RINGLOCK SYSTEM

Product Catalogue & Product Load Data

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Introduction:

Technocraft is a multi-product multinational group, which was established in 1972 by a group of technologists with the aim of manufacturing high precision and sophisticated products, for discerning worldwide markets. Technocraft enjoys a significant position in five main business industries, Scaffolding & Formwork Systems, Drum Closures, Pipes & Tubes, Engineering Services, and Cotton Yarn. We are an ISO 9001:2015 certified company. Headquartered in Mumbai (India), with overseas offices and warehouses in Manchester (U.K.), Lodz (Poland) & Budapest (Hungary), Chicago (U.S.A.), Houston (U.S.A.), and Quanjiao (China). Technocraft has attained an important qualification as a government-recognized Foreign Trading House.

Vision:

To lead the industry by providing innovative products, solutions, and support that exceed expectations.

Mission:

To positively impact the global community by providing Safe, Efficient, and Customer focused solutions in the factory and on the job site.

Values:

Quality – Trust – Leadership – Commitment – Innovation

Our Company:

The Technocraft family consists of more than 3000 skilled workers, technicians, and technologists. All of them are working towards the common goal of delivering the best quality products to our customers, around the world. The manufacturing process is continuously reviewed and upgraded with the latest technology to yield higher productivity and improved quality product. There are five manufacturing plants located near Mumbai, India providing over 50,000 square meters of production space. There is one location in China providing over 33,000 Square meters of production space.

Our History:

The company launched its first major export drive in 1977. It was recognized as an export house by the government of India in 1979. The company has won a number of awards for export excellence, since its inception, including the “Best Export Performance” awarded by the Prime Minister of India.

Milestones:

1972 – Opened first manufacturing unit for Drum Closures

1977 – Launched first major export drive

1979 – Recognized as an Export House

1980 – Expanded Drum Closure Capacity

1993 – Setup its first foreign subsidiary in the UK

1994 – Acquired Maharashtra Steel Tubes Limited

1997 – Yarn Unit opens, 100% EOU

1998 – Subsidiary in Poland opens

2000 – Subsidiary in Hungary opens

2000 – Awarded the National Award for Export Excellence by the Ministry of Commerce and Industry,

Award Presented by the Prime Minister of India "Shri. Atal Bihari Vajpayee."

2000 – Technosoft Information Technologies, begins providing Engineering Software and Design Services.

2001 – Awarded Export Excellence Award for all steel products by the Engineering Export Promotion Council – Maharashtra.

2003 – Began marketing Garments as – Danube Fashions Limited

2004 – Received the 3 Star Export House Certificate

2005 – Subsidiary in Germany opens

2005 – Launched "Haute Chilli" Brand in India

2006 – Subsidiary in Australia opens

2006 - Filed the DRHP with SEBI

2007 – Listed on the Mumbai Stock Exchange and the National Stock Exchange

2008 – Built 15MW power plant

2009 – Established manufacturing plant in CHINA

2010 – Joint Venture with a Canadian company for manufacturing building formworks

2011 – Expanded product offering to include the Design & Manufacturing of custom formwork for Infrastructure Projects and Transmission & Telecom Towers

2013 – Acquired Calgary-based EPCM Company – Swift Engineering Inc.

2015 – Acquired AA International Trading LL (AAIT), in the U.S.A., to establish a full scale

scaffold distribution presence in North America.

2015 – Opened a new Distribution yard in Houston, U.S.A.

2015 – Received star Export performer award from EEPC. India.

2016 – Introduced the Mach Brand of Scaffolding & Formwork Products.

2018 – Introduced Mach One Monolithic Formwork system.

2019 – Released the Mach Shoring Frame system for the Australian market.

2020 – Began the sale and distribution of an Access Frame system in North America.

2021 – Developed a narrow Soldier System for the New Zealand market.

2022 – Developed a 10K Shoring Frame System for the USA market.

2023 – Developed Mäch AluPly Aluminium Wallform System for Global Market.

Technical Services:

Technocraft Industries has a staffed Design and Engineering department. This group provides innovative solutions to ever-changing challenges in the scaffold, shoring, and forming industry. They work closely with customers so that expectations are met and the project is kept on time and on budget.

Product Range:

Technocraft Industries has been manufacturing and developing new and innovative products for the scaffold and formwork industries since 1998. We offer a full range of Formwork, Industrial and Commercial scaffold products that meet or exceed industry standards.

Quality Standards:

Technocraft Industries follows BS, EN, AS/NZS, IS and ASTM standards in the designing and production of Scaffolding and Formwork systems. Production is strictly controlled within the tolerance of these standards using the latest production methods and modern machinery. Our Quality Control team is selected from long-serving and experienced personnel. The Quality Team is trained and supervised by Engineers. Products are checked during production to ensure the delivered product is on time and meets the customer's specifications and requirements. The company strictly follows the ideals of ISO 9001 and "Total Quality Management" applying these principles as a part of day-to-day operations.

Technical Know-How:

Technocraft Industries has been working in this field since 1998, our experienced technical team has the knowledge and ability to design and manufacture scaffolding & formworks systems. We have expertise in castings, forgings, press work and general fabrication allowing us to produce the products our customers need, exceeding their expectations. Knowledge and experience along with design and structural calculation enable Technocraft Industries to provide design services to their customers.

Technocraft's Advantage:

Technocraft is focused on their customer, understanding their needs, requirements, and expectations. This focus allows Technocraft to design processes, procedures and tooling in a manner that delivers products to the customer that meet required specifications and perform as expected. Technocraft is a vertically integrated manufacturer, from slitting to packing the manufacturing process occurs within the walls of their factory. This allows them the ability to monitor and control all aspects of production, keeping costs low and quality high.

Infrastructure:

1) Toolroom with up to date machinery
    1) Electronic discharge Machines (EDM)
    2) Vertical Machining Centre (VMC)
    3) CNC Lathe Machines, Shapers and other conventions machines.
    4) Surface and Cylindrical Grinders
    5) Wire Cut Machines
    6) Drill Machines
2) Mechanical Presses with the capacity of 20 tons to 1000 tons
3) Hydraulics presses, press brakes and shearing machines up to 4.2m wide, up to 340 tons.
4) Welding Machines (MIG-MAG)
5) Bolt forming Headers with Thread rolling and Trimming Machines
6) Induction melting Furnace with the capacity of 500kgs / 350 KW
7) Forging press up to 1600 tons
8) Slitting line up to 8mm x 1800mm wide.
9) Three complete Tube rolling lines with open and close profile sections like round, square, rectangular and special wall form profile, steel planks etc.
10) Two Complete Hot Dip Galvanizing lines
11) Powder Coating line
12) Complete painting unit and Electro-plating line.

The **BEST** is yet to come

Inspection, Measuring and Testing equipment:

1) Digital Height Master with Granite table 250mm × 1000mm × 2000mm
2) Co-ordinate Measuring Machine (C.M.M). Machine size: X-600, Y-800, Z-500
3) Profile projector with 10X magnified
4) ULTRA PRECISION TRIPLE SCAN LASER,
5) Digital Height master
6) Digital Vernier and Trammels up to 4.0meters
7) Hardness Testing Machine
8) V-notch Charpy Impact Testing Machine
9) Spectrometer for chemical analyses
10) Salt spray testing machine
11) Ultrasonic Testing Machine (UT) and Magnetic Particle Testing Machine (MPT)
12) Universal Testing Machines 400kN and 600kN.
13) Post shore / prop testing machine up to 5.0m height
14) Point and UDL load testing machine up to 3.0m length product
15) 3 Tier and 1 Tier load testing machines to find vertical leg loads up to 6.5m height.
16) 10 meter length Truss & Lattice girder UDL & Point Load testing machine.

Our Quality Policy:

TECHNOCRAFT is committed to being a leader in the design and manufacturing of scaffolding and will always deliver high-quality, innovative, products that meet or exceed our customers' expectations and requirements.

TECHNOCRAFT is committed to delivering defect-free products on schedule and on budget while maintaining compliance with applicable regulatory and industry standards.

- Welding Standards conform to AWS D1.1 / D1.1M and ISO 3834
- Welding Certification per EN 1090-2 and EN 1090-3 from SLV, Germany.
- Product certification for European Props as per EN 1065:1998 from Sigma Karlsruhe, Germany.
- Techlock System tested as per EN 12810/12811 at Oxford University England.
- Proven Quality System from Design to Delivery and beyond.
    - Selection of proper material and purchased directly from steel manufacturers only.
    - Material Testing (In-house & reputed Labs).
    - Material identification system.
    - Material review process before the material is released for production.
    - In-Process Quality monitoring system to ensure quality at every stage.
    - Periodic calibration of all measuring instruments, testing equipment, and Gauges.
    - Product testing
- Traceability, all products are marked with a code that identifies the batch and supporting process control documents.

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PRODUCTS

ACCESSORIES

TUBE & COUPLERS

LADDERS & LADDER BRACKETS

PLANKS & WALKWAYS

SCAFFOLDING STORAGE

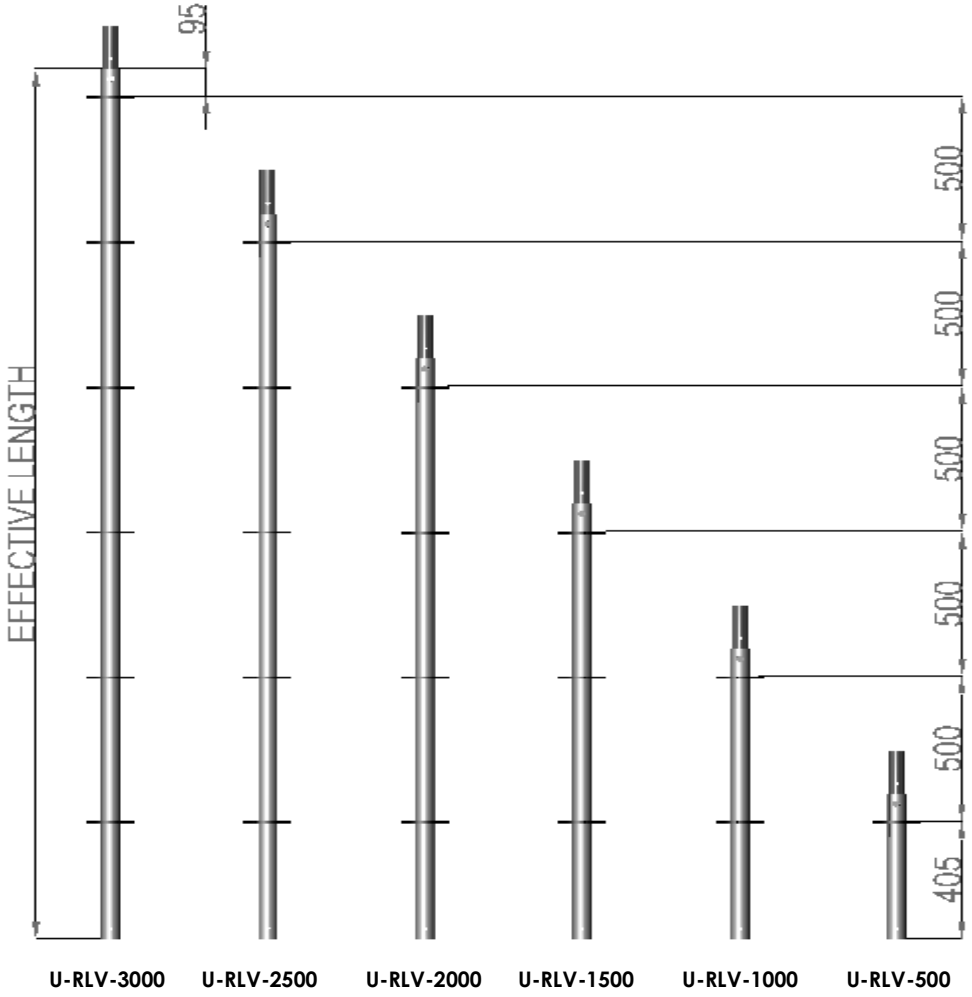
ENGINEERING & WORKING LOADS

Ringlock System - Product Identification

STANDARDS & VERTICALS

Standards are the vertical component of ring lock scaffold. Rings or rosettes are spaced every 19.7” (500 mm) on the tube and provide a point of attachment for various components that are used to create a scaffold structure.

Material: High Strength Steel **Finish:** HDG

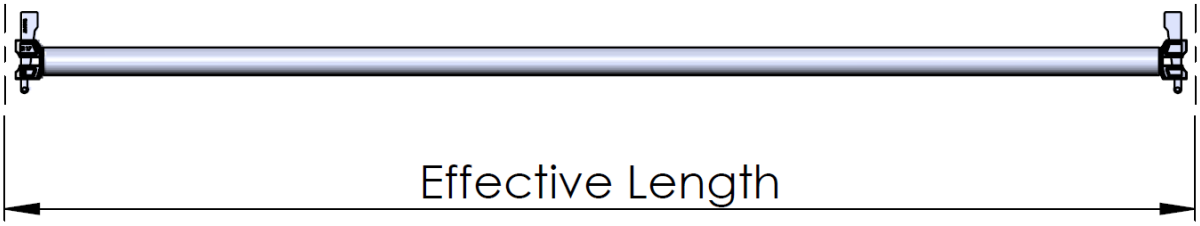


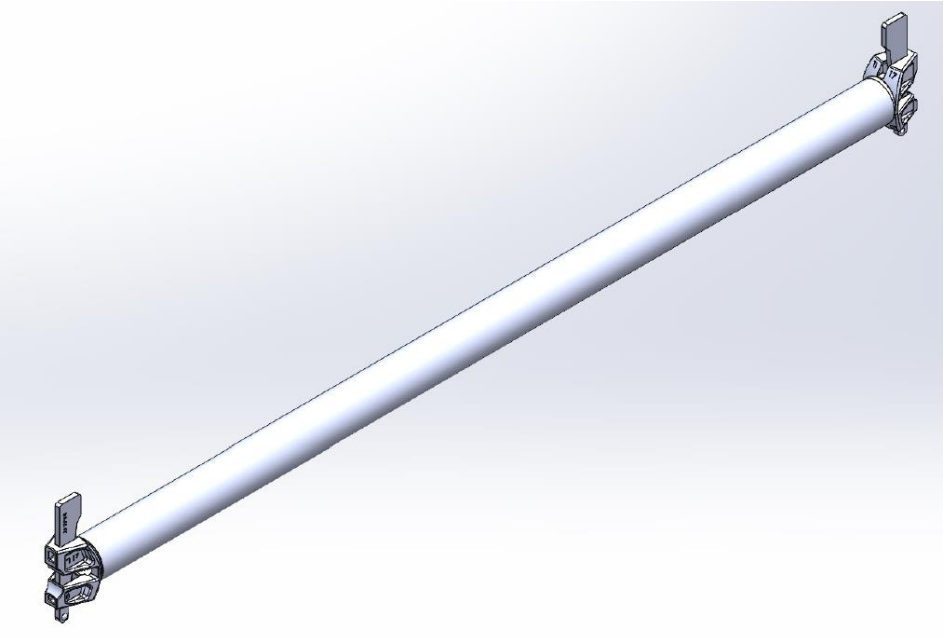
Product Code	Description	Height		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
U-RLV-3000	3.0 Standards / Verticals (6 Ring)	9'-10"	3000.0	32.3	14.7	Rack	80
U-RLV-2500	2.5 Standards / Verticals (5 Ring)	8'-2"	2500.0	27.1	12.3	Rack	80
U-RLV-2000	2.0 Standards / Verticals (4 Ring)	6'-6"	2000.0	21.1	9.6	Rack	80
U-RLV-1500	1.5 Standards / Verticals (3 Ring)	4'-11"	1500.0	17.0	7.7	Rack	80
U-RLV-1000	1.0 Standards / Verticals (2 Ring)	3'-3"	1000.0	12.0	5.5	Rack	80
U-RLV-500	0.5 Standards / Verticals (1 Ring)	1-7"	500.0	6.9	3.1	Rack	160

LEDGER / TRANSOM

Ledgers and Transoms are horizontal members that are used to form a scaffold bay by setting the distance between the standards. They also can be used for the top rail and knee rail as part of the guard rail system. Shorter ledgers, called transoms, can be used to support plank. AAIT/ Technocraft recommends using a double ledger as a transom for bays 6 feet or wider.

Material: High Strength Steel **Finish**: HDG



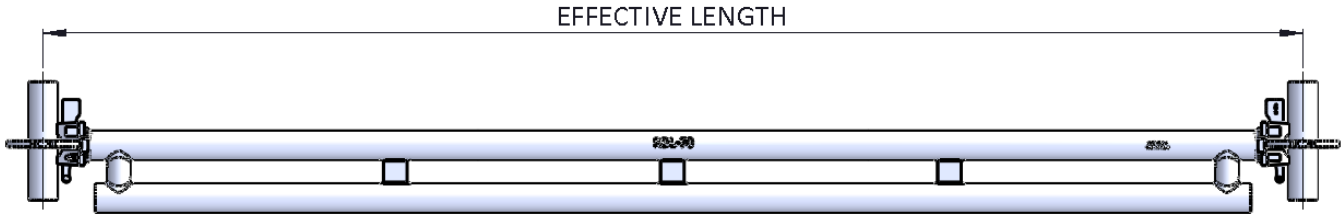


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
RL-10-305	Ledger / Transom-0.305M	1’	305.0	4.5	2.0	Basket	500
RL-20	Ledger / Transom-0.610M	2’	610.0	6.2	2.8	Rack	150
RL-22-65	Ledger / Transom-0.650M	2’1.6”	650.0	7.1	3.2	Rack	150
RL-24-73	Ledger / Transom-0.732M	2’4.8”	732.0	7.7	3.5	Rack	150
RL-25-75	Ledger / Transom-0.750M	2’5”	750.0	8.1	3.7	Rack	150
RL-29	Ledger / Transom-0.838M	2’9”	838.0	8.4	3.8	Rack	150
RL-210	Ledger / Transom-0.864M	2’10”	864.0	8.4	3.8	Rack	150
RL-211	Ledger / Transom-0.880M	2’11”	880.0	8.3	3.8	Rack	150
RL-30	Ledger / Transom-0.914M	3’	914.0	9.1	4.1	Rack	150
RL-33	Ledger / Transom-0.990M	3’3”	990.0	9.2	4.2	Rack	150
RL-36	Ledger / Transom-1.067M	3’-6”	1067.0	9.7	4.4	Rack	150
RL-36S	Ledger / Transom-1.088M	3’6.8”	1088.0	10.0	4.6	Rack	150
RL-310S	Ledger / Transom-1.150M	3’10”	1150.0	10.3	4.7	Rack	150
RL-40	Ledger / Transom-1.219M	4’	1219.0	10.9	5.0	Rack	150
RL-43	Ledger / Transom-1.286M	4’3”	1286.0	11.9	5.4	Rack	150
RL-47	Ledger / Transom-1.400M	4’7”	1400.0	13.4	6.1	Rack	150
RL-410	Ledger / Transom-1.484M	4’10”	1484.0	13.6	6.2	Rack	150
RL-50	Ledger / Transom-1.524M	5’	1524.0	13.7	6.2	Rack	150
RL-52	Ledger / Transom-1.572M	5’2”	1572.0	14.1	6.4	Rack	150
RL-54	Ledger / Transom-1.626M	5’4”	1626.0	15.2	6.9	Rack	150
RL-60	Ledger / Transom-1.829M	6’	1829.0	16.4	7.5	Rack	150
RL-69	Ledger / Transom-2.072M	6’9"	2072.0	17.6	8.0	Rack	150
RL-70	Ledger / Transom-2.133M	7’	2133.0	17.6	8.0	Rack	150
RL-80	Ledger / Transom-2.438M	8’	2438.0	20.7	9.4	Rack	150
RL-82	Ledger / Transom-2.500M	8’2”	2500.0	20.9	9.5	Rack	150
RL-86	Ledger / Transom-2.572M	8’6”	2572.0	21.1	9.6	Rack	150
RL-90	Ledger / Transom-2.743M	9’	2743.0	23.6	10.7	Rack	150
RL-910	Ledger / Transom-3.000M	9’10”	3000.0	26.4	12.0	Rack	150
RL-100	Ledger / Transom-3.048M	10’	3048.0	25.2	11.4	Rack	150

DOUBLE LEDGERS

Double Ledgers are designed to be load-bearing transoms and should be used when the work bay needs to support a higher load.

Material: High Strength Steel **Finish:** HDG

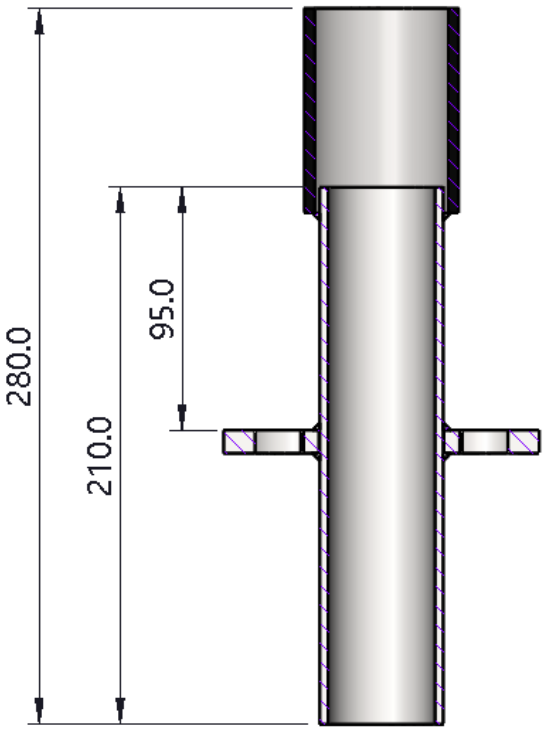


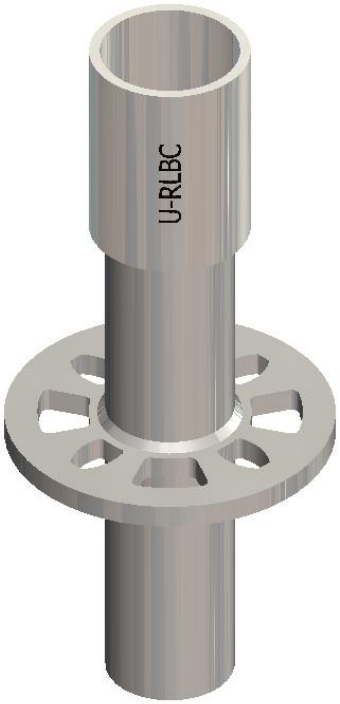
Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
RDL-50	Double Ledgers-1.524M	5'	1524.0	26.4	11.5	Rack	75
RDL-52	Double Ledgers-1.572M	5'2"	1572.0	26.8	12.0	Rack	75
RDL-60	Double Ledgers-1.829M	6'	1829.0	31.9	13.8	Rack	75
RDL-70	Double Ledgers-2.133M	7'	2133.0	36.9	16.1	Rack	75
RDL-80	Double Ledgers-2.438M	8'	2438.0	41.8	18.6	Rack	75
RDL-86	Double Ledgers-2.572M	8'6"	2572.0	42.24	18.9	Rack	75
RDL-90	Double Ledgers-2.743M	9'	2743.0	47.8	21.1	Rack	75
RDL-100	Double Ledgers-3.048M	10'	3048.0	52.6	22.5	Rack	75

BASE COLLAR (STARTER)

The Base Collar is the foundational piece for building a Ring Lock structure. It sits on the base jack or swivel jack providing the initial connections for ledgers and allowing the structure to be easily squared and levelled.

Material: High Strength Steel **Finish:** HDG



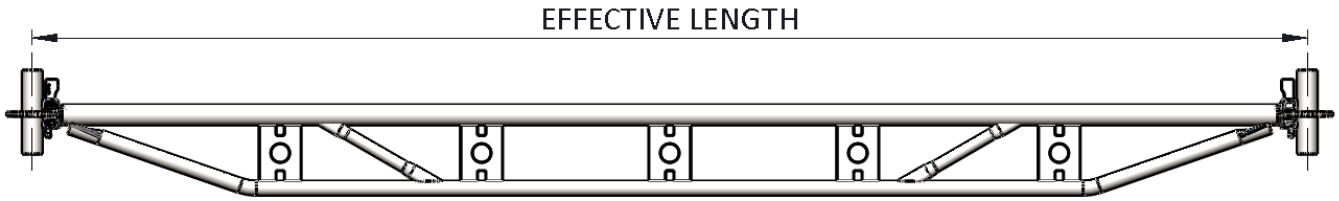


Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
U-RLBC	Base Collar (Starter)	3.8	1.7	Basket	300

TRUSS LEDGER

Truss Ledgers are designed to be load-bearing transoms and should be used when the work bay needs to support a higher load.

Material: High Strength Steel **Finish:** HDG

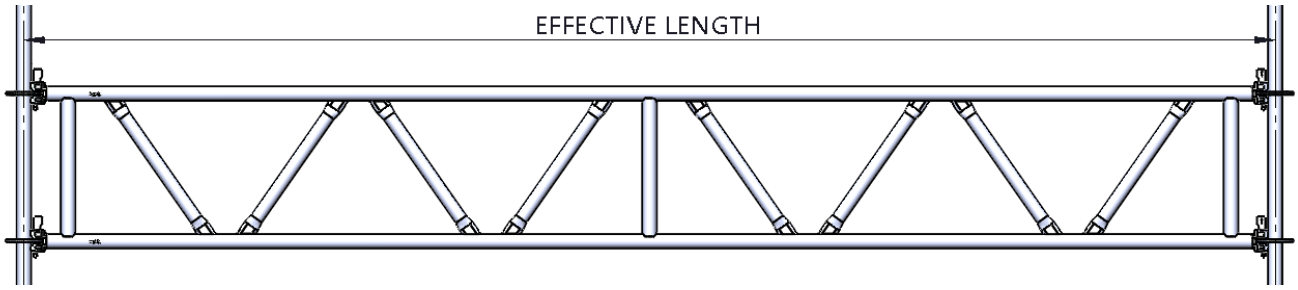


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
RLT52	Truss Ledger 1.57m	5'2"	1572.0	23.3	10.6	Rack	63
RLT69	Truss Ledger 2.07m	6'9"	2072.0	32.6	14.8	Rack	63
RLT70	Truss Ledger 2.13m	7'0"	2133.0	33.4	15.2	Rack	63
RLT80	Truss Ledger 2.43m	8'0"	2438.0	37.4	17.0	Rack	63
RLT86	Truss Ledger 2.57m	8'6"	2572.0	40.0	18.2	Rack	63
RLT100	Truss Ledger 3.04m	10'0"	3048.0	47.3	21.5	Rack	63
RLT101	Truss Ledger 3.07m	10'1"	3070.0	47.5	21.6	Rack	63
RLT120	Truss Ledger 3.65m	12'0"	3658.0	57.9	26.3	Rack	63

LATTICE GIRDER

Lattice girders are used when the horizontal part of the structure needs to bear a higher load or when the scaffold needs to span a longer distance.

Material: High Strength Steel **Finish:** HDG

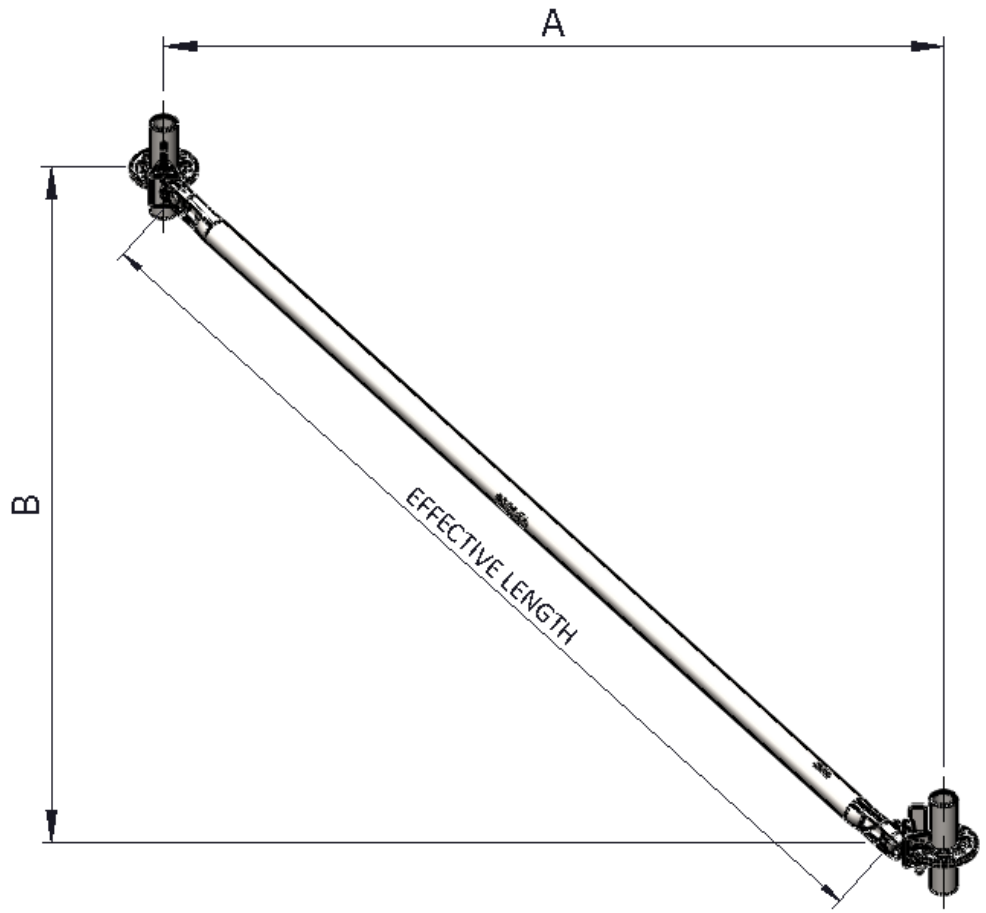


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
TRLLG310S	Lattice Girder-1.150M	3'10"	1150.0	32.3	14.7	Rack	20
TRLLG5	Lattice Girder-1.524M	5'	1524.0	44.0	20.0	Rack	20
TRLLG6	Lattice Girder-1.829M	6'	1829.0	45.7	20.8	Rack	20
TRLLG7	Lattice Girder-2.133M	7'	2133.0	53.5	24.3	Rack	20
TRLLG8	Lattice Girder-2.438M	8'	2438.0	62.9	28.6	Rack	20
TRLLG9	Lattice Girder-2.743M	9'	2743.0	69.7	31.7	Rack	20
TRLLG10	Lattice Girder-3.048M	10'	3048.0	76.1	34.6	Rack	20
TRLLG12	Lattice Girder-3.657M	12'	3658.0	91.3	41.5	Rack	20
TRLLG14	Lattice Girder-4.267M	14'	4267.0	107.3	48.8	Rack	20
TRLLG16	Lattice Girder-4.876M	16'	4877.0	123.6	56.2	Bundles	20
TRLLG18	Lattice Girder-5.486M	18'	5486.0	131.3	59.7	Bundles	20
TRLLG20	Lattice Girder-6.096M	20'	6096.0	150.7	68.5	Bundles	20
TRLLG21	Lattice Girder-6.400M	21'	6401.0	157.3	71.5	Bundles	20
TRLLG24	Lattice Girder-7.315M	24'	7315.0	179.7	81.7	Bundles	20
TRLLG28	Lattice Girder-8.534M	28'	8534.0	204.6	93.0	Bundles	20

DIAGONAL BRACE / BAY BRACE

Diagonal braces are used to stiffen a scaffold. They also can be used in conjunction with the stair system to act as handrails and mid-rails.

Material: High Strength Steel **Finish:** HDG



DIAGONAL BRACE 2.0M HEIGHT

Product Code	Description	"A" in Ft-In	Bay Size (AXB) in mm	Eff. Length in mm	Weight		Packing	
					Lbs	Kg	Stillage	Quantity
RDBB-22-65	Diagonal Brace 650 X 2000	2' 1.6"	650.0 X 2000	2061.0	16.9	7.7	Rack	125
RDBB-24-73	Diagonal Brace 732 X 2000	2' 4.8"	732.0 X 2000	2082.0	17.2	7.8	Rack	125
RDBB-211	Diagonal Brace 880 X 2000	2' 1"	880.0 X 2000	2128.0	17.2	7.8	Rack	125
RDBB-30	Diagonal Brace 914 X 2000	3'	914.4 X 2000	2140.0	17.2	7.8	Rack	125
RDBB-36	Diagonal Brace 1067 X 2000	3'6"	1067.0 X 2000	2199.0	17.5	8.0	Rack	125
RDBB-36S	Diagonal Brace 1088 X 2000	3' 6.8"	1088.0 X 2000	2208.0	17.6	8.0	Rack	125
RDBB-310S	Diagonal Brace 1150 X 2000	3'10"	1150.0 X 2000	2235.0	19.4	8.8	Rack	125
RDBB-40	Diagonal Brace 1219 X 2000	4'	1219.2 X 2000	2266.0	17.9	8.1	Rack	125
RDBB-43	Diagonal Brace 1286 X 2000	4'3"	1286.0 X 2000	2298.6	18.5	8.4	Rack	125
RDBB-47	Diagonal Brace 1400 X 2000	4'7"	1400.0 X 2000	2357.0	18.7	8.5	Rack	125
RDBB-50	Diagonal Brace 1524 X 2000	5'	1524.0 X 2000	2425.0	18.7	8.5	Rack	125
RDBB-52	Diagonal Brace 1572 X 2000	5'2"	1572.0 X 2000	2452.0	18.9	8.6	Rack	125
RDBB-60	Diagonal Brace 1829 X 2000	6'	1829.0 X 2000	2609.0	19.9	9.1	Rack	125
RDBB-69	Diagonal Brace 2072 X 2000	6'9"	2072.0 X 2000	2772.0	21.0	9.6	Rack	125
RDBB-70	Diagonal Brace 2133 X 2000	7'	2133.0 X 2000	2815.0	21.0	9.6	Rack	125
RDBB-80	Diagonal Brace 2438 X 2000	8'	2438.0 X 2000	3037.0	22.2	10.1	Rack	125
RDBB-82	Diagonal Brace 2500 X 2000	8'2"	2500.0 X 2000	3084.0	22.2	10.1	Rack	125
RDBB-86	Diagonal Brace 2572 X 2000	8'6"	2572.0 X 2000	3139.0	24.2	11.0	Rack	125
RDBB-90	Diagonal Brace 2743 X 2000	9'	2743.0 X 2000	3272.0	24.2	11.0	Rack	125
RDBB-910	Diagonal Brace 3000 X 2000	9'10"	3000.0 X 2000	3479.0	26.8	12.2	Rack	125
RDBB-100	Diagonal Brace 3048 X 2000	10'	3048.0 X 2000	3519.0	25.3	11.5	Rack	125

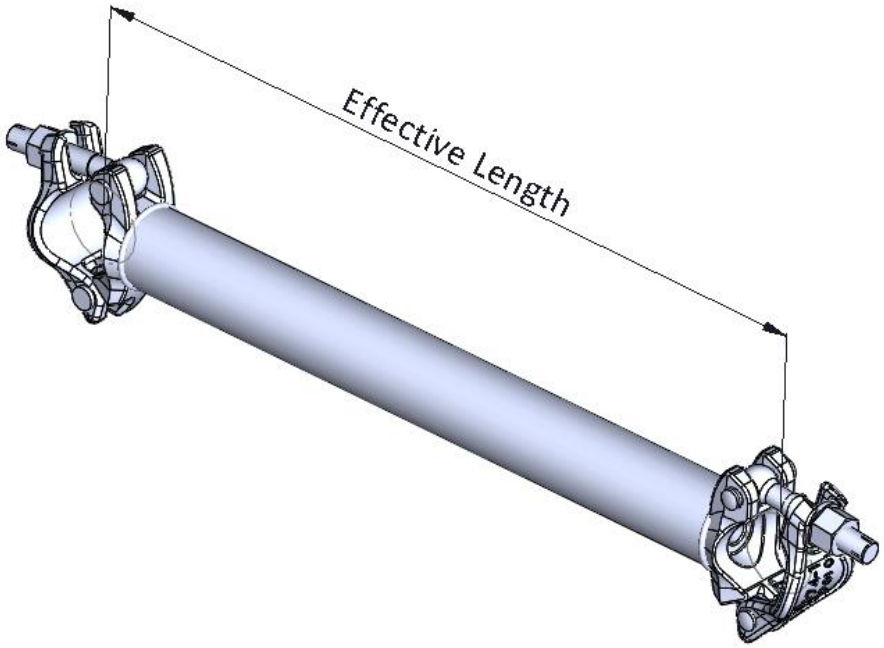
DIAGONAL BRACE 1.0M HEIGHT

Product Code	Description	"A" in Ft-In	Bay Size (AXB) in MM	Eff. Length in MM	Weight		Packing	
					Lbs	Kg	Stillage	Quantity
RDBB-50X10	Diagonal Brace 1524.0 X 1000	5'	1524 X 1000	1697.0	15.2	6.9	Rack	125
RDBB-52X10	Diagonal Brace 1572.0 X 1000	5'2"	1572 X 1000	1736.0	15.4	7.0	Rack	125

VERTICAL MID-TRANSOM

The Vertical Mid-transom is positioned between two ledgers that are 19.7” (0.5 meters) apart. The Vertical Mid-transom is typically installed at the mid-point and is used to provide additional support to the ledger.

