

HongHu Electrical

Where Trust is Built In
信任，在此构筑



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Small Parts Big Integrity

■ 创于2017年 · 专注五金电气配件行业



CZHONGHU / Pioneering Excellence in Electrical & Mechanical Support Systems



Established in 2017, Cangzhou Honghu Electrical Manufacturing Co., Ltd. is a leading manufacturer and global supplier of high-quality electrical and mechanical support products. We provide critical infrastructure solutions that ensure safety, reliability, and efficiency across various industries worldwide. Our core values include precision manufacturing, strict quality control, and dedicated customer service.

Equipped with advanced machinery such as CNC laser cutters, punching centers, precision stamping presses, tube benders, and cutting machines, we deliver products with exceptional accuracy, maintaining tolerances within ± 0.1 mm even for complex and high-volume orders.

We offer comprehensive in-house surface finishing services tailored to diverse application needs, including:

Pre-treatment: Shot Blasting & Sandblasting

Plating: Electro-Galvanizing & Zinc Plating

Conversion Coating: Phosphating & Anodizing

Final Coatings: Powder Coating & Spray Painting

Our engineering team supports custom manufacturing from concept to completion. Whether working from CAD drawings or physical samples, we ensure the final product meets your exact specifications for performance, aesthetics, and durability.

Vision & Mission

Our vision is to be the preferred partner for professionals requiring excellence in structural and electrical support systems. We continuously innovate, expand globally, and deliver outstanding value to help our clients build with confidence.

Core Products

We supply a wide range of products tailored to commercial construction, industrial automation, telecommunications, and energy sectors, including:

Structural Framing: Steel Strut and structural profiles for heavy-load support

Wire & Cable Management: Cable Trays, Plastic-Coated Flexible Conduit,
EMT Fittings, and Metal Cable Ties

Enclosure & Connection Systems: Electrical Boxes and enclosures

Specialized Hardware: Pipe Clamps, brackets, and fasteners

Why Choose Us?

Quality Assured: All products are rigorously tested to meet international standards

Engineering Expertise: We develop solutions that simplify complex challenges

Global Reach, Local Support: Worldwide shipping with responsive, personalized service

Customer-Driven Innovation: We collaborate closely to anticipate trends and develop future-ready products

Contact Us

Experience the Cangzhou Honghu difference. Reach out to discuss how we can support your next project with reliable, high-performance solutions.

沧州鸿鹤电气制造有限公司
CANGZHOU HONGHU ELECTRICAL MANUFACTURING CO., LTD.

CZHONGHU



Applications:

CZHONGHU Strut Channel used in Electrical Systems Support, Mechanical Systems(HVAC & Plumbing), Telecommunications & Data Infrastructure, Solar Panel Installation, Construction and Industrial Framing, Architectural and Interior Applications

Size W X H

1-5/8"x1"	41mm X 25mm	1-5/8"x2-7/16"	41mmX62mm
1-5/8" X 1-5/8"	41mm X 41mm	1-5/8"x3-1/4"	41mmX82mm
1-5/8" X 13/16"	41mm X 21mm		

Standard finishes

Pre-Galvanized, Hot-Dipped Galvanized, Stainless Steel
Type 304 or 316, Aluminum

Hole size

Hole Spacing Center to Center 2"/50. 8mm
Hole diameter 14mmX28mm. Or as customer request

Thickness

18GA 17GA 16GA 15GA 14GA 13GA 12GA
(1.2mm 1.3mm 1.5mm 1.8mm 2.0mm 2.3mm 2.5mm)

Standard lengths

10'(3.05 m) & 20'(6.09 m)

Trademark

Stamped logo as customer request

Packing

50pc/bundle, or Per Customer Request



Applications:

Used as an unthreaded steel raceway for protection and routing of electrical wiring

