



# MALMO STEELS



[www.malmosteels.com](http://www.malmosteels.com)



**MALMO STEELS**

## Profile

MALMO INDUSTRIES a part of MALMO GROUP, is a global provider of Forged, Cast, Machined, Sheet Metal, Fabrication products for automobile, agriculture and construction industry has excelled itself in the field of manufacturing and exporting since 1988. We are accredited to ISO 9001:2000 certification and follow the latest international standards and continuously upgrade R&D activities and Infrastructure to comply with the latest standards.

We have a state to art technology, three production plants, 20000sq. yard covered area, 1000 strong workforce and are well equipped with latest production machinery, Modern Testing facilities (UTM, Chem. Lab) and backed by well strengthened Tool room (VMCs) and Development section with CAD/CAM stations.

Quality and Delivery is prime factor for us. Our motive is to deliver the product as per customer satisfaction.

We are capable of developing new products within range from 0.100 to 25 kgs as per customer specification and with in time frame.



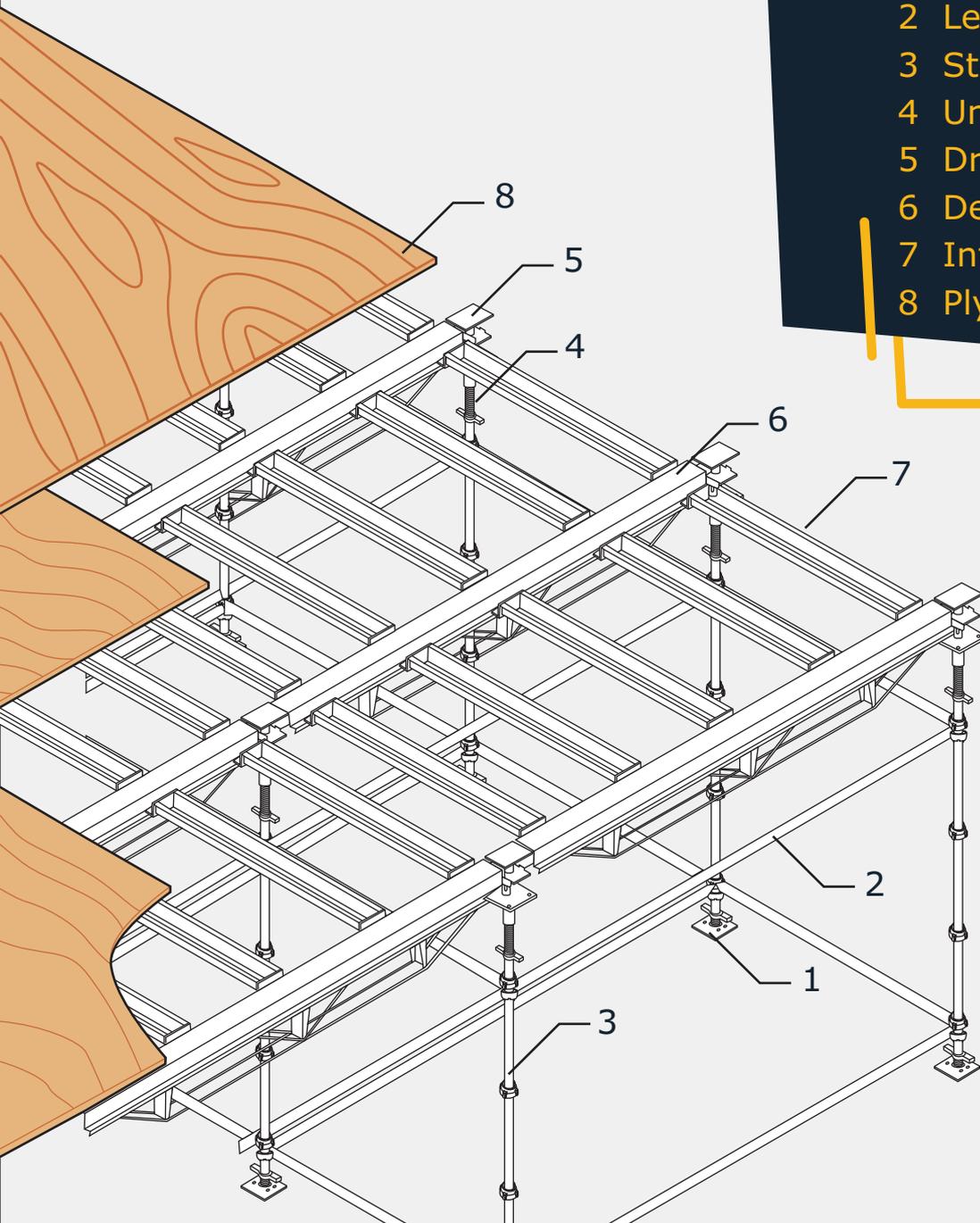
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**MALMO STEELS**

## LOCK SYSTEM

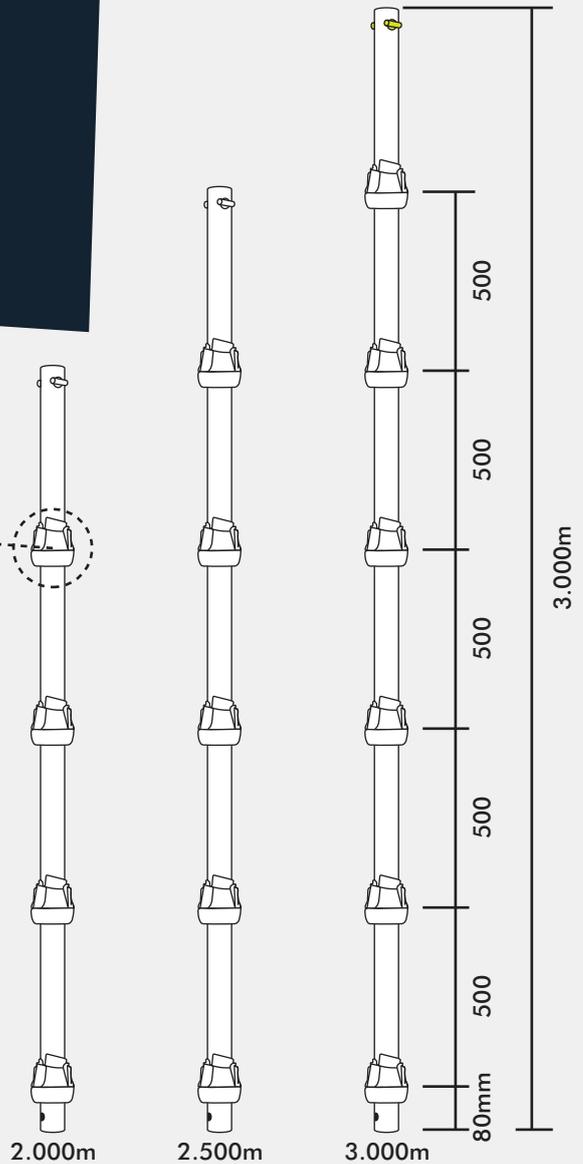
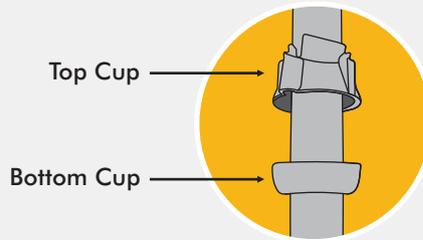
- 1 Base Jack
- 2 Ledger
- 3 Standard
- 4 Universal Jack
- 5 Drophead
- 6 Decking Beam
- 7 Infill Beam
- 8 Plywood





**VERTICAL STANDARD (OPEN END)**

Made from 48.3mm diameter x 3.2mm thick high grade steel tube, Malmo Steels Lock system Standards (Vertical) are formed by two cups a fixed bottom cup which is welded to the Standard (Vertical) at pre-located intervals i.e. 500mm and a sliding top cup. The forged blade ends of the Ledger (Horizontal) are located into the bottom cup. The top cup is moved down and rotated to secure the components in place and tightened by a hammer blow to give a positive and rigid connection.



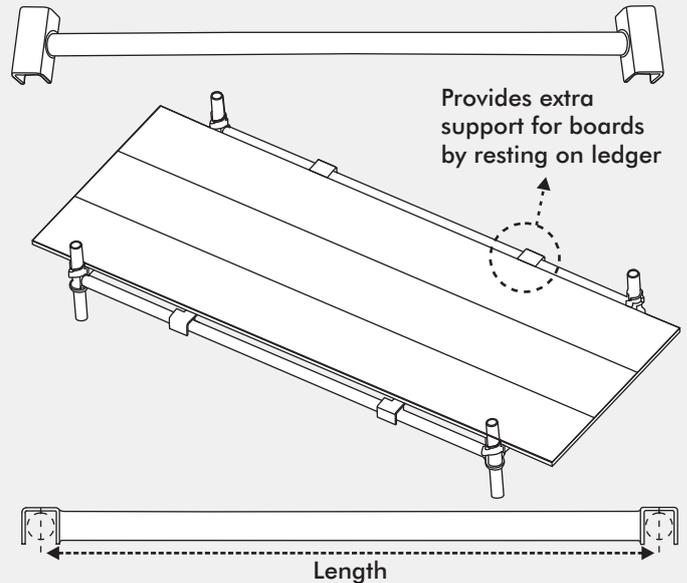
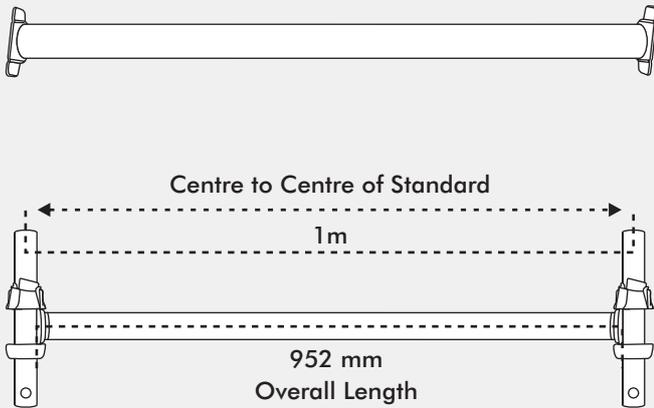
Code	Length (m)	Weight (kg)		
		Painted	Self Finish	Hot Dipped
MS-1310-10	1.000	4.900	4.700	5.100
MS-1310-13	1.300	6.600	6.350	7.000
MS-1310-15	1.500	7.350	7.100	7.800
MS-1310-18	1.800	9.000	8.750	9.600
MS-1310-20	2.000	9.800	9.400	10.350
MS-1310-23	2.300	11.550	11.200	12.300
MS-1310-25	2.500	12.250	11.900	13.090
MS-1310-30	3.000	14.700	14.200	15.600

**LEDGER (HORIZONTAL)**

Made from 48.3mm diameter high grade steel tube with forged steel blade ends, which locate into the bottom cups of the Standard (Vertical) and are locked in place by the corresponding top cups.