Material: High Strength Steel **Finish:** HDG



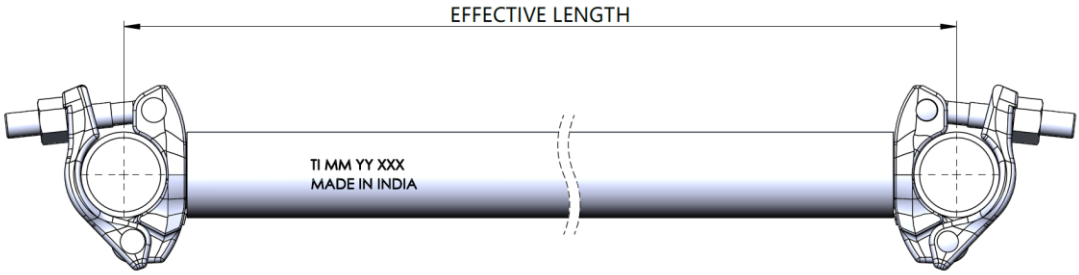
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

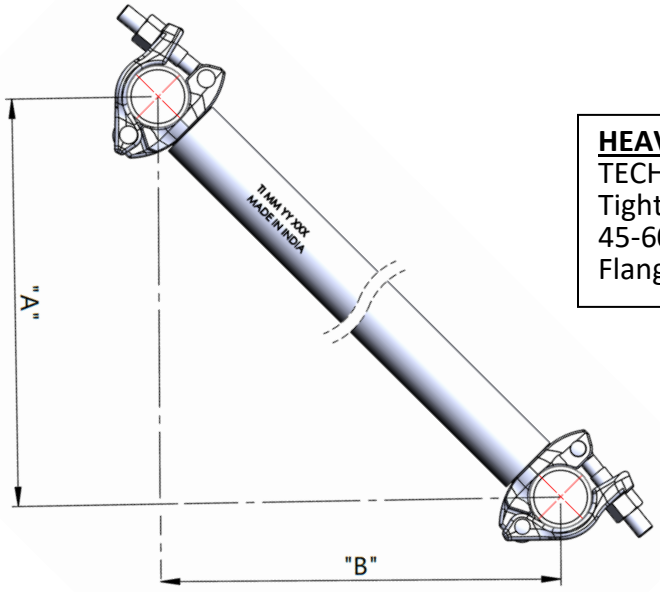
Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	in mm	Lbs	Kg	Stillage	Quantity
VMT-05	Vertical Mid-Transom	1' 7.7"	500.0	7.4	3.4	Basket	200

UNIVERSAL PLAN BRACE

The plan brace are used to provide extra support to the two vertical standard, this is position on the plan view of the scaffold bay.

Material: High Strength Steel **Finish:** HDG





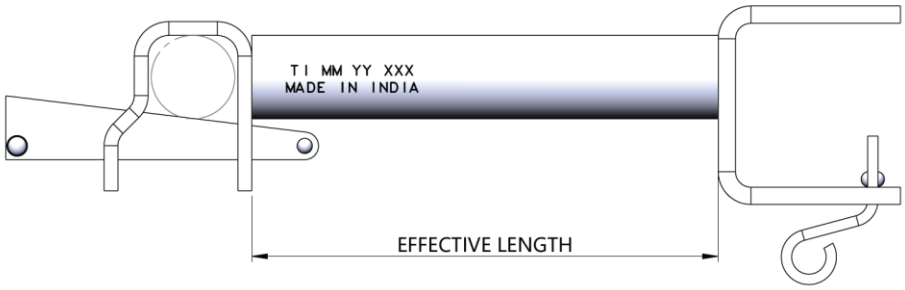
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

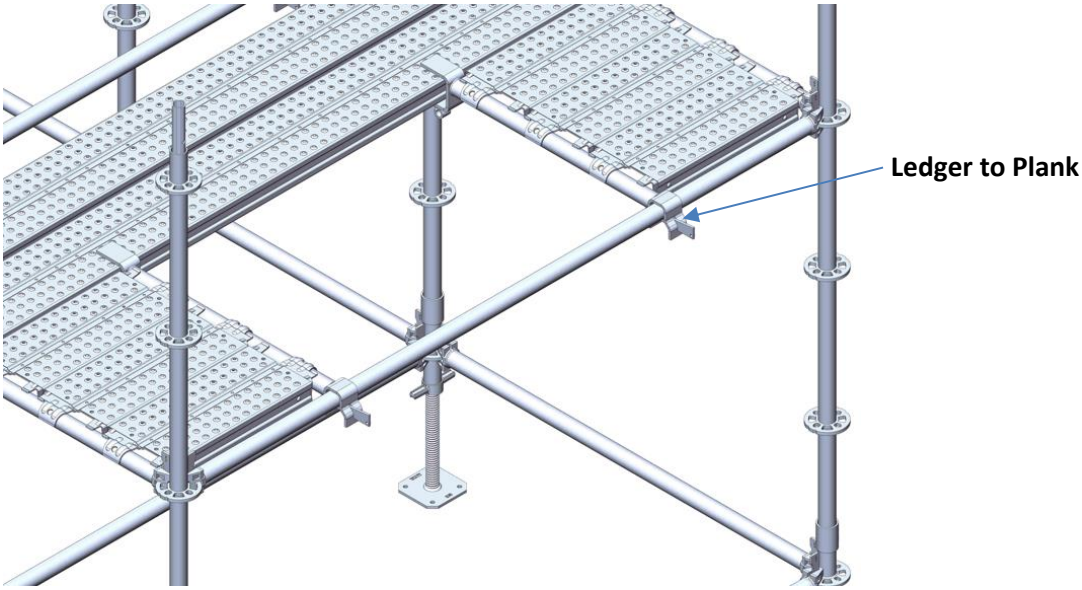
Product Code	Description	Bay Size (AXB) Ft-Inch	Bay Size (AXB) mm	Eff. Length in mm	Weight		Packing	
					Lbs	Kg	Stillage	Quantity
UPB-54	Universal Plan Brace	5' x 4'	1524.0 x 1219.2	1951.7	15.6	7.1	Rack	125
UPB-55	Universal Plan Brace	5' x 5'	1524.0 x 1524.0	2155.3	16.9	7.7	Rack	125
UPB-57	Universal Plan Brace	5' x 7'	1524.0 x 2133.6	2622.0	19.8	9.0	Rack	125
UPB-58	Universal Plan Brace	5' x 8'	1524.0 x 2438.4	2875.5	21.3	9.7	Rack	125
UPB-52-4	Universal Plan Brace	5'2" x 4'	1572.0 x 1219.2	1989.4	16.1	7.3	Rack	125
UPB-52-52	Universal Plan Brace	5'2" x 5'2"	1572.0 x 1572.0	2223.1	17.4	7.9	Rack	125
UPB-52-8	Universal Plan Brace	5'2" x 8'	1572.0 x 2438.4	2901.2	21.8	9.9	Rack	125
UPB-60-60	Universal Plan Brace	6' x 6'	1829.0 x 1829.0	2586.3	20.0	9.1	Rack	125

LEDGER TO PLANK TRANSOM

Ledger to plank is used to accommodate planks & walkways creating space in between the bays of scaffold. The one end of the transom is fitted to the horizontal ledger and other one is attached to the plank as shown.

Material: High Strength Steel **Finish:** HDG



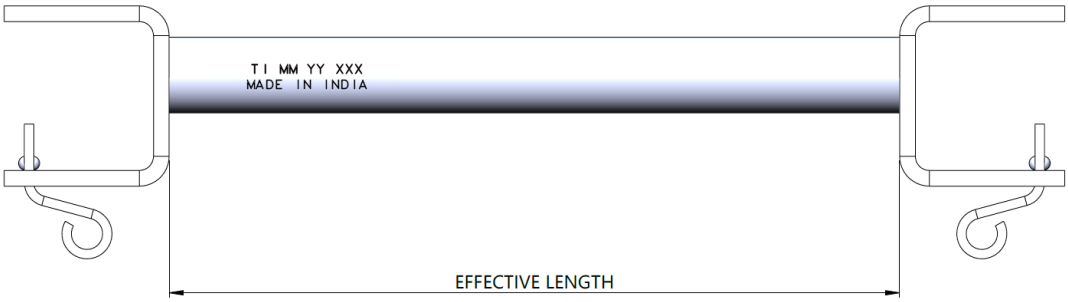


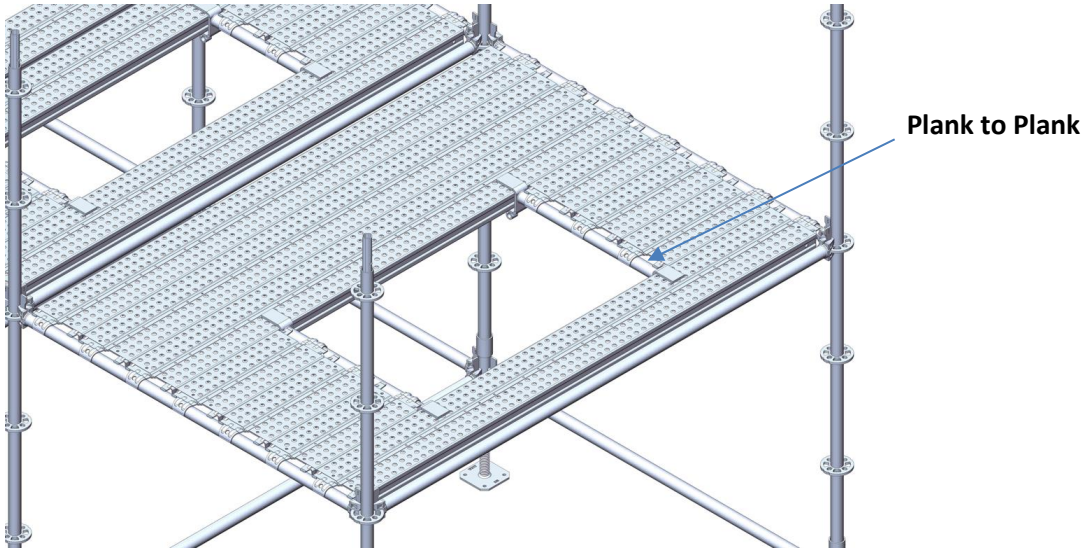
Product Code	Description	Effective Length		Weight		Packing	
		Inch	mm	Lbs	Kg	Stillage	Quantity
SPSITHP1	Ledger To Plank One Board	10.6"	270.0	7.7	3.5		
SPSITHP2	Ledger To Plank Two Board	20"	510.0	9.5	4.3		
SPSITHP3	Ledger To Plank Three Board	29.5"	750.0	11.4	5.2		

PLANK TO PLANK TRANSOM

Plank to plank is used to accommodate planks & walkways creating space in between the bays of scaffold. Both the ends of the transom is attached to the planks.

Material: High Strength Steel **Finish:** HDG



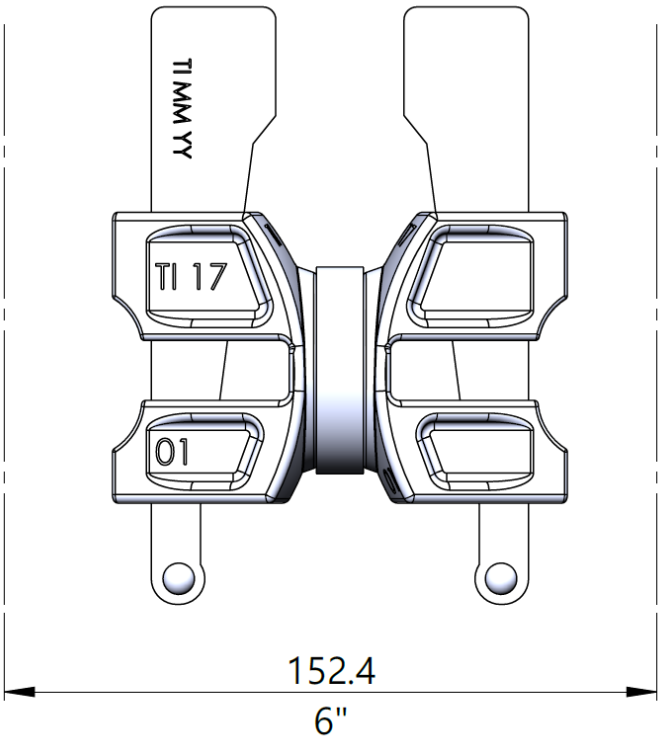


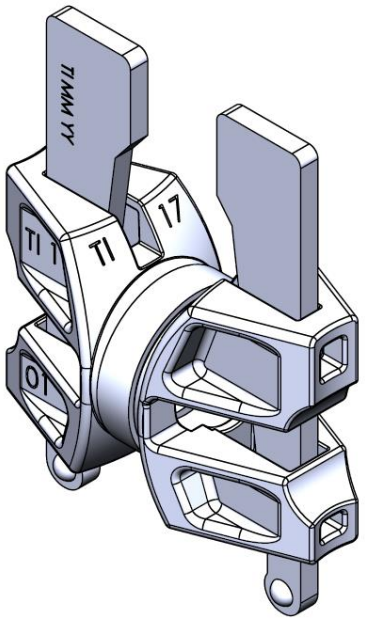
Product Code	Description	Effective Length		Weight		Packing	
		Inch	mm	Lbs	Kg	Stillage	Quantity
SPSITPP1	Plank To Plank Transom - One Board	8.9"	227.0	8.3	3.8		
SPSITPP2	Plank To Plank Transom - Two Board	18.4"	467.0	10.2	4.6		
SPSITPP3	Plank To Plank Transom - Three Board	27.8"	707.0	12.0	5.5		

TWIN WEDGE

The twin wedge are used to align to vertical standard close to each other (6”). This are commonly used in the scaffolding system where construction site has sharp radius or circular in the shape.

Material: Structural steel **Finish:** HDG



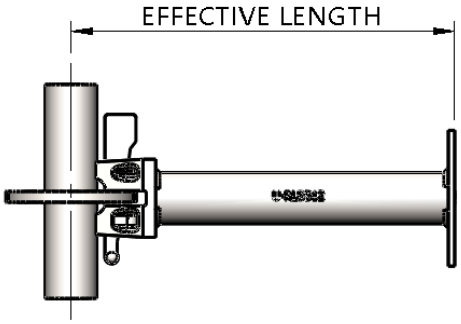


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
RL06-152	Twin Wedge	6"	152.4	2.4	1.1		

BOARD BRACKETS / SIDE BRACKETS

Board brackets are used to extend the work platform closer to the structure when an obstruction prevents the scaffold from being built next to the structure.

Material: High Strength Steel **Finish:** HDG



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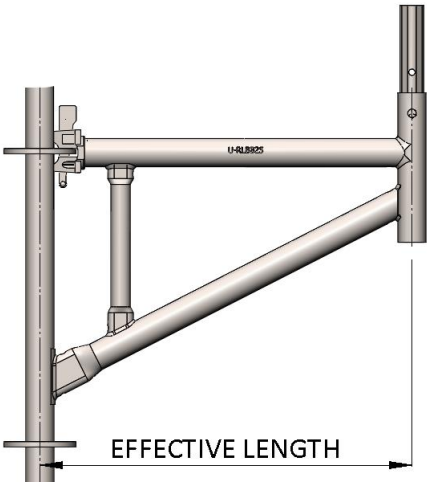
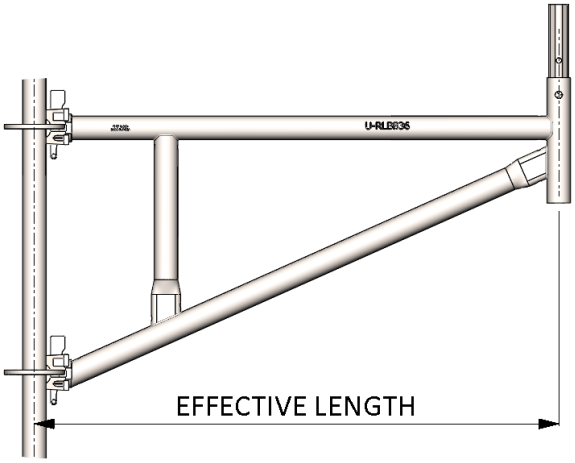


U-RLBB20
U-RLBB22-65
U-RLBB24-73



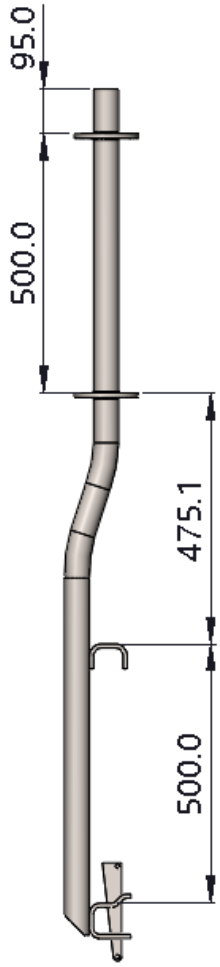
U-RLBB211
U-RLBB30
U-RLBB36/36S
U-RLBB310S

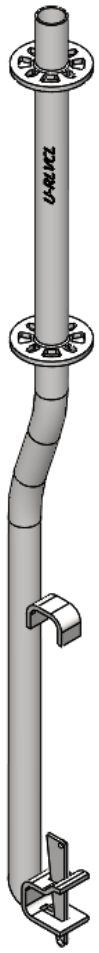
Product Code	Description	Steel plank	Effective Length		Weight		Packing	
			Ft-Inch	mm	Lbs	Kg	Stillage	Quantity
U-RLBB12	One Board Bracket 12”	1 SSP/SSP-C	12"	355.0	4.4	2.0	Basket	500
U-RLBB20	Two Board Bracket-24"	2 SSP/SSP-C	24”	610.0	17.0	7.7	Rack	50
U-RLBB22-65	Two Board Bracket-2'2"	2 SSP/SSP-C	2’2”	650.0	17.9	8.1	Rack	50
U-RLBB24-73	Two Board Bracket-2'4"	2 SSP/SSP-C	2’4”	732.0	20.2	9.2	Rack	50
U-RLBB211	Three Board Bracket-2'11"	3 SSP/SSP-C	2’11”	880.0	24.4	11.1	Rack	50
U-RLBB30	Three Board Bracket-36"	3 SSP/SSP-C	36”	914.0	23.8	10.8	Rack	25
U-RLBB36	Four Board Bracket-42"	4 SSP/SSP-C	42”	1067.0	26.2	11.9	Rack	25
U-RLBB36S	Four Board Bracket-3'6.8"	4 SSP/SSP-C	3'6.8"	1088.0	25.7	11.7	Rack	25
U-RLBB310S	Four Board Bracket-3'10"	4 SSP/SSP-C	3’10”	1150.0	25.3	11.5	Rack	25

GUARD RAIL STANDARD

The Guardrail Standard is designed to provide a secure connection for ledgers acting as mid-rails and top-rails, typically this is when ladder access openings are required. When using the Guardrail Standard an additional ledger is required directly below the platform level.

Material: High Strength Steel **Finish:** HDG



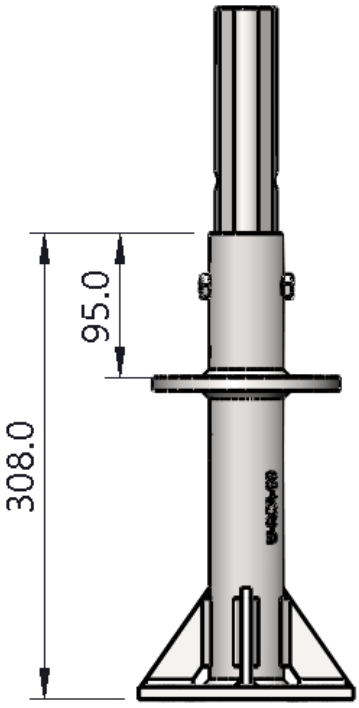


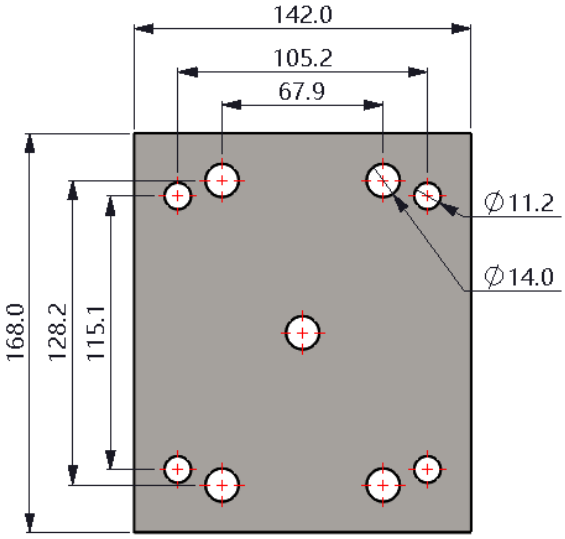
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
U-RLVCL	Guard Rail Standard	18.3	8.3	Rack	70

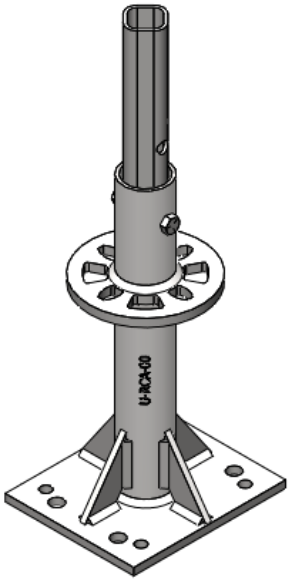
CASTER ADAPTER

The Caster Adapter is designed to provide a base for connection when building a rolling tower. The Caster Adapter is designed to work with the 12” Caster (CR12) and the integrated rosette allows for squaring the base.

Material: Structural steel **Finish:** HDG





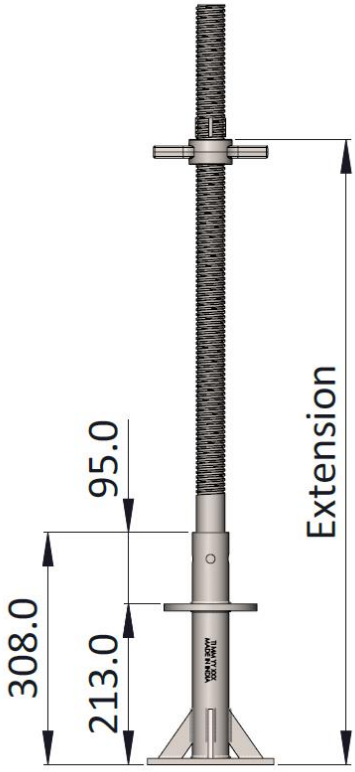


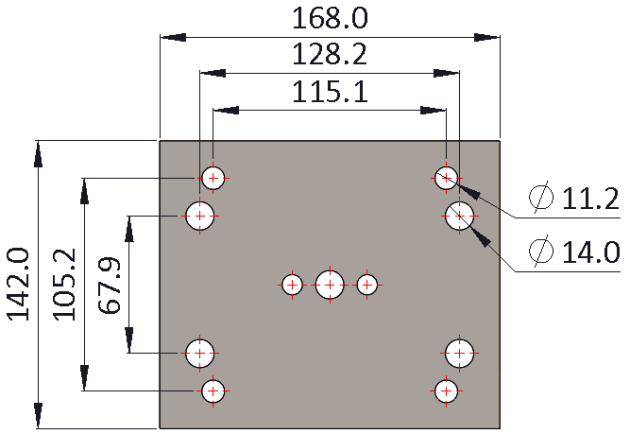
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
U-RCA	Caster Adapter	9.5	4.3	Basket	100

ADJUSTABLE CASTER ADAPTER

The Caster Adapter is designed to provide a base for connection when building a rolling tower on uneven surfaces, keeping the scaffold level and plumb. The Caster Adapter is designed to work with the 12” Caster (CR12) and the integrated rosette allows for squaring the base.

Material: High Strength Steel **Finish:** HDG



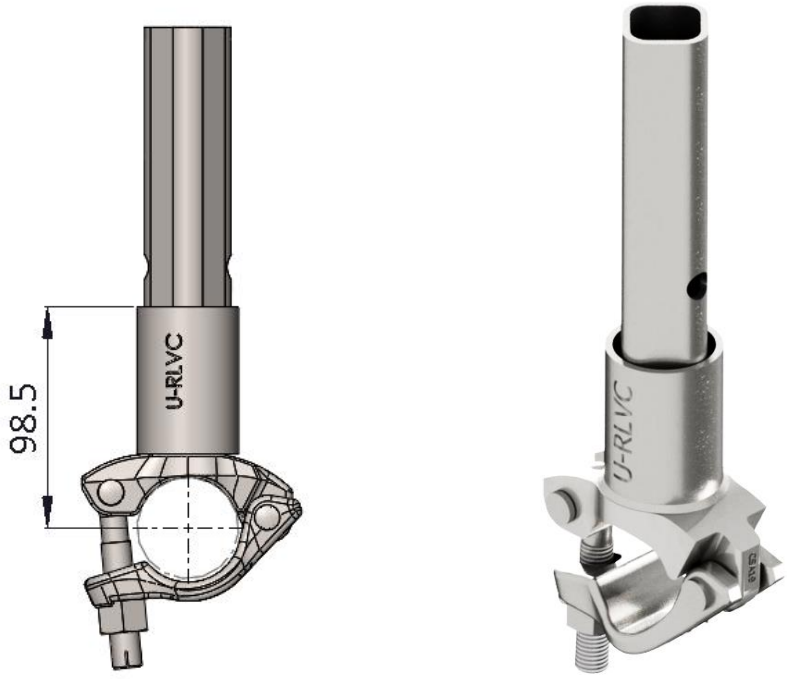


Product Code	Description	Min. Extension		Max. Extension		Weight		Packing	
		Inch	MM	Inch	MM	Lbs	Kg	Stillage	Quantity
U-RACA	Adjustable Caster Adapter	15.4"	391.0	33.8"	858.0	15.7	7.1	Rack	50
U-RACA-80	Adjustable Caster Adapter	14.6"	371.0	25.9"	658.0	14.3	6.5	Rack	50

CLAMP ON SPIGOT

The Clamp on Spigot allows for the connection of Ring Lock Standards at intermediate positions along a ledger, truss, or lattice girder.

Material: High Strength Steel **Finish:** HDG



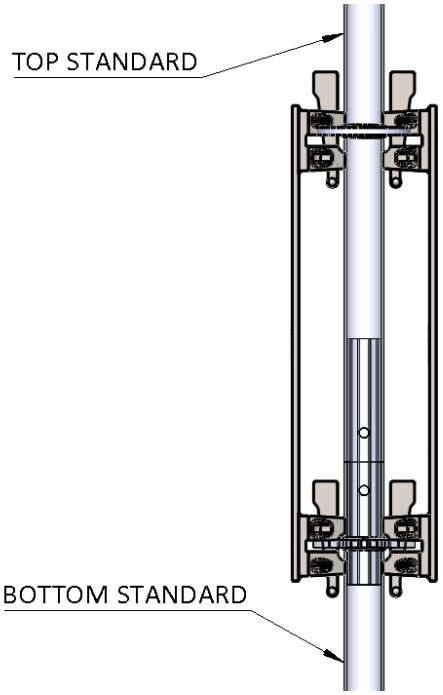
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
U-RLVC	Clamp On Spigot	3.9	1.8	Basket	250

SUSPENDED BRACKET

The suspended bracket is designed to provide additional support to the connection of two vertical members. This is typically used in applications where the scaffold is suspended. **ALWAYS USE THE SUSPENDED BRACKET IN PAIRS!**

Material: Structural steel **Finish:** HDG

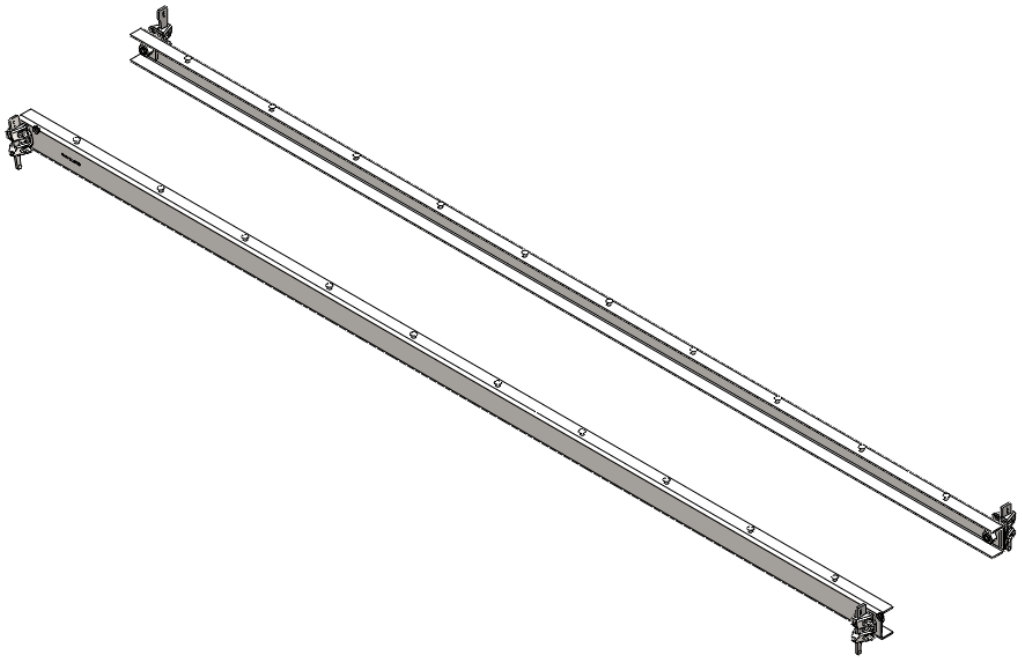


Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
U-RLSB	Suspended Bracket	6.5	3.0	Rack	250

STAIR STRINGER

The steel stair stringer is the diagonal member that provides connection points for the stair treads. The stringers are designed for a 6’ 6” (2-meter) vertical lift and must always be used in pairs.

Material: Structural steel **Finish:** HDG

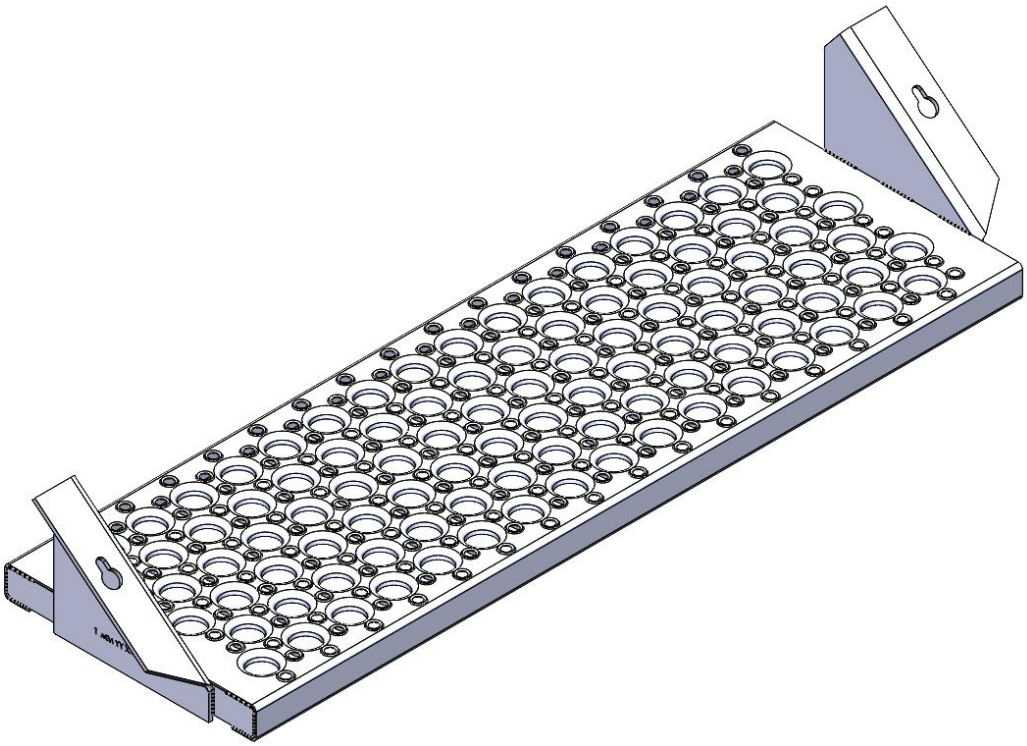


Product Code	Description	Bay (Width X Height)		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
ARL-SSRH-70	Stair Stringer RH 7’	7’ X 6’6”	2133 X 2000	36.7	16.7	Rack	100
ARL-SSLH-70	Stair Stringer LH 7’	7’ X 6’6”	2133 X 2000	36.7	16.7	Rack	100
ARL-SSRH-80	Stair Stringer RH 8’	8’ X 6’6”	2438 X 2000	46.2	21.0	Rack	100
ARL-SSLH-80	Stair Stringer LH 8’	8’ X 6’6”	2438X 2000	46.2	21.0	Rack	100

STAIR TREAD

Stair treads are used with the stair stringers as the horizontal members that form the steps of the staircase.

Material: Structural steel **Finish:** HDG

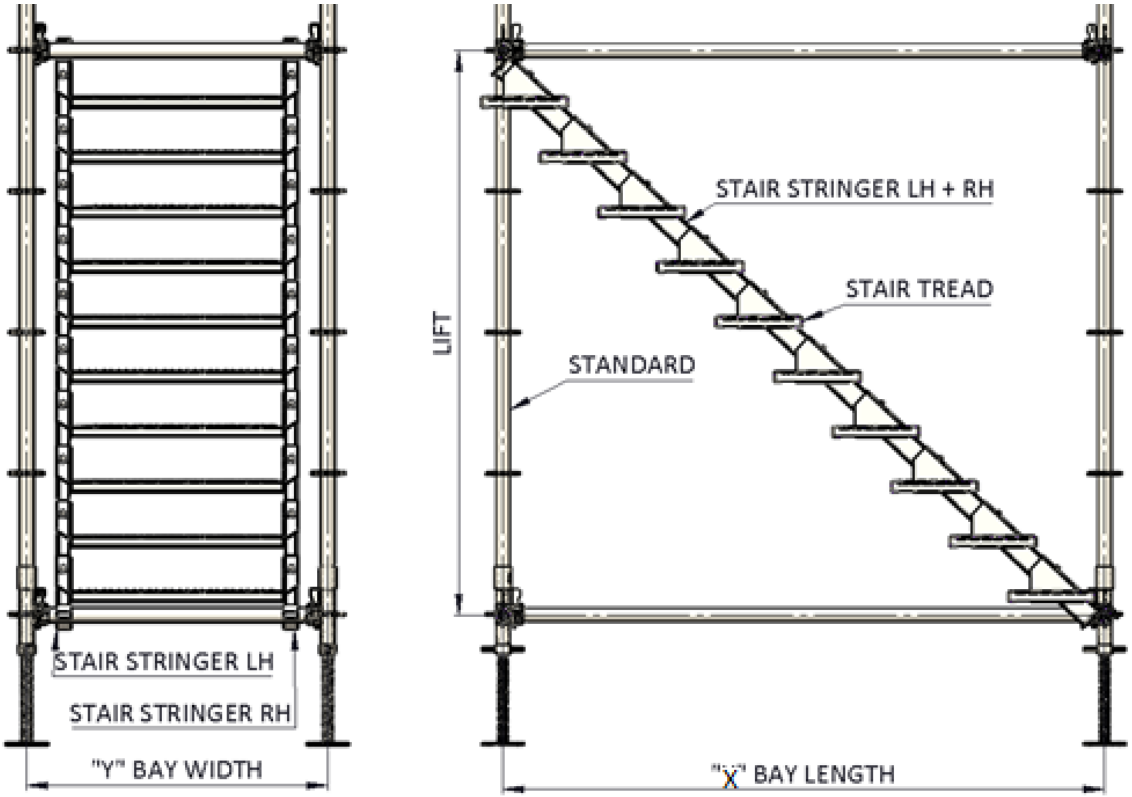


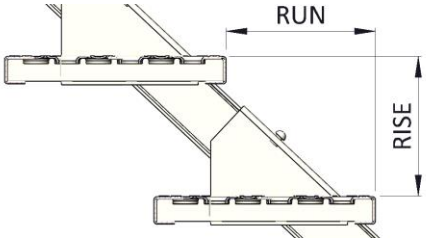
Product Code	Description	Bay (Length X Width) Feet. Inch	No. of Stair Treads / Stair Unit	Weight		Packing	
				Lbs	Kg	Stillage	Quantity
ARL-ST36-70	Stair Tread 7' X 3'6"	7' X 3'6"	10 NOS.	19.6	8.9	Rack	50
ARL-ST40-80	Stair Tread 8' X 4'0"	8' X 4'0"	10 NOS.	22.6	10.3	Rack	50

UNIVERSAL STAIR SYSTEM

The Universal Stair System consists of a left and right stair stringer that hook directly onto horizontal members and stair treads that attach to the stringers. The Universal Stair System can be used with any modular scaffold system that allows for 2-meter lifts and the designed bay length.