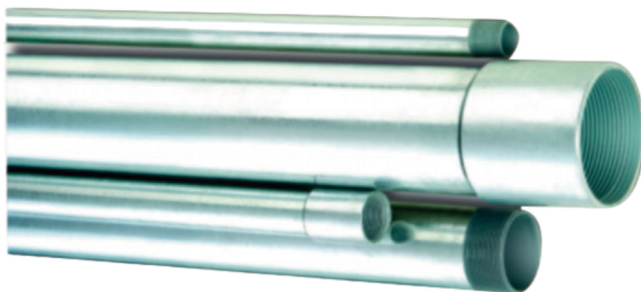
Standard Finishes

Pre-Galvanized, Hot-Dipped Galvanized

Standards Compliance

UL797, ANSI C80.3

Trade Size	Metric Designator	Outside Diameter		Thickness A		Thickness B		Length		QTY Bundle
		Inch	mm	Inch	mm	Inch	mm	Feet	Meter	
1/2"	16	0.706	17.93	0.042	1.07	0.033	0.85	10	3.05	20
3/4"	21	0.922	23.42	0.049	1.24	0.039	1	10	3.05	15
1"	27	1.163	29.54	0.057	1.45	0.043	1.1	10	3.05	10
1-1/4"	35	1.51	38.35	0.065	1.65	0.051	1.3	10	3.05	5
1-1/2"	41	1.74	44.2	0.065	1.65	0.051	1.3	10	3.05	5
2	53	2.197	55.8	0.065	1.65	0.055	1.4	10	3.05	5
2-1/2"	63	2.875	73.03	0.072	1.83	*	*	10	3.05	3
3"	78	3.5	88.9	0.072	1.83	*	*	10	3.05	3
4"	103	4.5	114.3	0.083	2.11	*	*	10	3.05	1



Applications:

CZHONGHU IMC is a threaded galvanized steel raceway designed to protect and route electrical wiring. Used in Commercial and Industrial Buildings, Exposed Installations Requiring Mechanical Protection, Outdoor and Corrosive Environments, Structural Support and Framing, Agricultural and Farm Facilities

Standard Finishes

Pre-Galvanized, Hot-Dipped Galvanized

Trade Size	Metric Designator	Threads Per inch	Outside Diameter		Thickness		Length		QTY Bundle
			Inch	mm	Inch	mm	Feet	Meter	
1/2"	16	14	0.815	20.7	0.07	1.79	10	3.05	10
3/4"	21	14	1.028	26.1	0.075	1.9	10	3.05	10
1"	27	11.5	1.291	32.8	0.085	2.16	10	3.05	5
1-1/4"	35	11.5	1.638	41.6	0.085	2.16	10	3.05	3
1-1/2"	41	11.5	1.882	47.8	0.09	2.29	10	3.05	3
2"	53	11.5	2.358	59.9	0.095	2.41	10	3.05	2
2-1/2"	63	8	2.858	72.6	0.14	3.56	10	3.05	2
3"	78	8	3.476	88.3	0.14	3.56	10	3.05	1
4"	103	8	4.465	113.4	0.14	3.56	10	3.05	1



Applications:

CZHONGHU BS4568 Conduit used as raceway systems for electrical wiring in residential, commercial and industrial area

Available in both Class 3 (indoor use) and Class 4 (indoor & outdoor use); Both ends are threaded, one end is supplied with one steel coupling and the other end with thread protector

Standard Finishes

Pre-Galvanized, Hot-Dipped Galvanized

Rigid Steel Conduit-Bs 4568 Class 3 / Class 4						
Trade Size(mm)	Outside Diameter		Thickness	Length	Thread Length	
	Min	Max			Min	Max
Heavy gauge						
16	15. 7mm	16. 0mm	1. 6 ± 0. 15 mm	3. 75 m	11. 5mm	13. 5mm
20	19. 7mm	20. 0mm	1. 6 ± 0. 15 mm	3. 75 m	13. 0mm	15. 0mm
25	24. 6mm	25. 0mm	1. 6 ± 0. 15 mm	3. 75 m	16. 0mm	18. 0mm
32	31. 6mm	32. 0mm	1. 6 ± 0. 15 mm	3. 75 m	18. 0mm	20. 0mm
40	39. 6mm	40. 0mm	1. 8 ± 0. 15 mm	3. 75 m	20. 0mm	23. 0mm
50	49. 6mm	50. 0mm	1. 8 ± 0. 15 mm	3. 75 m	24. 0mm	28. 0mm
Medium Gauge						
16	15. 7mm	16. 0mm	1. 2 ± 0. 15 mm	3. 75 m	11. 5mm	13. 5mm
20	19. 7mm	20. 0mm	1. 2 ± 0. 15 mm	3. 75 m	13. 0mm	15. 0mm
25	24. 6mm	25. 0mm	1. 2 ± 0. 15 mm	3. 75 m	16. 0mm	18. 0mm
32	31. 6mm	32. 0mm	1. 2 ± 0. 15 mm	3. 75 m	18. 0mm	20. 0mm



Applications:

The galvanized steel conduit elbow is used to connect the Intermediate Metal Conduit, changing the direction of a conduit run. EMT conduit elbow features a large radius to help with easier wirepulling.

