

شركة مجموعة نبراس المعادن المحدودة
NIPRAS METAL GROUP COMPANY Ltd.



PIPE CLAMP, HANGER
CATALOG





شركة نبراس المعدن للصناعة NIPRAS METAL INDUSTRY Co.

Introduction

NIPRAS METAL GROUP (NMG)

- Established in the year 2010 with high quality Manufacturing & Trading expertise with 3 companies under the umbrella -

1. NIPRAS METAL INDUSTRY COMPANY (NMIC)
2. NIPRAS METAL TRADING COMPANY (NMTC)
3. NIPRAS METAL CONTRACTING Est. (NMCE)

We are a Saudi based company with our team in major cities across the kingdom with our headquarters in RIYADH providing the best & professional solutions in construction & architectural industry. Intuitive creativity, precise technical assistance and reputed interest in our client marked us as one of the leading Industries throughout the KINGDOM and other GCC countries.

We have a plan to build the successful businesses for today's economy. We aim at manufacturing our products to not only have a beautiful appearance, but also that the customers perceive something of great intrinsic value when they touch it. We constantly strive to create future products that will stimulate the customer's senses to bring about joy and excitement each time the product is used.

Our success will be validated when the end users use the product and "their heart leaps for joy" and "they are deeply moved". We will create a future without limits through valued manufacturing. We will be responsible for planning, development, and manufacturing and be considered as the only manufacturer of its kind. We have earned great respect as a manufacturer and trader by serving the best to our valued customers.

1. Accountability

We accept responsibility for our work products and services. Upholding the highest standards evaluating for measuring our results against stated performance for our work with relevance, credibility and timelessness.

2. Teamwork

Our success depends on working together and fostering an inclusive and mutually supportive environment.

Our work-friendly for environment encourages collaboration, innovation, flexibility and figure the integration of resources.



Our Strength Factors

3. Communication

We clarify expectations up front and communicate openly, honestly and accurately. We look for ways to improve our ways and for our work products by seeking giving and use both praise and constructive feedback.

4. Respect

We promote diversity and equal opportunity throughout other organizations. We value and respect the views of our clients.



ENVIRONMENT



NIPRAS understands the nature of the relationship between corporate adoption of the concept of societal responsibility [availability of environmental awareness, clear vision of the impact of social responsibility on financial performance, managers informing employees of the latest developments in societal responsibility programs, managers' response to their corporate social responsibility (CSR) proposals] in the form of an annual report that supports the success of the company's objectives, the company's management encourages employees to participate collectively in societal responsibility programs and to protect the environment from pollution in the industry.



CUSTOMERS



CIVIL SOCIETY



ENVIRONMENT



EMPLOYEES

HEALTH & SAFETY



"NIPRAS" as a manufacturing Company for Metal & Steel Products has a large number of hazards because of the strong internal as well as external forward and backward linkages in terms of material flows. Employees are to work in hazardous environment because of complicated equipment layouts, high temperatures, heavy equipment's, moving machinery, hazardous processes, heavy lifting and movements of materials in the work environment ETC. Further, several operations involve working at heights or in confined spaces. In short, working involves both very high volume as well as the complexity of operations which results into employees getting exposed to a high level of health and safety risks. The health, safety, and protection of our employees, equipment, and the environment are perfectly calculated and implied as a crucial since it affects both economic and social factors.. On the other hand, a healthy and safe workplace contributes towards plants competitiveness as well as in profit growth.



HEALTH



SAFETY

PIPE CLAMP, HANGERS, FIXING & LIFTING

Pipe Clamps and Hangers from Nipras Metal Trading used in the support of pipes and equipment are manufactured according to the highest standards of fabrication. Each pipe support needs to have the strength and flexibility to ensure the safety. Nipras Metal Trading (NMTE) offer different services there always specified to meet each customers special needs. NMTE have all type of pipe support and hanging system materials.