Material: Structural steel **Finish:** HDG





UNIVERSAL STAIR SYSTEM (STEEL) 8' x 4' WIDE FOR 2M LIFT (RISE 194.7mm & RUN 237.4mm)

Product Code	Description	`X' BAY LENGTH	`Y' BAY WIDTH	Weight		Packing	
				Lbs	Kg	Stillage	Quantity
U-SSLH-80	Universal Stair Stringer 8'- LH	8' / 2.44m	4' / 1.22m	37.6	17.1	Rack	100
U-SSRH-80	Universal Stair Stringer 8'- RH	8' / 2.44m	4' / 1.22m	37.6	17.1	Rack	100
U-ST40-80	Stair Tread - 4' Wide	8' / 2.44m	4' / 1.22m	23.8	10.8	Rack	50

UNIVERSAL STAIR SYSTEM (STEEL) 7' x 3'6" WIDE FOR 2M LIFT (RISE 194.7mm & RUN 207.6mm)

Product Code	Description	`X' BAY LENGTH	`Y' BAY WIDTH	Weight		Packing	
				Lbs	Kg	Stillage	Quantity
U-SSLH-70	Universal Stair Stringer 7'- LH	7' / 2.13m	3'6" / 1.07m	35.2	16.0	Rack	100
U-SSRH-70	Universal Stair Stringer 7'- RH	7' / 2.13m	3'6" / 1.07m	35.2	16.0	Rack	100
U-ST-36-70	Stair Tread - 3'6" Wide	7' / 2.13m	3'6" / 1.07m	20.7	9.4	Rack	50

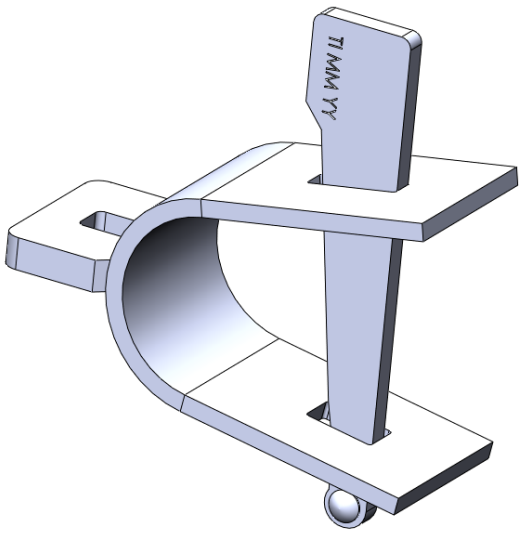
UNIVERSAL STAIR SYSTEM (STEEL) 4' x 4' WIDE FOR 1M LIFT (RISE 190mm & RUN 232.1mm)

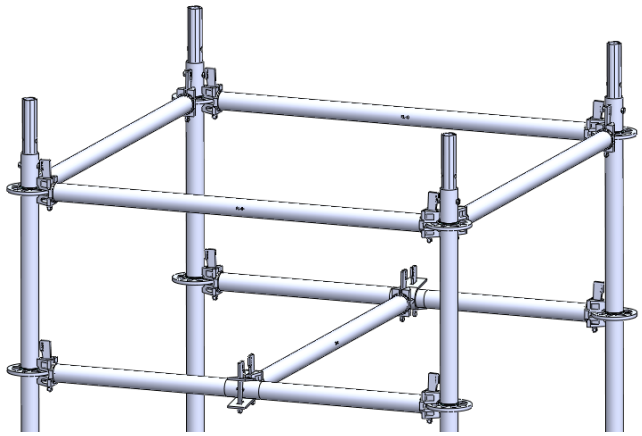
Product Code	Description	`X'	`Y'	Weight		Packing	
		BAY LENGTH	BAY WIDTH	Lbs	Kg	Stillage	Quantity
U-SSLH-40	Universal Stair Stringer 4'- LH	4' / 1.22m	4' / 1.22m	19.8	9.0	Rack	100
U-SSRH-40	Universal Stair Stringer 4'- RH	4' / 1.22m	4' / 1.22m	19.8	9.0	Rack	100
U-ST40-80	Stair Tread - 4' Wide	4' / 1.22m	4' / 1.22m	23.8	10.8	Rack	50

INTERMEDIATE TRANSOM CLAMP- WEDGE TYPE

Intermediate Transom Clamp are designed to create a transom at the deck level anywhere inside of the bay straddling the outer ledgers of the bay.

Material: Structural steel **Finish:** HDG



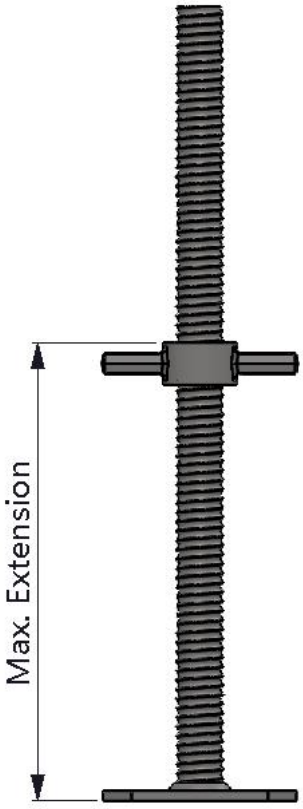


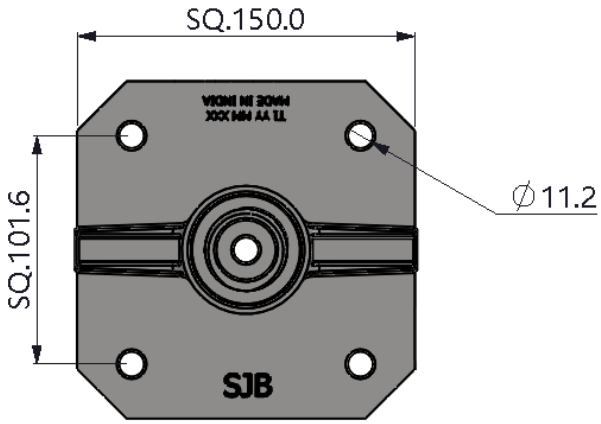
Product Code	Description	Size Range	Weight		Packing	
			Lbs	Kg	Stillage	Quantity
RL-ITC	Intermediate Transom Clamp-Wedge Type	Ø48.3	1.39	0.63	Basket	500

SYSTEM BASE JACK (SCREW JACK)

The Base Jack is used as a starting base for a scaffold. The vertical adjustment of the nut allows for the scaffold to be level and plumb on uneven surfaces.

Material: High Strength Steel **Finish:** HDG





Product Code	Description	Max. Extension		Weight		Packing	
		Inches	mm	Lbs	Kg	Stillage	Quantity
BPSJB	21" System Base Jack	15"	380	9.0	4.1	Rack	200
SJB	24" System Base Jack	18"	450	9.1	4.2	Rack	200

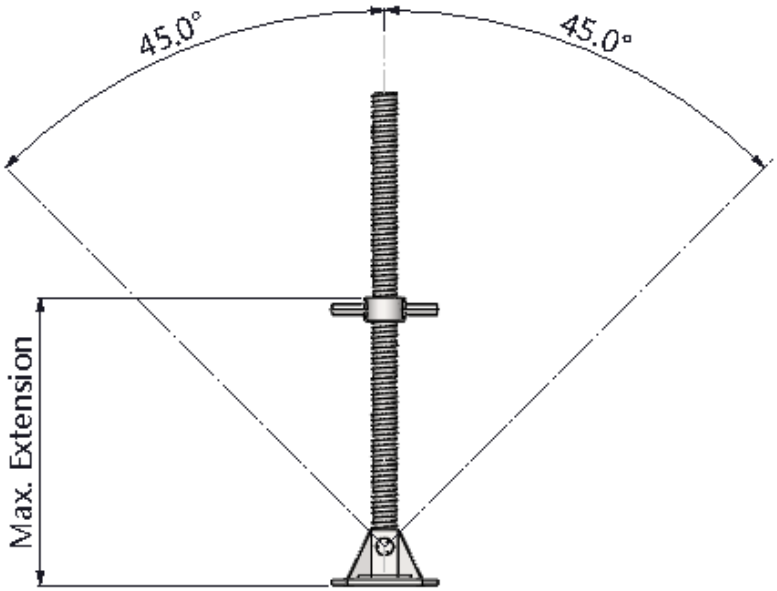
SWIVEL BASE JACK

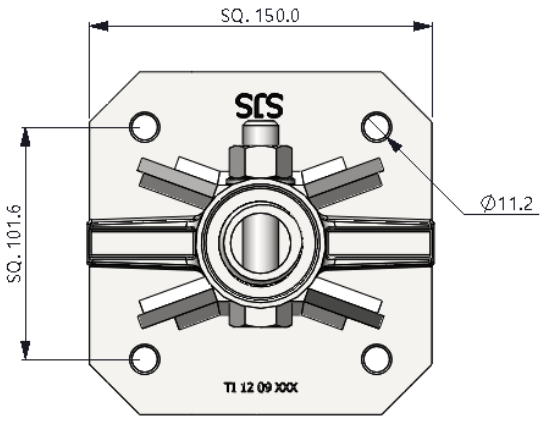
The Base Jack is used as a starting base for a scaffold. The vertical adjustment of the nut allows for the scaffold to be level and plumb on uneven and sloped surfaces.

Material: High Strength Steel

Finish: Zinc plated / HDG

Max. Recommended Swivel +/-45° from vertical line



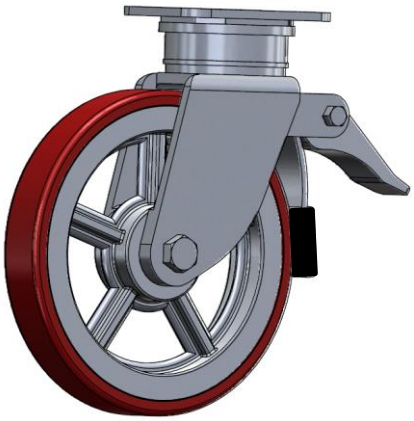


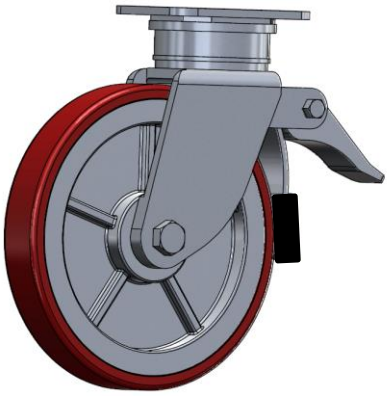
Product Code	Description	Max. Extension		Weight		Packing	
		Inches	mm	Lbs	Kg	Stillage	Quantity
SJS	Ø36.5 Swivel Base Jack (Ø1.43")	18"	450.0	11.2	5.1	Rack	200
BPSJS	Ø38.0 Swivel Base Jack (Ø1.5")	15"	380.0	9.7	4.4	Rack	200

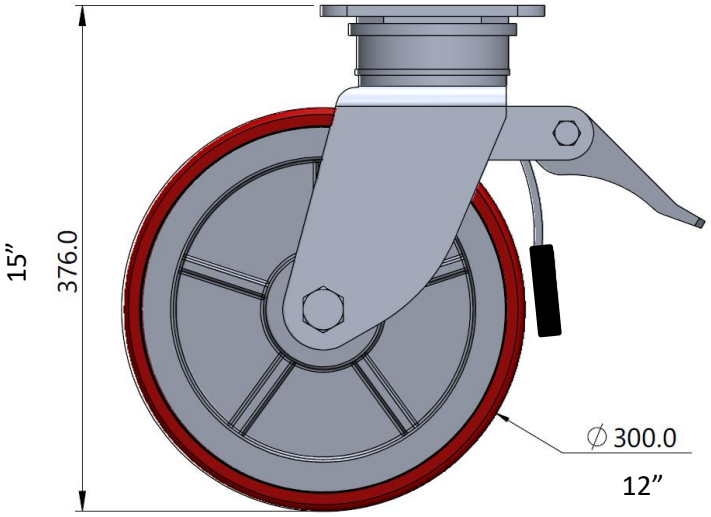
12 INCH CASTER

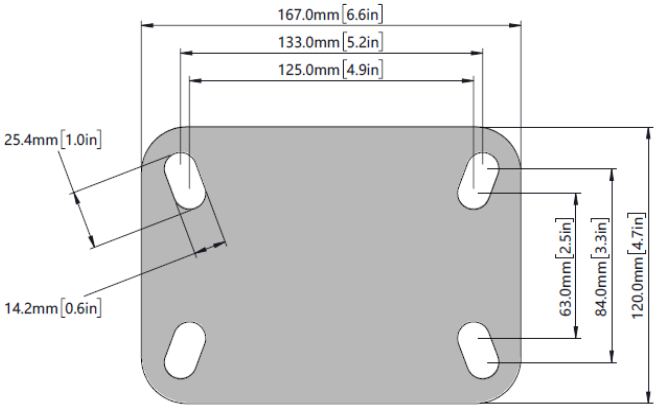
The 12” Caster is designed to work with the fixed (**U-RCA**) or the adjustable caster adapter (**U-RACA**). A scaffolding structure can be built when attached to the caster adapter; this rolling structure can be moved across a flat surface.

Material: Cast Steel Hub/Polyurethane Tread **Finish:** EP/Paint









Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
CR12-H	12" Caster Wheel (Solid)	40.9	18.6	Basket	40
CR12	12" Caster Wheel (Hollow)	33.7	15.3	Basket	40

UNIVERSAL DAVIT ARM

The Universal Davit Arm is designed to work with a Gin Wheel to lift light loads or serve as a tie-off point for fall protection.

Material: High Strength Steel **Finish:** HDG

HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

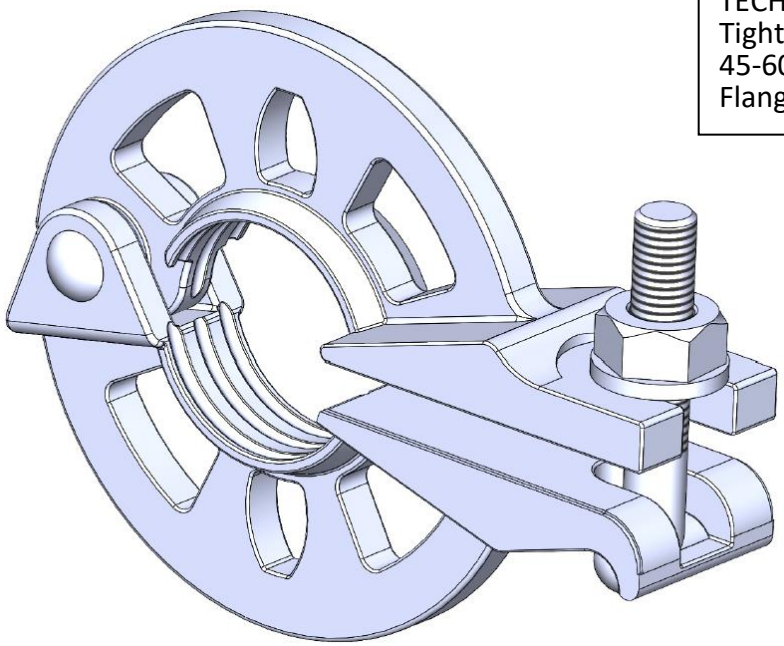
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
UDA	Universal Davit Arm	28.1	12.8	Rack	20

ROSETTE CLAMP (BOLT STYLE)

The Rosette Clamp allows for the connection of ledgers or diagonals anywhere along the length of the standard. Rosette clamps are not intended to be used to create loading platforms; they should be used for guardrails and positioning light-duty platforms at intermediate heights. The 22 mm nut will work with a standard scaffold spanner.

Material: Cast Steel **Finish:** HDG

HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

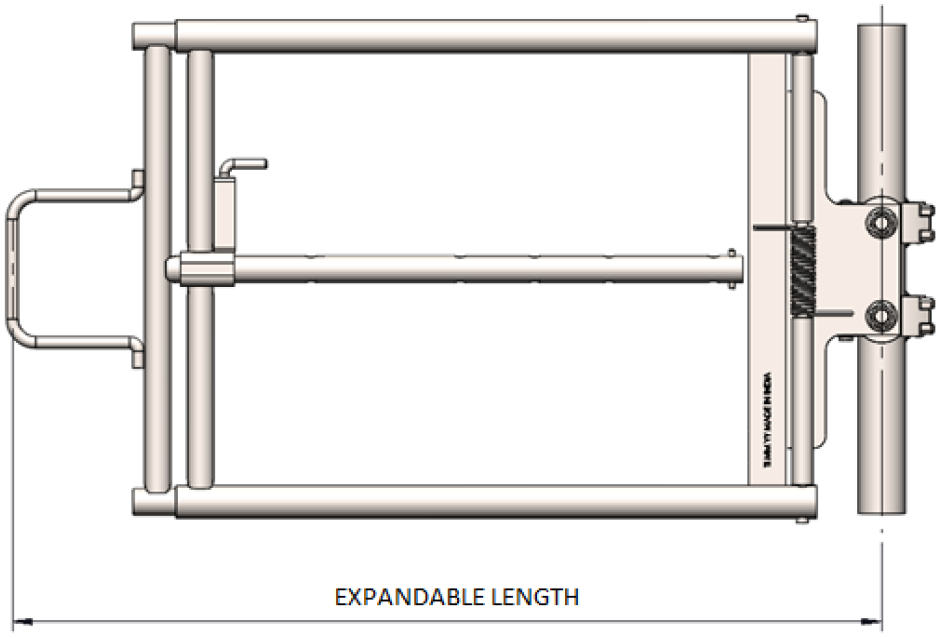


Product Code	Description	Weight		Packing	
		Lb.	Kg	Stillage	Quantity
RCLB	ROSETTE CLAMP- BOLT TYP	2.6	1.2	Basket	800

30” TO 50” EXPANDABLE GATE

Gates are designed to provide fall protection at the access points of the work deck. The self-closing Adjustable Gate will provide an access barrier for openings from 30” to 50”.

Material: Structural steel. **Finish:** HDG



HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCDARFT Recommends Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Hex Nut Size: 22.0 mm A/F

Product Code	Description	Max. Expandable Length in inch	Min. Expandable Length in inch	Weight		Packing	
				Lbs	Kg	Stillage	Quantity
EGRG-26-43	30" to 50" Exapandble Gate	4’6”	2’9”	27.0	12.3	Rack	50

RING

The Ring provides a connection point for horizontal and diagonal members of Ringlock system when welded to a vertical tube.

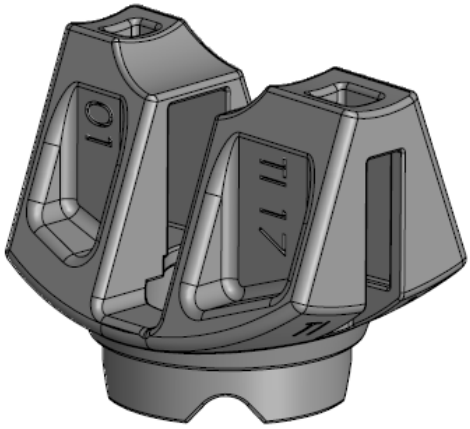
Material: Structural steel. **Finish:** None

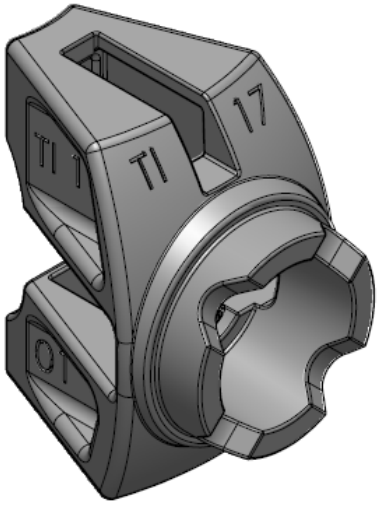
Product Code	Description	Weight	
		Lbs	Kg
TRL-R	Ring	1.14	0.52

LEDGER HEAD

The ledger head connects a Ring Lock horizontal member to the Ring Lock vertical.

Material: Cast steel **Finish:** None



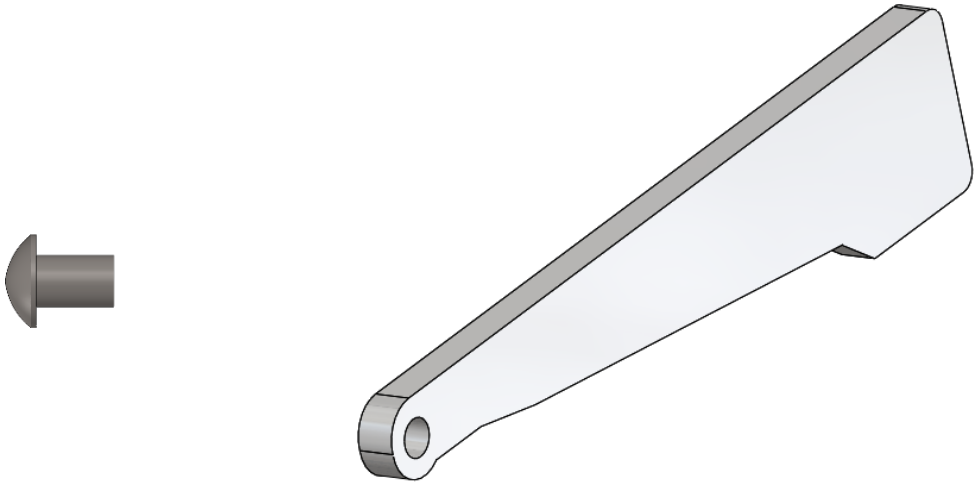


Product Code	Description	Weight	
		Lb.	Kg
TRL-LH	Ledger Head	0.92	0.42

WEDGE WITH RIVET

The Wedge is used with the Leder Head to connect the Ring Lock Horizontal member to the Ring Lock Vertical.

Material: Structural Steel **Finish:** HDG

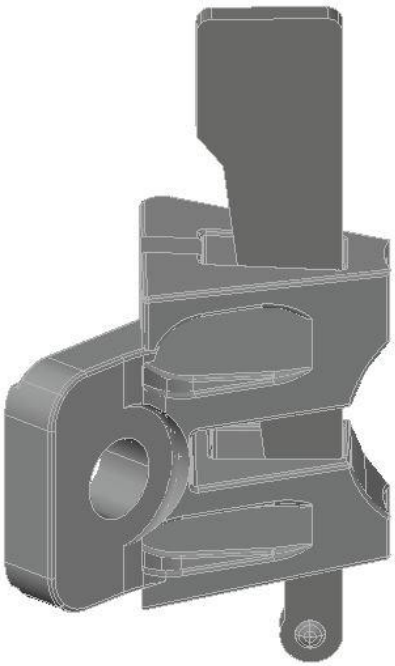


Product Code	Description	Weight	
		Lb.	Kg
TRL-W	Wedge With Rivet Blank	0.4	0.2

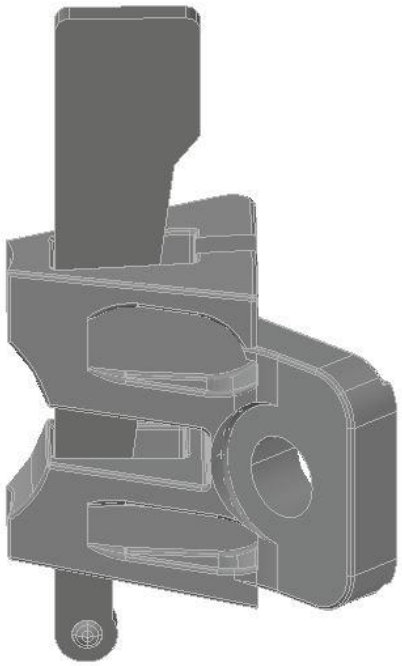
RINGLOCK BRACE HEAD WITH WEDGE

Ring Lock Left and Right Brace Heads are attached to the brace tube to connect the diagonal brace to the Ring Lock vertical using the ring welded to the vertical.

Material: Steel Casting **Finish:** None



BRACE HEAD-LH



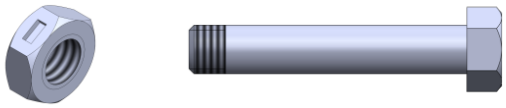
BRACE HEAD-RH

Product Code	Description	Weight	
		Lbs	Kg
TRL-BH-LH	Ringlock Brace Head-LH	1.8	0.8
TRL-BH-RH	Ringlock Brace Head-RH	1.8	0.8

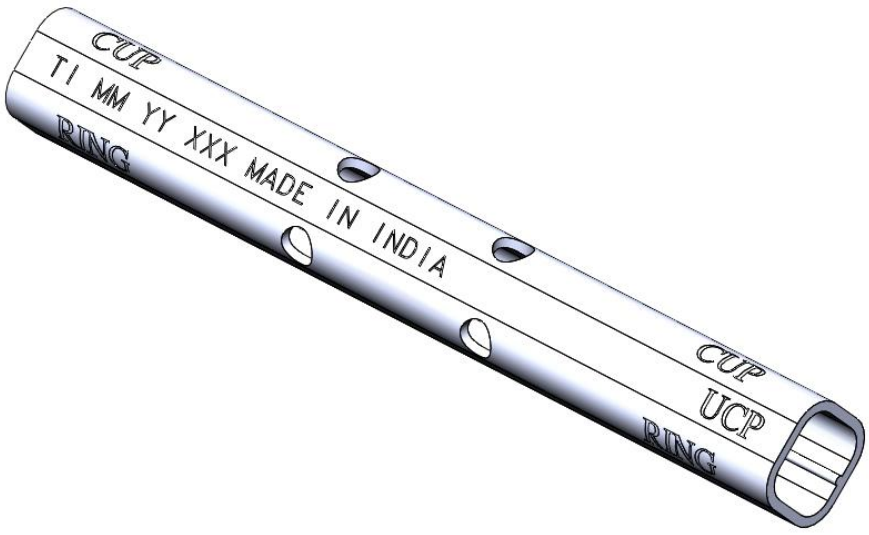
UNIVERSAL COUPLING PIN W/NUT & BOLT

The Universal Coupling Pin is designed to work with Ring Lock or Cup Lock systems. The holes in one direction will align with Ring Lock Verticals, and if rotated 90 degrees, they will align with the Cup Lock system. A bolt and nut are shipped with the coupling pin; the bolt and nut should always be replaced when replacing a coupling pin.

Material: Structural steel **Finish:** HDG



FASTNERS SUPPLY IN LOOSE CONDITION NOT ASSEMBLED CONDITION.

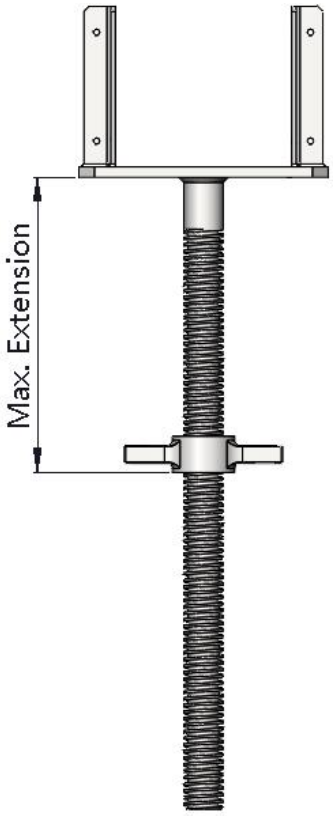


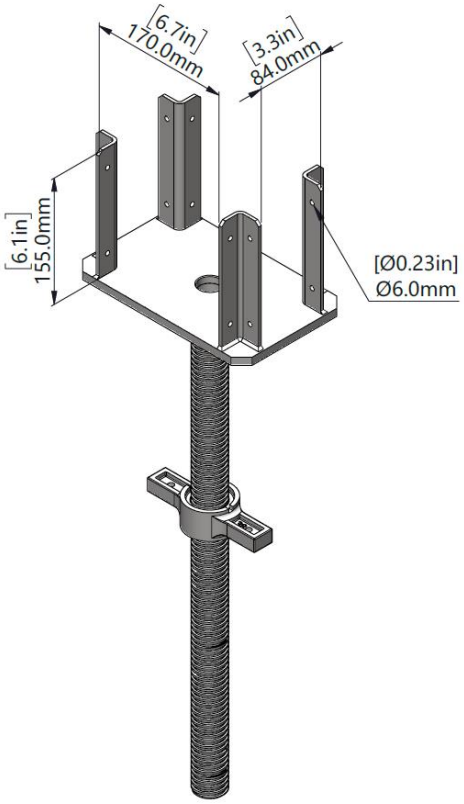
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
UCP	Universal Coupling Pin W/Nut & Bolt	1.8	0.8	Basket	1000

ADJUSTABLE FOUR WAY-HEAD

The Adjustable Four Way-Head is used to support a beam grid for various shoring applications. The Four Way-Head is designed to work with H20 beams.

Material: High Strength Steel **Finish:** HDG



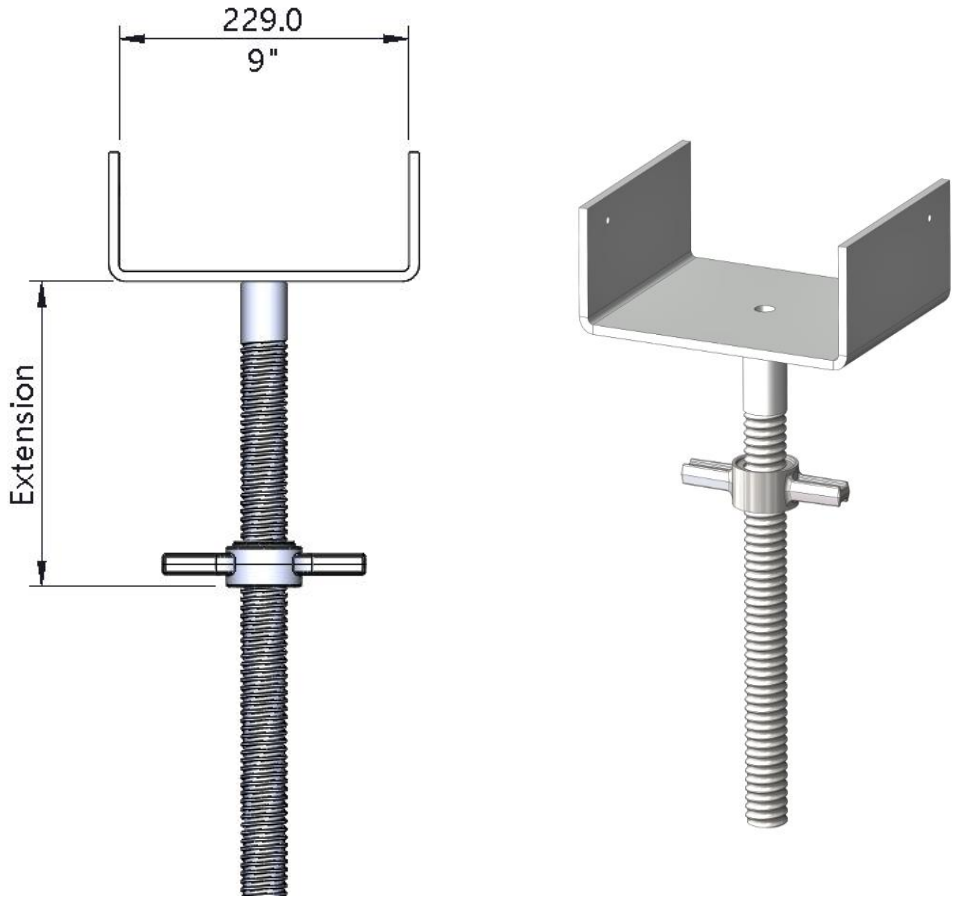


Product Code	Description	Max. Extension		Weight		Packing	
		Inches	MM	Lbs	Kg	Stillage	Quantity
SSI-TR5001	Ajustable Four Way Head	18"	450.0	14.2	6.4	Rack	50

ADJUSTABLE U-HEAD 8” X 9”

The Adjustable U-Head is a versatile part that can be used at the top or bottom of System Scaffold. The U-Shaped head is used to center the scaffold on a beam when building up off of a beam or when supporting a beam in a shoring application.

Material: Structural steel **Finish:** HDG

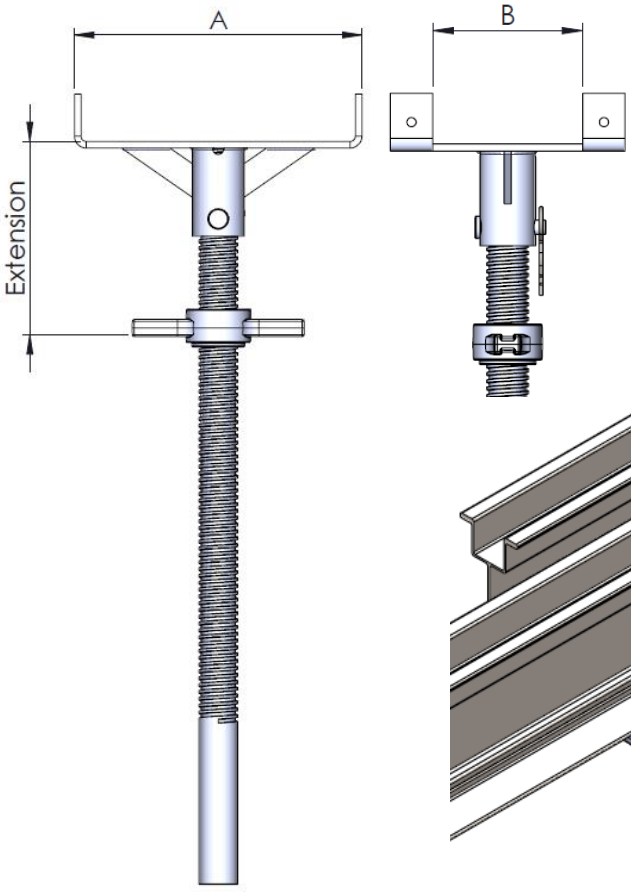


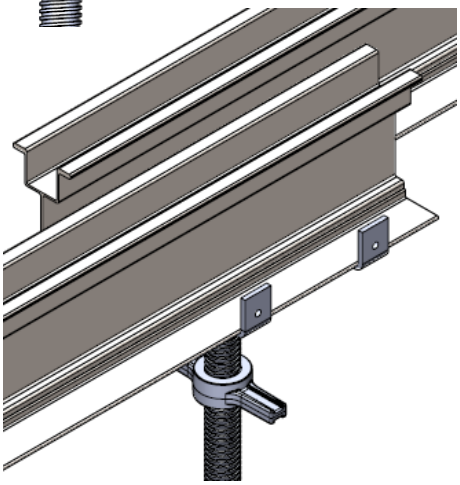
Product Code	Description	Extension		Weight		Packing	
		Inch	mm	Lbs	Kg	Stillage	Quantity
RUSJ	Adjustable U-Head 8” x 9”	17.7"	450	17.4	7.9	Rack	30

ADJUSTABLE TWO WAY U-HEAD

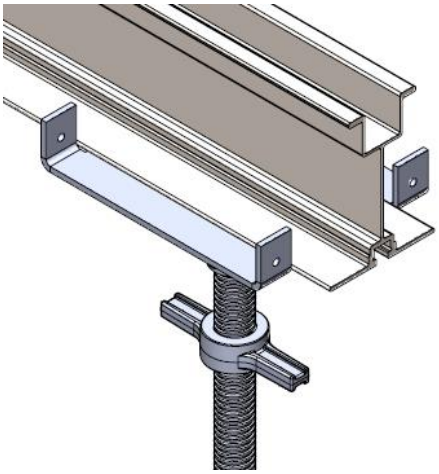
The Adjustable Two-way U-Head is a versatile part that can be used at the top or bottom. The U-Shaped head is used to centre the scaffold on a beam when building up off of a beam or when supporting a beam in a shoring application. The wide will allow two standard (Image-1) aluminium beams to bypass each other; the narrow opening is for a single beam (Image-2).

Material: Structural steel **Finish:** HDG





(Image-1)



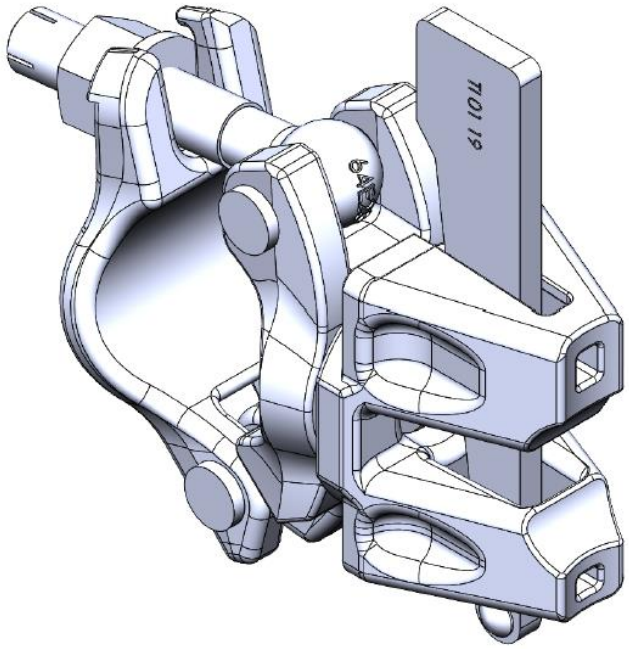
(Image-2)

Product Code	Description	Max. Extension		Size in Inch		Weight		Packing	
		Inch	mm	A	B	Lbs	Kg	Stillage	Quantity
RUSJ-SD-89	Adjustable Two Way U-Head 9"	21"	535.0	9"	4"	18.7	8.5	Rack	75
RUSJ-SD-810	Adjustable Two Way U-Head 10.5"	21"	535.0	10.5"	5"	18.9	8.6	Rack	75

RIGHT ANGLE ADAPTER CLAMP

The right angle adapter clamp is used in the tying of the tie tube perpendicular to the standard vertical of the scaffolding system. The Ledger can be wedged to the vertical standard ring.