**INTERMEDIATE TRANSOM (HORIZONTAL)**

Made from 48.3mm diameter high grade steel tube. They rest upon the ledgers at right angles to reduce the span and provide extra support for boards. One end is provided with an integral locking device to prevent any movement along the ledgers during use.

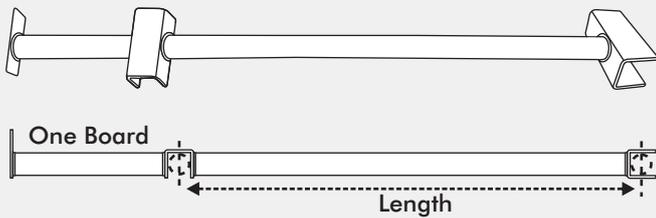


Code	Length (m)	Weight (kg)		
		Painted	Self Finish	Hot Dipped
MS-1311-06	0.600	2.370	2.300	2.530
MS-1311-09	0.900	3.404	3.300	3.630
MS-1311-10	1.000	3.750	3.650	4.000
MS-1311-12	1.200	4.430	4.300	4.730
MS-1311-13	1.300	4.850	4.700	5.170
MS-1311-16	1.600	5.870	5.700	6.270
MS-1311-18	1.800	6.600	6.400	7.040
MS-1311-25	2.500	8.900	8.650	9.500

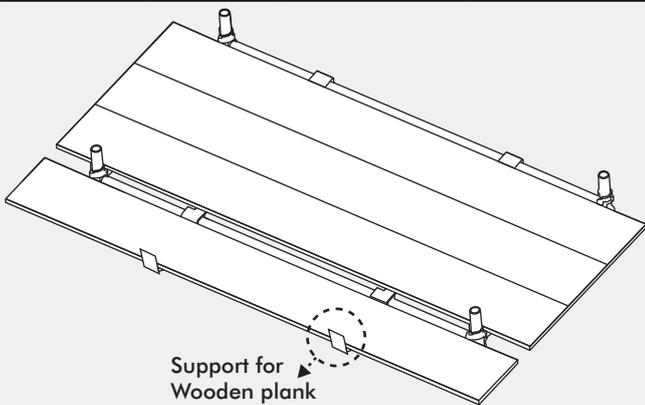
Code	Length (m)	Weight (kg)		
		Painted	Self Finish	Hot Dipped
MS-1313-05	0.565	4.000	3.900	4.290
MS-1313-08	0.795	4.850	4.700	5.150
MS-1313-12	1.200	6.280	6.100	6.700
MS-1313-13	1.300	6.590	6.400	7.000
MS-1313-18	1.800	8.340	8.100	8.900
MS-1313-25	2.500	10.900	10.600	11.650

**INSIDE TRANSOM**

Made from 48.3mm diameter high grade steel tube. Drop into place over the ledgers and are secured with a locking device to prevent movement. Act as conventional transoms but extend beyond the inside ledger to provide intermediate support to one or two inside boards.



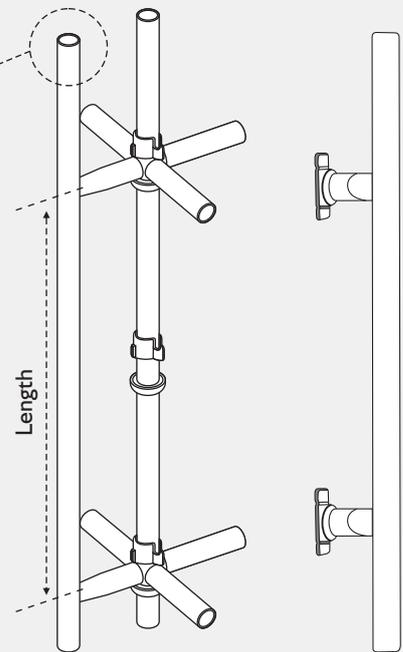
Code	Length (m)	Weight (kg)	
		One Board	Two Board
MS-1650	0.500	2.400	2.465
MS-1651	1.000	3.404	3.493
MS-1652	1.500	3.750	3.848
MS-1653	2.000	4.400	4.514



**BEAM BRACKET**

Beam Brackets are made from 48.3mm diameter high grade steel tube and are used to provide support to beam formwork from also support standards with provision for accepting jacks or fork heads. It has a safe load carrying capacity of 1500 kgs. The beam bracket distributes the load throughout the surrounding cuplock system structure, thus reducing excessive strain on all components.

Adjustable jacks are used at the top of bracket for providing support.



Code	Length (m)	Weight (kg)
MS-1658	1.000	4.700
MS-1659	1.500	6.400



## LOCK SYSTEM

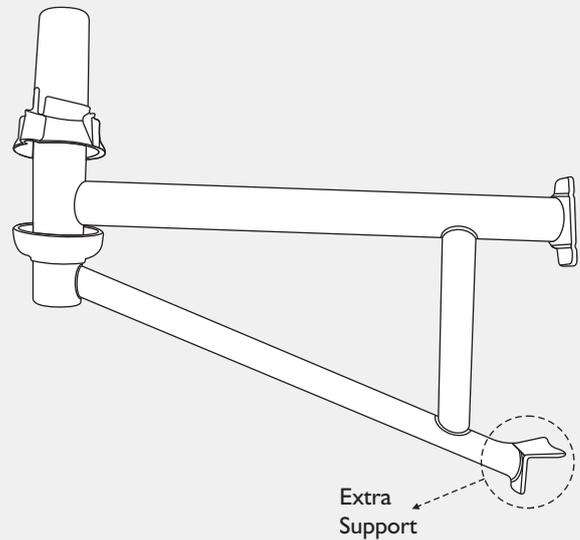
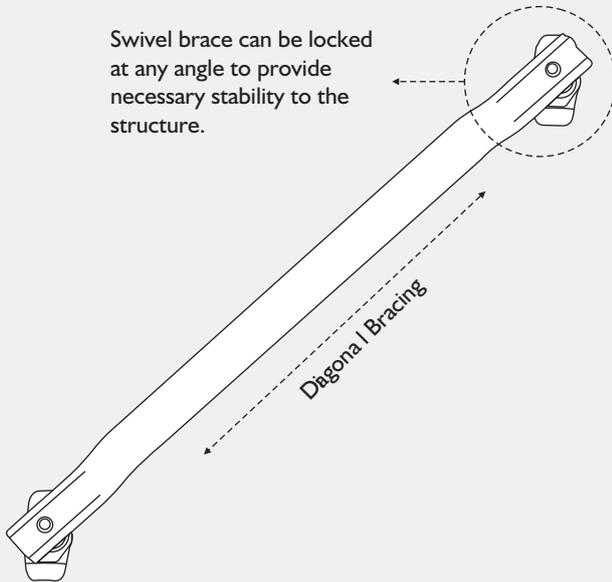
### SWIVEL FACE BRACE

Diagonal braces are made from 48.3mm diameter high grade steel tube with a swivel blade at each end. They are placed diagonally from ledger to ledger, next to the standards to which they are fitted.

### TUBULAR HOP-UP BRACKETS

Hop-up Brackets are made from 48.3mm diameter high grade steel tube and are used to increase the width of working platform used in conjunction with transoms / intermediate transoms or inside-board transoms. They incorporate a cup joint at the outside end to allow the fitting of an inside ledger which links the hop-up brackets and supports transoms / intermediate transoms.

Swivel brace can be locked at any angle to provide necessary stability to the structure.



Code	Length (m)	Weight (kg)
MS-1654	2.5 x 20	11.500
MS-1655	2.50 x 15	10.700
MS-1656	1.80 x 2.0	9.800
MS-1657	1.80 x 1.5	8.700

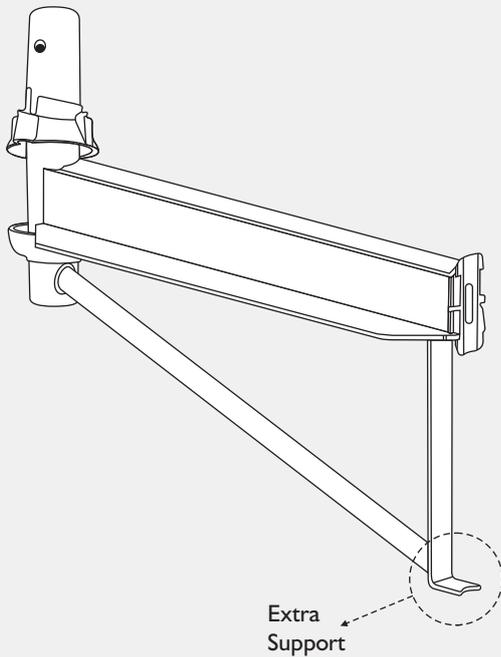
Code	Type	Weight (kg)
MS-1660	1 Board	1.800
MS-1661	2 Boards	6.300
MS-1662	3 Boards	7.700



## LOCK SYSTEM

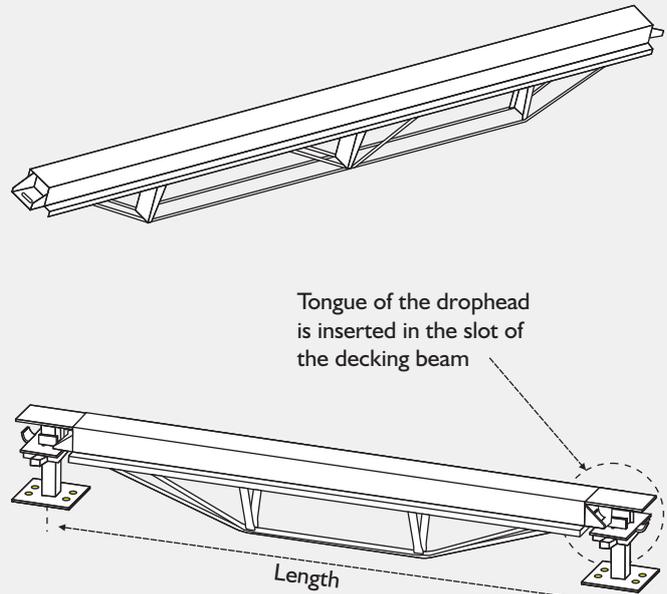
### BATTEN HOP-UP BRACKETS

Hop-up Brackets are made from 48.3mm diameter high grade steel tube and are used to increase the width of working platform used in conjunction with transoms / intermediate transoms or inside-board transoms. They incorporate a cup joint at the outside end to allow the fitting of an inside ledger which links the hop-up brackets and supports transoms / intermediate transoms.