Pipe Clamp With Rubber



Long Nut Pipe Clamp



Clevis Pipe Hanger



Adjustable Band Hanger



Channel Clamp



U Clamp



Pipe Clamp Snap



Beam Clamp



Conduit Clamp Omega



Anchor J Bolt



Threaded Rods



Steel U-Bolt

APPLICABLE STANDARDS

- BS 3974 Specifications for pipe hangers and support
- ASTM F 708 (standard practice for design and installation of rigid pipe hangers)
- Federal Specifications WW-H-171 E (Hanger and Support) A-A-1192 A (Bracket, Pipe)
- Manufacturers Standardization Society (MSS) ANSI/MSS SP-58 Pipe Hangers and Supports
- Materials, Design, Manufacture, Selection, Application, and Installation MSS SP-69 Pipe Hangers and Support-Selection and Application
- MSS SP-77 Guidelines for Pipe Support Contractual Relationships
- MSS SP-89 Pipe Hangers and Support-Fabrication and Installation Practices
- MSS SP-90 Guidelines for Terminology for Pipe Hangers and Support
- MSS SP-127 Bracing for Piping Systems Seismic - Wind - Dynamic Design, Selection, Application

Pipe hangers offered in this section are designed to support pipes allowing for vertical adjustment and limited movement in the piping system.

- Material: Carbon Steels are used in the manufacturing of pipe hangers
- Load Data: The load data published includes a safety factor of 4.0 unless noted (safety factor = ratio of ultimate load to the design load)

PIPE CLAMP WITH LONG NUT (WITHOUT RUBBER GASKET)

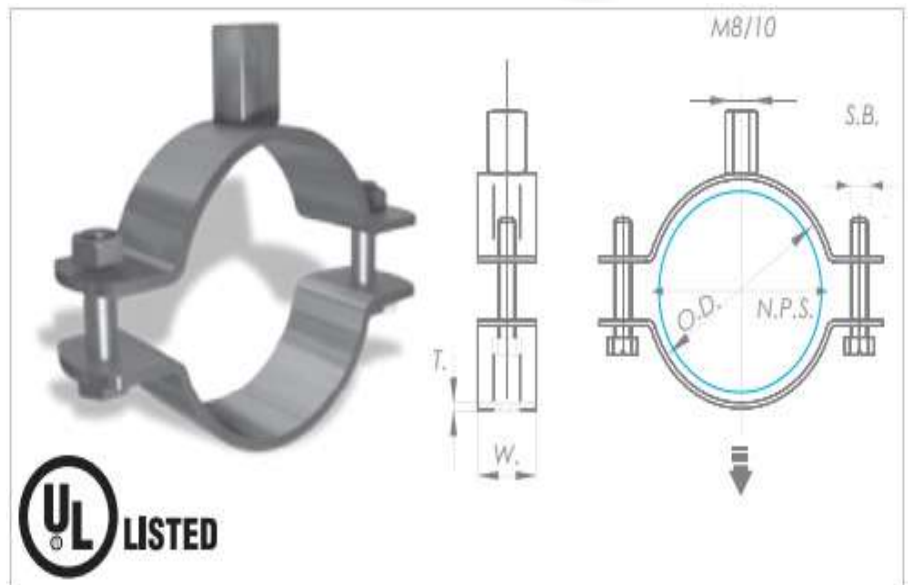
MATERIAL: Steel S235

SERVICE: Multifunction screw with hexagonal combination head (slot & crosshead), c/ w retaining washer

FINISH: Electro Zinc Plated Split Pipe Clamp with Long Nut M8/ M10 without rubber gasket

APPLICATIONS:

- Fresh water distribution pipes
- Waste water distribution pipes
- Gas distribution pipes
- Heating pipes
- Industrial pipe fitting
- Mechanical installation
- Process and control lines



Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Side Bolt (S.B.)	Thickness (T) & Width (W)	Load Capacity
	in	mm				
N-PC-0005	1/2	15	20-25	M6x20	2.0x20	1.30
N-PC-0010	3/4	20	26-30	M6x20	2.0x20	1.30
N-PC-0015	1	25	32-36	M6x20	2.0x20	1.30
N-PC-0020	5/4	32	38-45	M6x20	2.0x20	1.30
N-PC-0025	3/2	40	47-51	M6x20	2.0x20	1.30
N-PC-0030	2	50	60-64	M6x20	2.0x20	1.30
N-PC-0035	5/2	65	74-80	M6x20	2.5x20	1.90
N-PC-0040	3	80	87-92	M6x20	2.5x20	1.90
N-PC-0045	4	100	113-118	M6x20	2.5x20	1.90
N-PC-0050	5	125	138-142	M6x20	2.5x20	1.90
N-PC-0055	6	150	159-166	M6x20	2.5x20	1.90

PIPE CLAMP WITH STANDARD NUT (WITHOUT RUBBER GASKET)