Material: Structural steel **Finish:** Self colour



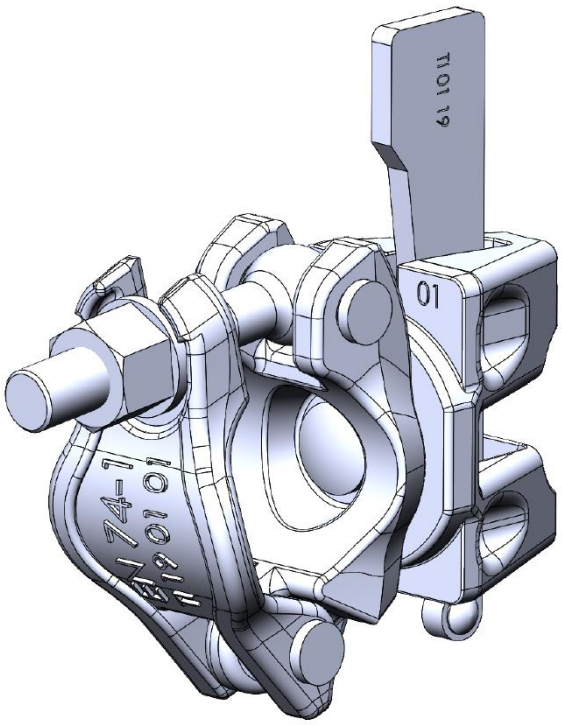
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
RAC	Right Angle Adapter Clamp	3.1	1.4		

SWIVEL ADAPTER CLAMP

The swivel adapter clamp is used in the tying of the tie tube to the standard vertical of the scaffolding system, it can be swivel at any angle with respect to the vertical standard. The Ledger can be wedged to the vertical standard ring.

Material: Structural steel **Finish:** HDG



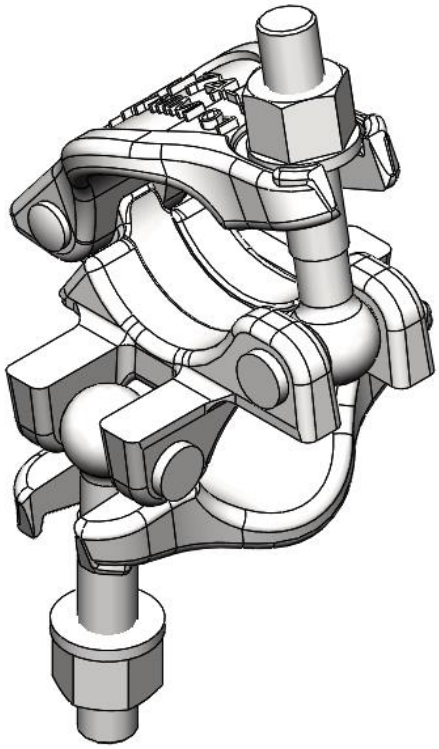
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCFART Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
SAC	Swivel Adapter Clamp	3.6	1.6		

2” X 2” RIGHT ANGLE COUPLER

Right Angle Couplers are used to clamp two tubes together to form a scaffold bay. AAIT/Technocraft Couplers are designed to work with standard system scaffold tube, 1.9” (48.3 mm) O.D. tube.

Material: Forged Steel **Finish:** EP-Clamp & HDG- Bolt & Nut



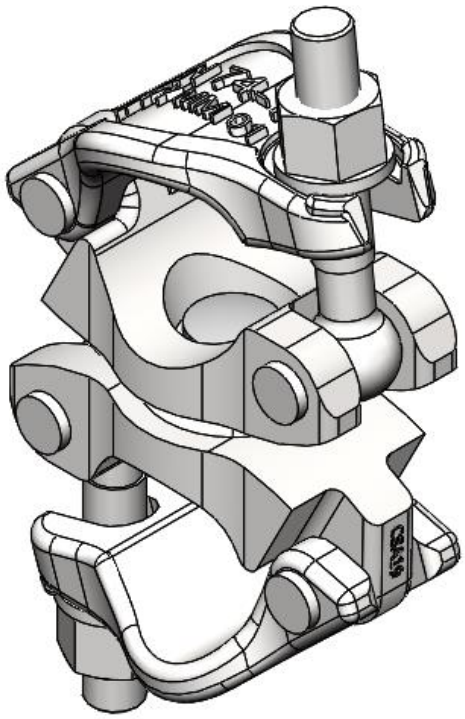
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Size		Weight		Packing	
		Inch	mm	Lbs	Kg	Stillage	Quantity
CRA19	2" X 2" Right Angle Coupler	Ø1.9” XØ1.9”	Ø48.3XØ48.3	3.7	1.7	Basket	650

2” X 2” SWIVEL COUPLER

Swivel Couplers are used to clamp two tubes together at obtuse angles. Swivel couplers are used to add bracing to scaffold structures when node points are filled or when building a Tube and Clamp-style scaffold. AAIT/Technocraft Couplers are designed to work with standard system scaffold tube, 1.9” (48.3 mm) O.D. tube.

Material: Forged Steel **Finish:** EP-Clamp & HDG- Bolt & Nut



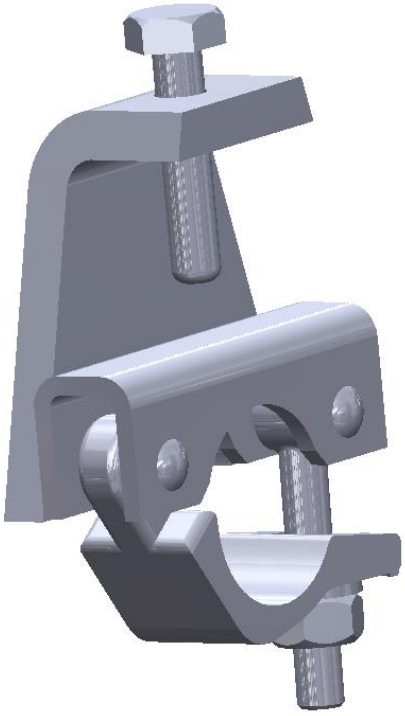
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends Tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Size		Weight		Packing	
		Inch	mm	Lbs	Kg	Stillage	Quantity
CSA19	2" X 2" Swivel Coupler	Ø1.9”X Ø1.9”	Ø48.3XØ48.3	4	1.8	Basket	650

I-BEAM CLAMP (PLATE STYLE)

Beam Clamps or Girder Couplers are used to tie a scaffold to a structural I-Beam. This connection can provide stability against tipping, or it could be a suspended application. Always use Beam clamps in pairs.

Material: Structural Steel **Finish:** EP-Clamp & HDG- Bolt & Nut



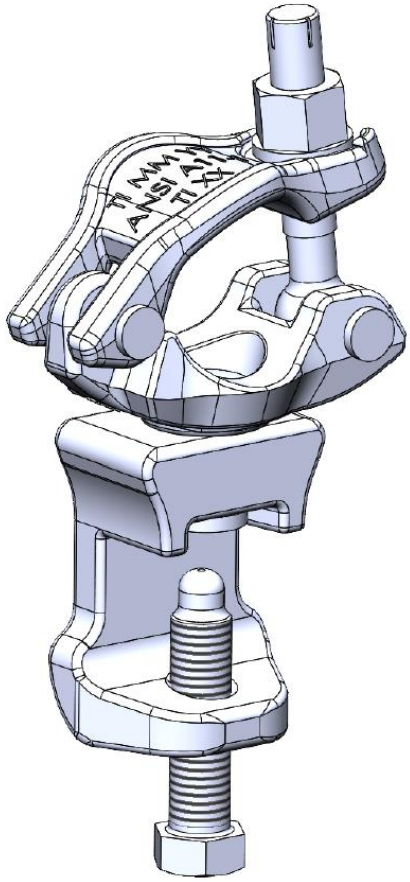
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCFART Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
IBTC	I Beam Tube Clamp (Plate Style)	3.4	1.6	Basket	700

I-BEAM CLAMP SWIVEL (FORGED)

Beam Clamps or Girder Couplers are used to tie a scaffold to a structural I-Beam. This connection can provide stability against tipping, or it could be a suspended application. Always use Beam clamps in pairs.

Material: Structural Steel **Finish:** HDG



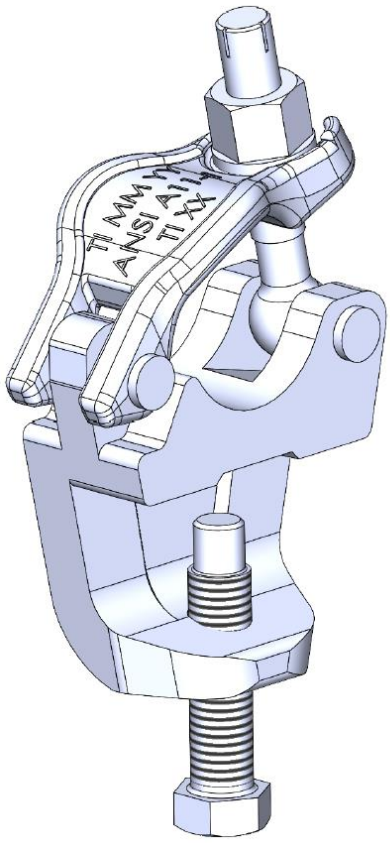
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
IBTC-S	I Beam Tube Clamp Swivel - Forged	4.0	1.8	Basket	700

I-BEAM CLAMP FIXED (FORGED)

Beam Clamps or Girder Couplers are used to tie a scaffold to a structural I-Beam. This connection can provide stability against tipping, or it could be a suspended application. Always use Beam clamps in pairs.

Material: Structural Steel **Finish:** HDG



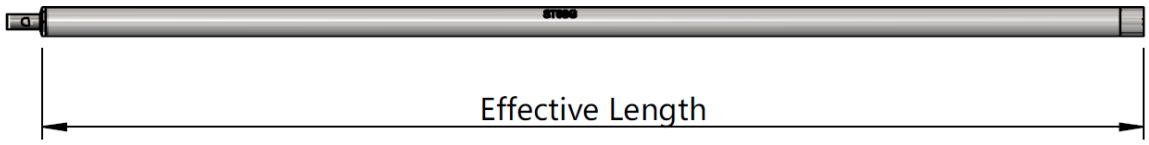
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends
Tightening Torque
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
IBTC-F	I Beam Tube Clamp Fixed - Forged	3.5	1.6	Basket	700

TUBE LOCK

Twist lock are used to tie the scaffold system with wall, stair unit, as bracing, as horizontal rail etc. Tube lock shall be tied by couplers.

Material: High Strength Steel **Finish:** Electroplated

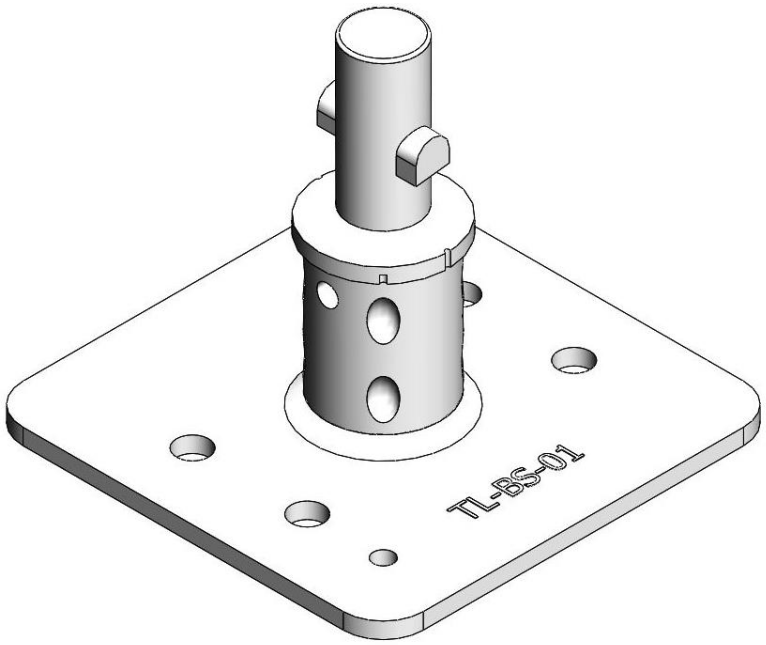


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
ST2SG	Tube Lock 2' (610mm)	2'	610.0	5.5	2.5	Rack	400
ST3SG	Tube Lock 3' (915mm)	3'	915.0	7.3	3.3	Rack	400
ST4SG	Tube Lock 4' (1219mm)	4'	1219.0	9.0	4.1	Rack	200
ST5SG	Tube Lock 5' (1524mm)	5'	1524.0	10.8	4.9	Rack	200
ST6SG	Tube Lock 6' (1829mm)	6'	1829.0	12.5	5.7	Rack	200
ST8SG	Tube Lock 8' (2438mm)	8'	2438.0	16.1	7.3	Rack	200
ST10SG	Tube Lock 10' (3048mm)	10'	3048.0	19.6	8.9	Rack	200
ST13SG	Tube Lock 13' (3962mm)	13'	3962.0	24.9	11.3	Rack	200
ST16SG	Tube Lock 16' (4877mm)	16'	4877.0	30.1	13.7	Rack	200

TUBE LOCK BASE PLATE

Tube lock base plate are used to tie the scaffold system Tube lock shall be tied by couplers.

Material: Structural Steel **Finish:** HDG

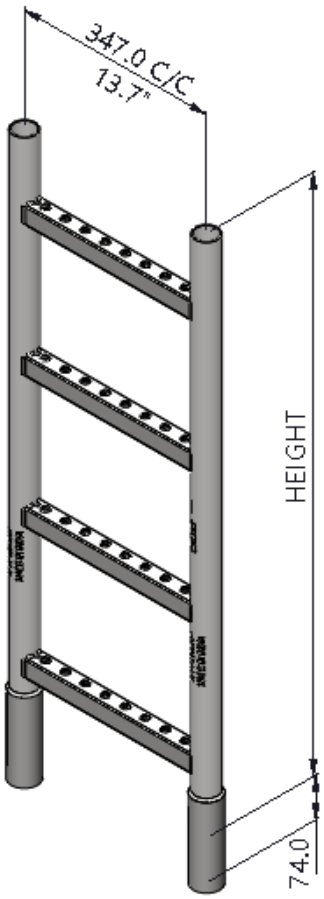


Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
TL-BS-01	Tube Lock Base Plate	3.8	1.7	Basket	400

13.7” STEEL LADDER

Steel scaffold ladders are used in conjunction with ladder brackets so that workers can access the elevated work platforms safely.

Material: Structural Steel **Finish:** HDG



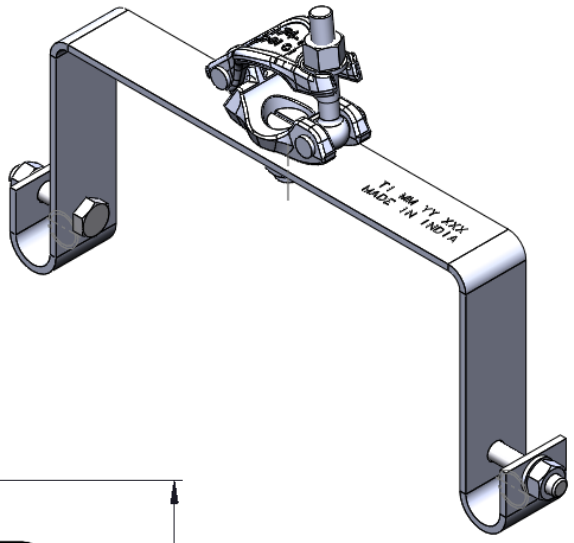
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
CSLW3AS	13.7" Steel Ladder 3’/1000 mm	14.5	6.6	Rack	35
CSLW5AS	13.7" Steel Ladder 5’/1500 mm	20.9	9.5	Rack	35
CSLW10AS	13.7" Steel Ladder 10’/3000 mm	39.6	18.0	Rack	35

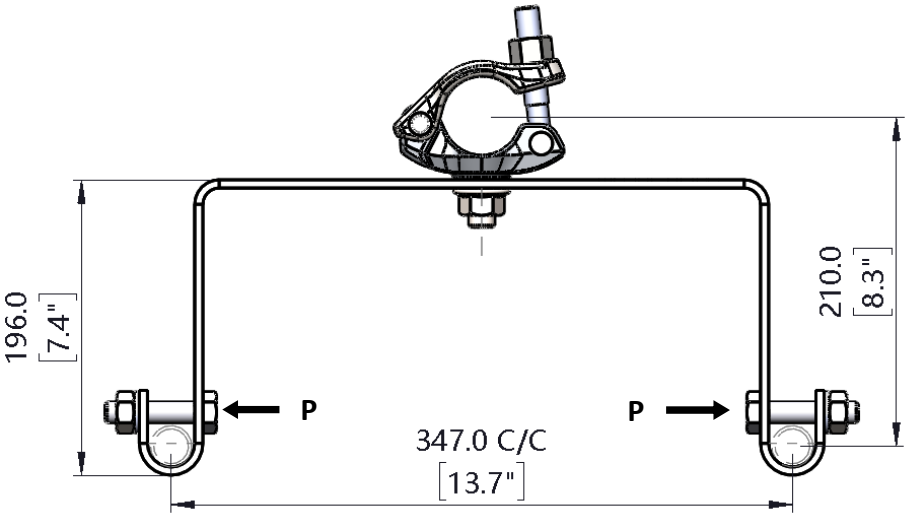
13.7” LADDER BRACKET

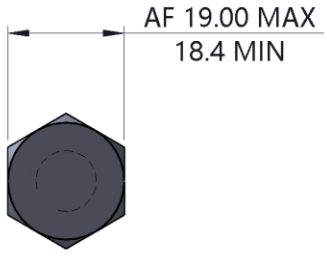
Ladder brackets can be attached to vertical or horizontal parts of the scaffold structure. Ladder brackets secure the ladder from tipping.

Material: Structural steel. **Finish:** HDG

HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends Tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm







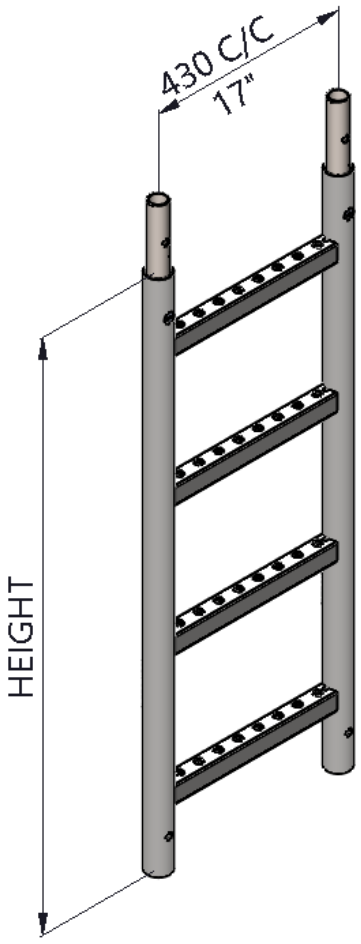
VIEW ‘P’

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
CSLBW	13.7" Ladder Bracket	7.0	3.2	Rack	150

17” STEEL LADDER

Steel scaffold ladders are used in conjunction with ladder brackets so that workers can access the elevated work platforms safely.

Material: Structural steel. **Finish:** HDG



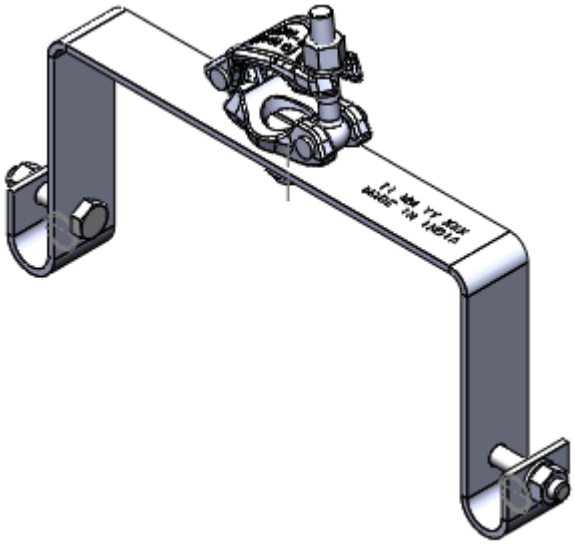
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
SL-03-17W	17" Steel Ladder 3’ Height	13.4	6.1	Rack	80
SL-05-17W	17" Steel Ladder 5’ Height	21.3	9.66	Rack	40
SL-10-17W	17" Steel Ladder 10’ Height	39.7	18.0	Rack	40

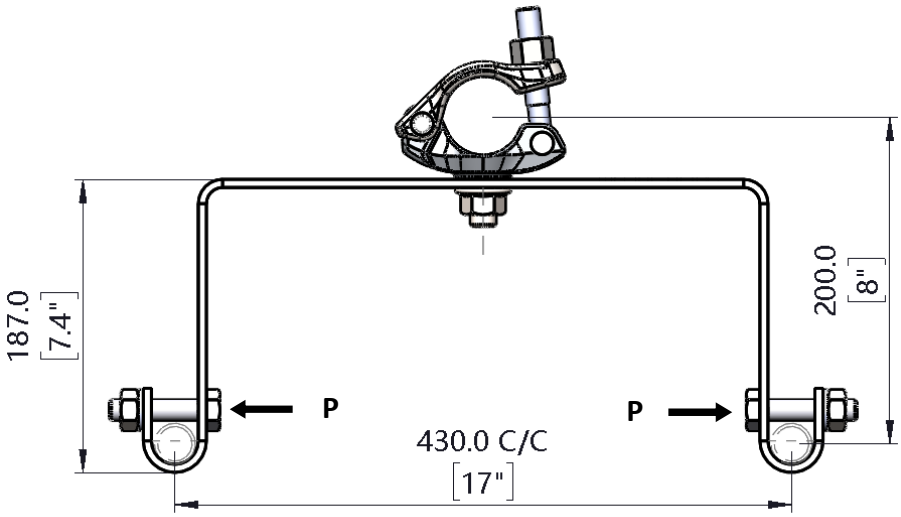
17” LADDER BRACKET

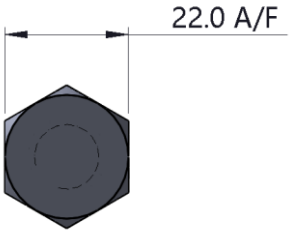
Ladder brackets can be attached to vertical or horizontal parts of the scaffold structure. Ladder brackets secure the ladder from tipping.

Material: Structural steel. **Finish:** HDG

HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends Tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm







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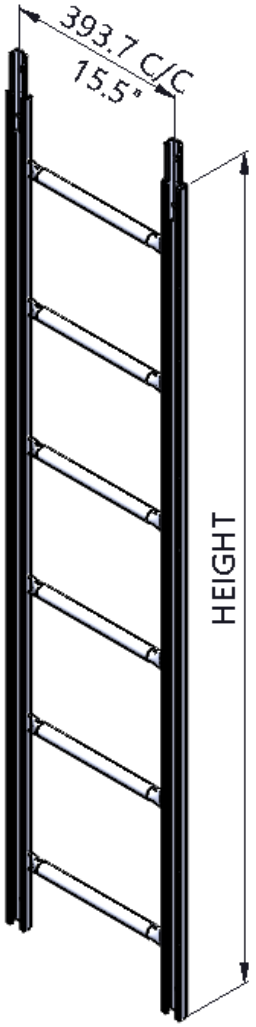
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
LB-17W	17" Ladder Bracket	7.5	3.4	Basket	150

SAU STEEL LADDER

Steel scaffold ladders are used in conjunction with ladder brackets so that workers can access the elevated work platforms safely.

Material: Structural steel. **Finish:** HDG



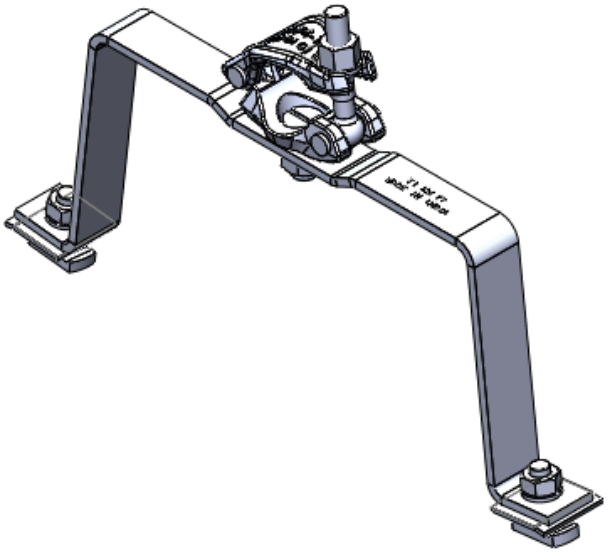
Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
SAU-03-15W	SAU Steel Ladder 15.5" Wide & 3' Height	10.2	4.6	Basket	80
SAU-06-15W	SAU Steel Ladder 15.5" Wide & 6' Height	19.4	8.8	Basket	40

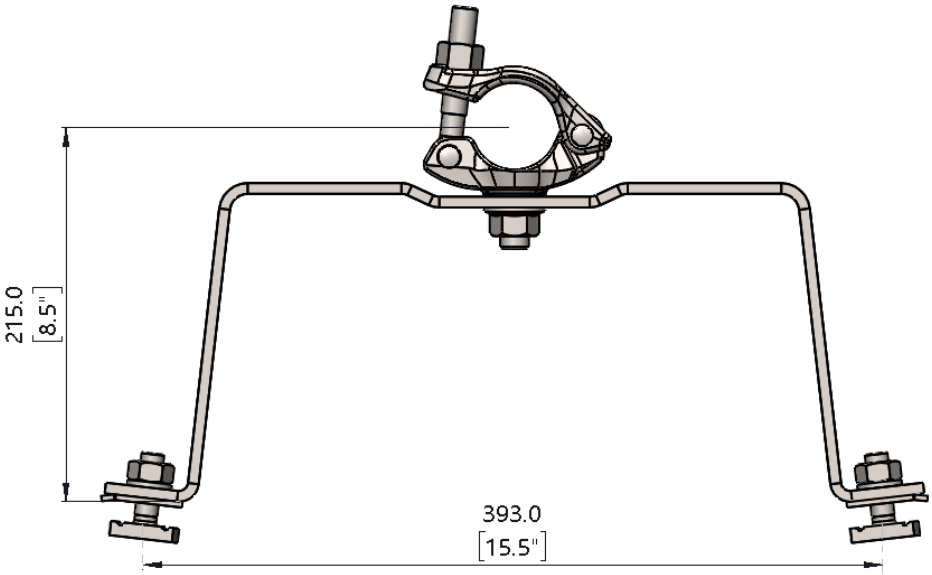
SAU LADDER BRACKET

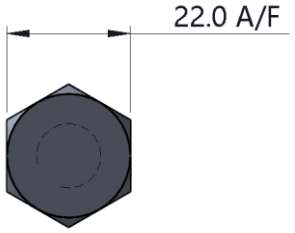
Ladder brackets can be attached to vertical or horizontal parts of the scaffold structure. Ladder brackets secure the ladder from tipping.

Material: Structural steel. **Finish:** HDG

HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends Tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm







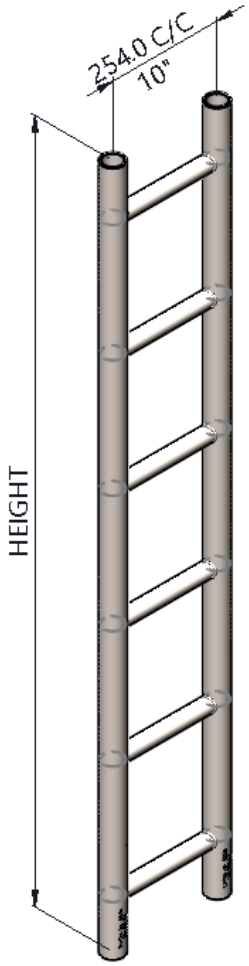
HEX NUT – 22.0 A/F

Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
SAU-LB-15W	SAU Ladder Bracket 15.5” Wide	5.8	2.7	Basket	150

10” ALUMINIUM LADDER

10” Aluminium Ladders are intended to only be used in narrow access situations.

Material: Aluminium **Finish:** Mill



Product Code	Description	Weight		Packing	
		Lbs	Kg	Stillage	Quantity
AL-R-30	10” Aluminium Ladder 3’ Height	6.3	2.9	Rack	35
AL-R-40	10”Aluminium Ladder 4’ Height	8.5	3.9	Rack	35
AL-R-60	10”Aluminium Ladder 6’ Height	12.9	5.9	Rack	35

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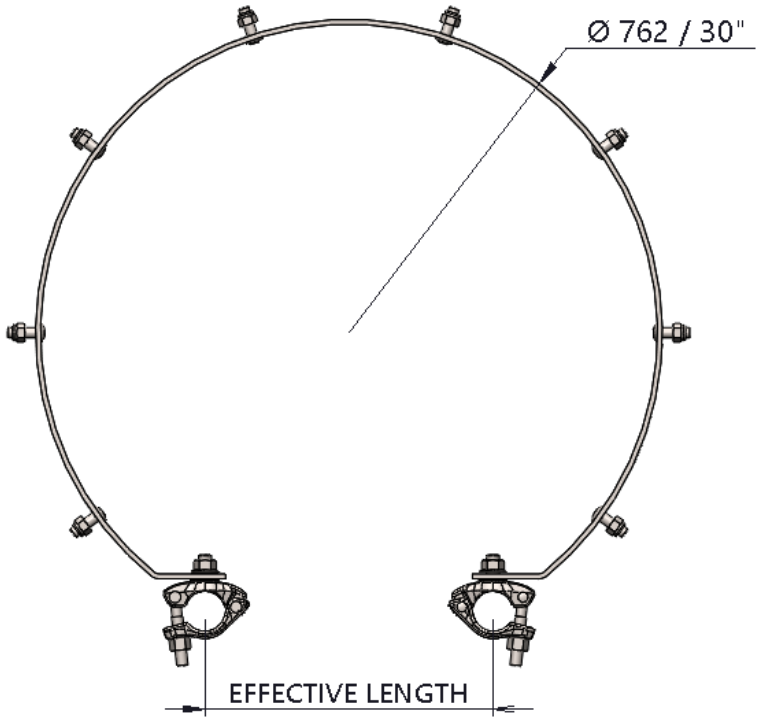
LADDER CAGE RING

Ladder cage ring is used to secure the person at the time of climbing on ladder.

Material: Structural steel **Finish:** HDG



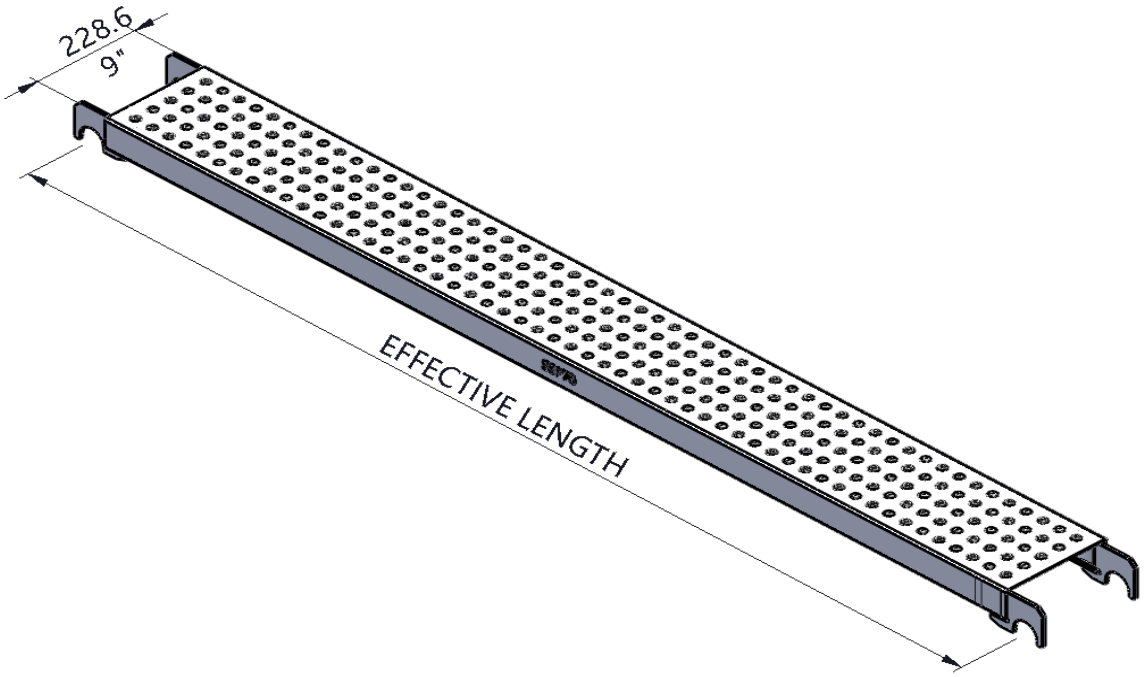
HEAVY DUTY COUPLER (EYE-BOLT)
TECHNOCRAFT Recommends Tightening the clamp to:
45-60 ft. Lbs (60-80 Nm)
Flange Nut Size: 22.0 mm

Product Code	Description	Effective Length		Weight		Packing	
		Inches	mm	Lbs	Kg	Stillage	Quantity
SLCR-30	Ladder Cage Ring Ø30"	13.5" TO 17.0"	340.0 TO 440.0	13.2	6.0	Rack	13

9” WIDE STEEL PLANK – SSP TYPE

9” wide high profile steel planks are used to provide walkways and work areas on scaffolds.

Material: Structural steel **Plank Width:** 9”/228.6mm **Finish:** HDG

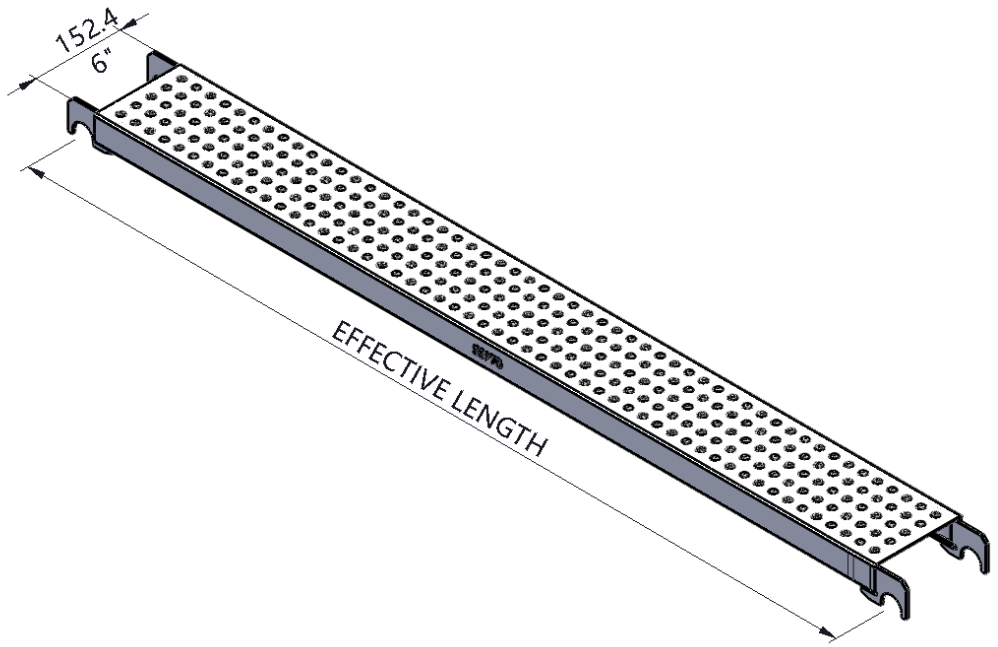


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
SSP10	9" Steel Plank	1'	305	7.5	3.4	Rack	128
SSP110	9" Steel Plank	1'-10"	559	10.8	4.9	Rack	128
SSP20	9" Steel Plank	2'	610	11.4	5.2	Rack	64
SSP27	9" Steel Plank	2'-7"	788	13.9	6.3	Rack	64
SSP211	9" Steel Plank	2'-11"	900	15.4	7.0	Rack	64
SSP28	9" Steel Plank	2'-8"	813	14.3	6.5	Rack	64
SSP30	9" Steel Plank	3'	914	15.6	7.1	Rack	64
SSP36	9" Steel Plank	3'-6"	1067	17.6	8.0	Rack	64
SSP39	9" Steel Plank	3'-9"	1143	18.7	8.5	Rack	64
SSP40	9" Steel Plank	4'	1219	19.8	9.0	Rack	64
SSP41	9" Steel Plank	4'-1"	1250	20.2	9.2	Rack	64
SSP43	9" Steel Plank	4'-3"	1300	20.9	9.5	Rack	64
SSP46	9" Steel Plank	4'-6"	1372	21.8	9.9	Rack	64
SSP49	9" Steel Plank	4'-9"	1450	22.9	10.4	Rack	64
SSP410	9" Steel Plank	4'-10"	1473	23.1	10.5	Rack	64
SSP411	9" Steel Plank	4'-11"	1500	23.5	10.7	Rack	64
SSP50	9" Steel Plank	5'	1524	24.0	10.9	Rack	64
SSP51	9" Steel Plank	5'1"	1549	24.2	11.0	Rack	64
SSP52	9" Steel Plank	5'2"	1572	24.6	11.2	Rack	64
SSP54-A	9" Steel Plank	5'4"	1626	25.3	11.5	Rack	64
SSP511	9" Steel Plank	5'-10"	1800	27.7	12.6	Rack	64
SSP60	9" Steel Plank	6'	1829	27.9	12.7	Rack	64
SSP61	9" Steel Plank	6'1"	1854	28.4	12.9	Rack	64
SSP69	9" Steel Plank	6'9"	2072	31.2	14.2	Rack	64
SSP70	9" Steel Plank	7'	2134	32.1	14.6	Rack	64
SSP72	9" Steel Plank	7'2"	2184	32.8	14.9	Rack	64
SSP710	9" Steel Plank	7'-10"	2388	35.6	16.2	Rack	64
SSP80	9" Steel Plank	8'	2438	36.3	16.5	Rack	64
SSP82	9" Steel Plank	8'-2"	2500	37.2	16.9	Rack	64
SSP86	9" Steel Plank	8'-6"	2572	38.1	17.3	Rack	64
SSP90	9" Steel Plank	9'	2743	40.5	18.4	Rack	64
SSP92	9" Steel Plank	9'2"	2794	41.1	18.7	Rack	64
SSP100	9" Steel Plank	10'	3048	44.4	20.2	Rack	64

6” WIDE STEEL PLANK - SSP TYPE

Steel planks are having anti-slip type boards and used in scaffold bay to fill the gap.