Finish:

Pegalvanised steel

Trade Size	OD	Thickness	Bending angle	Standard	Peck Qty	Certon Size
in.	mm	mm				
1/2"	17.93	1.07	90°/45°	ANSI C80.1	150	49*25*16
3/4"	23.42	1.24	90°/45°	ANSI C80.1	100	48*25*21
1"	29.54	1.45	90°/45°	ANSI C80.1	50	49*25*16
1 1/4"	38.35	1.65	90°/45°	ANSI C80.1	35	39*34*23
1 1/2"	44.20	1.65	90°/45°	ANSI C80.1	25	39*34*23
2"	55.80	1.65	90°/45°	ANSI C80.1	15	44*36*17
2 1/2"	73.03	1.83	90°/45°	ANSI C80.1	10	62*48*15
3"	88.90	1.83	90°/45°	ANSI C80.1	6	55*55*18
4"	114.30	2.11	90°/45°	ANSI C80.1	2	112*58*14

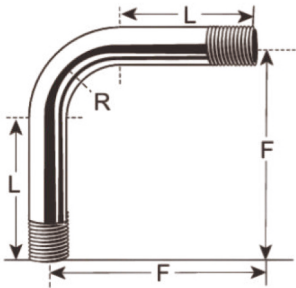


Applications:

The galvanized steel conduit elbow is used to connect the Intermediate Metal Conduit, changing the direction of a conduit run. IMC conduit elbow features a large radius to help with easier wire pulling

Finish:

Galvanized



Trade Size		R	L	(F) ²	Peck Qty	Certon Size
in.	mm	mm	mm	mm		
1/2"	16	102	38. 10	149	100	36*16*21
3/4"	20	114	38. 10	178	100	36*16*21
1"	25	146	47. 63	222	100	41*20*26
1 1/4"	32	184	50. 8	273	30	35*27*17
1 1/2"	40	210	50. 8	311	20	36*33*16
2"	50	241	50. 8	368	15	44*36*17
2 1/2"	63	267	76. 20	432	10	62*48*15
3"	75	330	79. 38	498	6	55*55*18
3 1/2"	90	381	82. 55	578	4	71*43. 5*20
4"	110	406	85. 73	606	2	112*58*14



Applications:

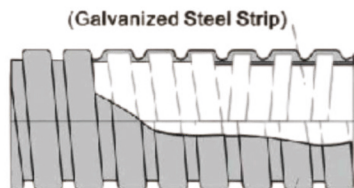
CZHONGHU PVC coated flexible metal conduit are widely used in various engineering, ship, electronics, machinery, mineral industries for cable protection.

Material

Galvanised steel/SST+PVC

Colour:

Black/Grey



Trade Size		m/roll	Bending Radius	Pack size
in.	mm			
3/8"	12.5	100	65	51*51*16
1/2"	10	100	85	56*56*20
3/4"	21	100	100	60*60*27
1"	26.5	100	120	69*69*30
1-1/4"	35	50	165	80*80*20
1-1/2"	40	50	180	81*81*25
2	50.5	50	190	95*95*35
2-1/2"	62	20	280	83*83*35
3"	75	20	320	83*83*35
4"	97	15	380	98*98*46



- CZhonghu one hole conduit Clamp has an inverted rib providing more strength at the bend of the clip Snap-on
- feature leaves both hands free to work.