### DECKING BEAM

Decking Beams are designed with 100mm top flange which gives more support to the plywood. Tongue of the drop heads are inserted in the slots of the decking beam at both ends.



Code	Type	Weight (kg)
MS-1660	1 Board	2.300
MS-1661	2 Boards	6.600
MS-1662	3 Boards	7.600

Code	Length (m)	Weight (kg)
MS-1628	1.200	13.400
MS-1626	1.800	20.000
MS-1643	2.500	28.000

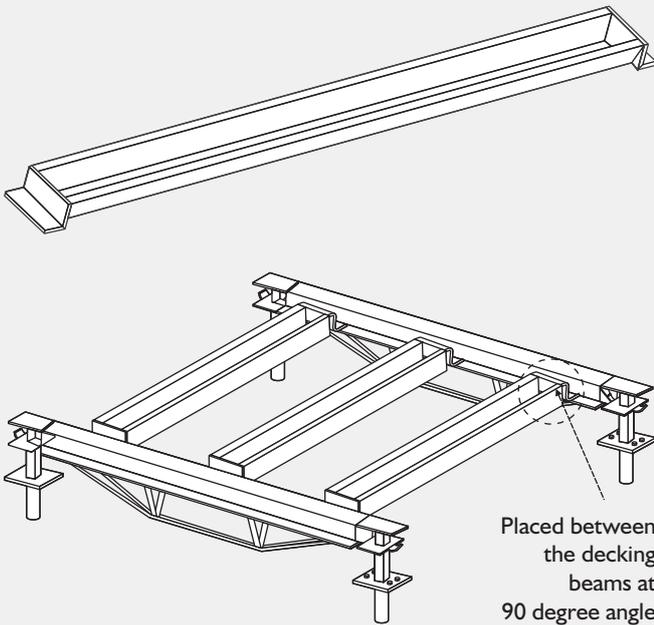


**INFILL BEAM**

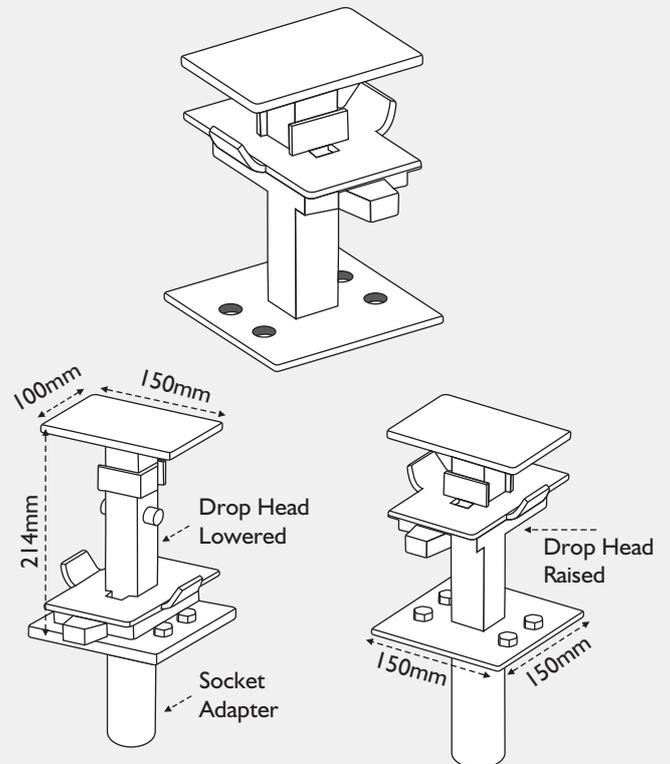
They are manufactured from 2mm thick top quality steel sheet and are designed to be used with the decking beams and are spaced out at predetermined centers to support the plywood.

**DROPHEAD**

The quick action drophead is designed to fit on standard props or adaptors for cuplock scaffolding. The primary head remains in contact with the concrete while the secondary head and its supporting wedge arte released by a single hammewr blow. The deophead has a load carrying capacity of 40kN.



Code	Length (m)	Weight (kg)
MS-1644	0.900	5.230
MS-1645	1.200	6.700
MS-1646	1.500	8.700
MS-1647	1.700	9.800



Code	For Tube OD (mm)	Weight (kg)
MS-1625	48.2	5.000



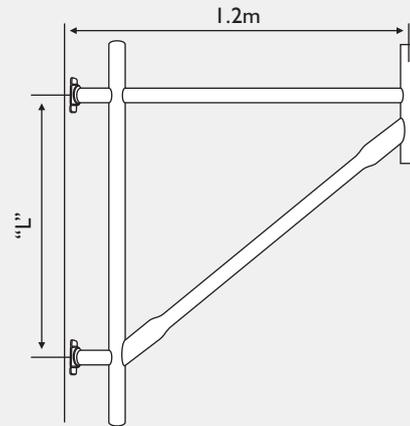
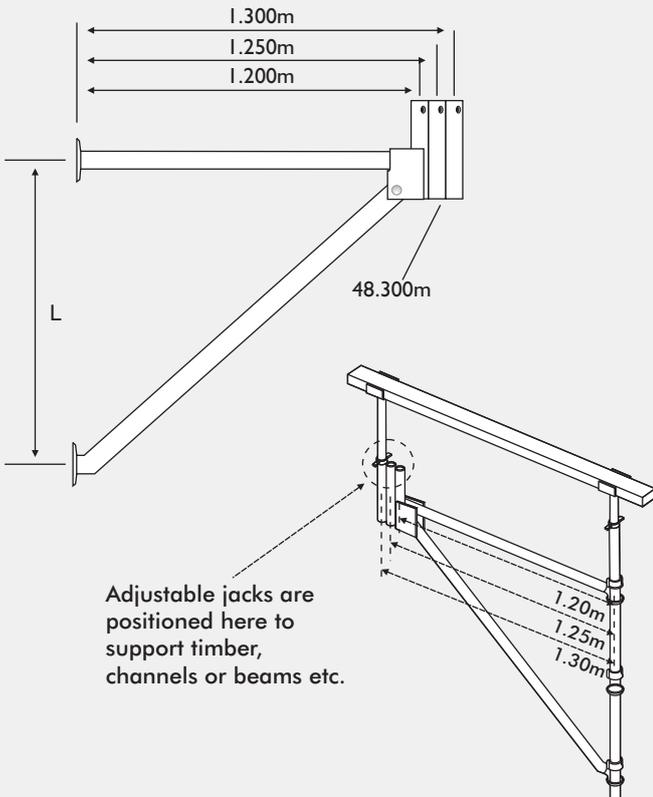
**LOCK SYSTEM**

**CANTILEVER FRAME**

This frame has ledger blades to be fitted into Cuplock standards at one end and with provision for accepting jacks in three positions at the other end at 1.2m, 1.25m and 1.3m from centerline of the standard.

**CANTILEVER BEAM FRAME**

This frame has ledger blades to be fitted into cups of Cuplock standards at one end and with provision for accepting jacks in three positions at the other end at 1.2 m, 1.25 m and 1.3 m



Code	Length (m)	Weight (kg)
MS-2631	1.000	-
MS-2632	1.500	-

Code	Length (m)	Weight (kg)
MS-2612	1.000	14.500
MS-2613	1.500	16.500



## LOCK SYSTEM

### RETURN TRANSOM

Return Transom is used at the end of a scaffold run where it meets another scaffold running at right angles to it. The U-shaped return section of the transom hooks over the ledger of the adjacent scaffold, closing off the gap between the two scaffold.



Code	Length (m)	Weight (kg)
SF-1666	-	8.500

### OMEGA TRANSOM

Omega Transoms are manufactured from press bent section with flange type extensions on both sides provides a strong support for working platform with Cuplock steel battens.



Code	Length (m)	Weight (kg)
SF-1667-A	1.300	7.200
SF-1667-B	1.800	10.000
SF-1667-C	2.500	24.800

### TOP CUP

The captive mobile cups are made out of Malleable cast iron to ensure rough site handling



Code	Lug	For Tube OD (mm)	Weight (kg)
SF-1390-113C	3	60.0	0.440
SF-1390-114C	4	60.0	0.440
SF-1390-113F	3	48.3	0.430
SF-1390-114F	4	48.3	0.430

### BOTTOM CUP

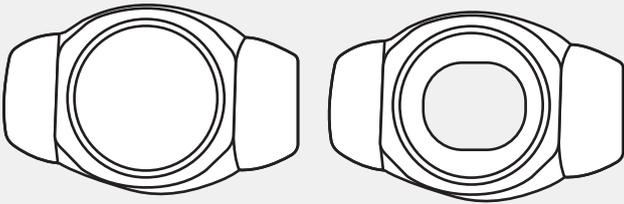
Bottom cups are pressed from high quality steel and are welded on vertical.