Material: Structural steel **Plank Width:** 6” / 152.4mm **Finish:** HDG

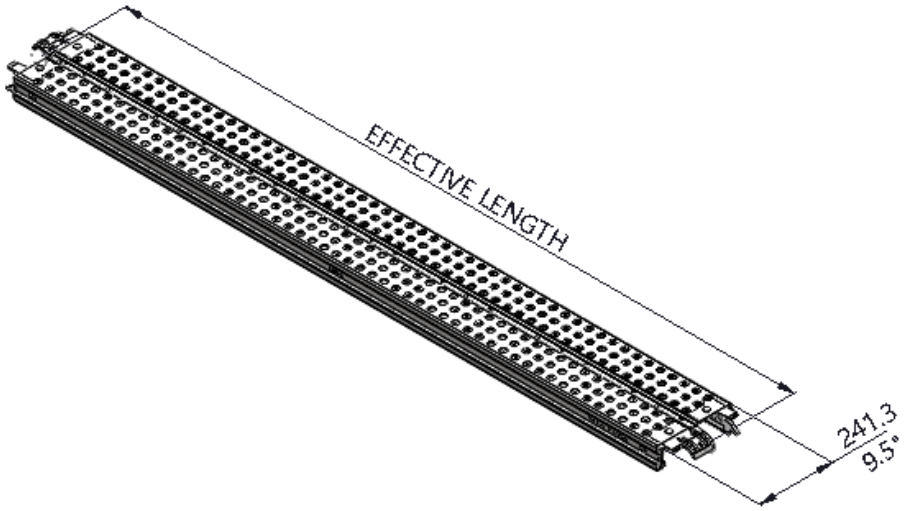


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
SSP6-30	6" Steel Filler Plank	3'	914.0	15.7	7.1	Rack	80
SSP6-36	6" Steel Filler Plank	3'6"	1067.0	17.7	8.0	Rack	80
SSP6-40	6" Steel Filler Plank	4'	1219.0	19.8	9.0	Rack	80
SSP6-50	6" Steel Filler Plank	5'	1524.0	23.9	10.9	Rack	80
SSP6-70	6" Steel Filler Plank	7'	2134.0	32.2	14.6	Rack	80
SSP6-80	6" Steel Filler Plank	8'	2438.0	36.3	16.5	Rack	80
SSP6-100	6" Steel Filler Plank	10'	3048.0	44.6	20.2	Rack	80

9.5” WIDE PLANK – CANADIAN STYLE

Steel planks are used to provide walkways and work areas on scaffolds.

Material: Structural steel **Plank Width:** 9.5” / 241.3mm. **Finish:** Pre-Galv.

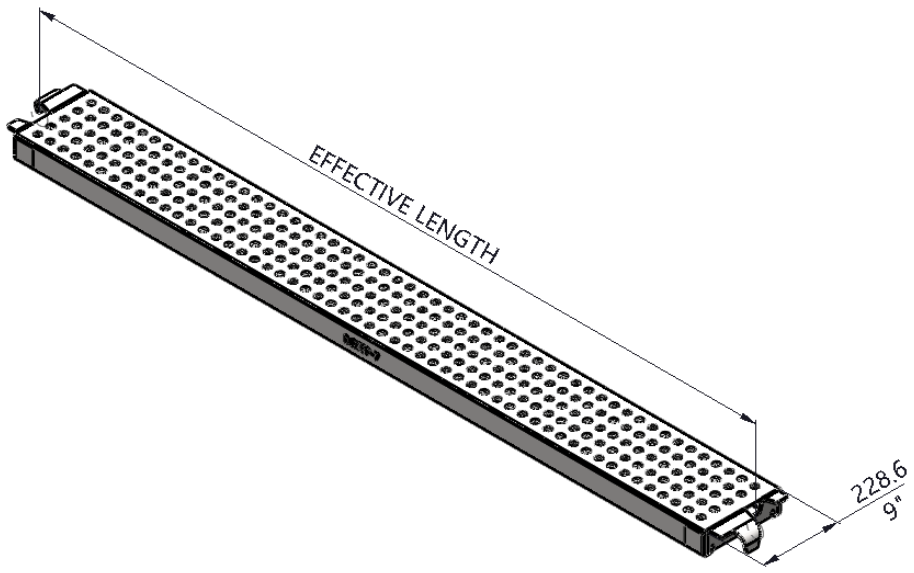


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
SSP2-C	9.5" Plank W/wind Latch 0.61	2'	610.0	11.6	5.3	Rack	112
SSP22-65-C	9.5" Plank W/wind Latch 0.65	2'1.6''	650.0	12.8	5.8	Rack	112
SSP211-C	9.5" Plank W/wind Latch 0.88	2'11''	880.0	15.1	6.9	Rack	56
SSP3-C	9.5" Plank W/wind Latch 0.914	3'	914.0	15.4	7.0	Rack	56
SSP36-C	9.5" Plank W/wind Latch 1.067	3'6"	1067.0	18.2	8.3	Rack	56
SSP310S-C	9.5" Plank W/wind Latch 1.15	3'10"	1150.0	18.1	8.2	Rack	56
SSP4-C	9.5" Plank W/wind Latch 1.219	4'	1219.0	19.6	8.9	Rack	56
SSP5-C	9.5" Plank W/wind Latch 1.524	5'	1524.0	23.5	10.7	Rack	56
SSP52-C	9.5" Plank W/wind Latch 1.572	5'2"	1572.0	23.6	10.7	Rack	56
SSP6-C	9.5" Plank W/wind Latch 1.829	6'	1829.0	26.7	12.1	Rack	56
SSP7-C	9.5" Plank W/wind Latch 2.133	7'	2134.0	31.7	14.4	Rack	56
SSP8-C	9.5" Plank W/wind Latch 2.438	8'	2438.0	35.9	16.3	Rack	56
SSP86-C	9.5" Plank W/wind Latch 2.572	8'6"	2572.0	37.6	17.1	Rack	56
SSP9-C	9.5" Plank W/wind Latch 2.743	9'	2743.0	39.7	18.1	Rack	56
SSP10-C	9.5" Plank W/wind Latch 3.048	10'	3048.0	42.7	19.4	Rack	56

9” WIDE DOG EAR STEEL PLANK

9” wide dog ear style steel planks are used to provide walkways and work areas on scaffolds.

Material: Structural steel **Plank Width:** 9” / 228.6mm. **Finish:** HDG



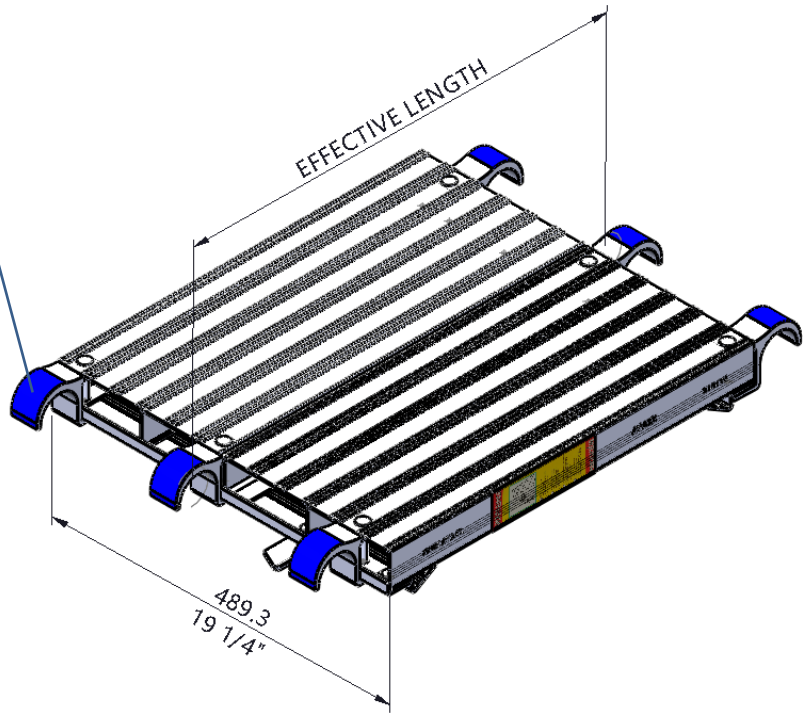
Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
DESSP2	9" Dog Ear Steel Plank	2'	610.0	11.3	5.1	Rack	80
DESSP3	9" Dog Ear Steel Plank	3'	914.0	13.0	5.9	Rack	40
DESSP36	9" Dog Ear Steel Plank	3'6"	1067.0	17.2	7.8	Rack	40
DESSP4	9" Dog Ear Steel Plank	4'	1219.0	19.1	8.7	Rack	40
DESSP5	9" Dog Ear Steel Plank	5'	1524.0	24.0	10.9	Rack	40
DESSP52	9" Dog Ear Steel Plank	5'2"	1572.0	24.6	11.2	Rack	40
DESSP6	9" Dog Ear Steel Plank	6'	1829.0	27.6	12.5	Rack	40
DESSP7	9" Dog Ear Steel Plank	7'	2134.0	31.2	14.2	Rack	40
DESSP8	9" Dog Ear Steel Plank	8'	2438.0	34.8	15.8	Rack	40
DESSP86	9" Dog Ear Steel Plank	8'6"	2572.0	36.3	16.5	Rack	40
DESSP9	9" Dog Ear Steel Plank	9'	2743.0	38.5	17.5	Rack	40
DESSP10	9" Dog Ear Steel Plank	10'	3048.0	47.1	21.4	Rack	40

19" WIDE ALUMINIUM PLANK

Aluminium planks are used as anti-slip type board and used in scaffold.

Material: Aluminium Alloy **Plank Width:** 19-1/4" / 489.0mm **Finish:** Mill

Blue Colour Marking for APA310S Plank.



Product Code	Description	Effective Length		Load Rating SWL UDL LBS/SQ. FT	Weight		Packing	
		Ft-In	MM		Lbs	Kg	Stillage	Quantity
APA2	19" Aluminium Plank	2'	610.0	75 LBS / SQ. FT.	11.2	5.1	Bundles	80
APA3	19" Aluminium Plank	3'	914.0	75 LBS / SQ. FT.	15.0	6.8	Bundles	40
APA36	19" Aluminium Plank	3'6"	1067.0	75 LBS / SQ. FT.	16.7	7.6	Bundles	40
APA310S	19" Aluminium Plank	3'10"	1150.0	75 LBS / SQ. FT.	17.6	8.0	Bundles	40
APA4	19" Aluminium Plank	4'	1219.0	75 LBS / SQ. FT.	18.5	8.4	Bundles	40
APA5	19" Aluminium Plank	5'	1524.0	75 LBS / SQ. FT.	22.2	10.1	Bundles	40
APA6	19" Aluminium Plank	6'	1829.0	75 LBS / SQ. FT.	26.0	11.8	Bundles	40
APA7	19" Aluminium Plank	7'	2134.0	75 LBS / SQ. FT.	28.7	13.0	Bundles	40
APA8	19" Aluminium Plank	8'	2438.0	75 LBS / SQ. FT.	33.2	15.1	Bundles	40
APA9	19" Aluminium Plank	9'	2743.0	50 LBS / SQ. FT.	37.0	16.8	Bundles	40
APA10	19" Aluminium Plank	10'	3048.0	50 LBS / SQ. FT.	40.4	18.4	Bundles	40

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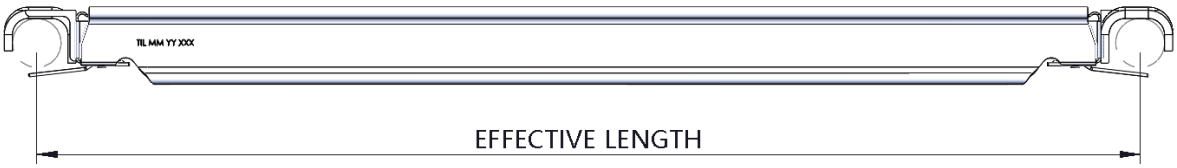
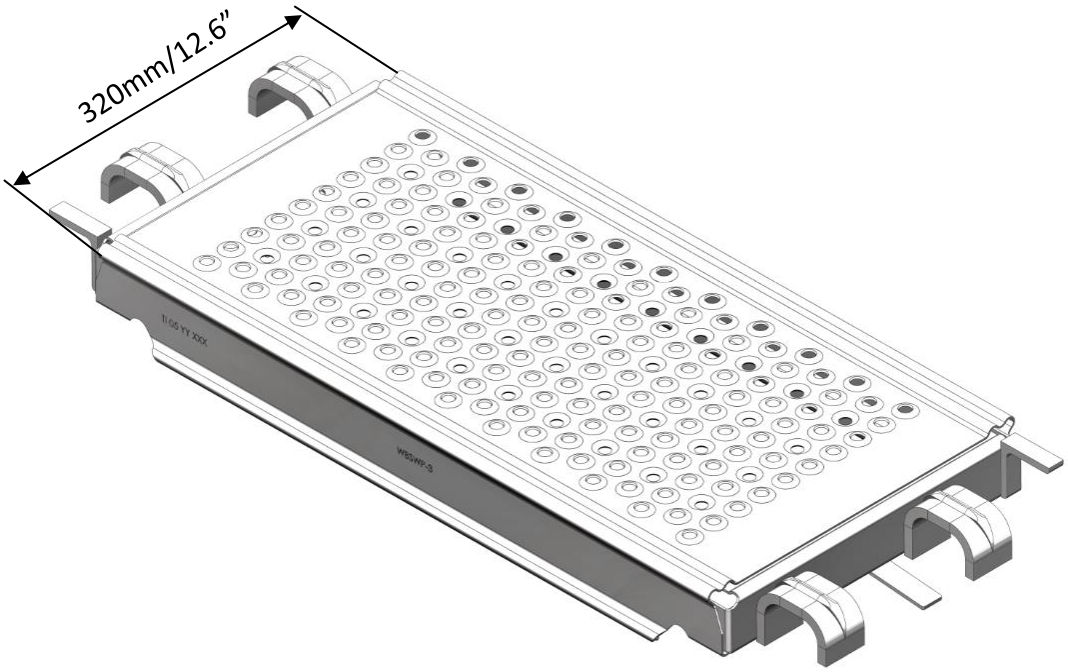
12.6” WIDE STEEL PLANK

12.6” wide steel planks are used to provide walkways and work areas on scaffolds.

Material: Structural steel **Plank Width:** 12.6” / 320.0mm **Finish:** HDG



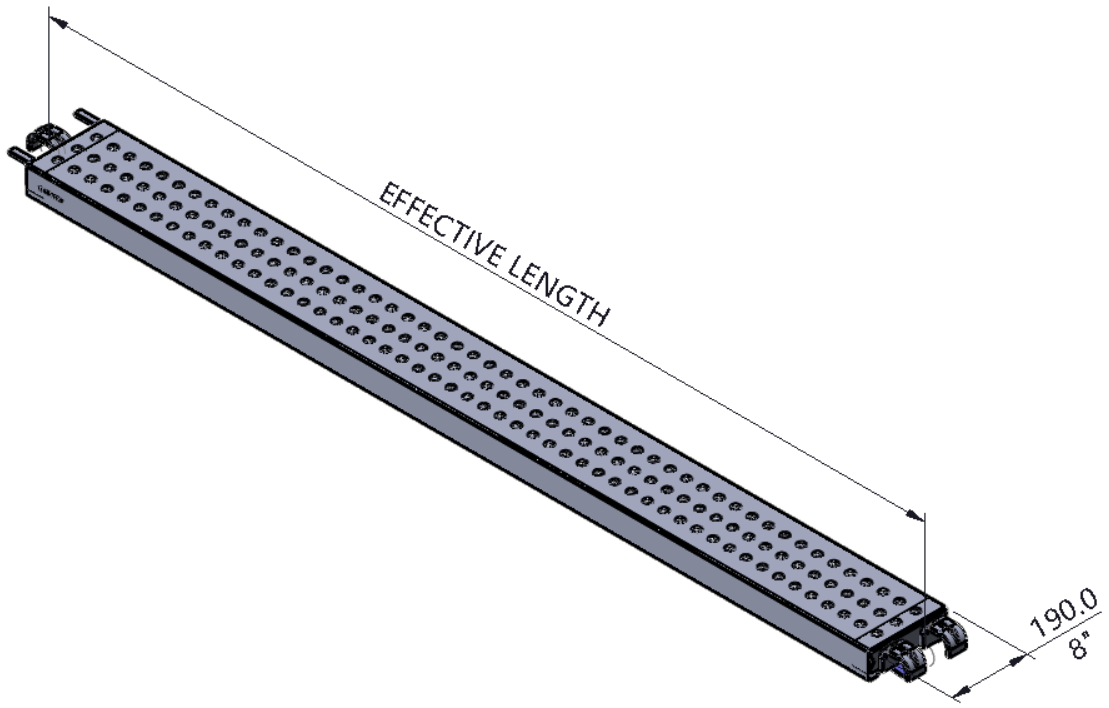


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
WBSWP-73	12.6" Steel Plank 0.732m	2’4.8”	732.0	15.6	7.1	Bundles	93
WBSWP-3	12.6" Steel Plank 0.914m	3'	914.0	20.9	9.5	Bundles	93
WBSWP-36	12.6" Steel Plank 1.067m	3'6"	1067.0	23.4	10.6	Bundles	93
WBSWP-108	12.6" Steel Plank 1.088m	3’6.8”	1088.0	10.8	23.7	Bundles	93
WBSWP-4	12.6" Steel Plank 1.219m	4'	1219.0	26.5	12.1	Bundles	93
WBSWP-43	12.6" Steel Plank 1.286m	4'3"	1286.0	27.5	12.5	Bundles	93
WBSWP-140	12.6" Steel Plank 1.400m	4’7”	1400.0	13.4	29.5	Bundles	93
WBSWP-5	12.6" Steel Plank 1.524m	5'	1524.0	31.5	14.3	Bundles	93
WBSWP-52	12.6" Steel Plank 1.572m	5'2"	1572.0	32.3	14.7	Bundles	93
WBSWP-6	12.6" Steel Plank 1.829m	6'	1829.0	36.6	16.6	Bundles	93
WBSWP-69	12.6" Steel Plank 2.072m	6'9"	2072.0	41.2	18.7	Bundles	93
WBSWP-7	12.6" Steel Plank 2.133m	7'	2133.0	42.2	19.2	Bundles	93
WBSWP-8	12.6" Steel Plank 2.438m	8'	2438.0	47.3	21.5	Bundles	93
WBSWP-86	12.6" Steel Plank 2.572m	8'6"	2572.0	49.5	22.5	Bundles	93
WBSWP-9	12.6" Steel Plank 2.743m	9'	2743.0	52.3	23.8	Bundles	93
WBSWP-10	12.6" Steel Plank 3.048m	10'	3048.0	57.3	26.1	Bundles	93

8” WIDE STEEL FILLER PLANK – WBSWP TYPE

8” wide steel filler planks are used to fill gaps in the walkways and work areas on scaffolds.

Material: Structural steel **Plank Width:** 8” / 190.0mm **Finish:** HDG

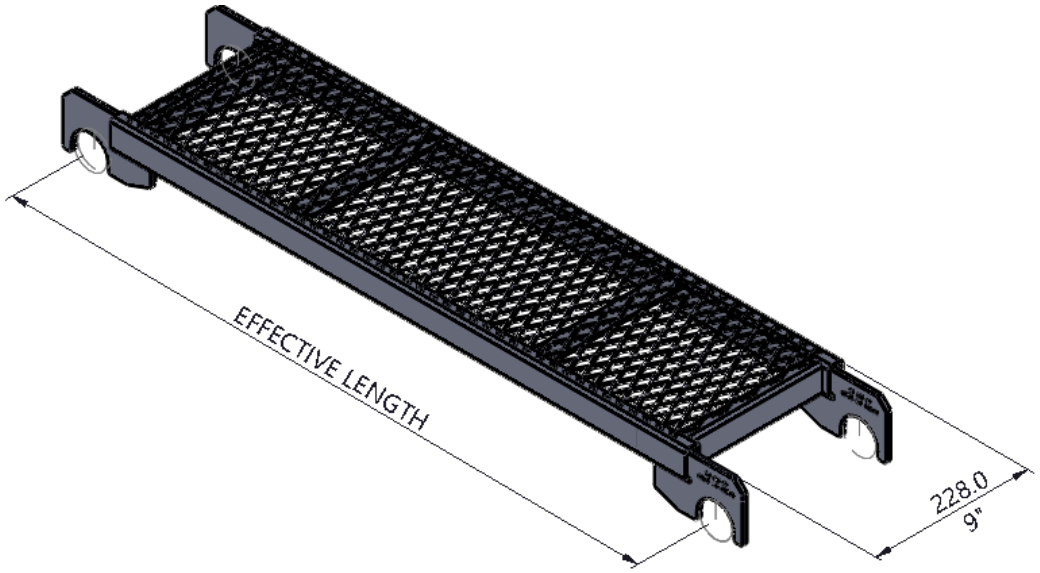


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
SFP8-73	8" Steel Filler Plank	2'4.8"	732.0	10.4	4.7	Basket	150
SFP8-3	8" Steel Filler Plank	3'	914.0	12.3	5.6	Basket	150
SFP8-36	8" Steel Filler Plank	3'6'	1067.0	13.8	6.3	Basket	150
SFP8-36S	8" Steel Filler Plank	3'6.8"	1088.0	14.0	6.4	Basket	150
SFP8-4	8" Steel Filler Plank	4'	1219.0	15.4	7.0	Basket	150
SFP8-47	8" Steel Filler Plank	4'7"	1400.0	17.2	7.8	Basket	150
SFP8-5	8" Steel Filler Plank	5'	1524.0	18.4	8.4	Basket	150
SFP8-52	8" Steel Filler Plank	5'2"	1572.0	18.9	8.6	Basket	150
SFP8-6	8" Steel Filler Plank	6'	1829.0	21.5	9.8	Basket	150
SFP8-69	8" Steel Filler Plank	6'9"	2072.0	24.0	10.9	Basket	150
SFP8-7	8" Steel Filler Plank	7'	2133.0	24.6	11.2	Basket	150
SFP8-8	8" Steel Filler Plank	8'	2438.0	27.7	12.6	Basket	150
SFP8-86	8" Steel Filler Plank	8'6"	2572.0	29.0	13.2	Basket	150
SFP8-9	8" Steel Filler Plank	9'	2743.0	30.8	14.0	Basket	150
SFP8-10	8" Steel Filler Plank	10'	3048.0	33.9	15.4	Basket	150

9” WIDE STEEL MESH PLANK - SSP HOOK

9” wide high profile steel mesh planks are used to provide walkways and work areas on scaffolds when a build-up of debris is a concern. The expanded metal surface allows for debris, from processes like sandblasting & painting to fall through to prevent the scaffold from being overloaded. Good house-keeping is still required when using this plank.

Material: Structural steel **Plank Width:** 9” / 228.0mm. **Finish:** HDG

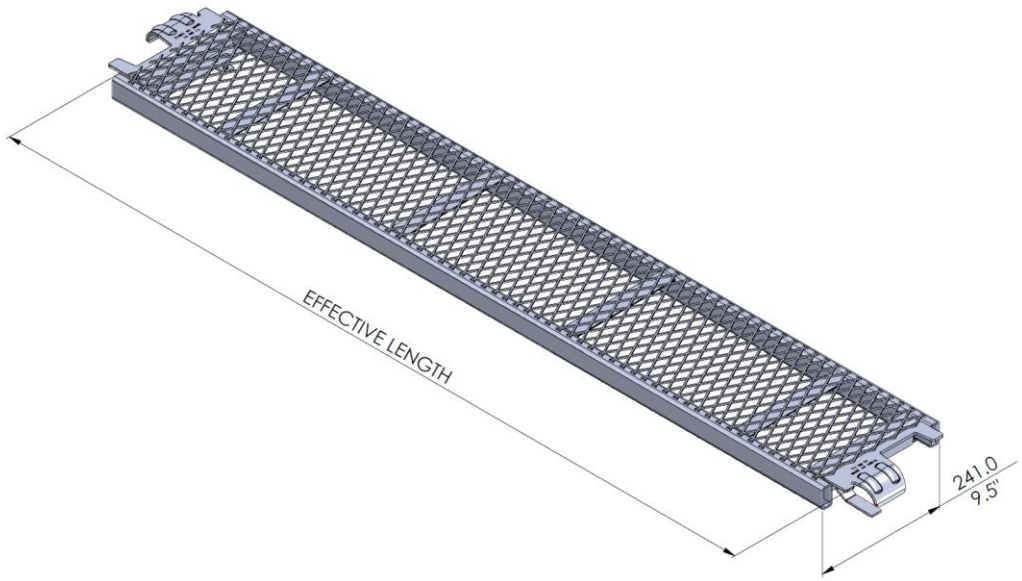


Product Code	Description	Effective Length		Load Rating UDL Lbs/ Sq. Ft	Weight		Packing	
		Ft-In	MM		Lbs	Kg	Stillage	Quantity
SSP-3-WM	9" Steel Mesh Plank 0.91m	3'	914	75	17.9	7.1	Rack	56
SSP-36-WM	9" Steel Mesh Plank 1.06m	3'6"	1067	75	22.9	7.9	Rack	56
SSP-4-WM	9" Steel Mesh Plank 1.21m	4'	1219	75	23.7	8.9	Rack	56
SSP-5-WM	9" Steel Mesh Plank 1.52m	5'	1524	75	29.5	10.8	Rack	56
SSP-6-WM	9" Steel Mesh Plank 1.82m	6'	1829	75	32.3	12.6	Rack	56
SSP-7-WM	9" Steel Mesh Plank 2.13m	7'	2134	75	41.2	14.4	Rack	56
SSP-8-WM	9" Steel Mesh Plank 2.43m	8'	2438	50	42.2	16.3	Rack	56
SSP-9-WM	9" Steel Mesh Plank 2.74m	9’	2743	50	49.5	17.8	Rack	56
SSP-10-WM	9" Steel Mesh Plank 3.04m	10'	3048	50	57.7	19.7	Rack	56

9.5” WIDE STEEL MESH PLANK - CANADIAN HOOK

9.5” wide high profile steel mesh planks are used to provide walkways and work areas on scaffolds when a build-up of debris is a concern. The expanded metal surface allows for debris, from processes like sandblasting & painting to fall through to prevent the scaffold from being overloaded. Good house-keeping is still required when using this plank.

Material: Structural steel **Plank Width:** 9.5” / 241.0mm. **Finish:** HDG

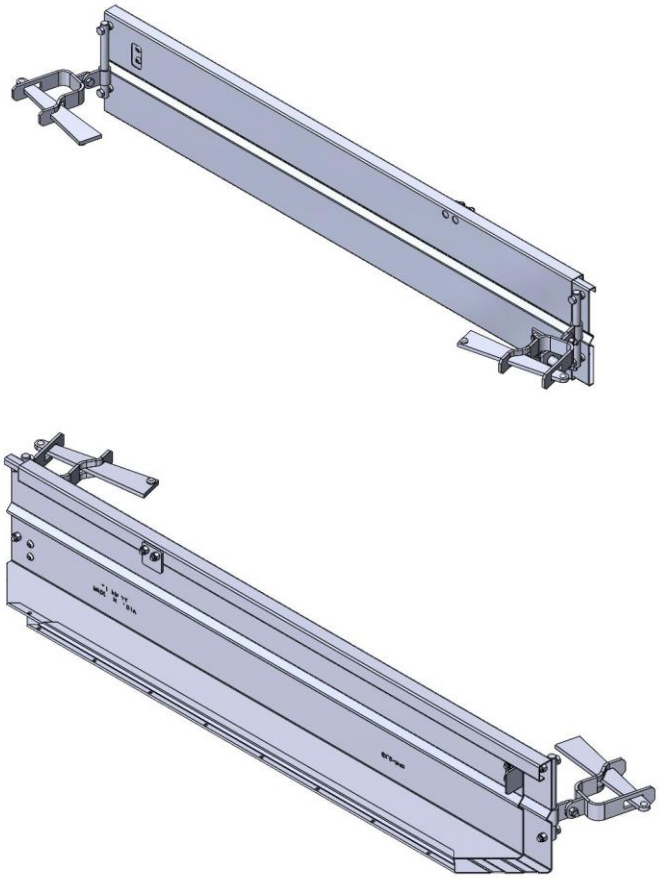


Product Code	Description	Effective Length		Weight		Packing	
		Ft-In	mm	Lbs	Kg	Stillage	Quantity
SSP-2-WM95	9.5" Steel Mesh Plank 2'	2'	610.0	11.2	5.1	Rack	56
SSP-3-WM95	9.5" Steel Mesh Plank 3'	3'	914.0	15.3	7.0	Rack	56
SSP-36-WM95	9.5" Steel Mesh Plank 3'6"	3'6"	1067.0	17.1	7.8	Rack	56
SSP-4-WM95	9.5" Steel Mesh Plank 4'	4'	1219.0	19.5	8.9	Rack	56
SSP-5-WM95	9.5" Steel Mesh Plank 5'	5'	1524.0	24.4	11.1	Rack	56
SSP-52-WM95	9.5" Steel Mesh Plank 5'2"	5' 2"	1572.0	25.0	11.4	Rack	56
SSP-6-WM95	9.5" Steel Mesh Plank 6'	6'	1829.0	28.7	13.1	Rack	56
SSP-7-WM95	9.5" Steel Mesh Plank 7'	7'	2133.0	32.3	14.7	Rack	56
SSP-8-WM95	9.5" Steel Mesh Plank 8'	8'	2438.0	36.7	16.7	Rack	56
SSP-9-WM95	9.5" Steel Mesh Plank 9'	9'	2743.0	41.1	18.7	Rack	56
SSP-10-WM95	9.5" Steel Mesh Plank 10'	10'	3048.0	45.4	20.6	Rack	56

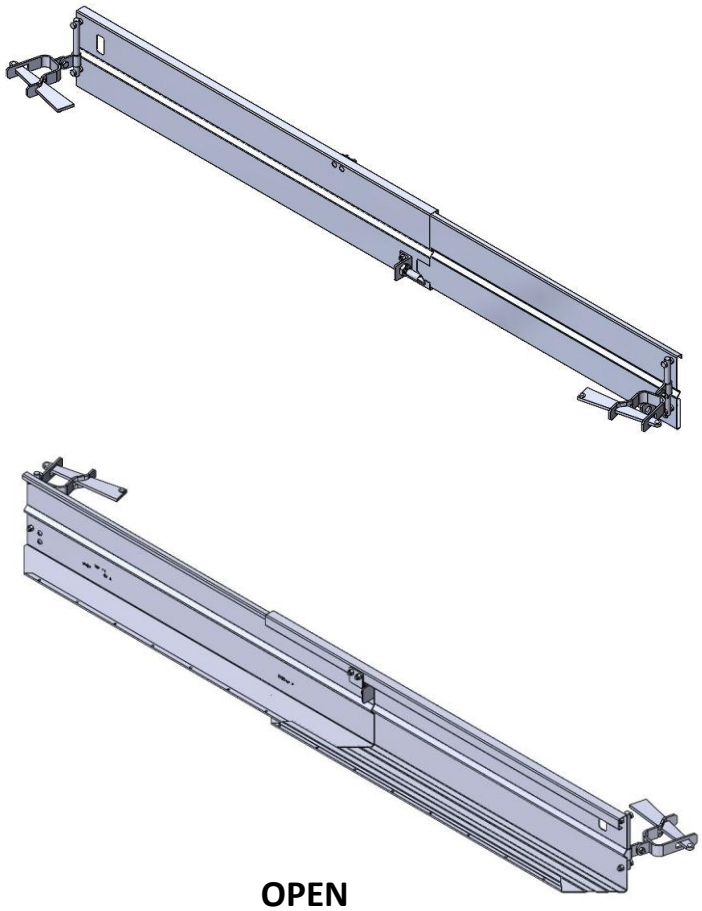
EXPANDABLE TOE BOARD

The Expandable Toe board is designed to enclose the bay at the plank level, preventing small tools, debris and other items from falling off the planked platform. This can be work between 2' to 10'1" (See Table) Bay sizes, reducing inventory & storage space significantly.

Material: Structural steel **Finish:** Pre-GI



CLOSE



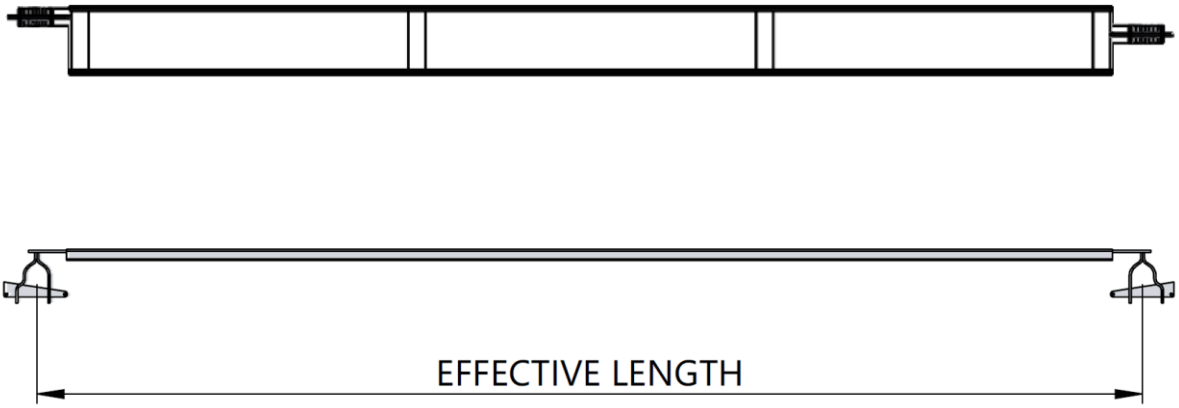
OPEN

Product Code	Description	Bay Size (Ft-Inch)		Bay Size(mm)		Weight		Packing	
		Close	Open	Close	Open	Lbs	Kg	Stillage	Quantity
EXTB-20-30	Expandable Toe Board	2'0"	3'0"	610	914	12.2	5.5		
EXTB-33-54	Expandable Toe Board	3'3"	5'4"	990	1626	18.4	8.4		
EXTB-57-101	Expandable Toe Board	5'7"	10'1"	1700	3080	30.3	13.8		

UNIVERSAL TOE BOARD

The Universal Toe board is designed to enclose the bay at the plank level, preventing small tools, debris and other items from falling off the planked platform.

