AWG	0.56" (14)	1.75" (44)	14	HU27RT
<b>HYGHA26</b>	1	2/0AWG	0.56" (14)	1.75" (44)	15	HU28RT
<b>HYGHA27</b>	1	3/0AWG	0.56" (14)	1.75" (44)	16	HU29RT (2)

Note: Individually packaged, Penetrox™ filled, compatible with HYGIB I-beam connectors.

Penetrox™ is a trademark of Burndy Corporation.



Thin Wall C-Tap  
HYC4L12



Direct Burial C-Tap  
HYC4C6



H-Tap  
HYH6C6C



Clear Cover  
HYH6CWC



Black Cover  
HCFBGFR

## Thin Wall C-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	No. Ribs	Die Index	HW Series	HU Series
<b>HYC4L12</b>	25	6-6			1.18" (30)	Brown	1	10	HW2CVT(2)	HUC4
<b>HYC2L12</b>	25	4-4	2-6		1.18" (30)	Pink	1	12	HW25VT (2)	HUC2
<b>HYC1L12</b>	10	2-4	1-6		1.75" (44)	Black	2	13	HW26VT (2)	HUC1
<b>HYC25L12</b>	10	2-2	1-4	1/0-4	1.75" (44)	Orange	2	14	HW27VT(3)	HU25
<b>HYC26L12</b>	5	1-1	1/0-2	2/0-2	1.75" (44)	Purple	2	15	HW28VT(3)	HU26
<b>HYC27L12</b>	5	1/0-1/0	2/0-2	3/0-2	1.75" (44)	Yellow	2	16	HW29VT(3)	-

## Direct Burial C-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Die Index	HW Series	HU Series
<b>HYC4C6</b>	10	6-6	4-6		0.625" (16)	BG	HWBG (2)	HUBG (2)
<b>HYC4C4</b>	10	4-4	4-6		0.625" (16)	BG	HWBG (2)	HUBG (2)
<b>HYC2C4</b>	10	2-4	2-6		0.75" (44)	C	HWCC (2)	HUC (2)
<b>HYC2C2</b>	10	2-2			0.75" (44)	C	HWCC (2)	HUC (2)
<b>HYC26C2</b>	5	2/0-6	2/0-4	2/0-2	0.875" (22)	0	-	HU0
<b>HYC26C26</b>	5	2/0-2/0			0.875" (22)	0	-	HU0
<b>HYC28C2</b>	1	4/0-6	4/0-4	4/0-2	1.07" (27)	D3	-	HUD3
<b>HYC28C26</b>	1	4/0-2/0			1.07" (27)	D3	-	HUD3
<b>HYC28C28</b>	1	4/0-4/0			1.07" (27)	D3	-	HUD3

## H-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	Die Index	HW Series	HU Series
<b>HYH6C6C</b>	1	6-6			0.6" (15)	Orange	BG	HWBG	HUBG
<b>HYH2C2C</b>	1	2-2,4,6	4-4,6		0.75" (44)	Brown	C	HWCC	HUC
<b>HYH292C</b>	1	4/0-2,6	2/0-2,6	1/0-2,6	0.9" (23)	Purple	654	-	HU654
<b>HYH2929</b>	1	4/0-4/0,2	3/0-3/0,2	2/0-2/0,2	0.9" (23)	Purple	654	-	HU654
<b>HYH3429</b>	1	500-250,1/0	350-250,1/0	4/0-1/0	1.0" (25)	Brown	1104	-	HU1104
<b>HYH3434</b>	1	500-500,4/0	350-350,4/0		1.0" (25)	Brown	1104	-	HU1104
<b>HYH3931</b>	1	750-4/0,1/0	650-4/0,1/0	500-4/0,1/0	0.95 (24)	Yellow	K-R	-	HUKR
<b>HYH3939</b>	1	750-750,350	650-650,350	500-350	1.25 (32)	Yellow	K-R	-	HUKR