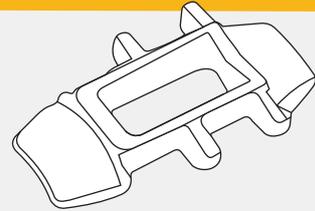
Code	Sheet Thick. (mm)	For Tube OD (mm)	Weight (kg)
SF-1390-140	4.0	48.3	0.200
SF-1390-145	4.5	48.3	0.220
SF-1390-160	4.0	60.0	0.215
SF-1390-165	4.5	60.0	0.240



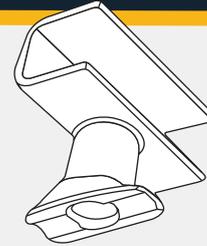
# LOCK SYSTEM



MS-1390-123  
**TRANSOM BLADE**  
Tube OD : 48.3mm  
Weight : 0.276 kg.

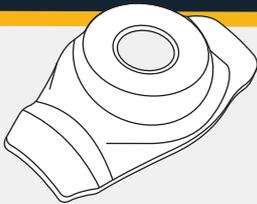


MS-1668  
**RETURN DEVICE**  
Weight : 1.500 kg.

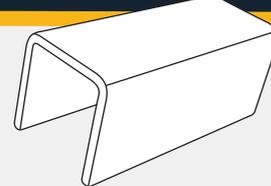


Code	For Tube OD (mm)	Weight (kg)
MS-1390-122-48C	48.3	0.222
MS-1390-122-48P	48.3	0.217
MS-1390-122-60C	60.0	0.265
MS-1390-122-60P	60.0	0.260

MS-1390-121  
**LEDGER SWIVEL**  
Tube OD : 48.3mm  
Weight : 0.365 kg.



MS-1390-16  
**TRANSOM**  
Tube OD : 48.3mm  
Weight : 1.100 kg.



MS-1315  
**WEDGE PLATE**  
Tube OD : 48.3mm  
Weight : 1.200 kg.



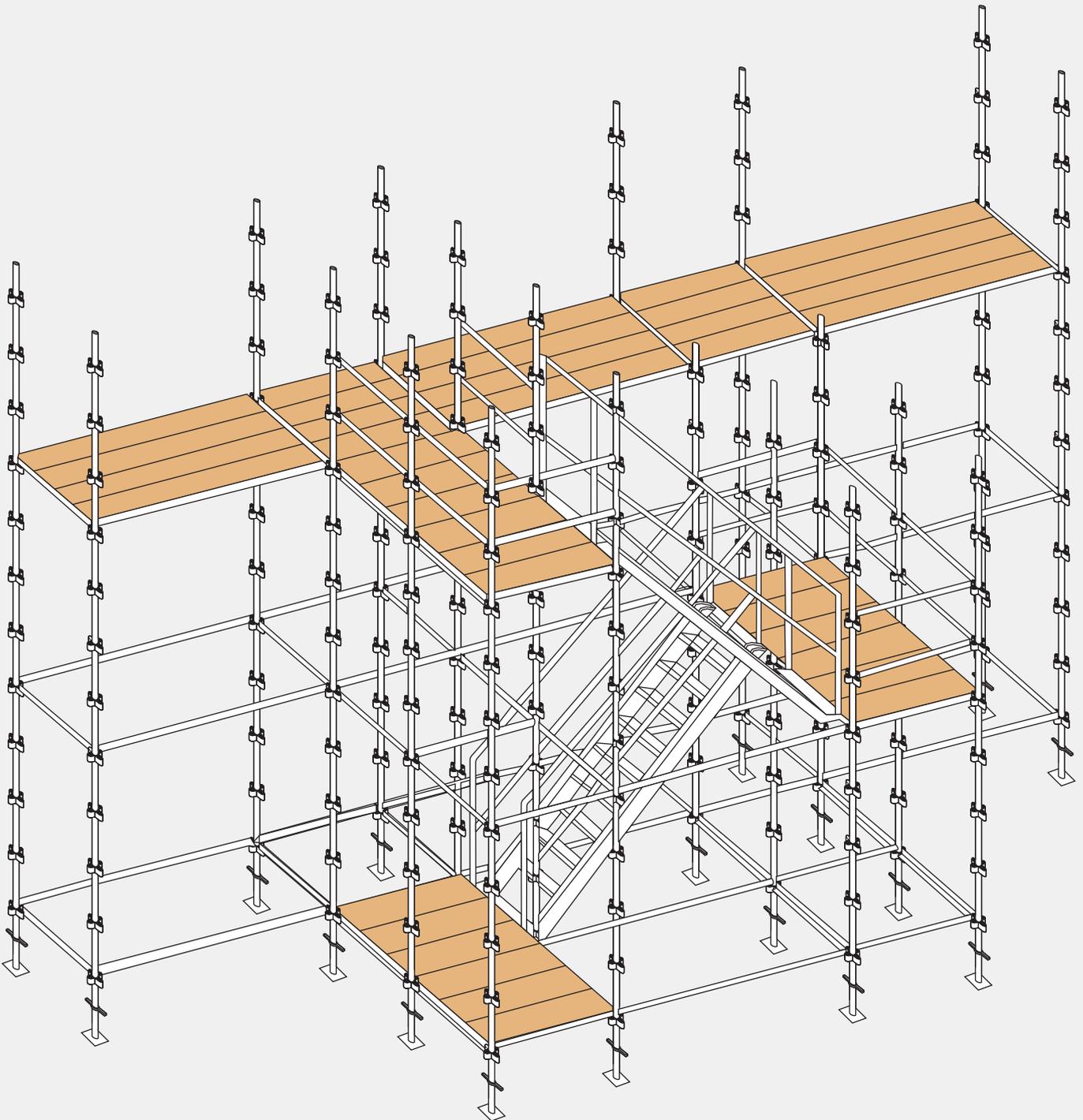
MS-1390-15  
**SPIGOT**  
Tube OD : 38mm  
Weight : 0.710 kg.





**MALMCO STEELS**

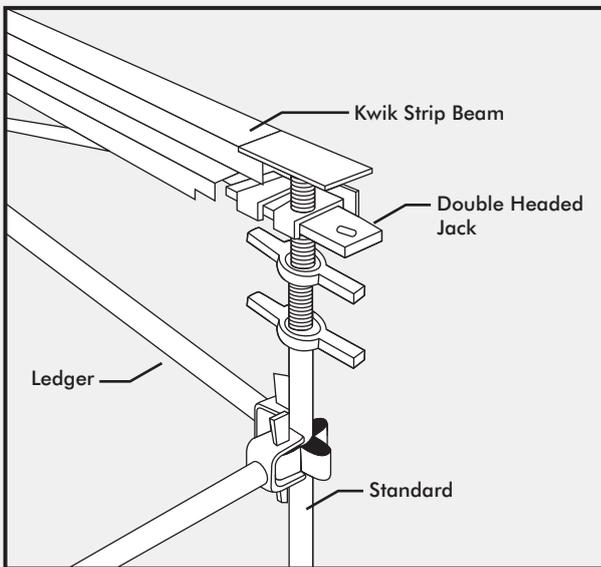
## **K-STAGE SYSTEM**



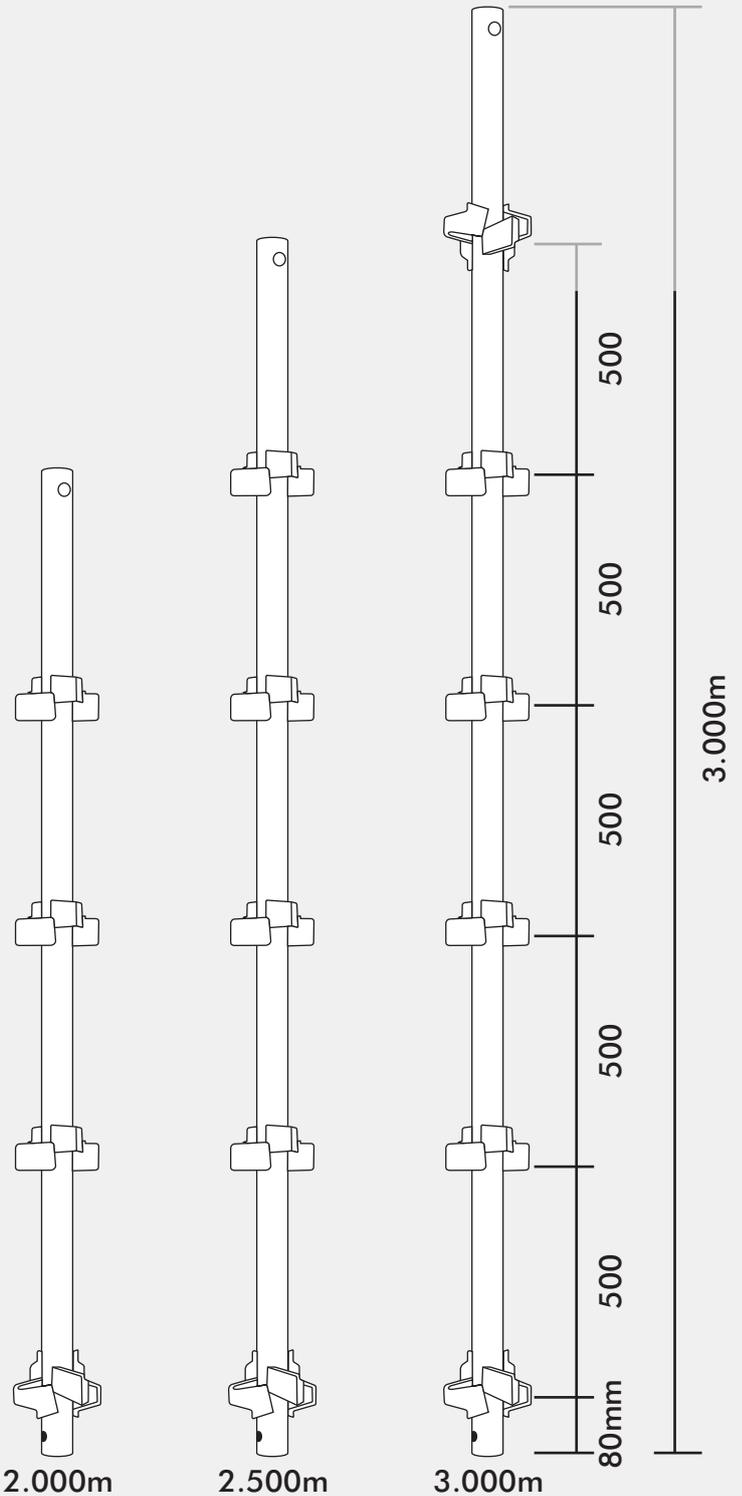


**STANDARDS**

The standard is the vertical member of the scaffold with a spigot (either round or box type) at one end for accurate alignment. A series of 'V' locating lugs are welded on the tube for the attachment of ledgers, transoms, and auxiliary components. Open ended standards and loose spigots are also available.