Material: Structural steel **Finish:** HDG



Product Code	Description Length x Height	Effective Length		Weight		Packing	
		Ft-In	MM	Lbs	Kg	Stillage	Quantity
UTB110	Universal Toe Board (Wedge Type)	1' 10"	559.6	7.1	3.2	Rack	200
UTB20	Universal Toe Board (Wedge Type)	2'	610.0	7.5	3.4	Rack	200
UTB30	Universal Toe Board (Wedge Type)	3'	914.0	9.7	4.4	Rack	100
UTB36	Universal Toe Board (Wedge Type)	3' 6"	1067.0	11.3	5.1	Rack	100
UTB36S	Universal Toe Board (Wedge Type)	3'6.8"	1088.0	11.4	5.2	Rack	100
UTB40	Universal Toe Board (Wedge Type)	4'	1219.0	12.4	5.6	Rack	100
UTB41	Universal Toe Board (Wedge Type)	4' 1"	1250.0	12.6	5.7	Rack	100
UTB50	Universal Toe Board (Wedge Type)	5'	1524.0	14.6	6.6	Rack	100
UTB52	Universal Toe Board (Wedge Type)	5' 2"	1572.0	15.0	6.8	Rack	100
UTB60	Universal Toe Board (Wedge Type)	6'	1829.0	16.8	7.6	Rack	100
UTB70	Universal Toe Board (Wedge Type)	7'	2133.0	19.0	8.6	Rack	100
UTB80	Universal Toe Board (Wedge Type)	8'	2438.0	21.7	9.8	Rack	100
UTB86	Universal Toe Board (Wedge Type)	8' 6"	2572.0	22.7	10.3	Rack	100
UTB90	Universal Toe Board (Wedge Type)	9'	2743.0	22.7	10.3	Rack	100
UTB100	Universal Toe Board (Wedge Type)	10'	3048.0	26.2	11.9	Rack	100

2X10 SOLID SAWN DI-65 SCAFFOLD PLANK

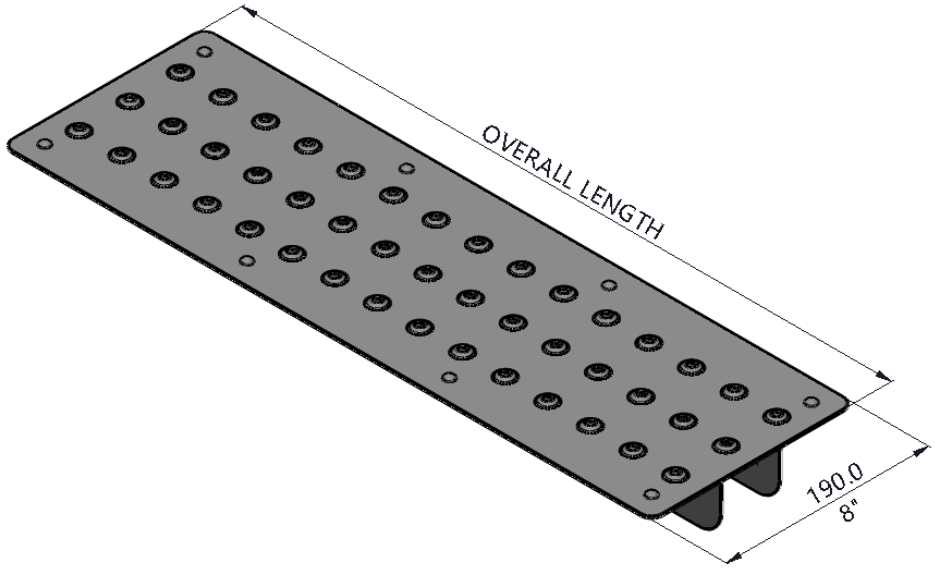
- Meets OSHA/ANSI Standards
- Available Widths: 2"x10"
- Rodded Ends
- Clipped Corners
- Custom Embossing
- Precision End trimming, End Painting,
- Made in the U.S.A
- Weight - 4lbs per foot
- Available lengths 4' - 16'
- AAIT stocks 4' 6', 8', and 10' in Houston

10"Width X 2" Thk.								
Product Code		DI-65-40	DI-65-60	DI-65-80	DI-65-100	DI-65-120	DI-65-140	DI-65-160
Size	Ft	4'	6'	8'	10'	12'	14'	16'
	MM	1219	1829	2438	3048	3658	4267	4877
Weight	Lbs	16	24	32	40	48	56	64
	Kg	7.3	10.9	14.5	18.2	21.8	25.5	29.1

8” WIDE INFILL PLANK

Infill planks are used to cover the gap over a ledger when two scaffold bays are side by side with planks running parallel to each other.

Material: Structural steel **Plank Width:** 8” / 190.0mm **Finish:** Pre-Galv.



Product Code	Description	Overall Length in mm	Weight		Packing	
	Bay Size		Lbs	Kg	Stillage	Quantity
IP20	8" Wide Infill Plank 2’ / 0.61m	450.0	4.6	2.1	Rack	270
IP-22-65	8" Wide Infill Plank 2’2” / 0.65m	490.0	5.1	2.3	Rack	270
IP-211	8" Wide Infill Plank 2’11” / 0.88m	740.0	7.6	3.5	Rack	270
IP-30	8" Wide Infill Plank 3’ / 0.91m	754.0	7.7	3.5	Rack	135
IP-36	8" Wide Infill Plank 3’6” / 1.07m	907.0	9.3	4.2	Rack	135
IP-310S	8" Wide Infill Plank 3’10” / 1.15m	990.0	10.2	4.6	Rack	135
IP-40	8" Wide Infill Plank 4’ / 1.22m	1059.0	10.9	4.9	Rack	135
IP-50	8" Wide Infill Plank 5’ / 1.52m	1364.0	14.0	6.4	Rack	135
IP-52	8" Wide Infill Plank 5’2” / 1.57m	1412.0	14.5	6.6	Rack	135
IP-60	8" Wide Infill Plank 6’ / 1.83m	1669.0	17.2	7.8	Rack	135
IP-70	8" Wide Infill Plank 7’ / 2.13m	1973.0	20.3	9.2	Rack	135
IP-80	8" Wide Infill Plank 8’ / 2.24m	2278.0	23.5	10.7	Rack	135
IP-86	8" Wide Infill Plank 8’6” / 2.57m	2412.0	24.8	11.3	Rack	135
IP-100	8" Wide Infill Plank 10’ /3.05m	2888.0	29.7	13.5	Rack	135

28” WIDE LADDER HATCH DECK

Hatch decks are used to provide access to successive levels of a scaffold tower. The plank has an integrated aluminium ladder and a hatch door for the worker to climb through.

Material: Aluminium/Plywood **Finish:** Mill/None

Product Code	Description	Load Rating SWL UDL Lbs/Sq. Ft	Weight		Packing	
			Lbs	Kg	Stillage	Quantity
AWPL28-70	28" Wide Ladder Hatch Decks 7’	75 LBS /SQ. FT	64.6	29.4		
AWPL28-100	28" Wide Ladder Hatch Decks 10'	50 LBS /SQ. FT	81.1	36.9		

19” WIDE ALUMINIUM PLYWOOD DECK

19” wide aluminium plywood decks are used to provide walkways and work areas on scaffolds.

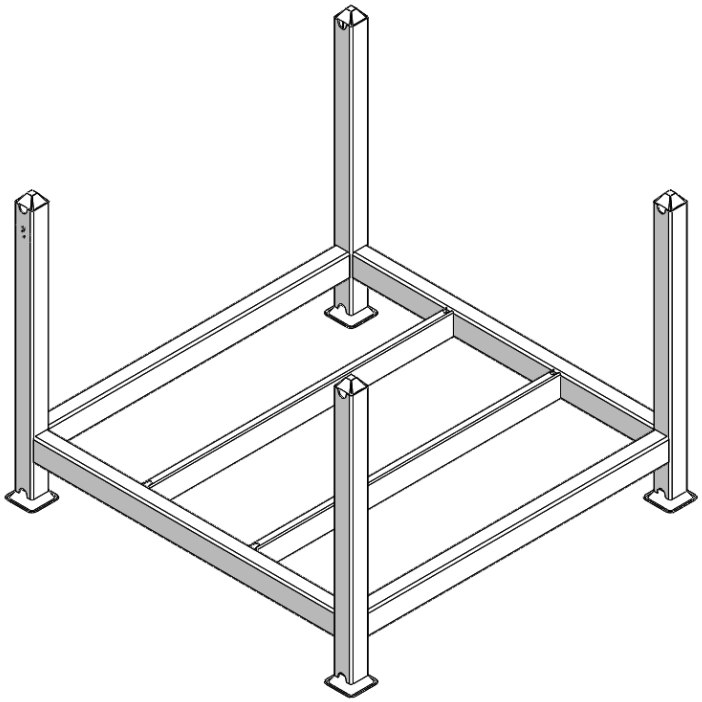
Material: Aluminium/Plywood **Finish:** Mill/None

Product Code	Description	Load Rating SWL UDL	Weight		Packing	
	Bay Size	LBS/SQ. FT	Lb.	Kg	Stillage	Quantity
G-7APD-SQ	19" Wide Aluminium Plywood Deck 7	75	39.6	18.0		

SCAFFOLD RACK

Scaffold racks are used for packing & storing larger scaffolding components.

Material: Structural steel **Finish:** HDG



SAFE WORKING LOAD – 5500 Lbs / 2500Kg
MAXIMUM ALLOWABLE STACK – 5

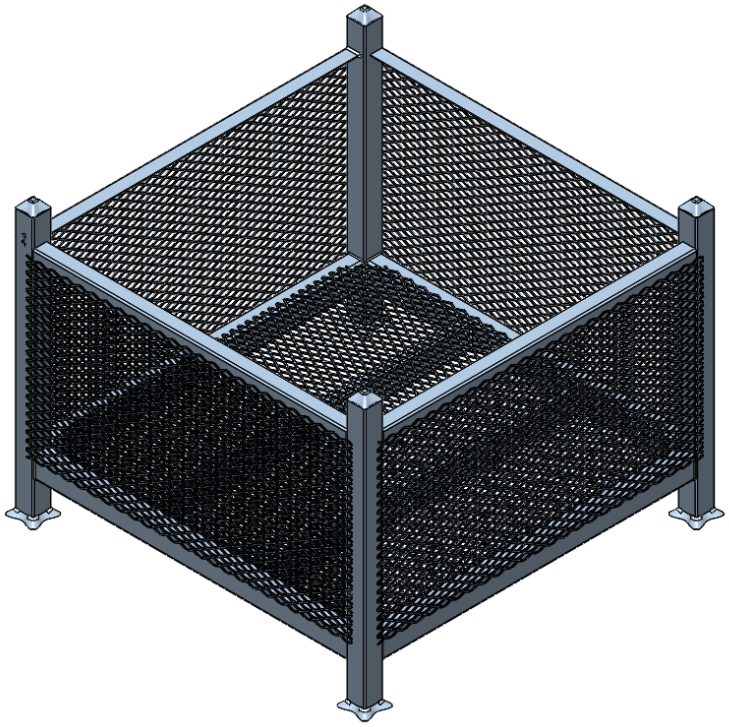
Product Code	Description	Weight	
		Lb.	Kg
SSRS-GI	Scaffold Rack (Sq Tube) Regular Height (34.5”)	107.8	49.0
SSRS-SH-GI	Scaffold Rack (Sq Tube) Short Height (30.3”)	105.6	48.0

SCAFFOLD BASKET

Scaffold baskets are used for packing & storing smaller components.

Material: Structural steel

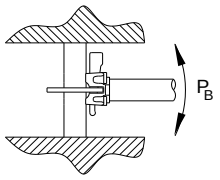
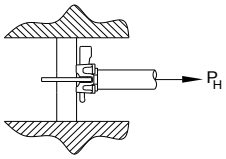
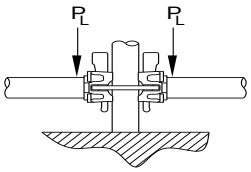
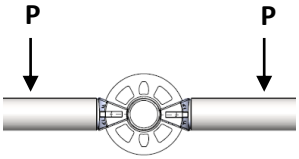
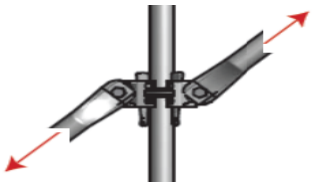
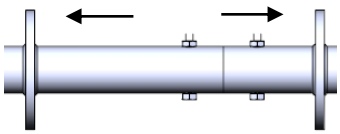
Finish: Liquid painted- Grey colour



Product Code	Description	Weight	
		Lb.	Kg
SSB	Scaffold Basket (Regular Size)	156.0	70.9

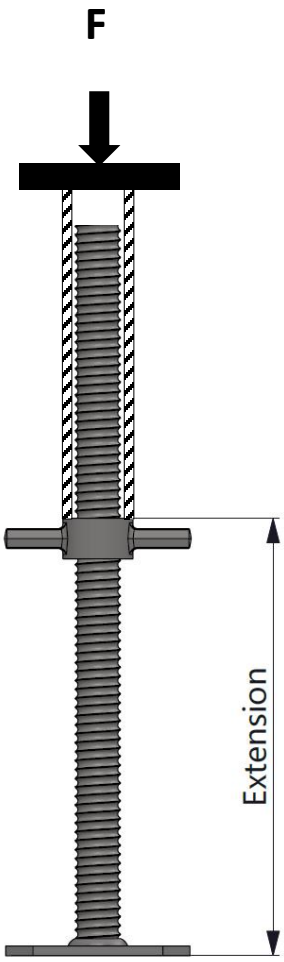
Ringlock System – Engineering & Safe Working Loads

RINGLOCK SYSTEM NOTE POINTS TEST RESULTS

RINGLOCK SYSTEM NODE POINTS TEST RESULTS			
S. No.	**LOAD TYPE**	**SKETCH**	**TEST RESULTS OBSERVED**
1	BENDING MOMENT		1.67 KN-M
3	HORIZONTAL FORCE		57.0 Kn.
4	VERTICAL SHEAR FORCE		55.0 Kn.
5	HOR. SHEAR FORCE		31.0 Kn.
6	AXIAL FORCE ON BRACE ENDS		50.7 Kn.
7	BOLTED SPIGOT TENSILE LOAD		63.6 Kn.

SYSTEM BASE JACK

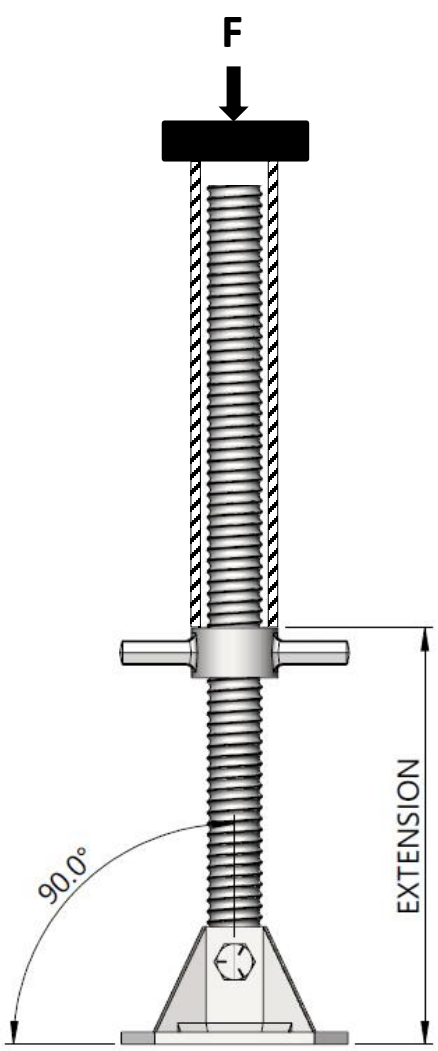
F= COMPRESSIVE FORCE

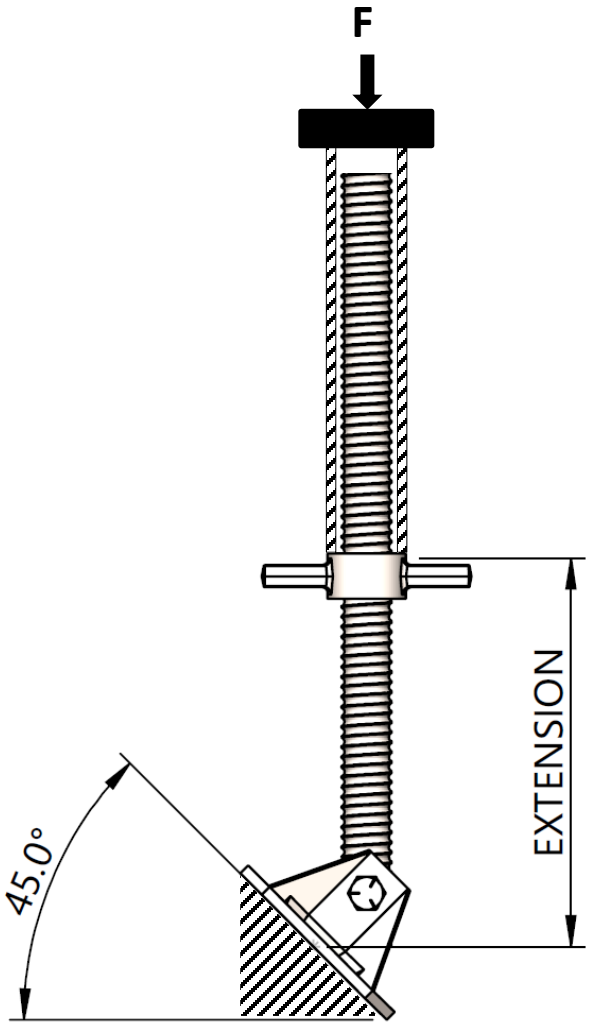


Product Code	Description	Extension		Safe Work Load		Weight	
		Inch	MM	Lbs	kN	Lbs	Kg
SJB	System Base Jack	6"	150.0	15736.0	70.0	9.13	4.15
		12"	300.0	14612.0	65.0		
		18"	455.0	13713.0	61.0		
BPSJB	System Base Jack	6"	150.0	15736.0	70.0	9.0	4.09
		12"	300.0	14612.0	65.0		
		15"	375.0	13713.0	61.0		

Factor of Safety 4:1

SWIVEL BASE JACK

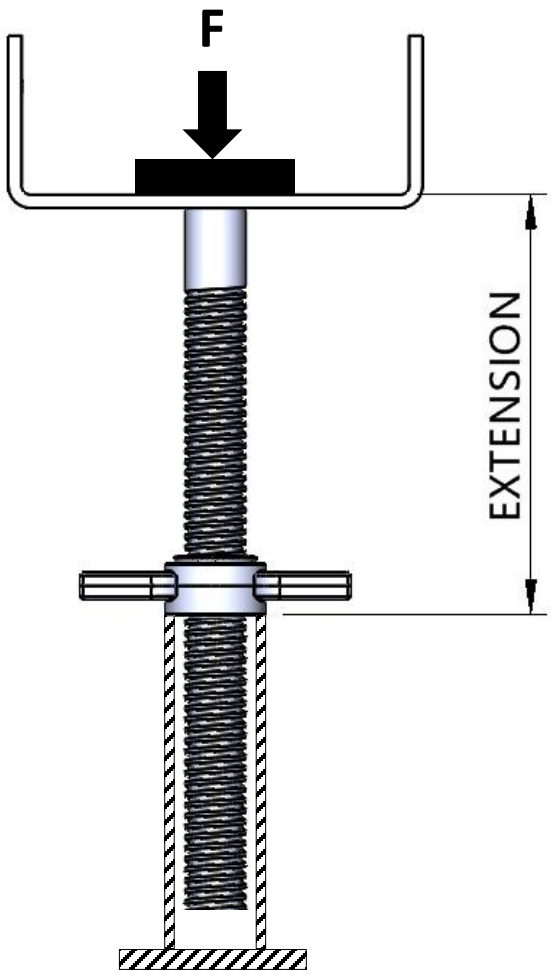




Product Code	Description	Extension		Safe Work Load 90°		Safe Work Load 45°		Weight	
		Inch	MM	Lbs	kN	Lbs	kN	Lbs	Kg
SJS	Swivel Base Jack	6"	150.0	18209.0	81.0	12814.0	57.0	11.2	5.1
		12"	300.0	15287.0	68.0	12589.0	56.0		
		18"	455.0	13038.0	58.0	12589.0	56.0		

Factor of Safety 4:1

ADJUSTABLE U-HEAD JACK SIZE 8” X 9” WIDE



Product Code	Description	Extension		Safe Work Load		Weight	
		Inch	MM	Lbs	kN	Lbs	Kg
RUSJ	ADJUSTABLE U-HEAD JACK SIZE 8” X 9” WIDE	6"	150.0	9000.0	40.0	12.2	7.8
		12"	300.0	8000.0	35.6		
		18"	457.0	7500.0	33.4		

Factor of Safety 4:1

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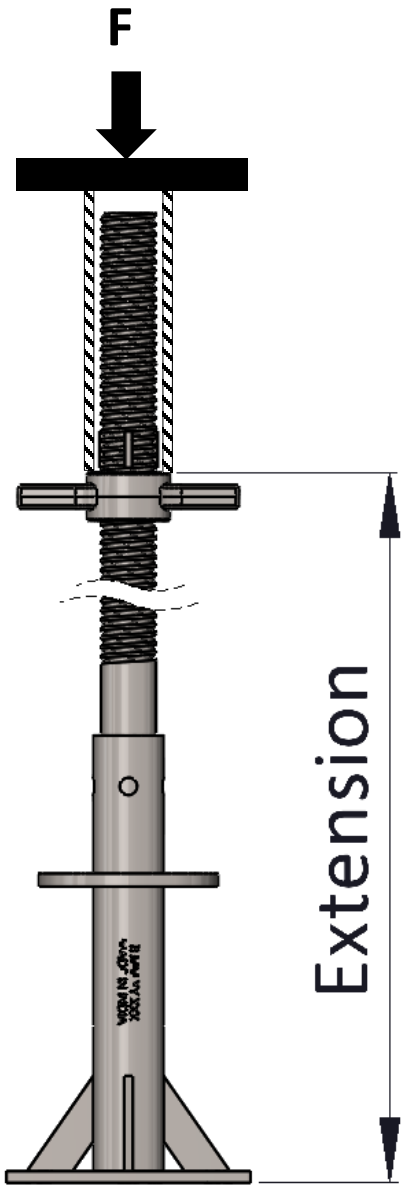
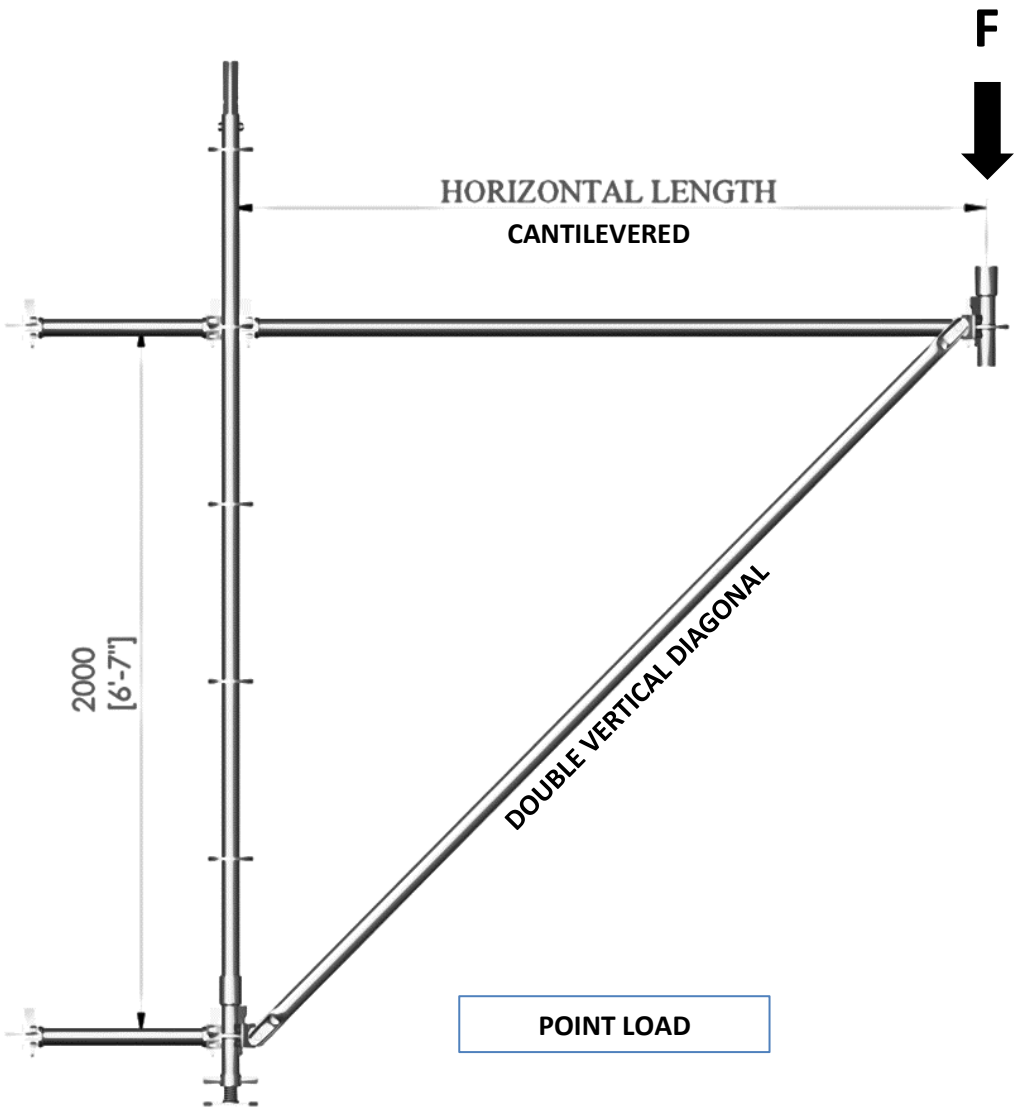
AJUSTABLE CASTER ADAPTOR



Product Code	Description	Extension		Safe Work Load		Weight	
		Inch	MM	Lbs	kN	Lbs	Kg
U-RACA	ADJUSTABLE CASTER ADAPTOR	14"	355.0	11300.0	50.2	15.6	7.1
		26"	660.0	11700.0	52.0		
		34"	860.0	13000.0	57.8		

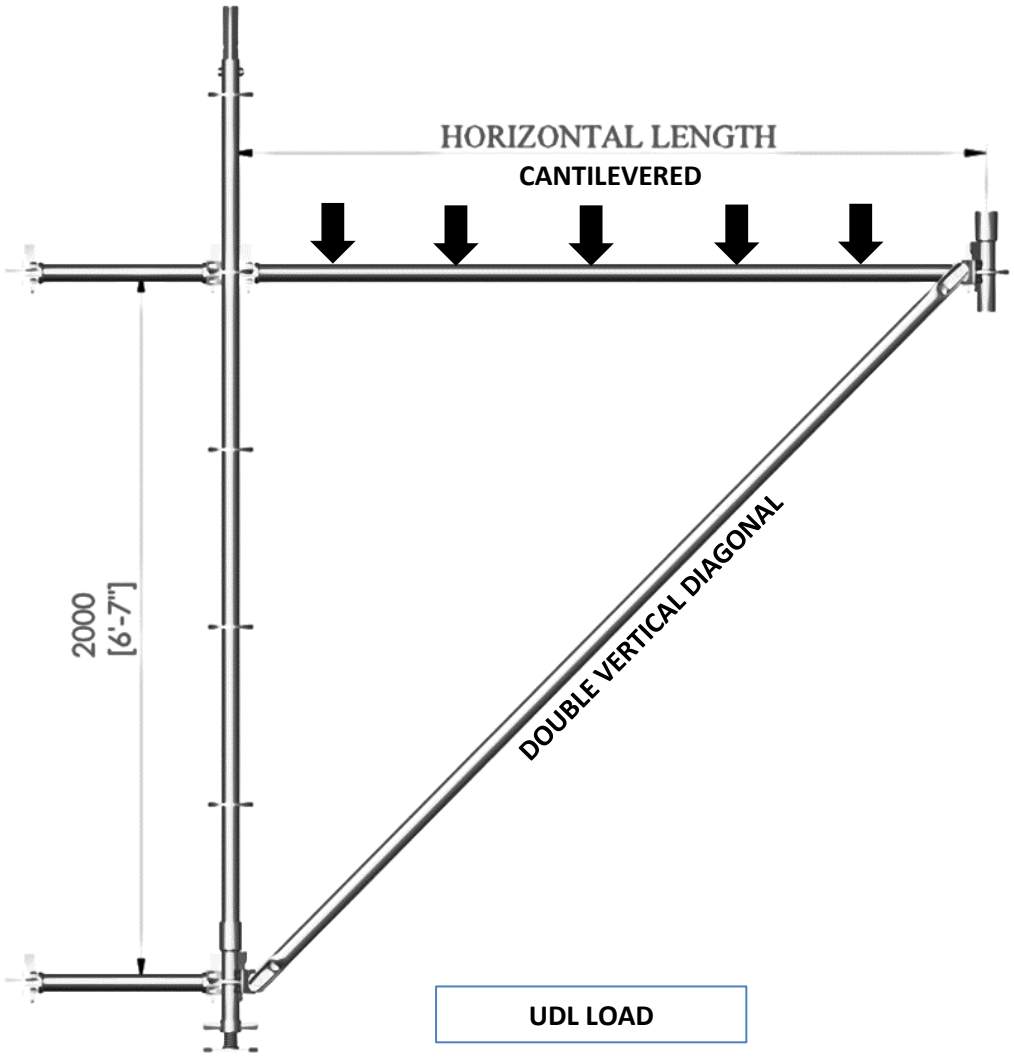
Factor of Safety 4:1

RIGER ASSEMBLY



Product Code	Cantilevered Horizontal Distance		Point Load	
	Ft-Inch	MM	Lbs	kN
RH36	3'6"	1069.0	1059.0	4.7
RH50	5'	1524.0	807.0	3.6
RH69	6'9"	2072.0	681.0	3.0
RH70	7'	2133.0	597.0	2.7

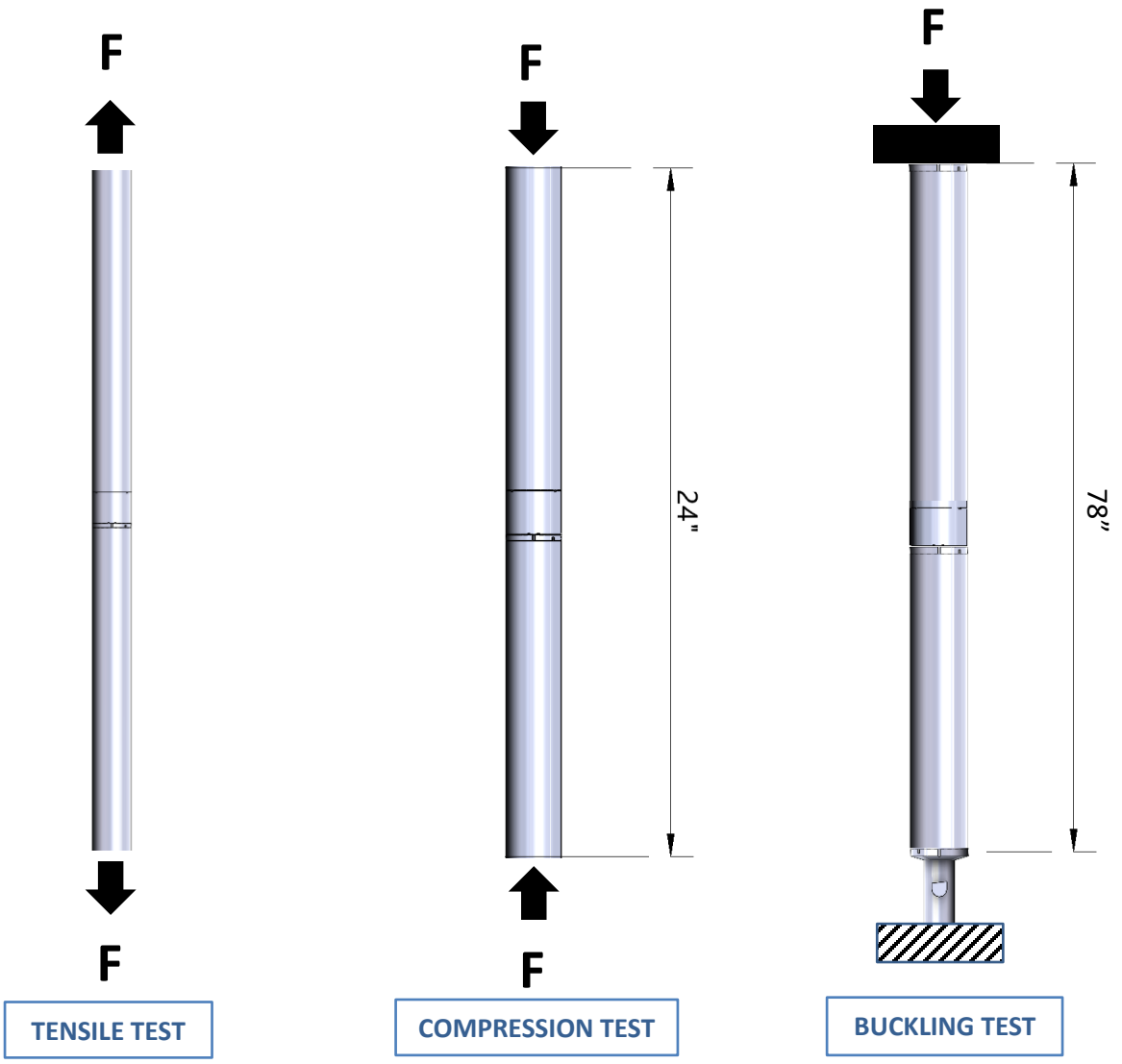
Factor of Safety 4:1



Product Code	Cantilevered Horizontal Distance		UDL	
	Ft-Inch	MM	Lbs/ft	Kg/m
RH36	3'6"	1069.0	715.0	1065.0
RH50	5'	1524.0	383.0	570.0
RH69	6'9"	2072.0	200.0	299.0
RH70	7'	2133.0	200.0	299.0

Factor of Safety 4:1

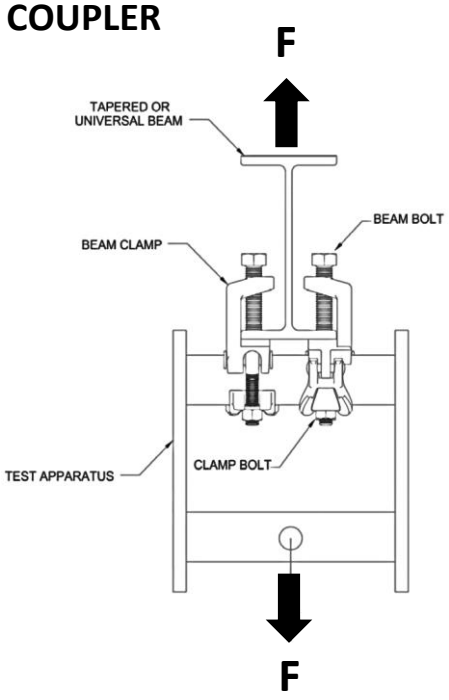
TUBE LOCK



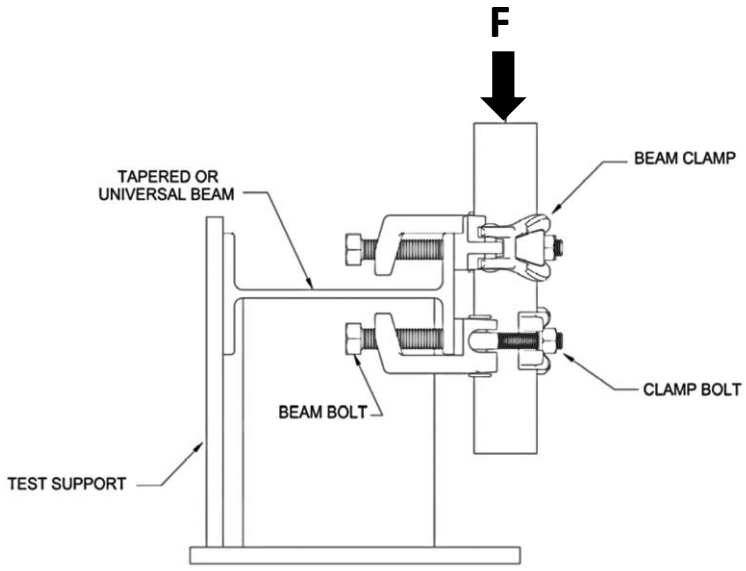
Product Code	Load Specification	Safe Work Load	
		Lbs	kN
ST2-SG	Tensile Load	5900.0	26.0
ST2-SG	Compression Load	9600.0	42.0
ST3-SG	Buckling Load	2250.0	10.0

Factor of Safety 4:1

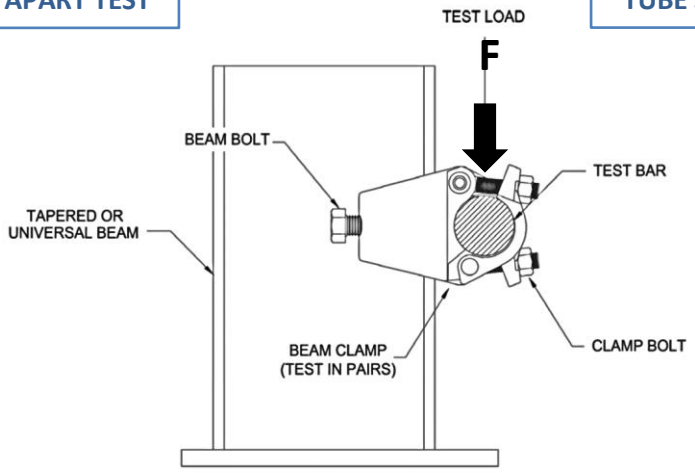
IBTC COUPLER



PULL APART TEST



TUBE SLIP TEST



CLAMP SLIP TEST

Product Code	Load Specification	Safe Work Load	
		Lbs	kN
IBTC	Tube Slip	900.0	4.0
	Clamp Slip	1800.0	8.0
	Pull Apart	5400.0	24.3