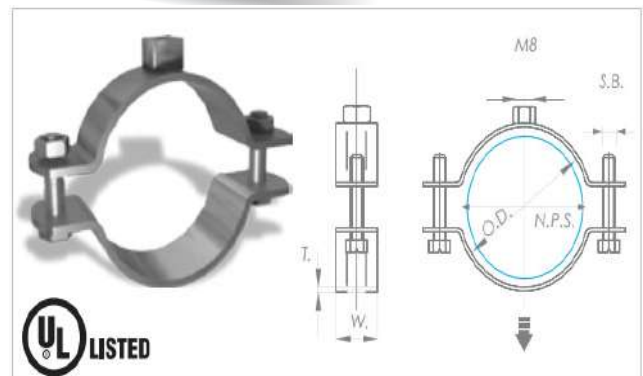
MATERIAL: Steel S235

SERVICE: Economy option

FINISH: Electro Zinc Plated

APPLICATIONS:

- Unassembled in plastic bags per 2 sets
- M6 screw with cross head



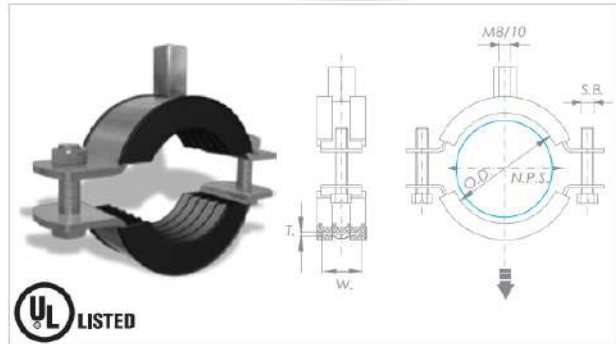
Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Side Bolt (S.B.)	Thickness (T) & Width (W)	Load Capacity
	in	mm				
N-PC-0105	1/2	15	20-25	M6x20	2.0x20	1.30
N-PC-0110	3/4	20	26-30	M6x20	2.0x20	1.30
N-PC-0115	1	25	32-36	M6x20	2.0x20	1.30
N-PC-0120	5/4	32	38-45	M6x20	2.0x20	1.30
N-PC-0125	3/2	40	47-51	M6x20	2.0x20	1.30
N-PC-0130	2	50	60-64	M6x20	2.0x20	1.30
N-PC-0135	5/2	65	74-80	M6x20	2.5x20	1.90
N-PC-0140	3	80	87-92	M6x20	2.5x20	1.90
N-PC-0145	4	100	113-118	M6x20	2.5x20	1.90
N-PC-0150	5	125	138-142	M6x20	2.5x20	1.90
N-PC-0155	6	150	159-166	M6x20	2.5x20	1.90

PIPE CLAMP WITH LONG NUT (WITH RUBBER)

MATERIAL: Steel S235

SERVICE: EPDM rubber insulation for sound reduction compliant with DIN 4109

FINISH: Electro Zinc Plated



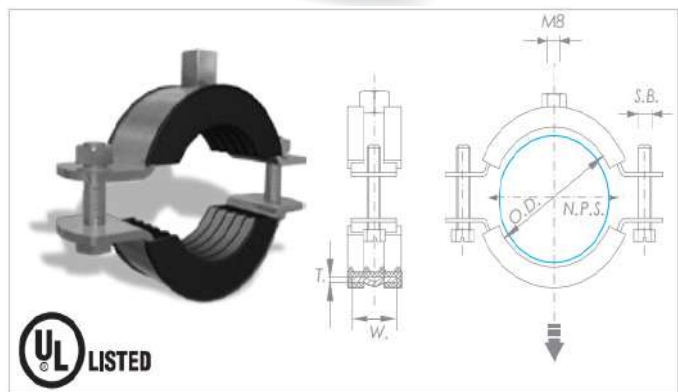
Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Side Bolt (S.B.)	Thickness (T) & Width (W)	Load Capacity
	in	mm	mm	mm	mm	KN
N-PCR-0205	1/2	15	20-25	M6x20	2.0x20	1.30
N-PCR-0210	3/4	20	26-30	M6x20	2.0x20	1.30
N-PCR-0215	1	25	32-36	M6x20	2.0x20	1.30
N-PCR-0220	5/4	32	38-45	M6x20	2.0x20	1.30
N-PCR-0225	3/2	40	47-51	M6x20	2.0x20	1.30
N-PCR-0230	2	50	60-64	M6x20	2.0x20	1.30
N-PCR-0235	5/2	65	74-80	M6x20	2.5x20	1.90
N-PCR-0240	3	80	87-92	M6x20	2.5x20	1.90
N-PCR-0245	4	100	113-118	M6x20	2.5x20	1.90
N-PCR-0250	5	125	138-142	M6x20	2.5x20	1.90
N-PCR-0255	6	150	159-166	M6x20	2.5x20	1.90