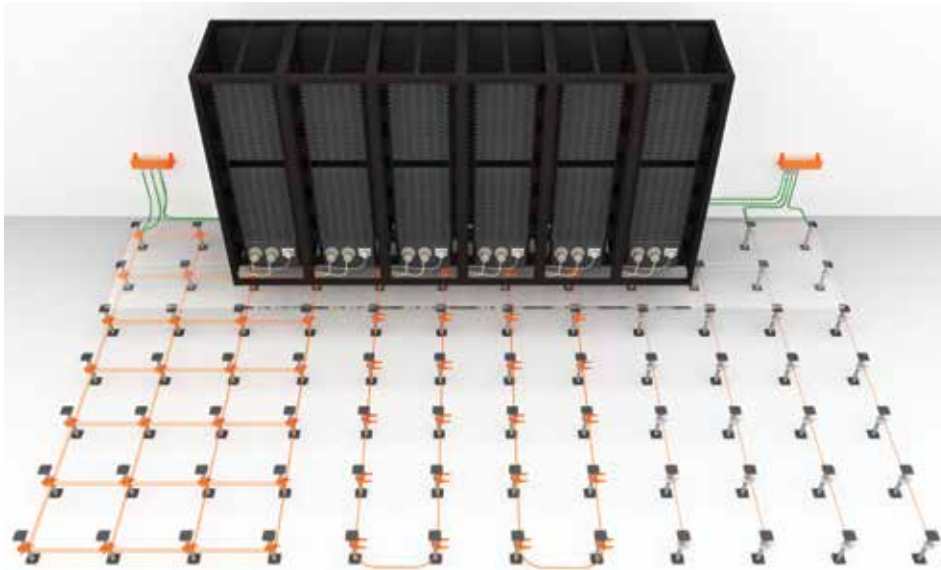
## H-Taps with Clear Cover

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	Die Index	HW Series	HU Series
<b>HYH6CWC</b>	1	6-6			0.6" (15)	Orange	BG	HWBG	HUBG
<b>HYH2CWC</b>	1	2-2,4,6	4-4,6		0.75" (44)	Brown	C	HWCC	HUC
<b>HYH29WC</b>	1	4/0-2,6	2/0-2,6	1/0-2,6	0.9" (23)	Purple	654	-	HU654
<b>HYH2929WC</b>	1	4/0-4/0,2	3/0-3/0,2	2/0-2/0,2	0.9" (23)	Purple	654	-	HU654

## H-Tap Covers

Clear Cover	Black Cover	Qty	H-Tap Size	Color Code
<b>HCCFBGFR</b>	<b>HCFBGFR</b>	1	HYH6Cxx	Orange
<b>HCCFOFR</b>	<b>HCFOFR</b>	1	HYH2Cxx	Brown
<b>HCCDFFR</b>	<b>HCFDFR</b>	1	HYH29xx	Purple
<b>HCCFN</b>	<b>HCFN</b>	1	HYH34xx	Brown
<b>HCCFR</b>	<b>HCFR</b>	1	HYH39xx	Yellow





Grid

Parallel (Serpentine)

Parallel (Direct)



Raised Floor Clamp  
HGBGXP1828RF



Raised Floor Clamp  
HGBGP1526G1



Raised Floor Clamp  
HGBGRF4C3



Pipe Clamp  
HGBGAR1726

### Raised Floor Pedestal Clamps

Catalog No.	Pedestal	Wire Range	Configuration	Hardware	Install Torque
<b>HGBGXP1828RF</b>	0.75"-1.5" square  0.75"-1.875" round	6 – 4/0AWG	Grid or parallel	Stainless Steel 1/2"	120in-lb conductor 180in-lb clamp
<b>HGBGP1526G1</b>	1.0"-1.25" round	4 – 2/0AWG	Parallel	Silicon Bronze 9/16"	240in-lb
<b>HGBGRF4C3</b>	0.75"-1.0" round or square	8 – 2AWG	Parallel	Silicon Bronze 9/16"	240in-lb

Note: Torque values may differ based on the Grounding and Bonding Standard selected.  
The Mesh Bonding Network shall have a support attached at a maximum of 3' (36") intervals.