Code	Length (m)	Weight (kg)
MS-1210-5	0.500	3.600
MS-1210-10	1.000	6.400
MS-1210-15	1.500	9.400
MS-1210-20	2.000	11.800
MS-1210-25	2.500	15.000
MS-1210-30	3.000	17.400

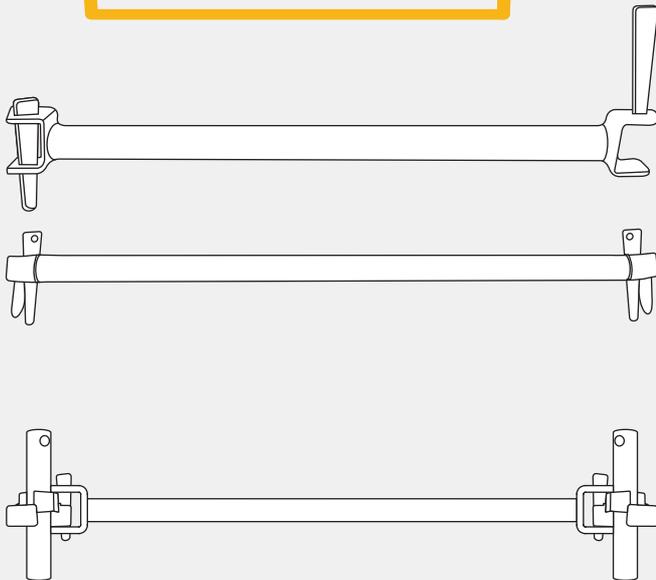




# K-STAGE SYSTEM

## LEDGERS

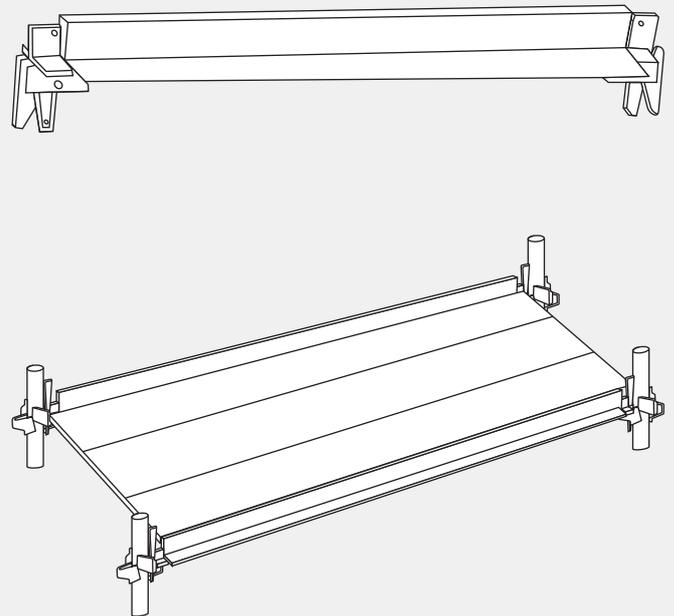
The ledger is used to connect the standard in a longitudinal direction. It is made from scaffold tube with wedge 'Banana Type' fixing at each end which fits in the 'V' locating lugs on the standard. The ledger is also used as a guardrail.



Code	Length (m)	Weight (kg)
MS-1211-7	0.700	3.600
MS-1211-8	0.800	3.800
MS-1211-12	1.200	5.600
MS-1211-18	1.800	7.000
MS-1211-24	2.400	8.860

## TRANSOMS

Transom is either made of back-to-back angles or T-shaped profile with same fixing device on each end as the ledger. They are used to carry 3 or 5 numbers of steel or timber battens and toe board.



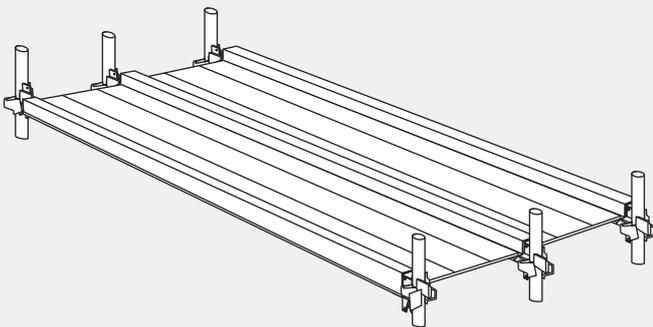
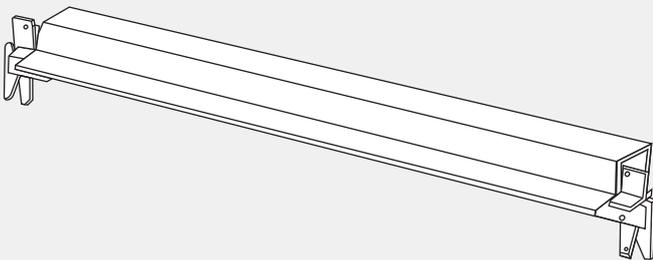
Code	Length (m)	Weight (kg)
MS-1212-7	0.700	5.600
MS-1212-8	0.800	5.900
MS-1212-12	1.200	7.900
MS-1212-18	1.800	11.600



## K-STAGE SYSTEM

### RETURN TRANSOM

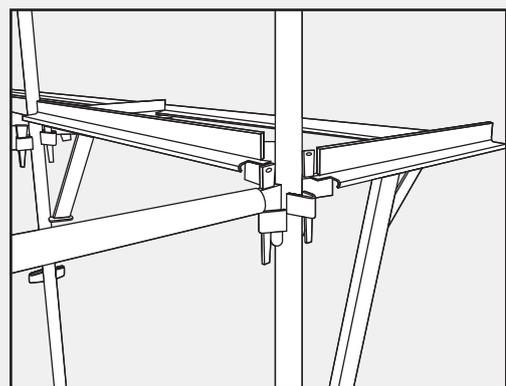
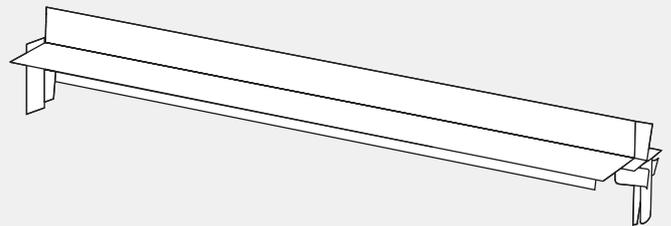
Fixed to the inner and outer standard and placed over the firstledger of an adjacent 90° bay. Seating on one side for 3 or 5 numbers of steel or timber battens giving the same level decking on both scaffold runs.



Code	Length (m)	Weight (kg)
MS-1359	0.700	8.400
MS-1360	0.800	8.800
MS-1361	1.270	13.400

### FLAT BAR TRANSOM

The return transom forms a 90° return on a scaffolding by hooking over the ledger.



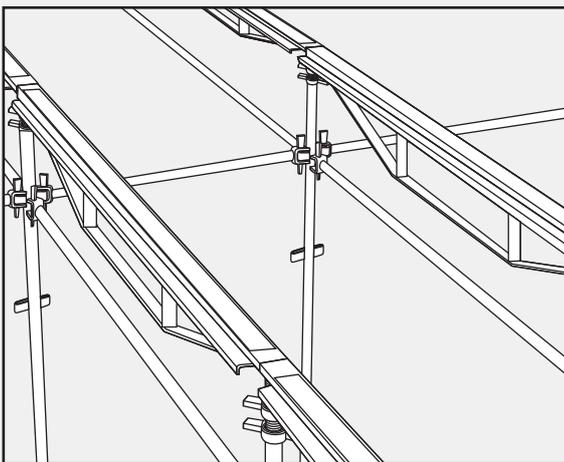
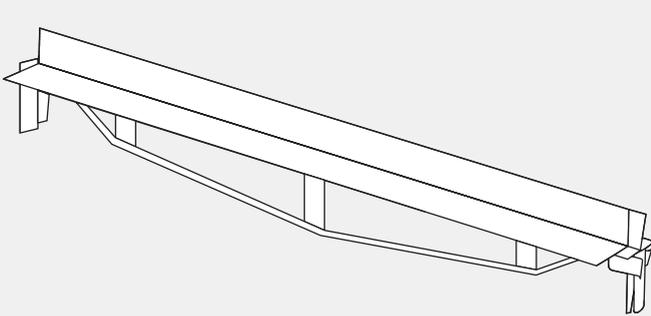
Code	Length (m)	Weight (kg)
MS-1363	1.800	14.000
MS-1364	2.400	23.500



## K-STAGE SYSTEM

### BOW STRING TRANSOM

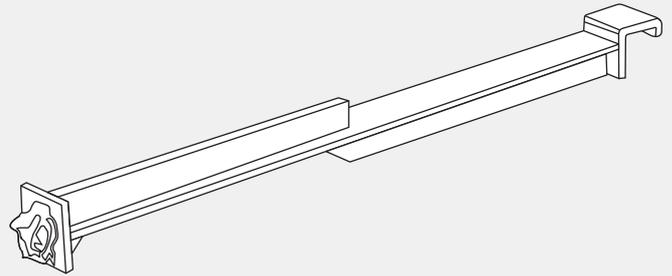
Designed with wide top flange giving more support to the plywood, thereby reducing maintenance costs by extending the life of the plywood.