PIPE CLAMP WITH STANDARD NUT (WITH RUBBER)

MATERIAL: Steel S235

SERVICE: EPDM rubber insulation for sound reduction compliant with DIN 4109

FINISH: Electro Zinc Plated



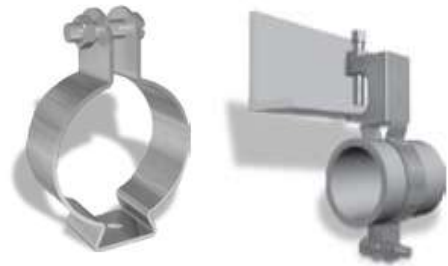
Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Side Bolt (S.B.)	Thickness (T) & Width (W)	Load Capacity
	in	mm				
N-PCR-0305	1/2	15	20-25	M6x20	2.0x20	1.30
N-PCR-0310	3/4	20	26-30	M6x20	2.0x20	1.30
N-PCR-0315	1	25	32-36	M6x20	2.0x20	1.30
N-PCR-0320	5/4	32	38-45	M6x20	2.0x20	1.30
N-PCR-0325	3/2	40	47-51	M6x20	2.0x20	1.30
N-PCR-0330	2	50	60-64	M6x20	2.0x20	1.30
N-PCR-0335	5/2	65	74-80	M6x20	2.5x20	1.90
N-PCR-0340	3	80	87-92	M6x20	2.5x20	1.90
N-PCR-0345	4	100	113-118	M6x20	2.5x20	1.90
N-PCR-0350	5	125	138-142	M6x20	2.5x20	1.90
N-PCR-0355	6	150	159-166	M6x20	2.5x20	1.90

OMEGA CONDUIT AND PIPE CLAMP

MATERIAL: Steel S235

SERVICE: Designed for hanging conduit (rigid or EMT) to beam clamps, available with or without closure bolt

FINISH: Electro Zinc Plated



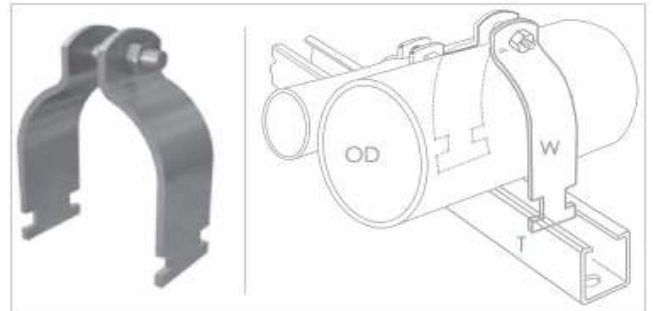
Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Side Bolt (S.B.)	Thickness (T) & Width (W)	Load Capacity
	in	mm				
N-OMCPC-0405	1/2	15	20-25	M6x20	2.0x20	1.30
N-OMCPC-0410	3/4	20	26-30	M6x20	2.0x20	1.30
N-OMCPC-0415	1	25	32-36	M6x20	2.0x20	1.30
N-OMCPC-0420	5/4	32	38-45	M6x20	2.0x20	1.30
N-OMCPC-0425	3/2	40	47-51	M6x20	2.0x20	1.30
N-OMCPC-0430	2	50	60-64	M6x20	2.0x20	1.30
N-OMCPC-0435	5/2	65	74-80	M6x20	2.5x20	1.90
N-OMCPC-0440	3	80	87-92	M6x20	2.5x20	1.90
N-OMCPC-0445	4	100	113-118	M6x20	2.5x20	1.90
N-OMCPC-0450	5	125	138-142	M6x20	2.5x20	1.90
N-OMCPC-0455	6	150	159-166	M6x20	2.5x20	1.90