Applications:

Used to mount conduit systems flat against walls and other surfaces to provide extra support

Finish:

Blue Zinc Plated- 3-5 μ / Stainless Steel

Specification:

SAE J-429

Trade Size	Metric	Wall	Width	Hole	Inside	Quantity	Weight(kgs)
Inch	Designator	Thickness	mm	Diameter	Radius	Per Carton	Per Carton
1/2"	16	1.20mm	16.00mm $\pm$ 0.20	6.00mm $\pm$ 0.15	8.90mm	1500	10.71 $\pm$ 2.00
3/4"	21	1.20mm	16.30mm $\pm$ 0.20	6.00mm $\pm$ 0.15	11.68mm	1200	13.32 $\pm$ 2.00
1"	27	1.50mm	18.50mm $\pm$ 0.20	6.00mm $\pm$ 0.15	14.73mm	600	14.40 $\pm$ 2.00
1-1/4"	35	1.50mm	22.20mm $\pm$ 0.20	9.50mm $\pm$ 0.15	19.05mm	300	15.39 $\pm$ 2.00
1-1/2"	41	1.80mm	22.20mm $\pm$ 0.20	9.50mm $\pm$ 0.15	22.10mm	300	9.60 $\pm$ 2.00
2"	53	1.80mm	22.20mm $\pm$ 0.20	9.50mm $\pm$ 0.15	27.94mm	200	8.40 $\pm$ 2.00
2-1/2"	63	2.00mm	29.00mm $\pm$ 1.00	10.00mm $\pm$ 0.15	35.58mm	150	12.00 $\pm$ 2.00
3"	78	2.00mm	29.00mm $\pm$ 1.00	10.00mm $\pm$ 0.15	43.80mm	80	10.28 $\pm$ 2.00
3-1/2"	91	2.00mm	29.00mm $\pm$ 1.00	10.00mm $\pm$ 0.15	49.50mm	80	11.60 $\pm$ 2.00
4"	103	2.00mm	29.00mm $\pm$ 1.00	10.00mm $\pm$ 0.15	56.60mm	60	10.20 $\pm$ 2.00



- CZhonghu Two-hole design helps provide a more secure fit if needed.

Applications:

Used to mount conduit systems flat against walls and other surfaces to provide extra support

Finish:

Blue Zinc Plated- 3-5 μ / Stainless Steel

Specification:

SAE J-429

Size	Thickness	Pack Qty	Carton Size
3/8	0.90	600	28*21*14
1/2	0.90	600	28*21*14
3/4	0.90	700	34*34*20
1"	1.20	500	34*34*20
1 1/4	1.20	300	34*34*20
1 1/2	1.20	200	34*34*20
2"	1.20	150	34*34*20
2 1/2	1.90	100	34*34*20
3"	1.90	70	34*34*20
4"	1.90	120	35*32*42
6"	1.90	70	35*32*42
8"	1.90	50	35*32*42



Applications:

Used in electrical, plumbing, and gas piping in buildings and industrial plants. Its function is to secure conduit pipes to rails.

Finish:

Blue Zinc Plated- 3-5 μ / Stainless Steel

Specification:

SAE J-429

Size	Outside diameter	Total length	Hole Diameter	Thickness	Pack Qty	Carton Size
1/2	32 mm	52 mm	1/4	1.20	300	28*22*15
3/4	32 mm	60 mm	1/4	1.50	250	28*22*15
1"	32 mm	68 mm	1/4	1.50	200	28*22*15
1 1/4	32 mm	75 mm	1/4	1.90	100	28*22*15
1 1/2	32 mm	84 mm	1/4	1.90	100	28*22*15
2"	32 mm	97 mm	1/4	1.90	80	28*22*15
2 1/2	32 mm	123 mm	1/4	1.90	60	28*22*15
3"	32 mm	140 mm	1/4	1.90	50	28*22*15
4"	32 mm	162 mm	1/4	1.90	40	28*22*15
6"	32 mm	215 mm	1/4	1.90	30	28*22*15
8"	32 mm	/	1/4	1.90	/	/
10"	32 mm	/	1/4	1.90	/	/
12"	32 mm	/	1/4	1.90	/	/



Applications:

CZHONGHU Set Screw Connector used in electrical conduit systems, set screws secure conduit pipes to fittings maintaining the integrity of the electrical pathway

Finish:

Electrical plating

Size	Thickness	carton
1/2"	1. 4mm	500
3/4"	1. 4mm	250
1"	1. 5mm	150
1-1/4"	1. 8mm	25
1-1/2"	1. 8mm	25
2"	1. 8mm	16
2-1/2"	2. 75mm	25
3"	2. 75mm	25
4"	2. 75mm	16