Code	Length (m)	Weight (kg)
MS-1365	2.400	21.500

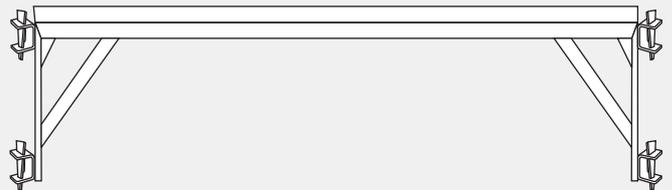
### LADDER ACCESS TRANSOM

To secure battens in stormy conditions.



Code	Length (m)	Weight (kg)
MS-1366	1.200	12.000

### LOADING BAY TRANSOM



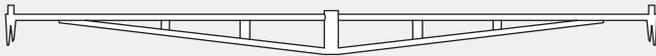
Code	Length (m)	Weight (kg)
MS-1367	2.400	27.800



## K-STAGE SYSTEM

### BRIDGING LEDGER

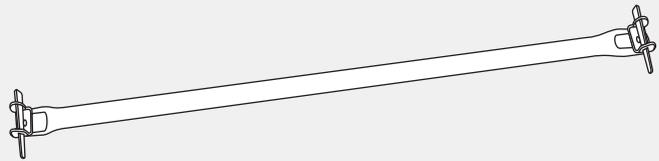
Made from standard tube to span between two 2.4m bays to give clear access or to avoid obstruction.



Code	Length (m)	Weight (kg)
MS-1368	4.900	32.000

### BRACES

Braces are manufactured from 3.2mm tube with Swivel Wedge device at both ends to fit in the "V" precessing on the Standard.



Code	Length (m)	Weight (kg)
MS-1370	2.740	10.900
MS-1371	3.540	13.100

### DIAGONAL BRACES

The diagonal brace is used to the full height of the scaffolding in a longitudinal direction.

### BRIDGING LEDGER

Made from standard tube to span between two 2.4m bays to give clear access or to avoid obstruction.



Code	Length (m)	Weight (kg)
MS-1369	7.200	57.000



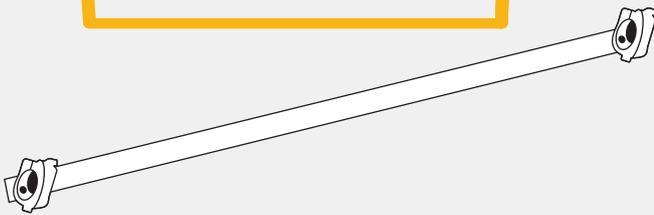
Code	Length (m)	Weight (kg)
MS-1212-7	0.700	5.600
MS-1212-8	0.800	5.900
MS-1212-12	1.200	7.900
MS-1212-18	1.800	11.600



## K-STAGE SYSTEM

### COUPLER BRACES

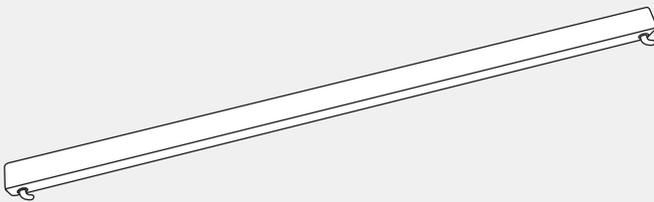
The coupler brace is used when necessary angles are required across the scaffold.



Code	Length (m)	Weight (kg)
MS-1373	1.8 x 1.9	10.700
MS-1374	2.4 x 1.9	12.100

### TIE BAR

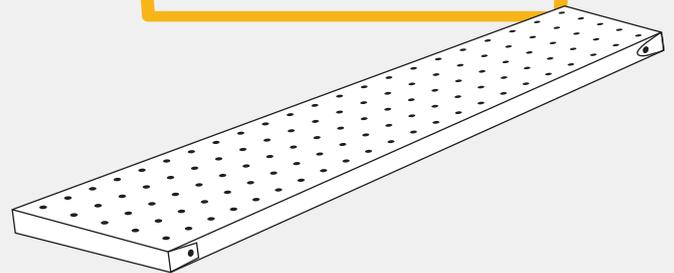
For connecting access brackets along the length of the platform. This ensures correct spacing so that the battens are not dislodged.



Code	Length (m)	Weight (kg)
MS-1378	1.200	3.500
MS-1379	1.800	5.200
MS-1380	2.400	7.000

### BATTEN

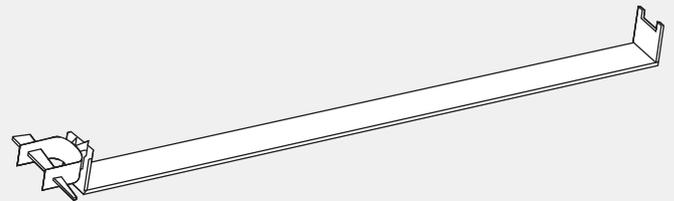
The steel platform batten spans between the transoms giving a non-slip level surface.



Code	Length (m)	Weight (kg)
MS-1375	1.200	10.900
MS-1376	1.800	12.800
MS-1377	2.400	14.800

### BATTEN CLAMP

To secure batten in high wind conditions.



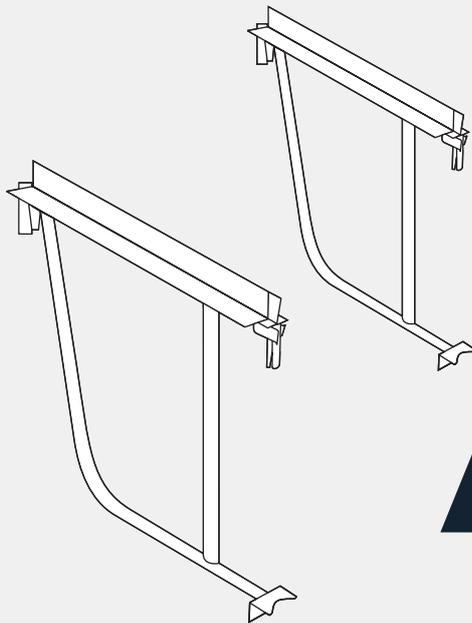
Code	Length (m)	Weight (kg)
MS-1381	-	3.250



## K-STAGE SYSTEM

### HOP UP BRACKET

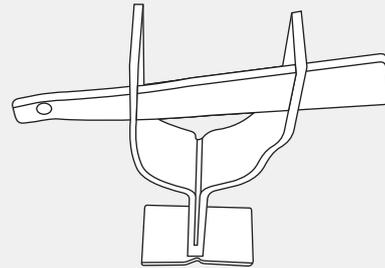
Hop up bracket is used to extend the scaffold by cantilevering for an additional 1, 2 and 3 board platform.



Code	Length (m)	Weight (kg)
MS-1382	1 Board	2.300
MS-1383	2 Boards	5.800
MS-1384	3 Boards	9.500

### TOE BOARD BRACKET

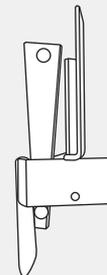
Clamps to the standard with a captive wedge to hold the Batten toe board vertically in place.



Code	Weight (kg)
MS-1386	0.780

### END TOE BOARD BRACKET

Fits into 'V' locating lugs on the standard at the end of a platform to hold the end batten toe board vertically in place.



Code	Weight (kg)
MS-1385	1.180

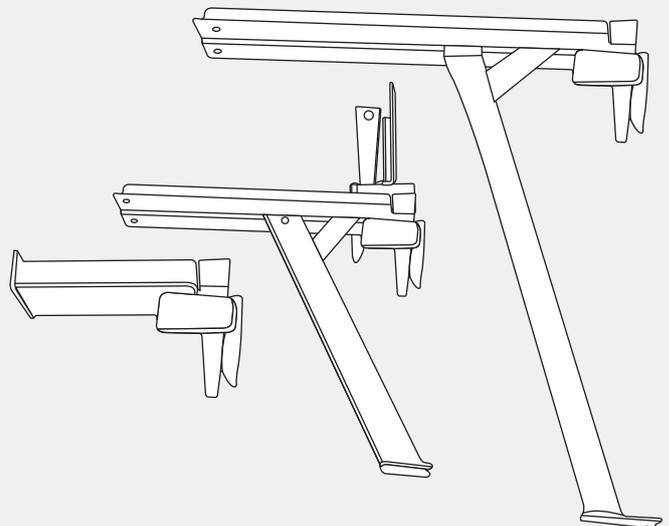
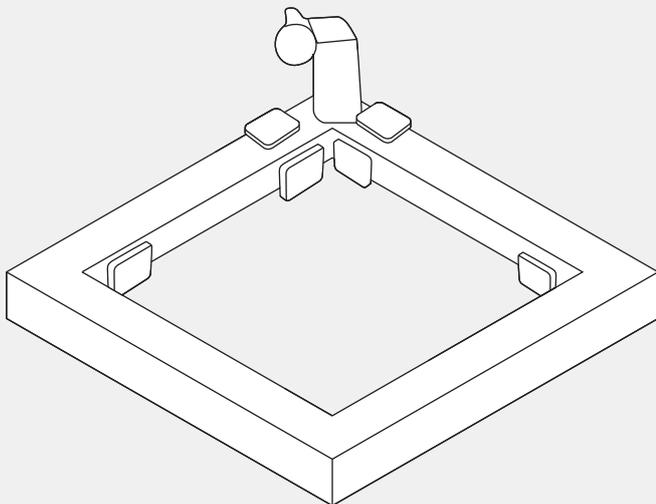


**INTERNAL CORNER FILLER**

For use with two board or three board stage bracket, to fill the gap at internal corners.

**STAGE BRACKETS**

To extend the scaffold by cantilevering for an additional 1, 2 and 3 board platform.