Factor of Safety 4:1

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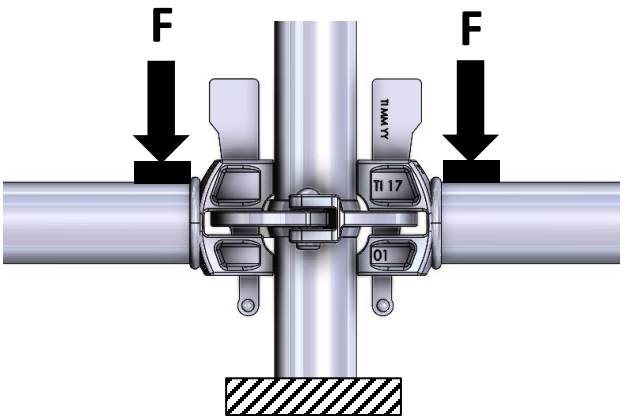
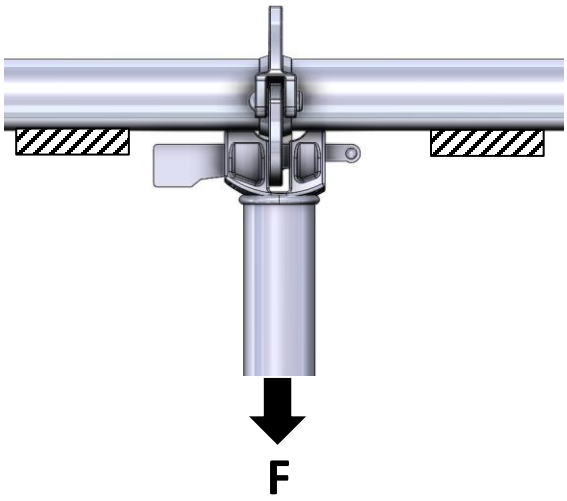
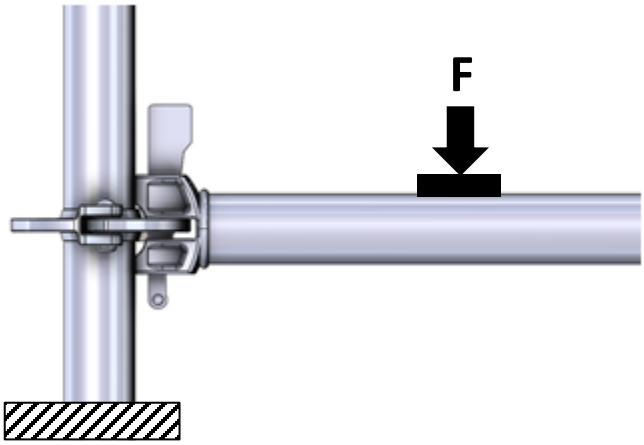
ROSSETE CLAMP



VERTICAL SHEAR FORCE TEST



HORIZONTAL FORCE TEST



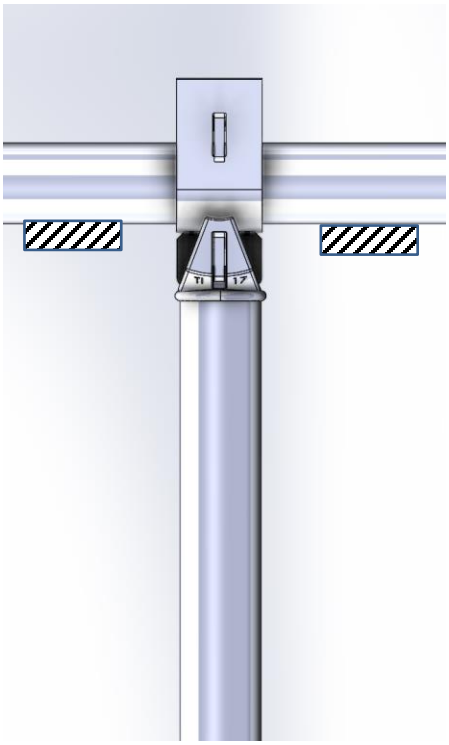
BENDING MOMENT

Product Code	Load Specification	Safe Work Load	
		Lbs	kN
RCLB	Vertical Shear Force Test	1300.0	5.9
	Horizontal Force Test	2800.0	12.6

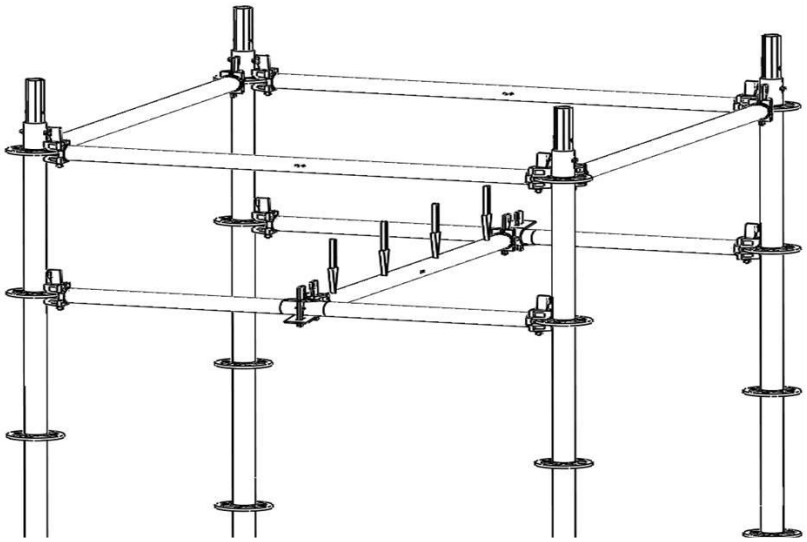
Product Code	Load Specification	Safe Work Load	
		Lbs-Ft	kN-M
RCLB	Bending Moment (+)	295.0	0.4

Factor of Safety 4:1

INTERMIDIATE TRANSOM CLAMP



TENSILE TEST



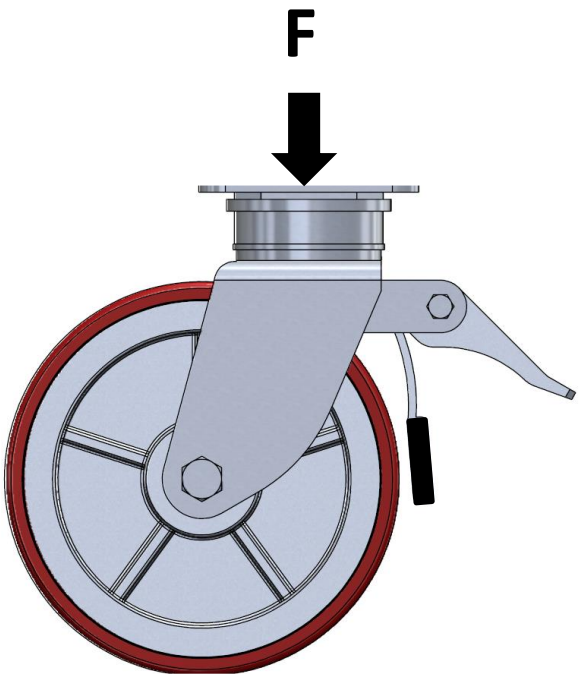
UDL TEST

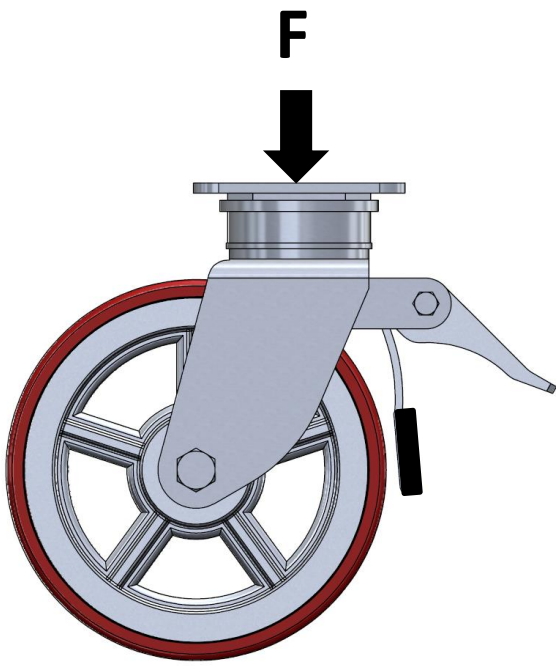
Bay Size		Uniformly Distributed Load ("U")	
Ft-In	Meter	Lbs	Kgs
4' X 4'	1.2 X 1.2	1760.0	800.0
4' X 7'	1.2 X 2.1	840.4	382.0
4' X 10'	1.2 X 3.0	561.0	255.0

Product Code	Load Specification	Safe Work Load	
		Lbs	kN
RL-ITC	Tensile test	1800.0	8.0

Factor of Safety 4:1

12” CASTER



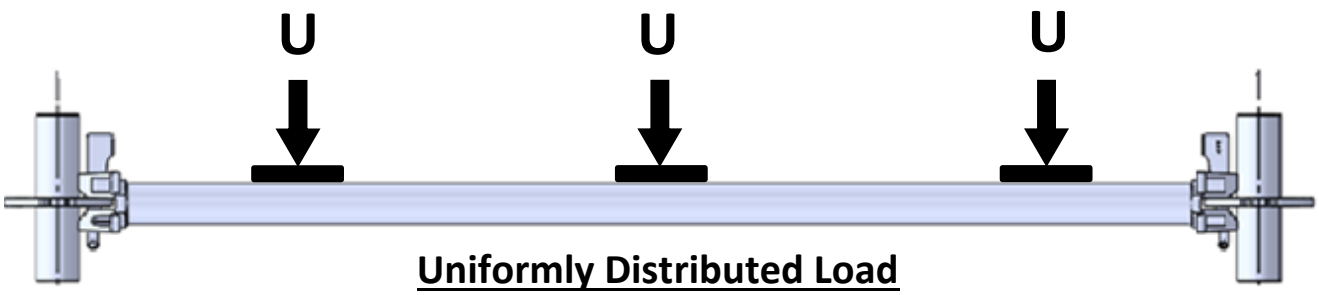


Product Code	Description	Safe Working Load		Weight	
		Lbs	Kn	Lbs	Kg
CR12-H	12" CASTER WHEEL (HEAVY DUTY)	3000	13.3	40.9	18.6
CR12	12" CASTER WHEEL (NORMAL DUTY)	1900	8.5	33.7	15.3

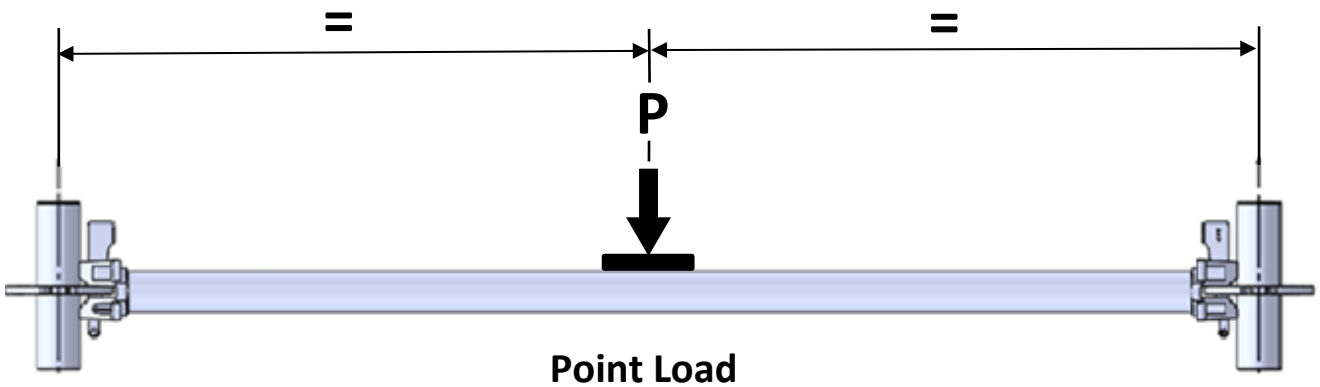
Notes: These loading specifications are provided for caster strength only. The maximum allowable load for this product must be determined from the vertical members attached to the casters or the specification in the chart above, whichever is less.

Factor of Safety 4:1

LEDGERS / HORIZONTALS



Uniformly Distributed Load



Point Load

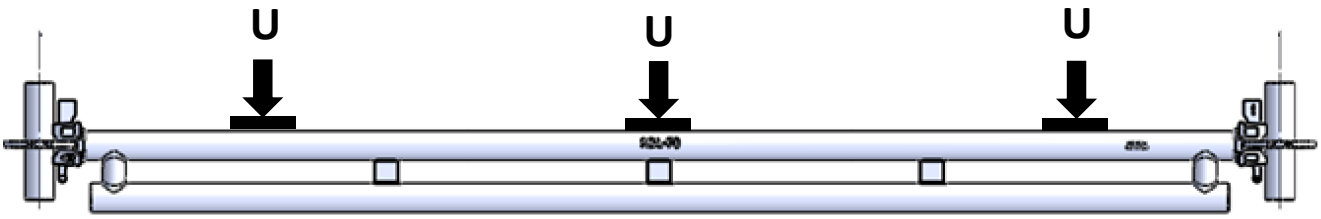
Safe Working Loads On Next Page…

Product Code	Effective length		Uniformly Distributed Load ("U")		Centre Point Load ("P")	
	Ft-In	Meter	Lbs/Ft	Kgs/m	Lbs	Kgs
RL-20	2'	0.609m	1795.0	2671.0	1547.0	703.0
RL-30	3'	0.914m	963.0	1433.0	1296.0	589.0
RL-36	3'6"	1.066m	715.0	1065.0	1235.0	561.0
RL-40	4'	1.219m	563.0	837.0	1038.0	472.0
RL-50	5'	1.524m	383.0	570.0	788.0	358.0
RL-60	6'	1.829m	273.0	407.0	639.0	291.0
RL-70	7'	2.134m	201.0	299.0	571.0	260.0
RL-80	8'	2.438m	144.0	215.0	523.0	238.0
RL-90	9'	2.743m	116.0	172.0	498.0	226.0
RL-100	10'	3.048m	98.0	146.0	493.0	224.0

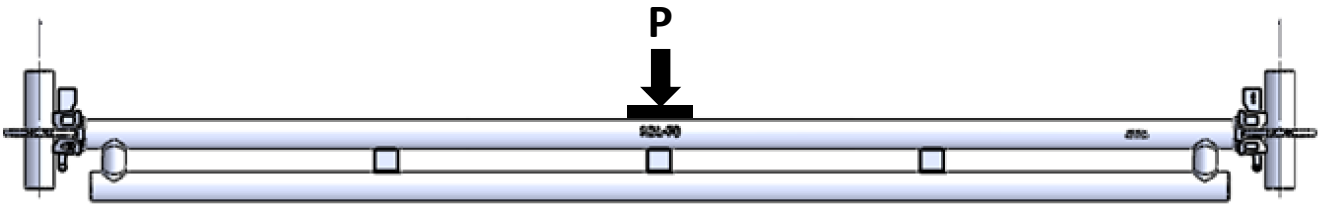
Notes: These loading specifications are provided for ledger strength only. The maximum allowable load for this product must be determined from the verticals which the ledgers are attached to, their connection points the platform material used on the ledgers or the specification in the chart above, whichever is less.

Factor of Safety 4:1

DOUBLE LEDGERS



Uniformly Distributed Load



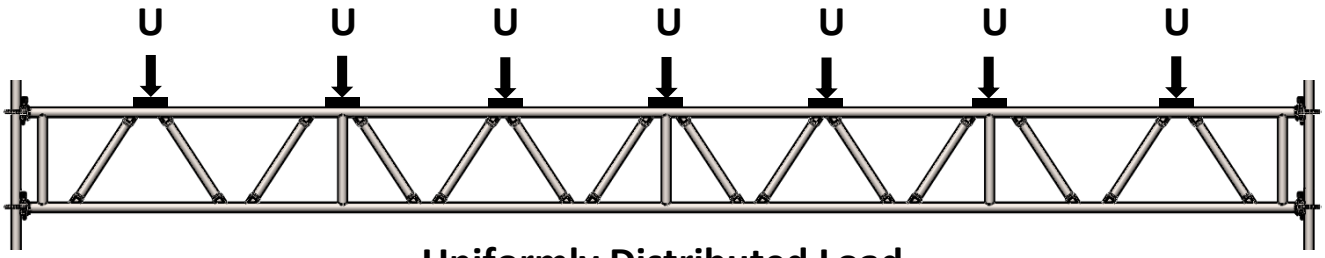
Point Load

Product Code	Effective length	Uniformly Distributed Load ("U")		Point Load ("P")	
		Lbs/Ft	Kgs/m	Lbs	Kgs
RDL-50	5'	763.0	1136.0	2159.0	981.0
RDL-60	6'	809.0	1204.0	2367.0	1076.0
RDL-70	7'	533.0	794.0	2022.0	919.0
RDL-80	8'	422.0	628.0	1763.0	801.0
RDL-90	9'	408.0	607.0	1757.0	799.0
RDL-100	10'	365.0	544.0	1575.0	716.0

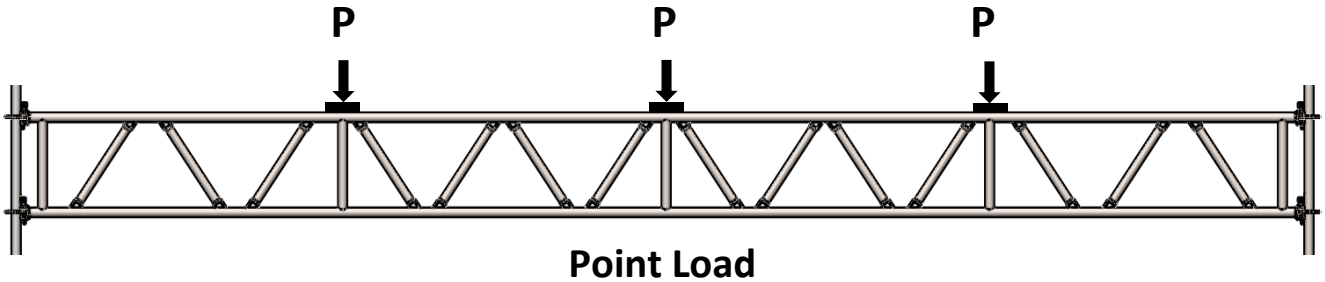
Notes: These loading specifications are provided for double ledger strength only. The maximum allowable load for this product must be determined from the verticals to which the double ledgers are attached to, their connection points, and the platform material used on the ledgers or the specification in the chart above, whichever is less.

Factor of Safety 4:1

LATTICE GIRDERS



Uniformly Distributed Load



Point Load

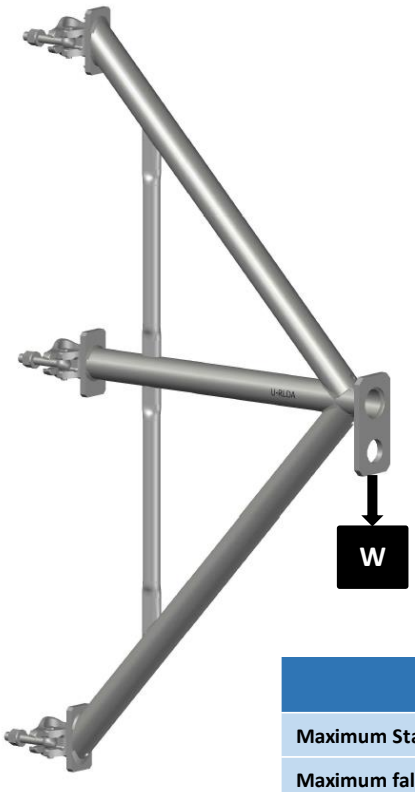
Safe Working Loads On Next Page…

Product Code	Effective length	Uniformly Distributed Load ("U")		Point Load ("P") kN / lbs				
				Load Per Point		No of Load Points	Total Point Load	
		kN	lbs	kN	lbs		kN	lbs
TRLLG310S	3'10"	23.9	5374	15.4	3466 (At Middle)	1	15.4	3466 (At Middle)
TRLLG5	5'	27.7	6220	17.2	3870 (At Middle)	1	17.2	3870 (At Middle)
TRLLG6	6'	27.0	6070	16.7	3765 (At Middle)	1	16.7	3765 (At Middle)
TRLLG7	7'	33.6	7563	17.1	3839(At Middle)	1	17.1	3839(At Middle)
TRLLG8	8'	35.4	7948	15.9	3566 (At Middle)	1	15.9	3566 (At Middle)
TRLLG9	9'	18.8	4229	13.4	3018 (At Middle)	1	13.4	3018 (At Middle)
TRLLG10	10'	29.2	6554	14.3	3217 (At Middle)	1	14.3	3217 (At Middle)
TRLLG12	12'	16.0	3608	10.6	2380 (At Middle)	1	10.6	2380 (At Middle)
TRLLG14	14'	14.6	3277	8.9	2007 (At Middle)	1	8.9	2007 (At Middle)
TRLLG16	16'	14.2	3194	8.4	1882 (At Middle)	1	8.4	1882 (At Middle)
TRLLG18	18'	13.1	2944	6.6	1476 (At Middle)	1	6.6	1476 (At Middle)
TRLLG20	20'	14.5	3251	3.9	887 (Per Point)	2	7.8	1774 (For 2 Point)
TRLLG21	21'	15.2	3425	4.4	979 (Per Point)	2	8.7	1958 (For 2 Point)
TRLLG24	24'	9.6	2148	3.0	680 (Per Point)	3	9.0	2039 (For 3 Point)
TRLLG28	28'	8.3	1866	2.7	613 (Per Point)	3	8.1	1841 (For 3 Point)

Notes: These loading specifications are provided for lattice girder strength only. The maximum allowable load for this product must be determined from the verticals the lattice girders are attached to, their connection points, and the platform material used on the lattice girders or the specification in the chart above, whichever is less.
All these loads are without tie between two lattice girders in parallel.

Factor of Safety 4:1

UNIVERSAL DAVIT ARM

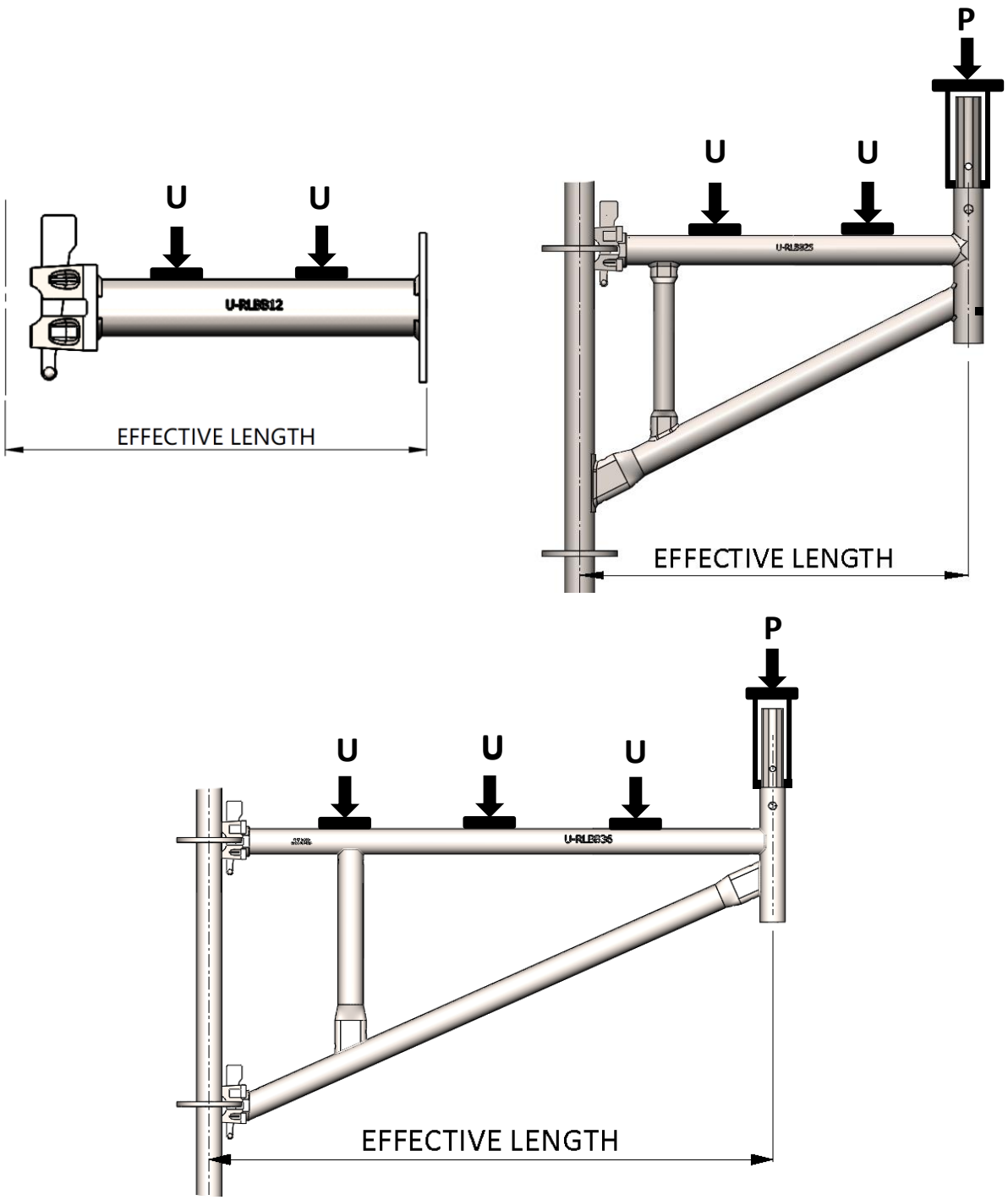


Load Type	Extension		Safe Work Load	
	Inch	mm	kN	lbs
Maximum Static load (Factor of Safety - 4:1)	24"	600	8.3	1863
Maximum fall arrest Impact load (Factor of Safety - 2:1)	NA	NA	8.0	1800

SCAFFOLD UNIVERSAL DAVIT ARM INSTALLATION NOTES.

1. As per ANSI Z359.14-2021, Class-I & Class-II test results passed.
2. Erect scaffold as required by OSHA, CAN/CSA and instruction given in AAIT instruction manual.
3. Ensure all locking devices are engaged & fitted properly.
3. Provide anchors & tying them to structural steel or concretes.
4. Install Universal Davit arm with torque of clamp fasteners 45-60 Ft. lbs (60-80Nm.).
5. Do assembly only on scaffold made Ø48.3 outer tube only.
6. It is recommended that bottom rest on ring, tie / connection

BOARD BRACKETS / SIDE BRACKETS

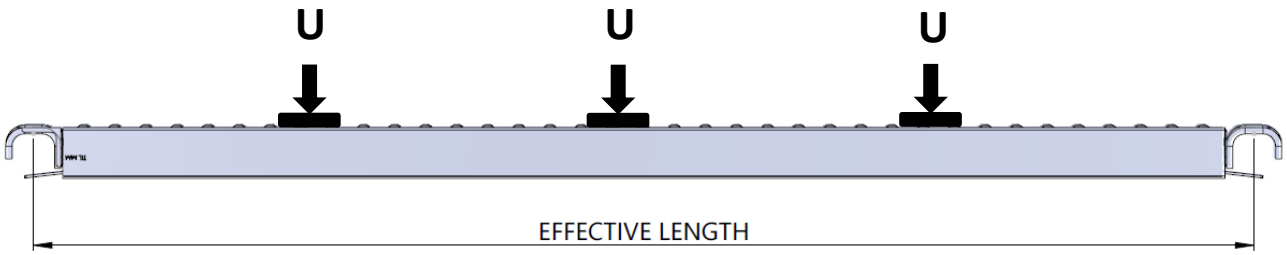


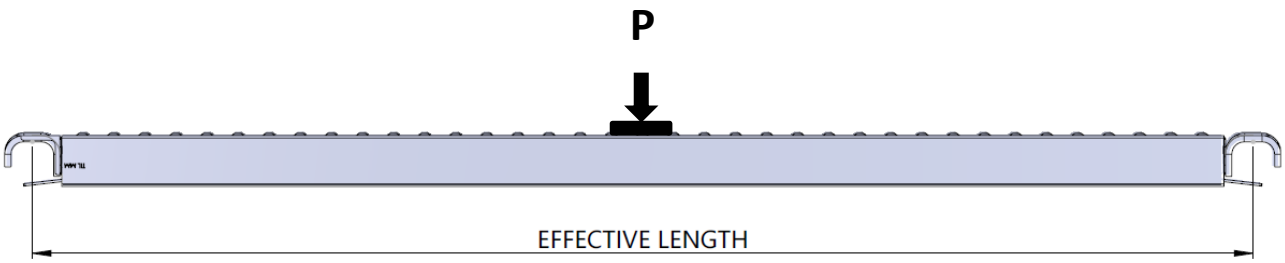
Product Code	Description	Uniformly Distributed Load ("U")		Point Load ("P")	
		Lbs/Ft	Kg/M	Lbs	Kg
U-RLBB12	One Board Bracket 1'	370.0	550.0	233.0	106.0
U-RLBB20	One Board Bracket 2'	1035.0	1540.0	918.0	416.0
U-RLBB24-73	One Board Bracket 2'4"	800.0	1190.0	895.0	405.0
U-RLBB211	Three Board Bracket-2'11"	607.0	905.0	867.0	394.0
U-RLBB30	Three Board Bracket-3'	591.0	882.0	830.0	377.0
U-RLBB36	Four Board Bracket-3'6"	485.0	724.0	802.0	365.0
U-RLBB310S	Four Board Bracket-3'10"	400.0	595.0	690.0	312.0

Notes: These loading specifications are provided for side bracket strength only. The maximum allowable load for this product must be determined from the platform material or the specification in the chart above, whichever is less. Side brackets are not to be used to support standards unless designed by an engineer.

Factor of Safety 4:1

8” / 190mm WIDE STEEL FILLER PLANK- WBSWP TYPE





Product Code	Effective Length		Safe UDL load			Safe Point load (P)	
	Feet	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	lbs	Kgs
SFP8-10	10'	3.0	94	152	743	303	138
SFP8-86	8'6'	2.5	134	226	1105	416	189
SFP8-7	7'	2.1	186	312	1523	485	221
SFP8-52	5'2"	1.5	280	481	2346	564	257

* All planks from 5’2” to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

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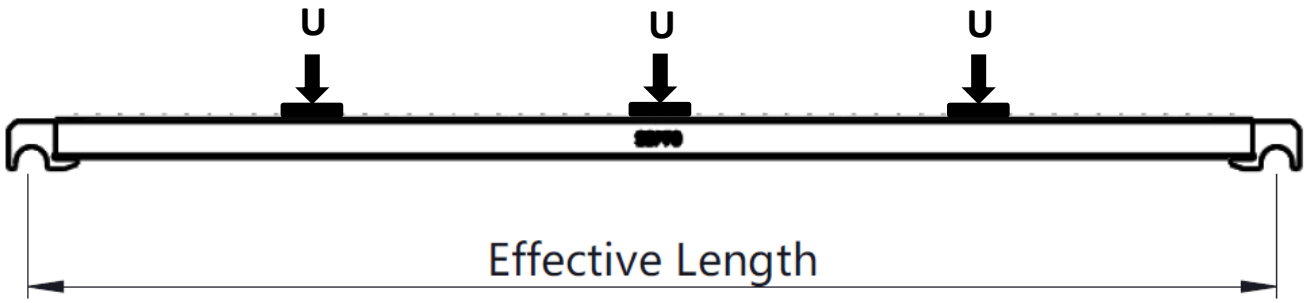
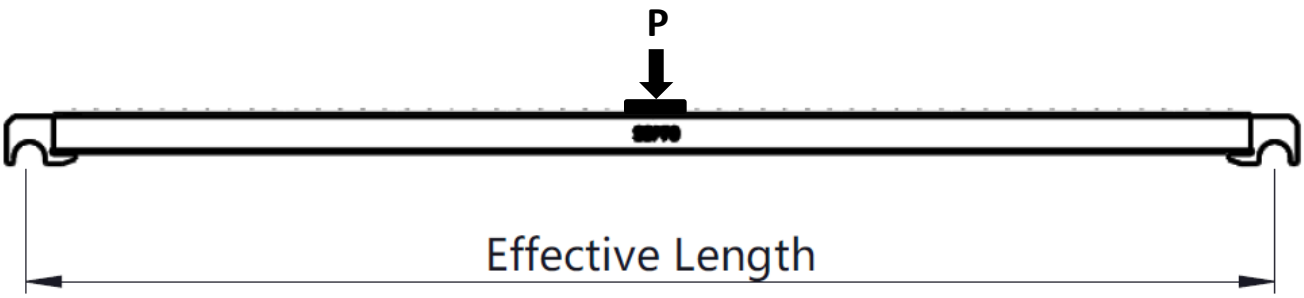
9” WIDE STEEL PLANK – SSP TYPE



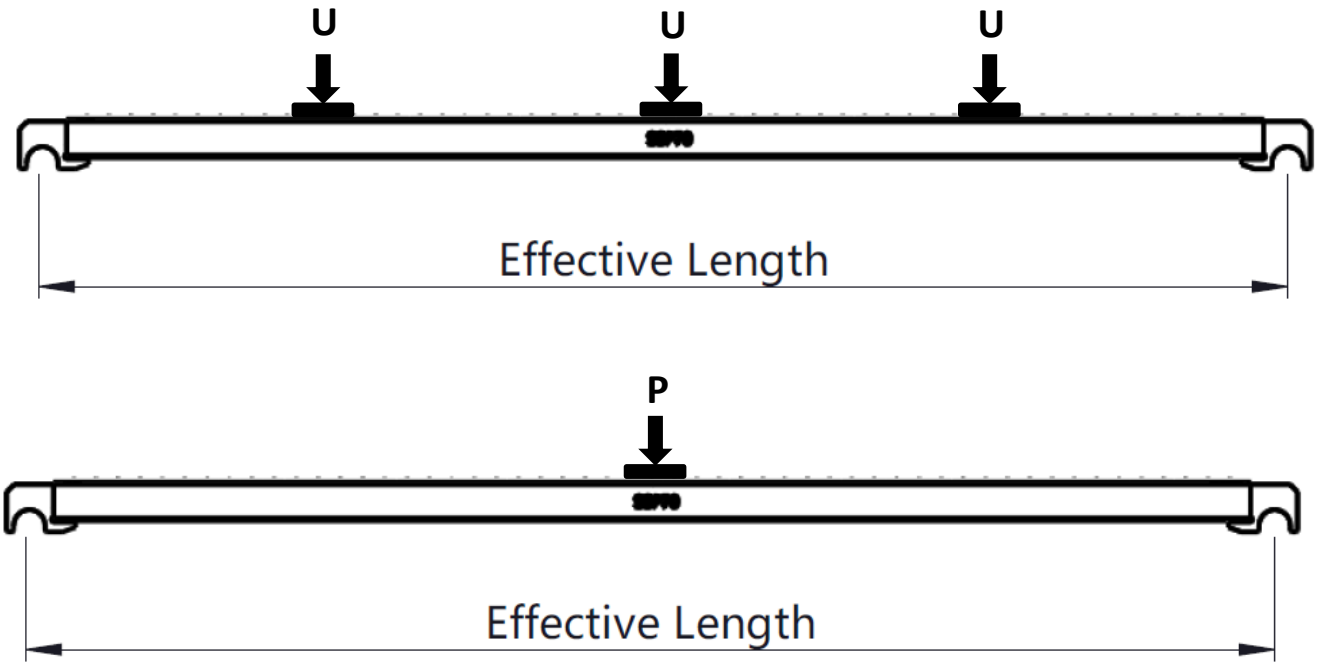


Product Code	Effective Length		Safe UDL load			Safe Point load (P)	
	Feet	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	lbs	Kgs
SSP20	2'	0.6	1120	1723	8412	859	391
SSP30	3'	0.9	665	974	4775	765	347
SSP36	3' 6"	1.1	544	769	3844	700	319
SSP40	4'	1.2	421	589	2651	644	293
SSP50	5'	1.5	259	357	1607	541	246
SSP60	6'	1.8	177	242	1087	472	214
SSP70	7'	2.1	115	138	655	359	173
SSP80	8'	2.4	84	113	510	322	147
SSP90	9'	2.7	66	89	400	275	125
SSP100	10'	3.0	60	80	359	230	114

* All SSP planks from 2’ to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

6” WIDE STEEL PLANK- SSP TYPE

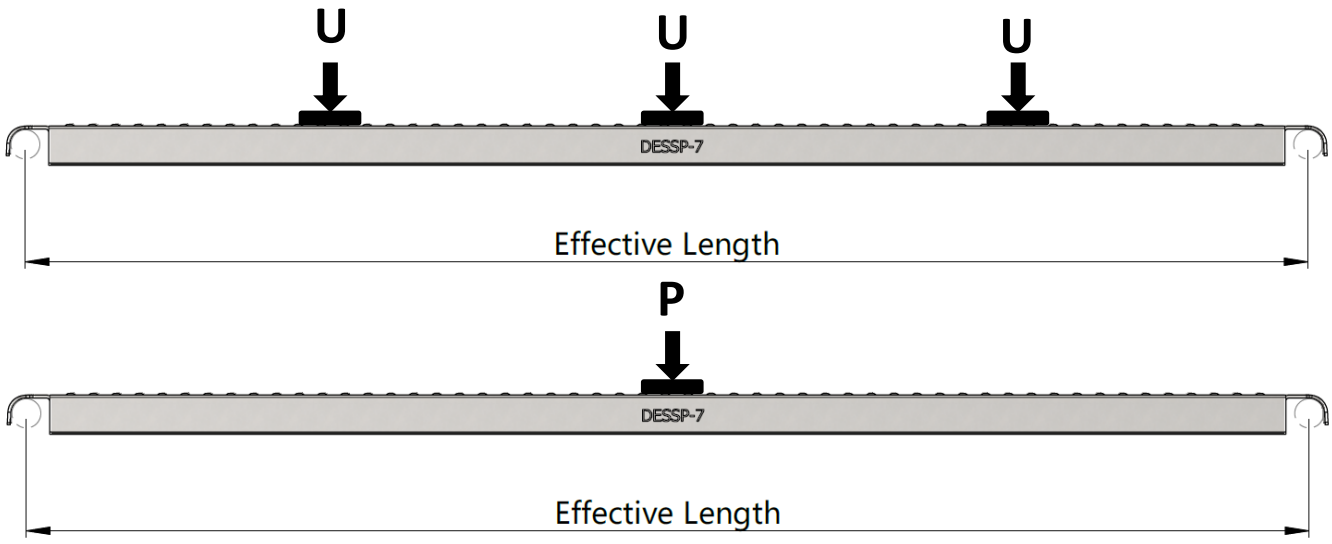


Product Code	Effective Length		Safe UDL load			Safe Point load (P)	
	Feet	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	lbs	Kgs
SSP6-30	3'	0.6	814	1641	7991	914	416
SSP6-40	4'	1.2	513	1028	5035	802	365
SSP6-50	5'	1.5	346	692	3390	625	284
SSP6-70	7'	2.1	201	404	1973	495	225
SSP6-80	8'	2.4	142	283	1391	410	187
SSP6-90	9'	2.7	110	222	1075	359	163
SSP6-100	10'	3.0	84	168	824	345	157