CHANNEL CLAMP

MATERIAL: Steel S235

SERVICE: For mounting (rigid or EMT) and steel pipes on C-Channel

FINISH: Electro Zinc Plated or Hot-dip Galvanized



Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)		Thickness (T) & Width (W)	Load Capacity
	in	mm	EMT (in mm)	Rigid (in mm)	mm	KN
N-CC-0505	1/2	15	20	25	1.5x28	1.30
N-CC-0510	3/4	20	26	30	1.5x28	1.30
N-CC-0515	1	25	32	40	2.0x28	1.30
N-CC-0520	5/4	32	42	45	2.0x28	1.30
N-CC-0525	3/2	40	46	50	2.5x28	1.30
N-CC-0530	2	50	60	64	2.5x28	1.30
N-CC-0535	5/2	65	74	80	2.5x28	1.90
N-CC-0540	3	80	86	92	2.8x28	1.90
N-CC-0545	4	100	112	118	3.0x28	1.90
N-CC-0550	5	125	138	142	3.0x28	1.90
N-CC-0555	6	150	160	165	3.0x28	1.90

U CLAMP / PIPE STRAP- TWO HOLE

MATERIAL: Steel S235

SERVICE: Designed for supporting pipe runs on walls and on C-Channels

FINISH: Electro Zinc Plated



Reference Code	Nominal Pipe Size (N.P.S)		Outside Diameter (O.D.)	Thickness (T) & Width (W)	Hole Size	Load Capacity
	in	mm				
N-UC-0605	1/2	15	22	1.5X25	6	1.30
N-UC-0610	3/4	20	28	1.5X25	6	1.30
N-UC-0615	1	25	35	1.5X25	6	1.30
N-UC-0620	5/4	32	42	1.5X25	6	1.30
N-UC-0625	3/2	40	54	1.5X25	6	1.30
N-UC-0630	2	50	60	2.0x30	8	1.90
N-UC-0635	5/2	65	75	2.0x30	8	1.90
N-UC-0640	3	80	90	2.0x40	8	1.90

ONE-HOLE PIPE STRAP (SNAP TYPE)

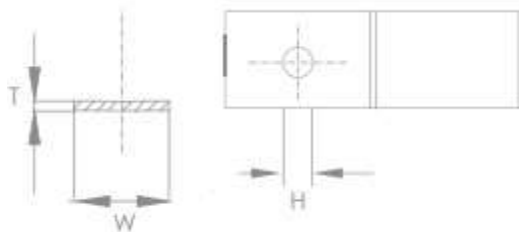


MATERIAL: Steel S235

SERVICE: Designed for supporting standard conduits, cable and steel pipes on walls or sides of beams or on C-Channels

FINISH: Electro Zinc Plated

(Not recommended for use horizontally on ceilings, bottoms of beams and similar installations since the factor of safety is greatly reduced when so used)



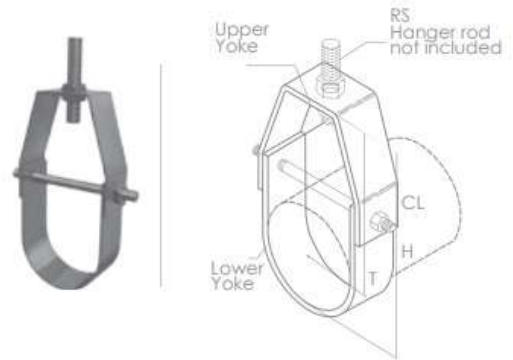
Reference Code	Nominal Pipe Size (N.P.S)		Thickness (T) & Width (W)	Hole Size (H)	Load Capacity
	in	mm			
N-1HPS-0705	1/2	15	1.0x25	6	0.40
N-1HPS-0710	3/4	20	1.0x25	6	0.40
N-1HPS-0715	1	25	1.0x25	6	0.40
N-1HPS-0720	5/4	32	1.5X25	6	0.40
N-1HPS-0725	3/2	40	1.5X25	6	0.40
N-1HPS-0730	2	50	1.5X25	8	0.40
N-1HPS-0735	5/2	65	2.0x25	8	0.45
N-1HPS-0740	3	80	2.5x25	8	0.45