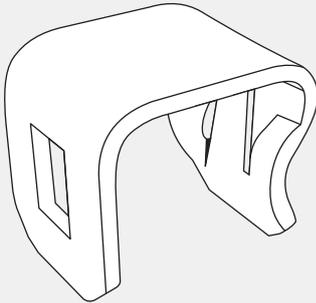
Code	Length (m)	Weight (kg)
MS-1387	0.900 x 0.900	11.200
MS-1388	0.900 x 1.524	15.100

Code	Type	Weight (kg)
MS-1214-1	1 Board	2.300
MS-1214-2	2 Boards	5.800
MS-1214-3	3 Boards	9.500

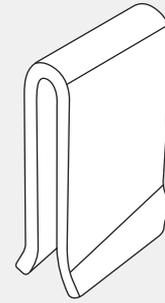


## K-STAGE SYSTEM

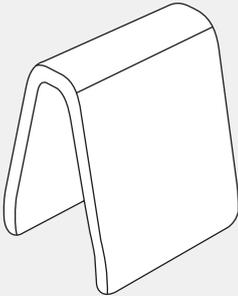
MS-1290-10  
**C-PRECESSING**  
Weight : 0.247 kg.



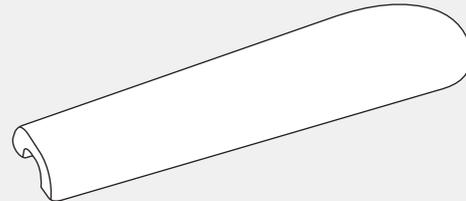
MS-1290-13  
**U-PRECESSING**  
Weight : 0.220 kg.



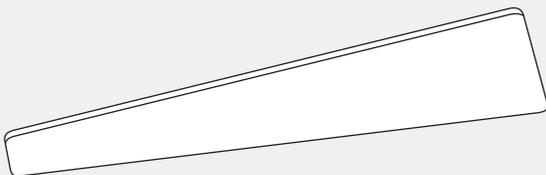
MS-1290-11  
**V-PRECESSING**  
Weight : 0.110 kg.  
Sheet Thickness : 4mm



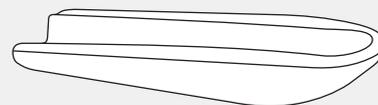
MS-1290-14  
**BANANA PRECESSING**  
Weight : 0.115 kg.



MS-1290-12  
**WEDGE**  
Weight : 0.210 kg.



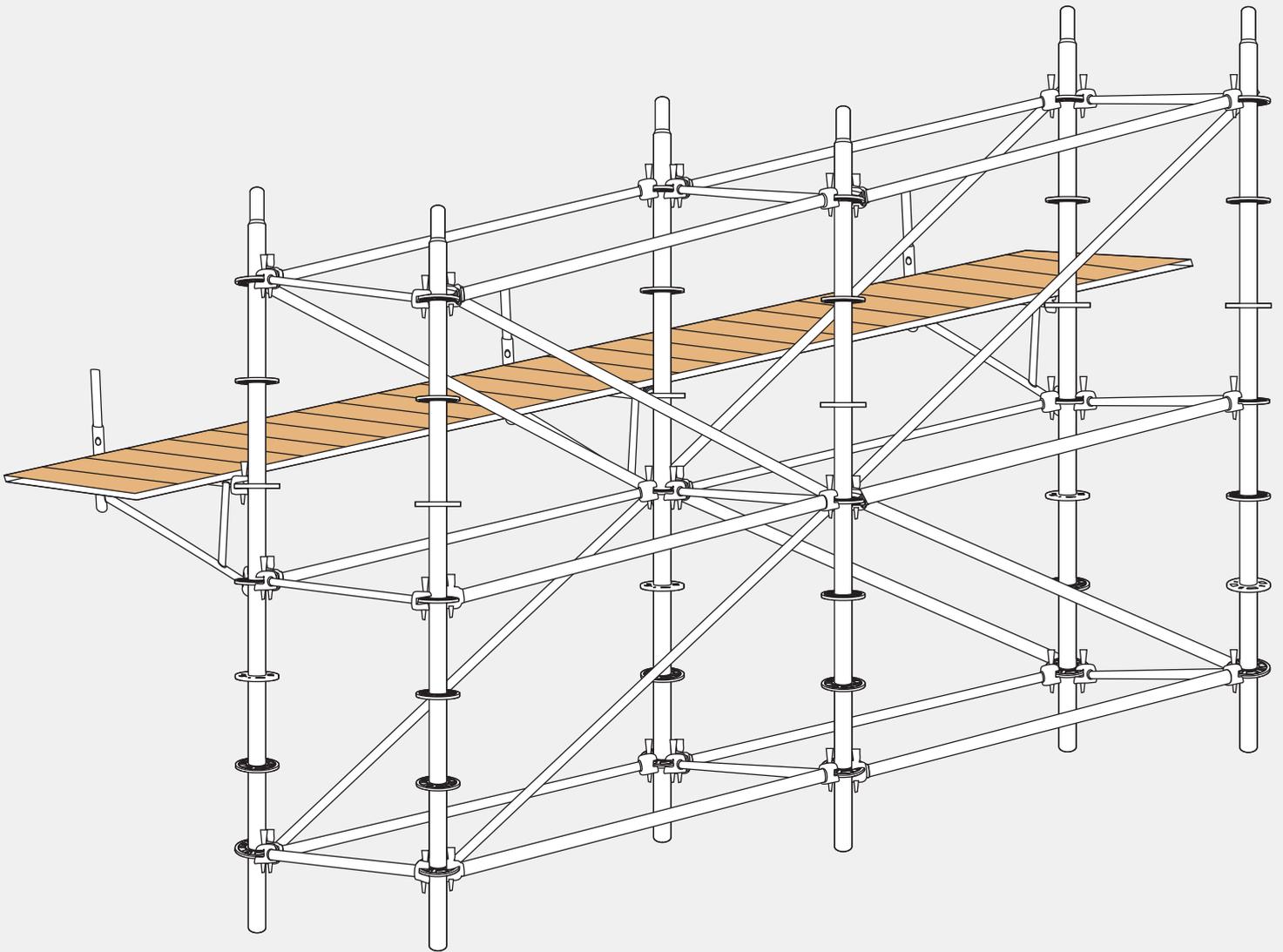
MS-1290-15  
**GUIDING PIN**





**MALMO STEELS**

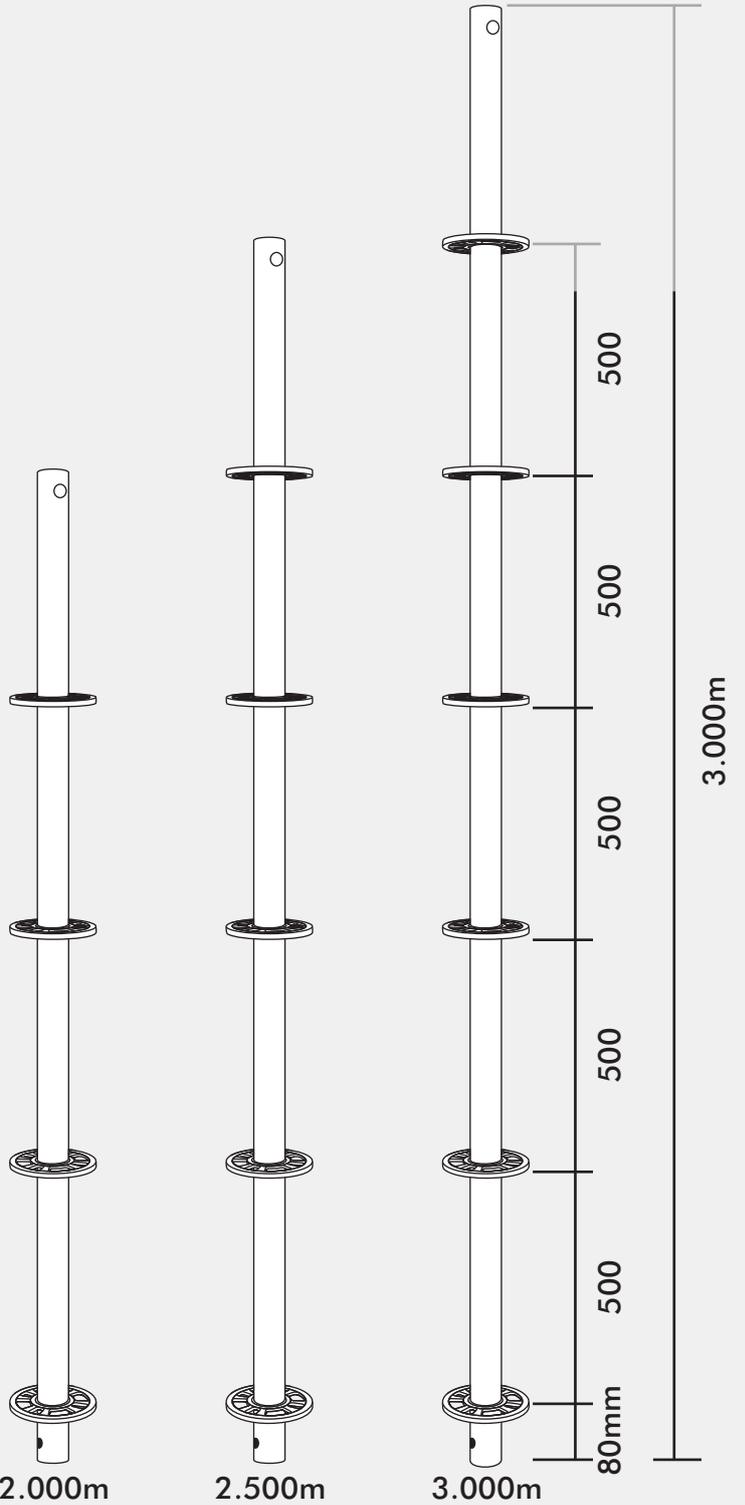
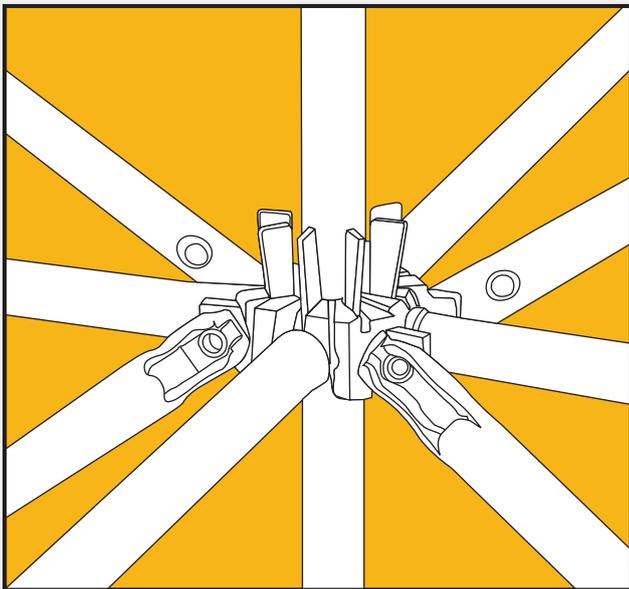
## RING LOCK SYSTEM





### ACCESS STANDARDS

Steel tubes with rosettes at every 500mm distance and with Spigot. For small holes in the rosette determine right angled connections for larger holes permit connections at any angles.