Applications:

CZHONGHU Set Screw Coupling used in dry locations to couple two ends of EMT conduit

Finish:

Electrical plating

Size	Thi ckness	carton
1/2"	1. 4mm	500
3/4"	1. 4mm	250
1"	1. 5mm	150
1 1/4"	1. 8mm	25
1 1/2"	1. 8mm	25
2"	1. 8mm	16
2 1/2"	2. 75mm	25
3"	2. 75mm	25
4"	2. 75mm	16



Applications:

CZHONGHU Set Screw Coupling used in dry locations to couple two ends of EMT conduit

Finish:

Electrical plating

Size	Standard	Type
20mm	IEC 61386	Set-Screw Type
25mm	IEC 61386	Set-Screw Type
32mm	IEC 61386	Set-Screw Type
40mm	IEC 61386	Set-Screw Type
50mm	IEC 61386	Set-Screw Type
63mm	IEC 61386	Set-Screw Type



Applications:

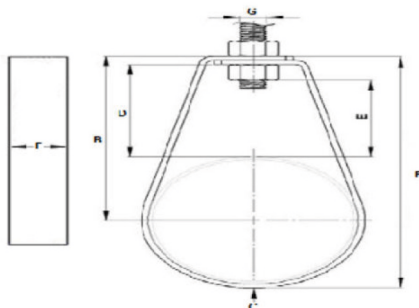
CZHONGHU Ring Hanger For suspension of non insulated, stationary piping services.

Finish:

Blue Zinc Plated- 3-5 μ / Stainless Steel

Specification:

SAE J-429

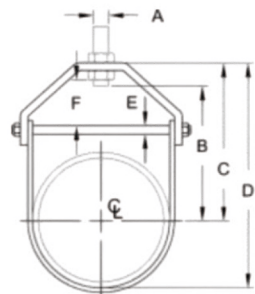


Size	Outside diameter	Total length	Hole Diameter	Thickness
1/2	3/4	63 mm	3/8	1.00
3/4	3/4	65 mm	3/8	1.00
1"	3/4	69 mm	3/8	1.20
1 1/4	3/4	80 mm	3/8	1.20
1 1/2	3/4	86 mm	3/8	1.20
2"	7/8	102 mm	3/8	1.20
2 1/2	7/8	122 mm	3/8	1.50
3"	7/8	141 mm	3/8	1.50
4"	7/8	176 mm	1/2	1.50
6"	7/8	247 mm	1/2	1.90
8"	7/8	327 mm	1/2	1.90



Applications:

CZHONGHU Clevis hangers are the standard choice for suspending all types of pipes, including HVAC, Fire Protection, Plumbing, Industrial Process, Electrical Conduit & Cable Tray Support, Equipment Suspension, Seismic Restraint Systems.



Finish:

Plating/Pre-galvanized steel

IRON PIPE SIZE	SPECIFICATION DATAE					REC. MAX LOAD (LBS)	APP'X WT. PER 100(LBS)	PC'S PER PKG.
	A	B	C	D	E			
1/2	3/8	1 1/8	1 3/4	2 1/8	1/4	1/2	250	12
3/4	3/8	1 9/16	1 13/16	2 5/16	1/4	1/2	250	12
1	3/8	1 3/4	2 1/8	2 3/4	1/4	3/4	250	12
1 1/4	3/8	2 1/32	2 1/2	3 1/4	1/4	15/16	250	18
1 1/2	3/8	2 1/4	2 13/16	3 13/16	1/4	1 1/8	250	24
2	3/8	2 11/16	3 5/16	4 1/2	1/4	1 1/4	250	26
2 1/2	1/2	3 7/16	4 1/2	5 5/16	1/4	2 1/16	350	58
3	1/2	3 7/8	4 13/16	6 9/16	5/16	1 7/8	350	66
3 1/2	1/2	4 5/8	5 15/16	7 7/8	5/16	2 5/8	350	82
4	1/2	4 7/8	6 1/16	8 5/16	3/8	2 3/8	400	94