CLEVIS PIPE HANGER

MATERIAL: Steel S235

FINISH: Electro Zinc Plated or Hot-dip Galvanized

APPLICATION: Designed for suspending pipes



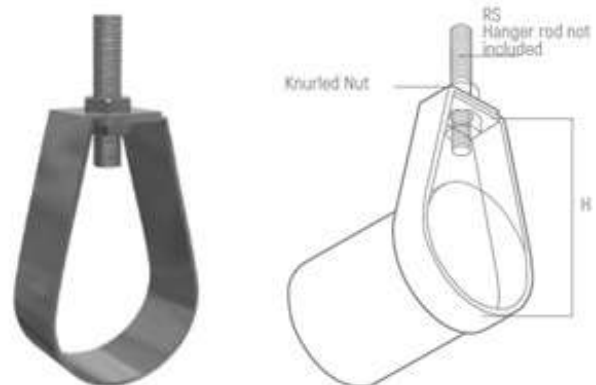
Reference Code	Nominal Pipe Size (N.P.S)		Rod Size	Center Line (CL)	Height (H)	Transverse (T)	Thickness (T) & Width (W)	Load Capacity
	in	mm						
N-CLH-0805	1/2	15	M10	44	55	6	3.0x25	2.70
N-CLH-0810	3/4	20	M10	54	68	6	3.0x25	2.70
N-CLH-0815	1	25	M10	58	75	6	3.0x25	2.70
N-CLH-0820	5/4	32	M10	80	100	6	3.0x25	2.70
N-CLH-0825	3/2	40	M10	81	106	6	3.0x25	2.70
N-CLH-0830	2	50	M10	86	117	6	3.0x25	2.70
N-CLH-0835	5/2	65	M12	106	144	8	3.0x30	5.00
N-CLH-0840	3	80	M12	127	172	8	3.0x30	5.00
N-CLH-0840	4	100	M16	141	199	10	4x30	6.30
N-CLH-0840	5	125	M16	159	229	10	4x30	6.30
N-CLH-0840	6	150	M20	174	257	12	4x40	8.50

ADJUSTABLE BAND HANGER

MATERIAL: Steel S235

FINISH: Electro Zinc Plated or Hot-dip Galvanized

APPLICATION: Designed for suspending non-insulated stationary pipe line. Knurled nut can be supplied in 8 to 10 mm diameter



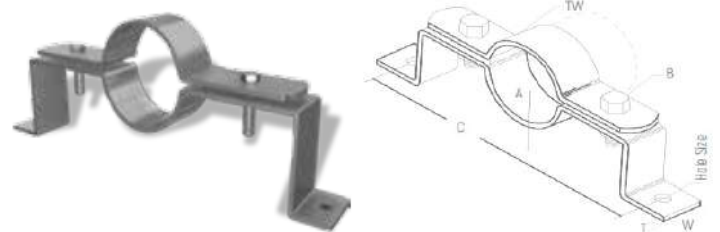
Reference Code	Nominal Pipe Size (N.P.S)		Rod Size	Height (H)	Thickness (T) & Width (W)	Load Capacity
	in	mm				
N-ADBH-0905	1/2	15	M8	54	1.0x25	0.30
N-ADBH-0910	3/4	20	M8	64	1.0x25	0.30
N-ADBH-0915	1	25	M8	72	1.2x25	0.30
N-ADBH-0920	5/4	32	M8	83	1.2x25	0.30
N-ADBH-0925	3/2	40	M8	96	1.2x25	0.30
N-ADBH-0930	2	50	M8	113	1.2x25	0.30
N-ADBH-0935	5/2	65	M10	130	1.2x25	0.60
N-ADBH-0940	3	80	M10	156	1.2x25	0.60
N-ADBH-0940	4	100	M10	215	1.2x25	0.60
N-ADBH-0940	5	125	M10	242	2.0x25	1.10
N-ADBH-0940	6	150	M10	279	2.0x25	1.10

OFFSET PIPE CLAMP

MATERIAL: Steel S235

FINISH: Electro Zinc Plated or Hot-dip Galvanized

SERVICE: Designed for supporting and stabilizing vertical pipe runs



Reference Code	Nominal Pipe Size (N.P.S)		A	B	C	Hole Size	Thickness (T) & Width (W)	Load Capacity
	in	mm						
N-OFFPC-1005	1/2	15	60	8x40	150	10	3.0x30	0.90
N-OFFPC-1010	3/4	20	60	8x40	175	10	3.0x30	0.90
N-OFFPC-1015	1	25	65	8x40	190	10	3.0x30	0.90
N-OFFPC-1020	5/4	32	75	8x40	200	10	3.0x30	0.90
N-OFFPC-1030	2	50	80	10x50	225	12	4.5x30	1.20
N-OFFPC-1035	5/2	65	85	10x50	250	12	4.5x30	1.20
N-OFFPC-1040	3	80	95	10x50	275	12	4.5x30	1.20
N-OFFPC-1045	4	100	105	12x50	300	14	5.0x40	1.80
N-OFFPC-1050	6	150	130	12x50	400	14	5.0x40	1.80
N-OFFPC-1055	8	200	160	12x50	450	14	5.0x40	1.80