### Pipe Clamps

Catalog No.	I.P.S. Pipe Diameter Inches	Height Inches	Width Inches	Conductor Range	U-Bolt Size Inches	Nut Size Inches
<b>HGBGAR1526</b>	1.0"	2 7/8"	2 5/8"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR1726</b>	1.5"	3 1/2"	3"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR1826</b>	2.0"	4"	3 1/4"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR1926</b>	2.5"	4 1/4"	3 3/4"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR2026</b>	3.0"	5"	4 1/4"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR2126</b>	3.5"	5 5/8"	4 3/4"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR2226</b>	4.0"	6 1/4"	5 3/8"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR2426</b>	5.0"	6 3/8"	5 7/8"	4AWG-2/0AWG	3/8"	9/16"
<b>HGBGAR8629</b>	6.0"	8 13/16"	8 3/8"	2AWG-250kcmil	1/2"	3/4"

Note: All pipe clamps secure the grounding conductor to the pipe in a parallel or perpendicular manner.



Terminal  
HGBKA6U



Terminal  
HGBKLU35



Split Bolt Connector  
HGBKS22



On-Rail Terminal  
HGBKARB

## Terminals

Catalog No.	Qty	Minimum	Maximum	Material	Mount Hole Diameter Inches	Recommended Torque in-lb
<b>HGBKA6U</b>	100	14AWG	6AWG	Aluminum	0.25"	45in-lb
<b>HGBBGBL4</b>	100	14AWG	4AWG	Aluminum	0.22"	35in-lb
<b>HGBKLU35</b>	100	14AWG	6AWG	Copper	0.19"	45in-lb
<b>HGBCL501</b>	100	14AWG	4AWG	Copper	0.22"	35in-lb

## On-Rail Terminal

Catalog No.	Qty	Minimum	Maximum	Material	Mount Hole Diameter Inches	Hole Spacing
<b>HGBKARB</b>	1	14AWG	2/0	Aluminum	0.31"	0.625"

## Split Bolt Connectors

Catalog No.	Qty	STR Min Run and Tap	STR Max Run and Tap	SOL Max Run and Tap	Material	Bolt Size Inches	Length Inches	Recommended Torque, in-lb
<b>HGBKS17</b>	50	8AWG	6AWG	6AWG	Copper	7/16"	1.14"	165in-lb
<b>HGBKS20</b>	50	8AWG	4AWG	4AWG	Copper	1/2"	1.20"	165in-lb
<b>HGBKS22</b>	50	6AWG	3AWG	2AWG	Copper	19/32"	1.50"	275in-lb
<b>HGBKS23</b>	25	6AWG	2AWG	1AWG	Copper	5/8"	1.54"	275in-lb
<b>HGBKS25</b>	25	4AWG	1/0AWG	2/0AWG	Copper	3/4"	1.77"	385in-lb
<b>HGBKS26</b>	10	2AWG	2/0AWG	3/0AWG	Copper	7/8"	1.94"	385in-lb
<b>HGBKS27</b>	10	1AWG	3/0AWG	4/0AWG	Copper	1 1/8"	1.86"	500in-lb
<b>HGBKS29</b>	5	1AWG	250Kcmil	4/0AWG	Copper	1 1/8"	2.07"	650in-lb

## Split Bolt Covers

Catalog No.	Qty	Size Minimum	Size Maximum	Color
<b>HGBSC4</b>	1	HGBKS17	HGBKS20	Black
<b>HGBSC2</b>	1	HGBKS22	HGBKS23	Black
<b>HGBSC20</b>	1	HGBKS25	HGBKS26	Black

## ShieldBond Connector

Catalog No.	Qty	Description
<b>BC285SB100</b>	100	ShieldBond connector kits for cable jackets. Each kit includes brass screw and nut, (2) retaining washers, (1) gripping. Install tool included.



6-Ton Power Tool  
HPAT600LI



9000lb Manual Tool  
HMD7



8000lb Manual Tool  
HOUR840



12-Ton Power Tool  
HPAT750LI

**Tools, HW- and HX-Dies**

Catalog No.	Description	
<b>HPAT600LI</b>	6-ton automatic compression tool, 18V lithium powered, carrying case, lanyard, (2) lithium batteries, (1) charging station	Uses HW series dies
<b>HMD7</b>	9000lb manual compression tool, built-in BG die, handle length 25"	
<b>HOUR840</b>	8000lb manual compression tool, hand ratcheting forward cycle until max capacity reset, metal carrying case with die holders	Uses HX series dies