Name	4"X 2" Steel Handy/Utility Box		
Hole size	1/2"& 1/2"	1/2"& 3/4"	3/4"& 3/4"
Thickness	0. 7-1. 6mm		
Deep	1-1/2" , 1-7/8", 2-1/8"		
Material	Galvanized Steel		



Name	Square Steel Electrical Box (4"X4" & 5"X5")		
Hole size	1/2", 3/4", 1", 1-1/4"		
Thickness	1. 0-1. 6mm		
Deep	1-1/2", 1-7/8", 2-1/8"		
Material	Galvanized Steel		



Name	Octagonal Steel Box		
Hole size	1/2", 3/4", blank		
Thickness	1. 0-1. 6mm		
Deep	1-1/2", 1-7/8", 2-1/8"		
Material	Galvanized Steel		



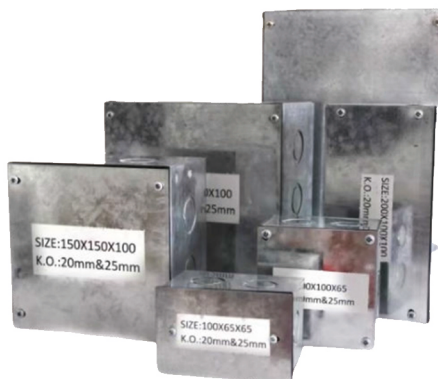
Applications:

CZHONGHU steel box is to safely house, protect, and provide access to electrical connections, devices, and components. Made from robust,galvanized steel, they offer superior mechanical strength, durability, and fire resistance.

Finish:

Gavanised steel / Hot dipped

Drawing	Trade Size	Thickness	Pack Qty	Carton Size
10x10x5 / 10x10x10 10" 10" 5" 5" 10" 10" 3 holes 2 holes	10*10*5 K.O.:1/2"	0.6mm-1.2mm	50	53*22*29
	10*10*5 K.O.:3/4"	0.6mm-1.2mm	50	53*22*29
	10*10*5 K.O.:None	0.6mm-1.2mm	50	53*22*29
15x15x10 / 20x20x10 / 25x25x10 15" 15" 10" 10" 15" 15" 3 holes	15*15x7 K.O.:3/4"&1-1/4"	0.6mm-1.2mm	20	39*32*32
	15*15x7 K.O.:None	0.6mm-1.2mm	20	39*32*32
	15*15*10 K.O.:3/4"&1-1/4"	0.6mm-1.2mm	20	54*32*32
	15*15*10 K.O.:None	0.6mm-1.2mm	20	54*32*32
	20*20*10 K.O.:3/4"&1-1/4"	0.6mm-1.2mm	10	54*42*22
	20*20*10 K.O.:None	0.6mm-1.2mm	10	54*42*22
	25*25*10 K.O.:3/4"&1-1/4"	0.6mm-1.2mm	5	54*27*27
	25*25*10 K.O.:None	0.6mm-1.2mm	5	54*27*27
30 x 30 x 10 30" 30" 10" 10" 30" 30" 6 holes	30*30*10 K.O.:3/4"&1-1/4	0.6mm-1.2mm	5	54*32*32
	30*30*10 K.O.:None	0.6mm-1.2mm	5	54*32*32



Applications:

CZHONGHU steel box is to safely house, protect, and provide access to electrical connections, devices, and components. Made from robust,galvanized steel, they offer superior mechanical strength, durability, and fire resistance.

Finish:

Gavanised steel / Hot dipped

Size	Thickness	Weight KG	pack qty	carton size
100*65*65	T=1.0	0.32	60	36*33*30
100*100*65	T=1.0	0.32	50	35*22*38
150*150*100	T=1.0	1	18	48*33*33
200*100*100	T=1.0	0.95	24	42*42*33
200*200*100	T=1.0	1.46	12	42*42*33
300*200*100	T=1.0	2.3	12	62*42*23
300*200*150	T=1.2	3.13	8	62*42*23
400*300*150	T=1.2	4.9	4	62*42*23



Material

Pre-galvanised steel/ SST / PVC Coated

Width Options

12mm, 17mm, 25mm

Thickness Options

0.5mm-1.0mm(GI/SST), 1.0-2.0mm(PVC coated)

Type Options

Straight Edge

Curved Edge

Packing

10m/roll,20rolls/Carton

Reference Drawing