BEAM CLAMPS

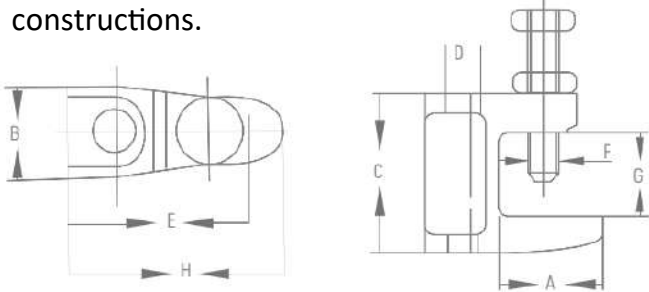
NIPRAS METAL TRADING (NMTE) Beam Clamps are designed to provide attachment of hanger rods to structures without drilling or welding. A wide range of types and sizes are available for various applications.



C-CLAMP

MATERIAL: - Malleable Cast Iron Zinc plated

Casting tolerance according to DIN 1684 GTA/17 with hexagon head screw DIN 933 8.8, threaded end with cup point according to EN ISO 4753 and locknut DIN 439 for sprinkler systems, heating, ventilation and air-conditioning, acoustic tubes and sanitary installation machines and steel constructions.



Reference Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Load Capacity KN
N-BC-C-1105	20	19	35	M6 \varnothing 7	35	M8	17	36	1.10
N-BC-C-1110	21	19	35	M8 \varnothing 9	35	M8	18	38	1.20
N-BC-C-1115	29	21	45	M8 \varnothing 9	41	M10	23	50	2.50
N-BC-C-1120	23	21	42	M10 \varnothing 11	41	M10	20	44	2.50
N-BC-C-1130	35	23.5	54	M12 \varnothing 13	48	M10	26	58	3.50
N-BC-C-1135	30	29.5	58	M16 \varnothing 17	55.5	M12	28	58.3	5.50

**The Load data includes a safety factor of 4.0, (safety factor = ratio of ultimate load divided to the design Load: Safety factor 4:1)*

STEEL BEAM CLAMP-OPEN

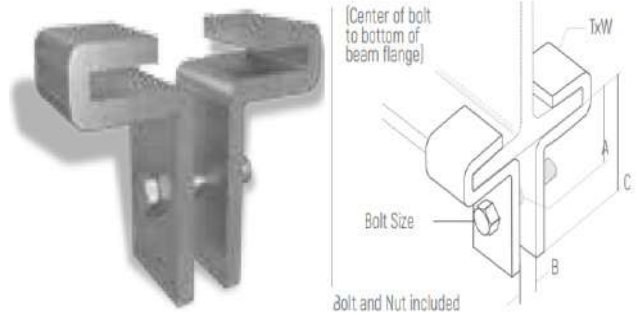
MATERIAL: Steel S235

SERVICE: Designed for attaching hanger rods to the top or bottom flange of a beam

FINISH: Hot-dip Galvanized

ORDERING: Specify flange width and thickness

STEEL SIZE: 5X30 mm



Reference Code # N-BC-OP-1140

STEEL BEAM CLAMP-CLOSED

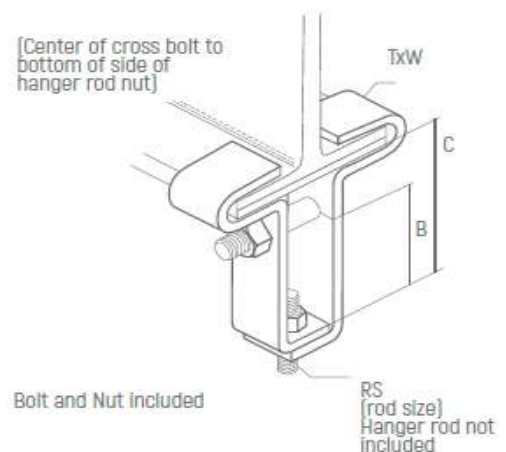
MATERIAL: Steel S235

SERVICE: Designed for attaching hanger rods to the top or bottom flange of a beam