**Tools, HU-Dies**

Catalog No.	Description	
<b>HPAT750LI</b>	12-ton automatic compression tool, 18V lithium powered, carrying case, lanyard, (2) lithium batteries, (1) charging station	Uses HU series dies
<b>HY750CHSXT</b>	12-ton manual hydraulic compression tool, carrying case, handle length 24"	



Manual Compression Tool  
HMRC840



Torque Wrench  
HBT30150

**Integrated Die Tool**

Catalog No.	Description
<b>HMRC840</b>	Manual compression tool, dies for 6AWG to 4/0AWG are integrated into the head, color coded dies unlock and can be rotated to lug barrel size; 26" leveraged handles

**Torque Wrenches**

Catalog No.	Description
<b>HBT30150</b>	30-150in-lb torque wrench, carrying case, certification calibration
<b>HBT150750</b>	150-750in-lb torque wrench, carrying case, certification calibration



HU Series Dies  
HU27RT



HW Series Dies  
HW5CRT



HX Series Dies  
HX5CRT



Integrated Die Tool  
HMRC840

### Lug Dies for Compression Lugs

Lug Size	HX Series	HW Series	HU Series
6	<b>HX5CRT</b>	<b>HW5CRT</b>	<b>HU5CRT</b>
4	<b>HX4CRT</b>	<b>HW4CRT</b>	<b>HU4CRT</b>
2	<b>HX2CRT</b>	<b>HW2CRT</b>	<b>HU2CRT</b>
1	<b>HX1 CRT</b>	<b>HW1 CRT</b>	<b>HU1 CRT</b>
1/0	<b>HX25RT</b>	<b>HW25RT</b>	<b>HU25RT</b>
2/0	<b>HX26RT</b>	<b>HW26RT</b>	<b>HU26RT</b>
3/0	<b>HX27RT</b>	<b>HW27RT</b>	<b>HU27RT</b>
4/0	-	<b>HW28VT</b>	<b>HU28RT</b>
250	-	<b>HW29VT</b>	<b>HU29RT</b>
300	-	<b>HW30VT</b>	<b>HU30RT</b>
350	-	<b>HW31VT</b>	<b>HU31RT</b>
400	-	<b>HW34VT</b>	<b>HU34RT</b>
500	-	-	<b>HU36RT</b>
750	-	-	<b>HU39RT</b>

### Tap Dies for Compression Taps

Die Index	HX Series	HW Series	HU Series
BG	<b>HXBG</b>	<b>HWBG</b>	<b>HUBG</b>
C	-	<b>HWCC</b>	<b>HUC</b>
0	-	<b>HWO</b>	<b>HU0</b>
10	-	<b>HW2CVT</b>	<b>HUC4</b>
12	-	<b>HW25VT</b>	<b>HUC2</b>
13	-	<b>HW26VT</b>	<b>HUC1</b>
14	-	<b>HW27VT</b>	<b>HUC25</b>
15	-	<b>HW28VT</b>	<b>HUC26</b>
16	-	<b>HW29VT</b>	-
1105	-	-	<b>HU1105</b>
1104	-	-	<b>HU1104</b>
654	-	-	<b>HU654</b>
997	-	-	<b>HU997</b>



HWDIETREE



HWDIECASE

### Die Tree

Catalog No.	For Use With	Holds
<b>HWDIETREE</b>	HW and HX dies*	6 sets

\*Dies not included

### Die Cases

Catalog No.	For Use With	Holds
<b>HWDIECASE</b>	HW and HX dies*	12 sets
<b>HUDIECASE</b>	HU dies*	15 sets

\*Dies not included



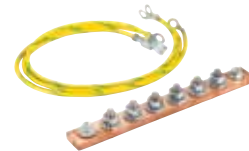
ESD Port Kit  
HGBESDKT10



Metal Bracelet  
HGBESDBM



Braided Jumper  
HGBBD12



Wall Mount Ground Kit  
REKGB

METAL | GROUNDING AND BONDING

**Installation Accessories**

Catalog No.	Qty	Description
<b>HGBESDKT10</b>	10	ESD port for 4mm banana plug; 0.5oz Penetrox™; ESD Label; (2) #12-24 TFS; (2) M6 stainless TFS
<b>HGB25CNWH</b>	50	1/4" belleville washer
<b>HGB38CNWH</b>	50	3/8" belleville washer
<b>HGB1224ST</b>	50	#12-24 x 3/4" stainless steel screws
<b>HGBM6ST</b>	50	M6 x 16mm stainless steel screws
<b>HGBESDLBL</b>	25	ESD label
<b>HGBGNDLBL</b>	25	Ground label
<b>HGRKTLBL</b>	25	Ground wire label