* All 6” Wide planks from 3’ to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

9” WIDE DESSP STEEL PLANKS

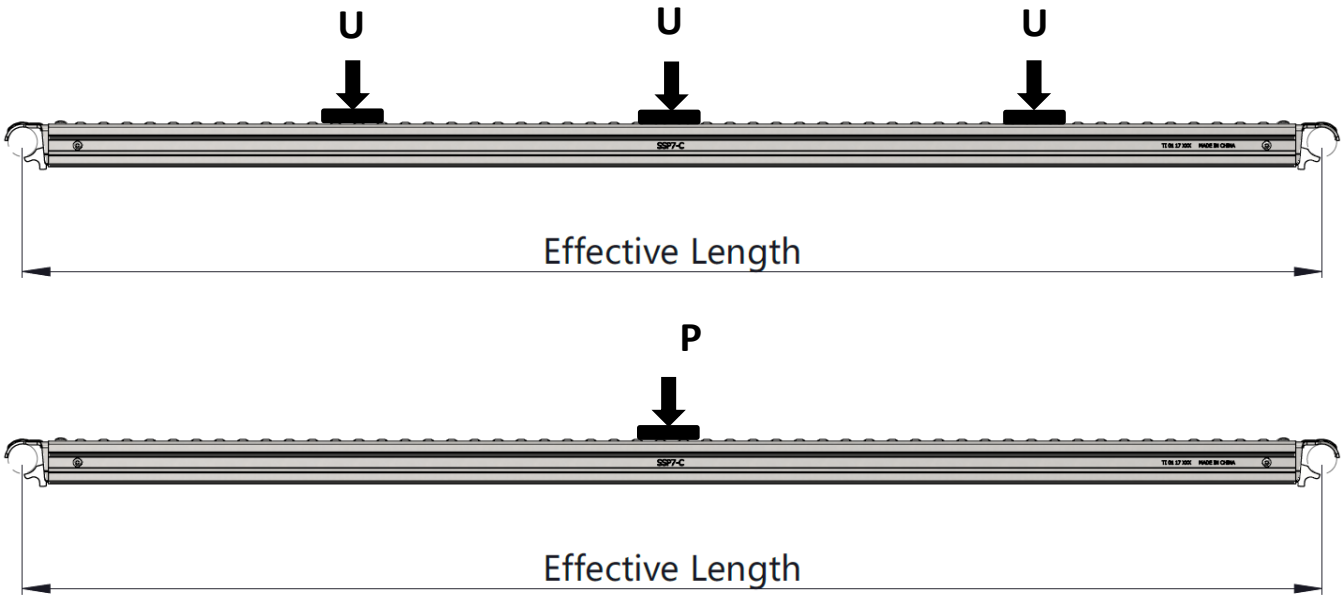


Product Code	Effective Length		Safe UDL load			Safe Point load	
	Ft-In	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	Lbs	Kgs
DESSP2	2'	0.6	572	880	4333	1184	538
DESSP3	3'	0.9	383	560	2747	900	410
DESSP36	3'6"	1.1	328	464	2270	816	371
DESSP4	4'	1.2	272	389	1904	719	327
DESSP5	5'	1.5	190	267	1310	556	253
DESSP6	6'	1.8	120	168	822	444	202
DESSP7	7'	2.1	98	135	666	388	176
DESSP8	8'	2.4	86	119	580	285	130
DESSP9	9'	2.7	69	95	460	255	116
DESSP10	10'	3.0	62	85	413	250	113

* All DESSP planks from 2’ to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

9.5” WIDE SSP-C (CANADIAN) STEEL PLANKS

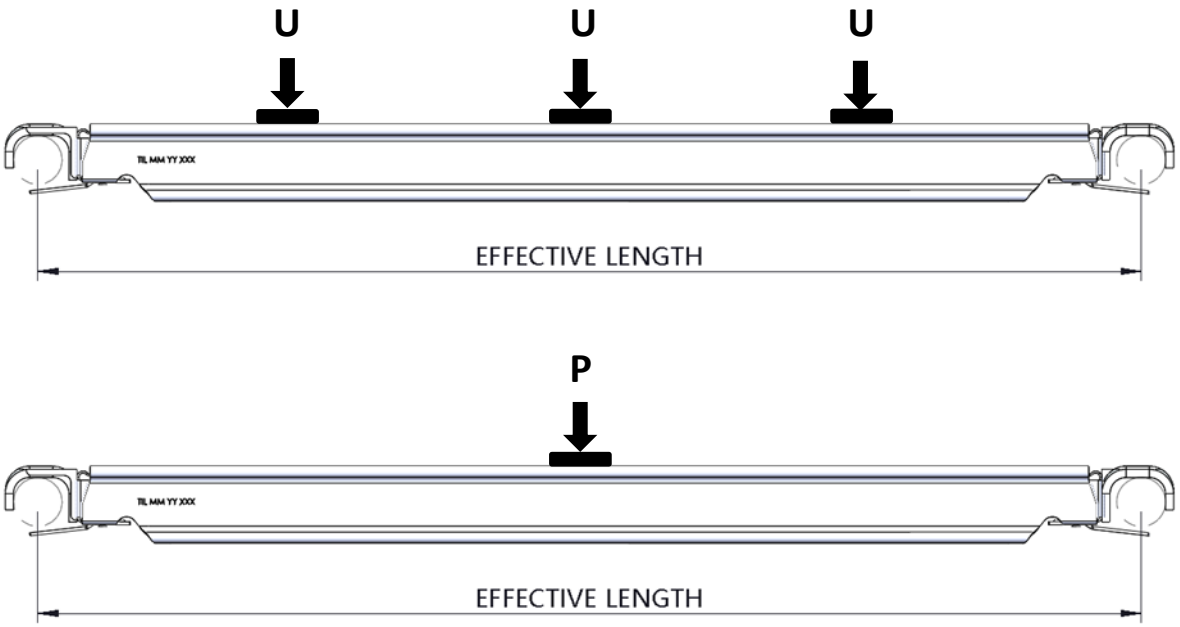


Product Code	Effective Length		Safe UDL load			Safe Point load (P)	
	Feet	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	lbs	Kgs
SSP2- C	2'	0.6	572	880	4333	1184	538
SSP3- C	3'	0.9	383	560	2747	900	410
SSP36- C	3' 6"	1.1	328	464	2270	816	371
SSP4- C	4'	1.2	272	389	1904	719	327
SSP5- C	5'	1.5	190	267	1310	556	253
SSP6- C	6'	1.8	120	168	822	444	202
SSP7- C	7'	2.1	98	135	666	388	176
SSP8- C	8'	2.4	86	119	580	285	130
SSP9- C	9'	2.7	69	95	460	255	116
SSP10- C	10'	3.0	62	85	413	250	113

* All SSP-C planks from 2’ to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

12.6” / 320mm WIDE STEEL PLANK

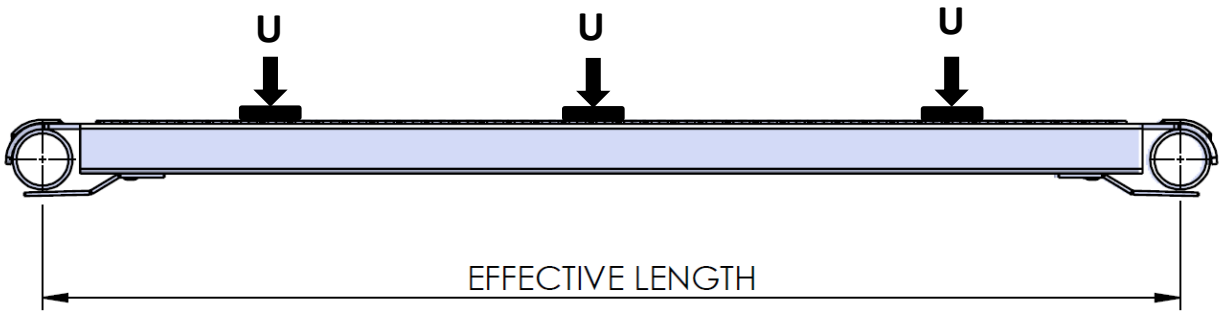


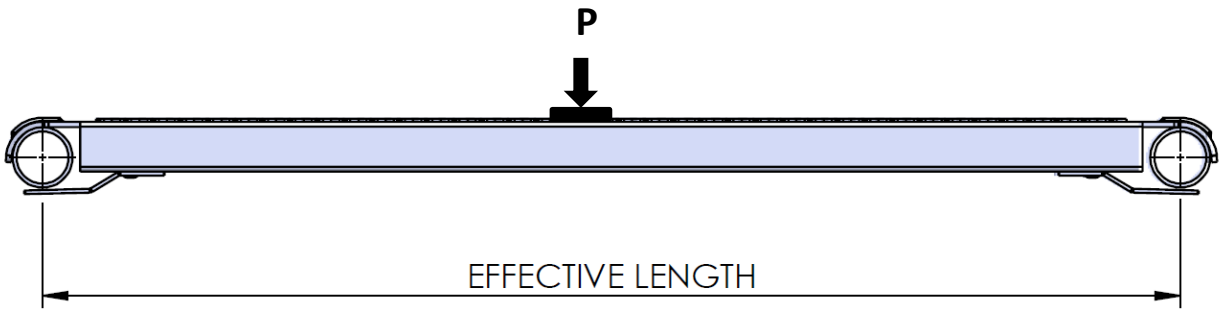
Product Code	Effective Length		Safe UDL load			Safe Point load	
	Ft-In	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	Lbs	Kgs
WBSWP-36S	3'6"	1.088	572	573	2804	1083	492
WBSWP-43	4'3"	1.286	459	467	2286	984	447
WBSWP-52	5'2"	1.572	345	348	1703	836	380
WBSWP-7	7'	2.133	247	243	1191	667	303
WBSWP-8	8'	2.438	181	178	868	598	272
WBSWP-86	8'6"	2.572	154	152	743	541	246
WBSWP-10	10.0	3.048	124	121	590	485	221

* All planks from 3’6” to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

9.5” MESH PLANK - CANADIAN HOOK



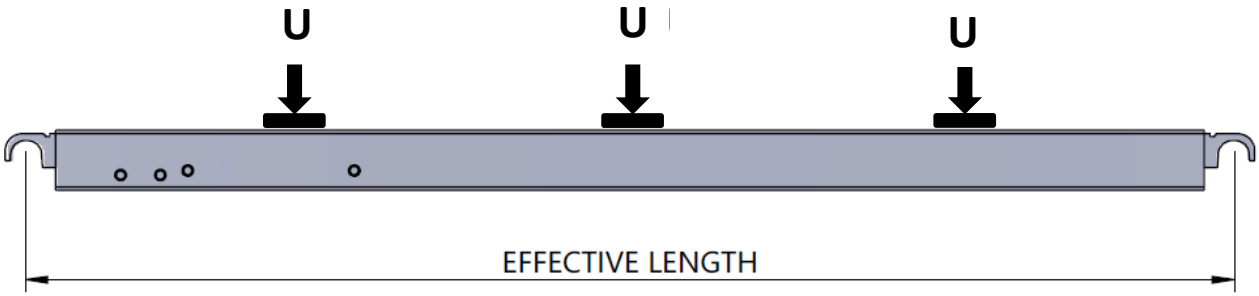


Product Code	Effective Length		Safe UDL load			Safe Point load (P)	
	Feet	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	lbs	Kgs
SSP-2-WM95	2'	0.6	825	1041	5092	1069	486
SSP-3-WM95	3'	0.9	527	643	3144	1004	456
SSP-36-WM95	3' 6"	1.1	437	527	2577	919	418
SSP-4-WM95	4'	1.2	376	450	2201	836	380
SSP-5-WM95	5'	1.5	290	344	1684	723	329
SSP-6-WM95	6'	1.8	238	280	1368	640	291
SSP-7-WM95	7'	2.1	196	230	1124	626	284
SSP-8-WM95	8'	2.4	152	178	870	570	259
SSP-9-WM95	9'	2.7	105	128	626	528	240
SSP-10-WM95	10'	3.0	67	78	382	485	221

* Planks from 2’ to 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

28” WIDE LADDER HATCH DECK

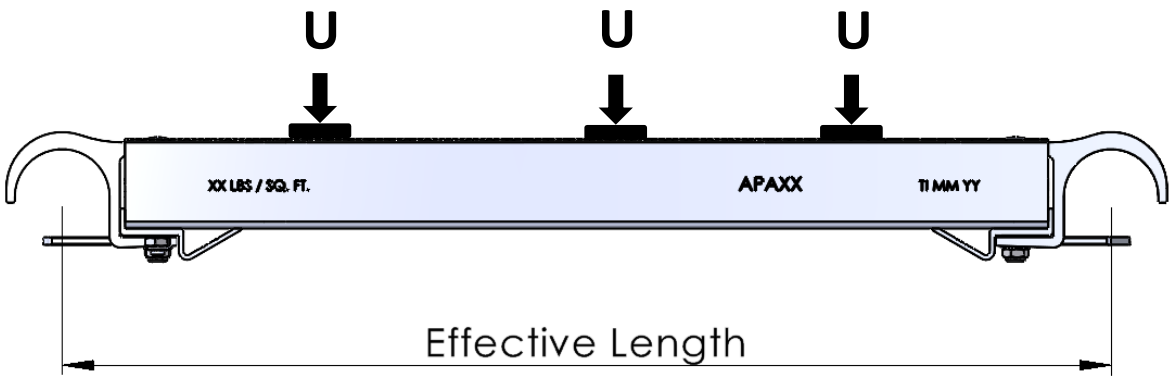


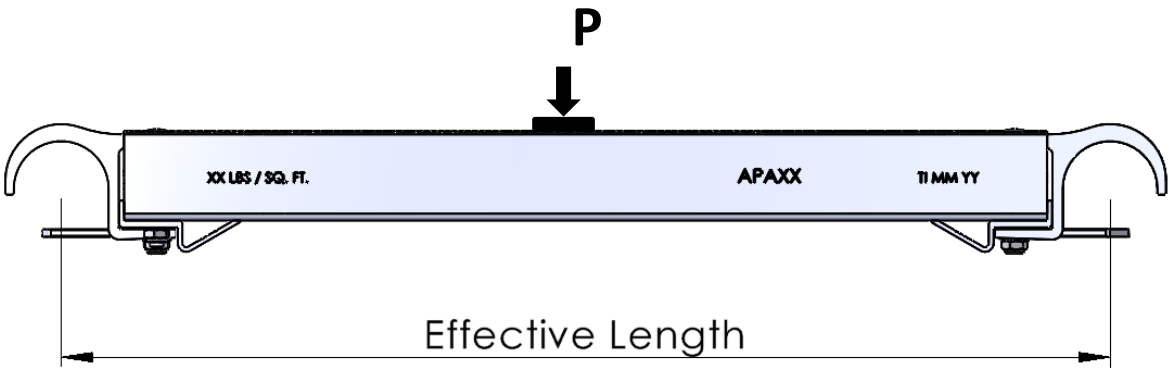
PRODUCT CODE	Effective Length		Safe UDL load			
	Ft-Inch	Meter	Lbs/ft^2	Kgs/M^2	lbs	Kgs
AWPL-28-70	7'	2.1	108	528	1760	800
AWPL-28-100	10'	3.0	76	370	1760	800

* Planks from 7’ & 10’ are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

19" WIDE ALUMINIUM PLANK





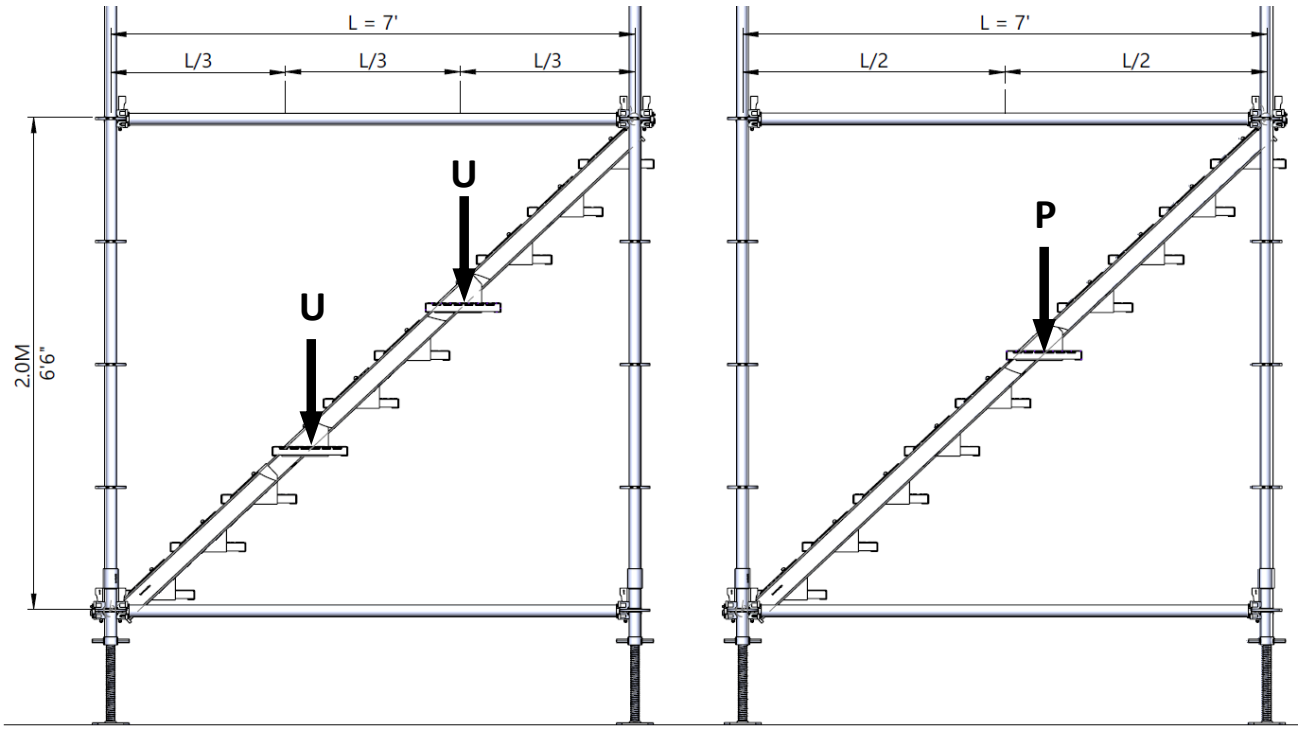
Product Code	Effective Length		Safe UDL load			Safe Point load	
	Ft-In	Meter	Lbs/Ft	Lbs/ft^2	Kgs/M^2	Lbs	Kgs
APA36	3.6	1.067	786.0	491.0	2400.0	1381.0	628.0
APA5	5.0	1.524	415.0	259.0	1267.0	1045.0	475.0
APA6	6.0	1.829	299.0	187.0	913.0	905.0	411.0
APA7	7.0	2.134	233.0	140.0	681.0	718.0	327.0
APA10	10.0	3.048	135.0	85.0	413.0	611.0	278.0

* APA planks from 3.6' to 10' are above 75Lbs/ft^2 at UDL, hence meets OSHA/ANSI load rating standards.

Factor of Safety – 4:1

STAIR UNIT (LEDGER HEAD FIXED)

LOAD RANGE UPTO 750 Lbs Considering 3 Person Load



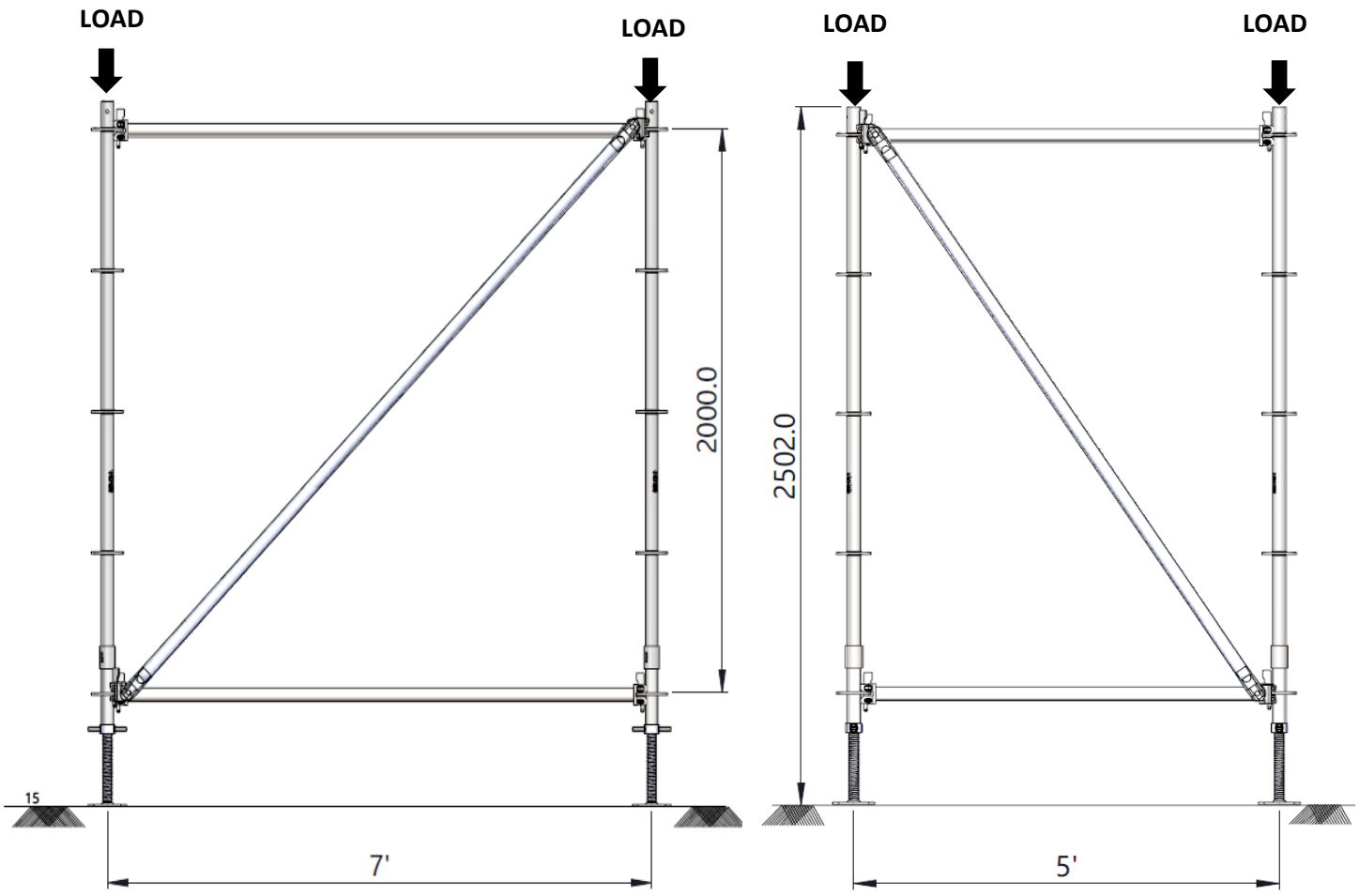
UDL TEST

POINT LOAD TEST

PRODUCT CODE	BAY SIZE	Safe UDL load		Safe Point load	
	Ft-Inch	lbs	Kgs	lbs	Kgs
ARLSU-70-36	7' x 3'6"	1430	650	1386	630
ARLSU-80-40	8' x 4'	1793	815	1544	702

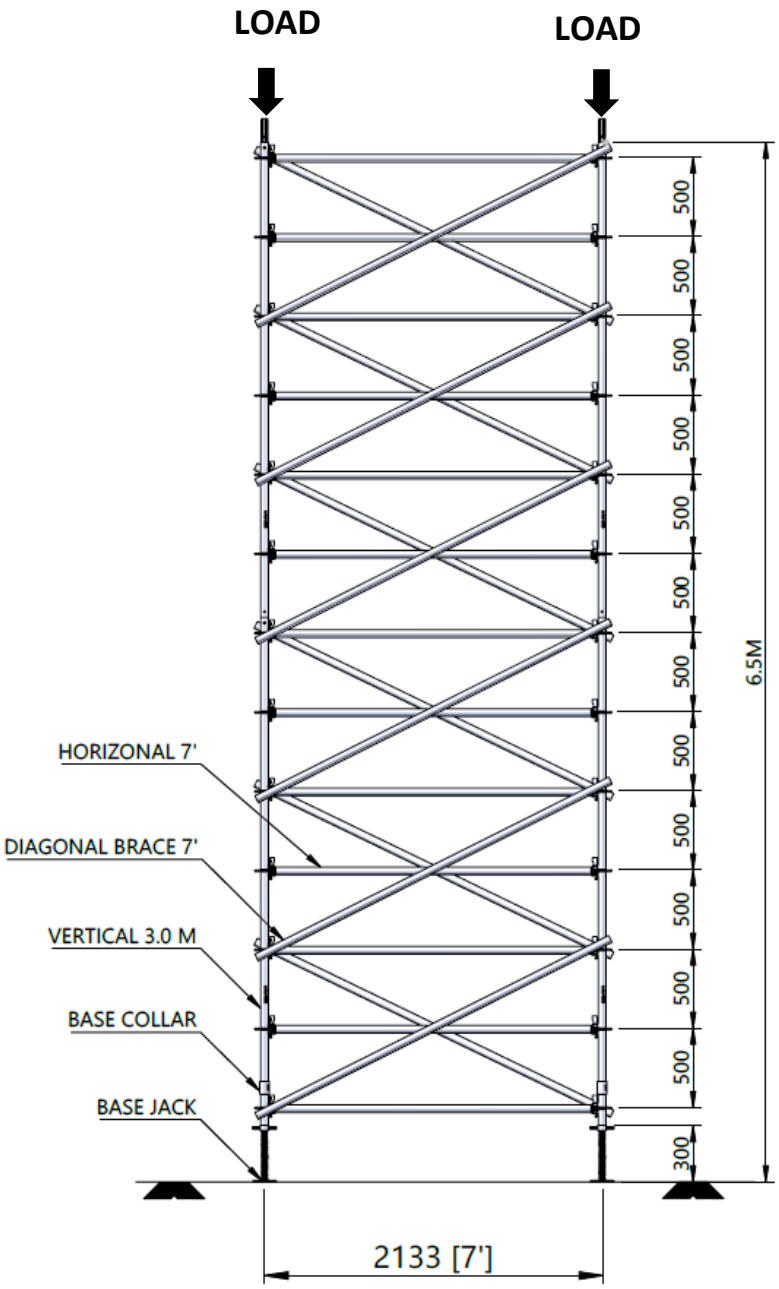
Factor of Safety – 4:1

1) ONE TIER TEST WITH 2.0-METER LIFT.



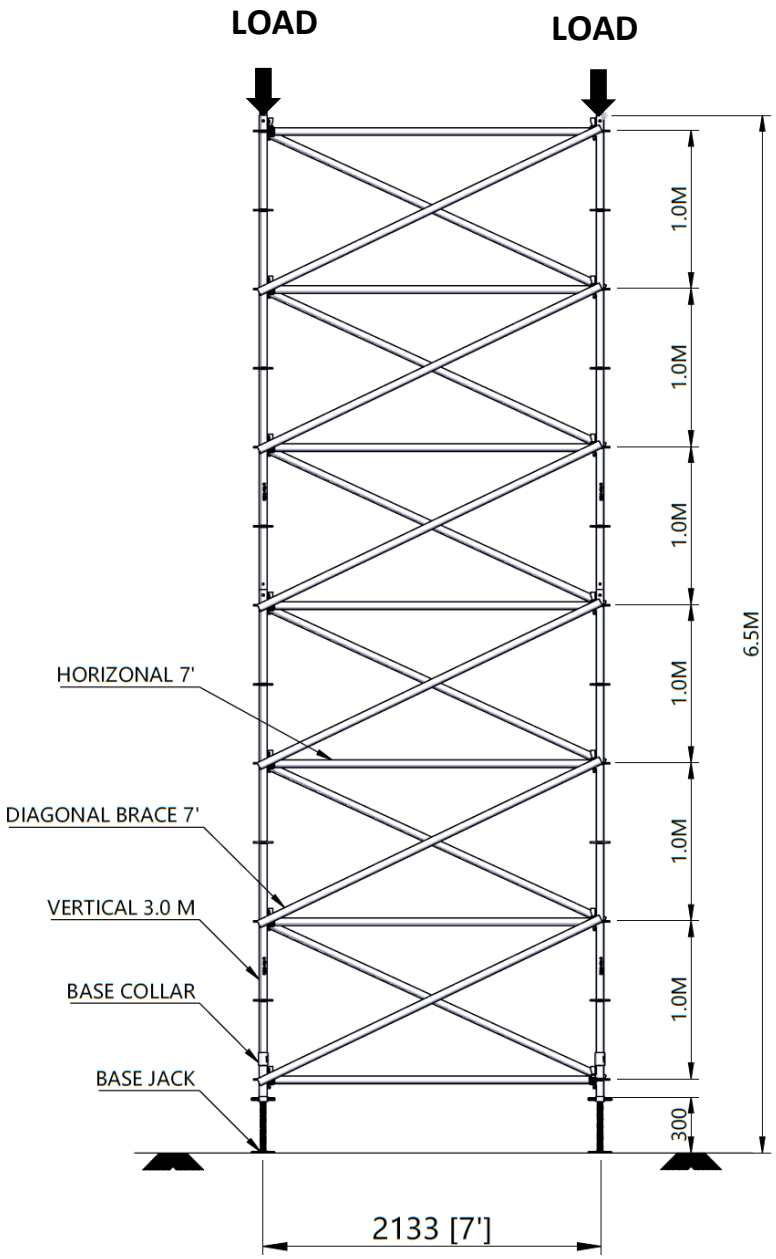
SWL for Leg Loading of each vertical: 5000 Lbs (2,272 Kgs.) / Leg Factor of Safety: 4:1

2) TOWER TEST WITH 0.5-METER HORIZONTALS SPACING



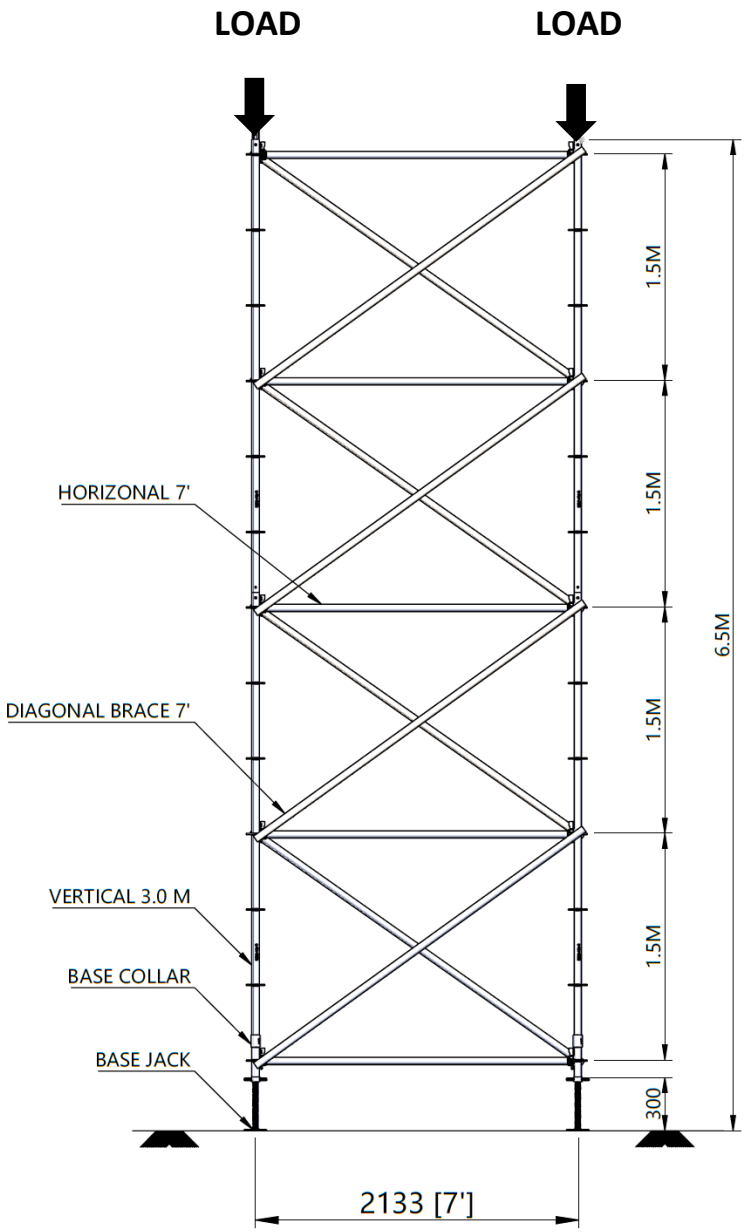
SWL for Leg Loading of each vertical: 9000 Lbs (4,090 Kgs.) / Leg Factor of Safety: 4:1

3) TOWER TEST WITH 1.0-METER HORIZONTALS SPACING



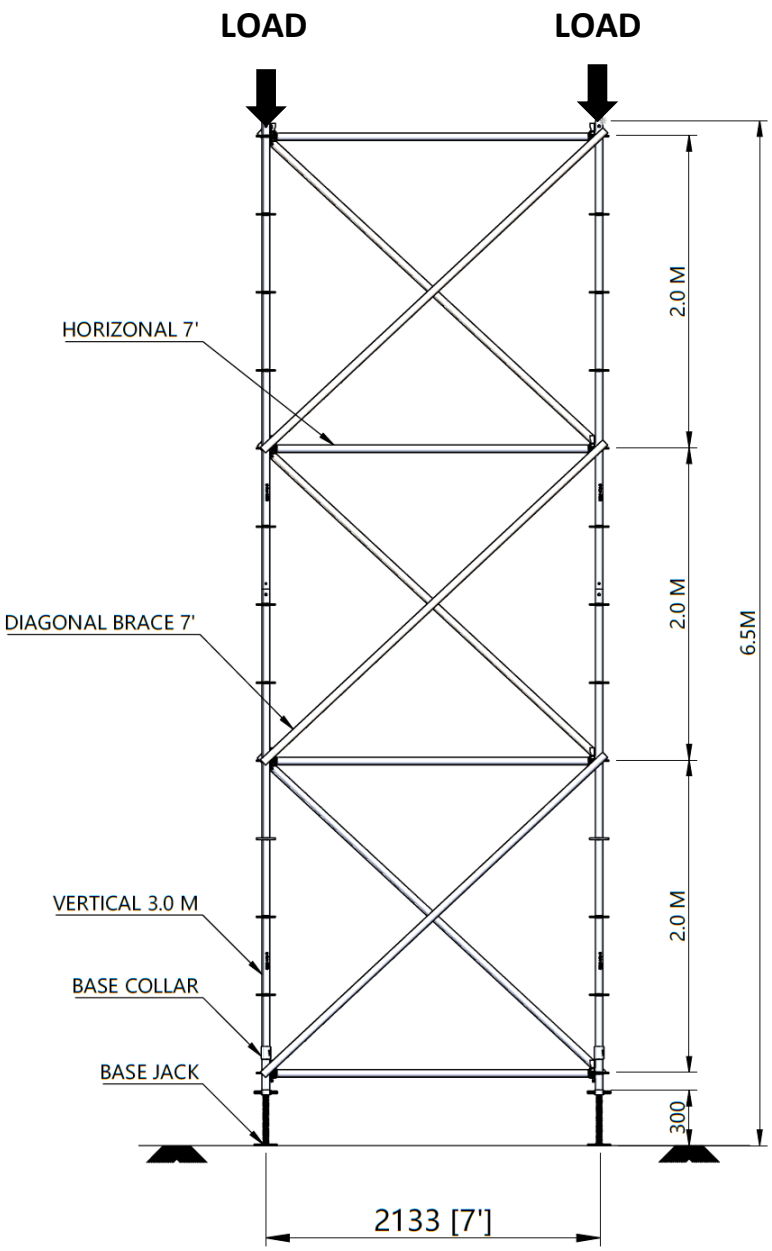
SWL for Leg Loading of each vertical: 8000 Lbs (3,636 Kgs.) / Leg Factor of Safety: 4:1

4) FOUR-TIER TEST WITH 1.5-METER LIFT



SWL for Leg Loading of each vertical: 6200 Lbs (2,818 Kgs.) / Leg Factor of Safety: 4:1

5) THREE-TIER TEST WITH 2.0-METER LIFT



SWL for Leg Loading of each vertical: 5000 Lbs (2,272 Kgs.) / Leg Factor of Safety: 4:1