FINISH: Hot-dip Galvanized

ORDERING: Specify flange width and thickness

STEEL SIZE: 5X30 mm



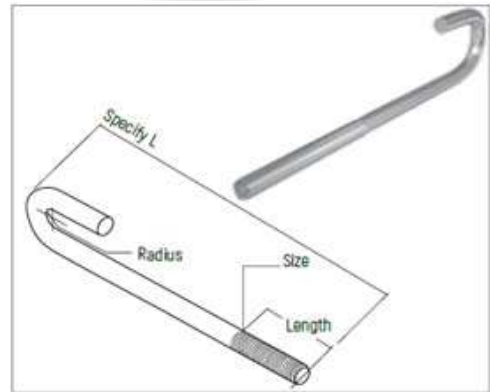
Reference Code # N-BC-CL-1145

ANCHOR J BOLT

MATERIAL: Steel S235

FINISH: Electro Zinc Plated

SERVICE: Designed for attaching to beam flange or purlin and as a concrete insert



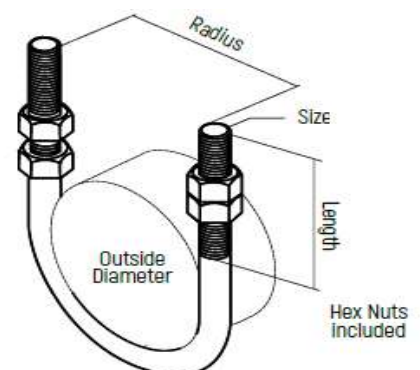
Reference Code	THREAD			Load Capacity
	Size	Length	Radius	
	mm	mm	mm	
N-A-JB-1205	10	50	13.0	1.00
N-A-JB-1210	12	50	16.0	1.90
N-A-JB-1215	16	60	19.0	3.10
N-A-JB-1220	20	60	22.1	4.60
N-A-JB-1230	22	60	25.1	6.50
N-A-JB-1235	25	75	35.0	7.00

ANCHORE U-BOLT

MATERIAL: Steel S235

FINISH: Electro Zinc Plated

APPLICATION: Designed as a support, guide, or anchor for light - duty pipes



Reference Code	Nominal Pipe Size (N.P.S)		Thread		Outside Diameter	Load Capacity
	in	mm	Size (mm)	Length (mm)	mm	KN
N-A-UB-1305	1/2	15	6	20	22	0.40
N-A-UB-1310	3/4	20	6	30	28	0.40
N-A-UB-1315	1	25	6	30	35	0.40
N-A-UB-1320	5/4	32	6	30	43	0.40
N-A-UB-1325	3/2	40	6	35	50	0.40
N-A-UB-1330	2	50	6	35	61	0.40
N-A-UB-1335	5/2	65	8	35	78	0.90
N-A-UB-1340	3	80	8	40	92	0.90
N-A-UB-1345	4	100	10	50	116	1.00
N-A-UB-1350	6	150	12	50	170	2.00



NMIC is fully committed to a quality policy which ensures delivery of its products and services “defect free on time”. NMIC provides quality management, co-ordination, production and processing, manufacture, and installation services throughout KSA and sometimes outside KSA. Since the establishment, NMIC is primarily engaged in providing Architectural Engineering solutions in the market and aims to achieve a high standard of production and trading services.

- NMIC possess the policy to:
- Manufacture and supply products which fully confirm to the customer’s requirements, relating to quality, reliability, and delivery.
- Use the company’s considerable experience and knowledge in the production of standard products to assist customers in the cost-effective design and development of both existing and new products.
- Ensure that suppliers of raw materials, goods and services confirm to all requirements and are of a consistent high quality, to enable the company in achieving its commitments to all customers.
- Recognize that the responsibility for quality lies with all employees of the company and hence to stimulate and encourage interest and pride in their work.
- Hold frequent Quality Management System review meetings to enable continual review of the suitability of the Quality policy and all aspects of the Quality Management System.

These requirements of Quality Policies are compared to the requirements of ISO 9001:2015- Quality Policy. NMIC is committed to achieve our customer satisfaction by the use of quality procedures which will be operated to meet or exceed the requirements of ISO 900:2015



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