Catalog No.	Qty	Description
<b>HGBESDBC</b>	1	ESD cloth bracelet; 6ft cord; 4mm banana plug
<b>HGBESDBM</b>	1	ESD metal bracelet; 6ft cord; 4mm banana plug
<b>HGB025DBS</b>	1	3/16" drill bit for steel material and 1/4" thread forming screw
<b>HGBCWB2</b>	1	Wire brush for power drill
<b>HGB24AP</b>	6	2" x 4" abrasive pad
<b>HGBP8A</b>	1	8oz bottle Penetrox™
<b>HPNEA0550</b>	50	0.5oz tube Penetrox™
<b>HGB25PPW</b>	50	Serrated paint piercing washer

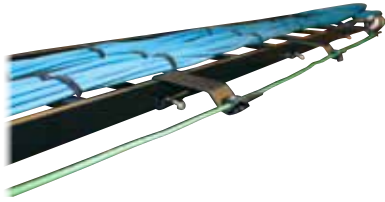
**Braided Jumper**

Catalog No.	Qty	Length Inches (mm)	Width Inches (mm)	Hole Size Inches	Hole Spacing Inches (mm)
<b>HGBBD6S10</b>	10	6" (152)	0.5" (13)	1/4"	-
<b>HGBBD9S10</b>	10	9" (229)	0.5" (13)	1/4"	-
<b>HGBBD8</b>	1	8" (203)	0.94" (24)	3/8"	1.0" (25)
<b>HGBBD12</b>	1	12" (305)	0.94" (24)	3/8"	1.25" (32)
<b>HGBBD18</b>	1	18" (457)	0.94" (24)	3/8"	1.25" (32)
<b>HGBBD24</b>	1	24" (610)	0.94" (24)	3/8"	1.25" (32)

**QUADCAB® Wall Mount Cabinet Ground Kit**

Catalog No.	Description
<b>REKGB</b>	Ground bar with (6) 1/4"-20 male studs; (2) 1/4"-20 carriage bolts and isolating hardware; (2) ground straps; (6) 1/4"-20 nuts with star washers

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Conductor Bracket  
HGBTEBCBRKL10



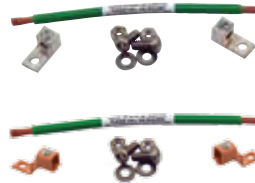
Halo Bracket  
HGBSETH

## Installation Accessories

Catalog No.	Qty	Description
<b>HGBTEBCBRKL10</b>	10	TEBC bracket for ladder rack, aluminum painted black
<b>HGBTEBCBRKW10</b>	10	TEBC bracket for wire tray, aluminum painted black
<b>HGBTEBCBRKR</b>	1	TEBC bracket for extruded aluminum tray with standoff insulators, made of stainless steel, (4) cable holders
<b>HGBVRBKT</b>	2	Off rail bracket for vertical RGB

## Insulated Halo Bracket

Catalog No.	Qty	Description
<b>HGBSETH</b>	1	Stainless steel bracket, insulator, UV Rated cable holding clips for 0.25", 0.31", 0.38", 0.50", 0.56", 0.75" and 0.88" cables



Ladder Tray Kits  
HGRKTKA9KA5  
HGRKTKLU9KLU5



Wire Basket Kits  
HGRKTWC45  
HGRKTWB5

## Ladder Tray Bonding Jumper Kits

Catalog No.	Connector	Description
<b>HGRKTKA9KA5</b>	Parallel Aluminum	Includes: (10) connectors; (5) 6AWG conductors 9"; (10) hardware for securing; labels for each conductor
<b>HGRKTKLU9KLU5</b>	Standoff Copper	

## Basket Tray Bonding Jumper Kits

Catalog No.	Connector	Description
<b>HGRKTWC45</b>	C-Tap (Requires BG die)	Includes: (10) connectors; (5) 6AWG conductors 9"; labels for each conductor
<b>HGRKTWB5</b>	Split Bolt	