Code	Length (m)	Weight (kg)
MS-2409	0.500	2.900
MS-2410	1.000	5.900
MS-2411	1.500	7.800
MS-2412	2.000	10.200
MS-2413	2.500	12.200
MS-2414	3.000	14.600



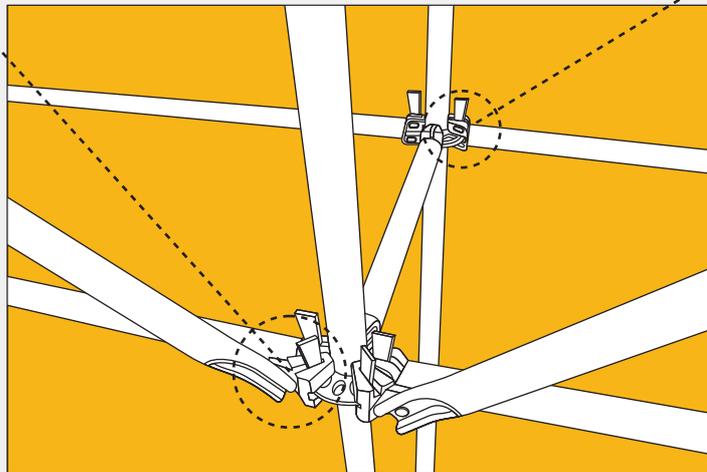
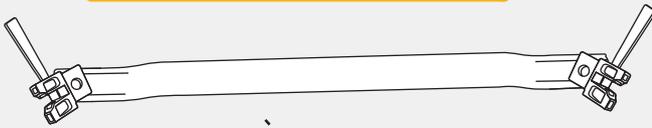
## RING LOCK SYSTEM

### LEDGERS

The ledger is used to connect the standard in a diagonal direction. It is made from scaffold tube fixing at each end which fits in the rosette holes on the standard.

### BRACES

The brace is used to connect the standard in a horizontal direction. It is made from scaffold tube fixing at each end which fits in the rosette holes on the standard.



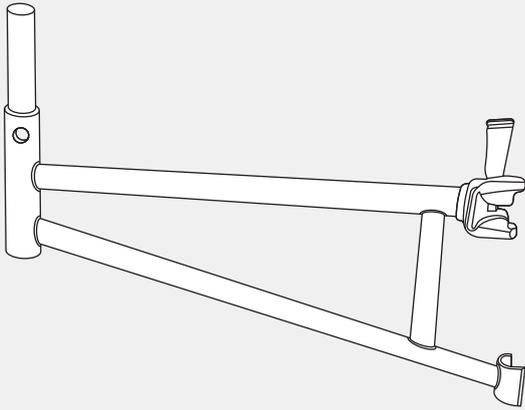
Code	Length (m)	Weight (kg)
MS-2403	0.650	3.120
MS-2404	1.065	4.400
MS-2405	1.150	4.860
MS-2406	1.570	6.300
MS-2407	2.130	8.610
MS-2408	3.050	11.880

Code	Length (m)	Weight (kg)
MS-2415	1.200	7.200
MS-2416	1.500	7.800
MS-2417	2.000	8.700
MS-2418	2.500	9.500
MS-2419	3.000	10.400



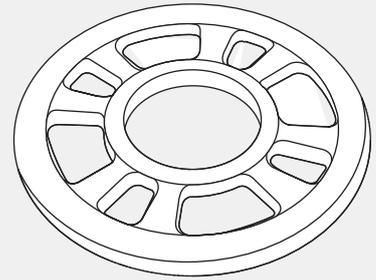
# RING LOCK SYSTEM

## HOP UP BRACKET

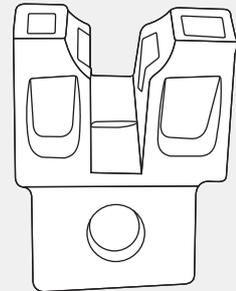


Code	Type	Weight (kg)
MS-2420	1 Board	3.400
MS-2421	2 Boards	3.900
MS-2422	3 Boards	6.400

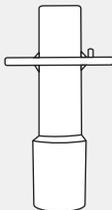
Code : MS-2402  
**ROSETTE**  
Weight : 0.520 kg.



Code : MS-2425  
**LEDGER END (LEFT)**  
Weight : 0.520 kg.

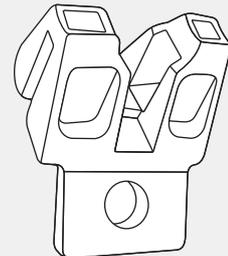


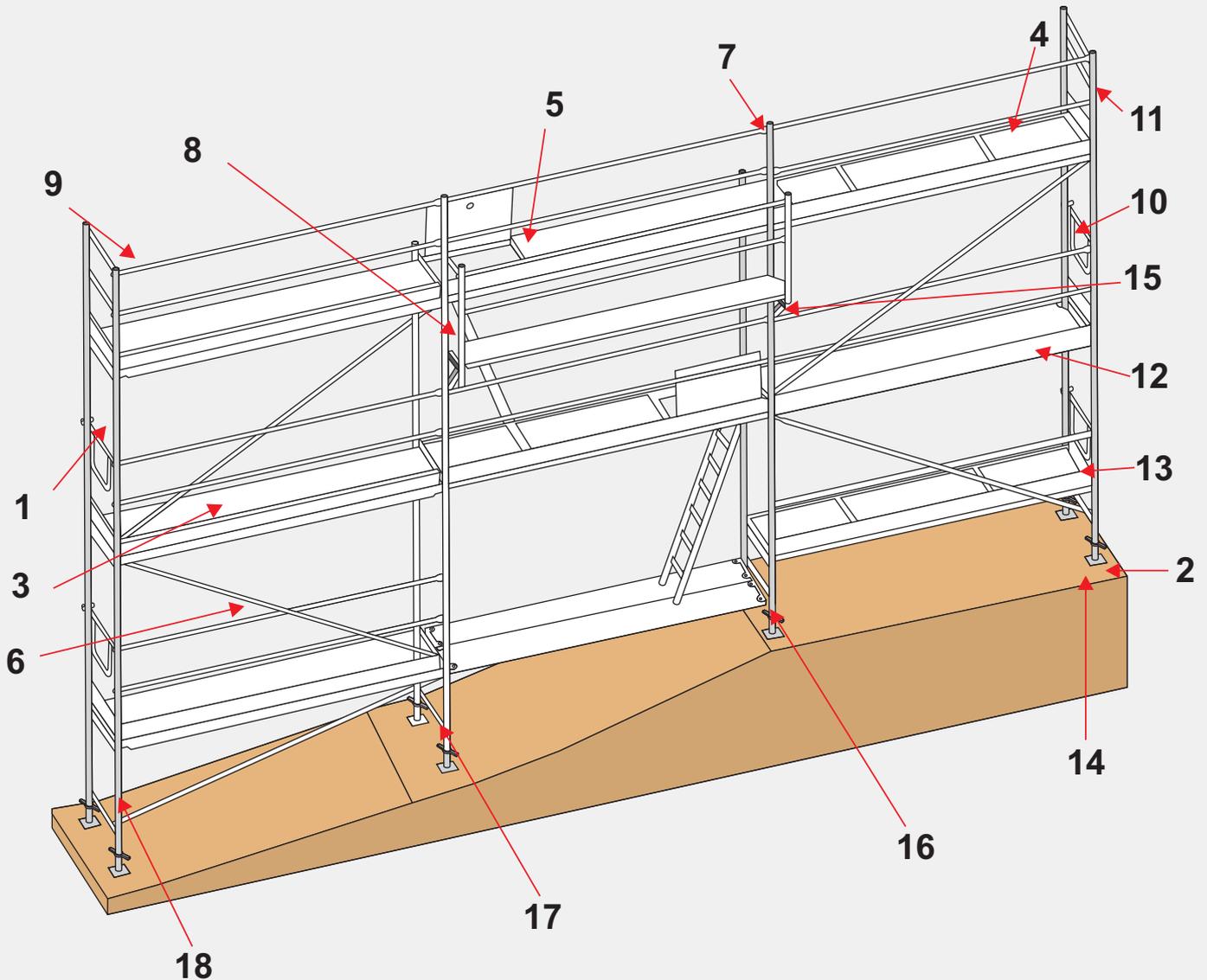
## BASE COLLAR



Code	Type	Length (mm)	Weight (kg)
MS-2423	Base Collar	0.240	1.600
MS-2424	Extended Base Collar	0.430	2.700

Code : MS-2426  
**LEDGER END (RIGHT)**  
Weight : 0.520 kg.





- |   |                            |
|---|----------------------------|
| 1. Vertical Frame                           | 10. Double, side hand-rail |
| 2. Wooden Platform                          | 11. Front hand-rail        |
| 3. Steel Platform                           | 12. Longitudinal Board     |
| 4. Aluminium Platform                       | 13. 0.74 Side Board        |
| 5. Aluminium Platform with Manhole & Ladder | 14. Adjustable Steel Foot  |
| 6. Angle Ties                               | 15. 35 Console             |
| 7. Hand rail post with platform protection  | 16. 0.74 Platform Support  |
| 8. Hand rail post                           | 17. Vertical Frame 0.66m   |
| 9. Hand rail                                | 18. Vertical Frame 1m      |

## 70B SYSTEM FOR SCAFFOLDING BST

The Malmo Steels 70B system is an universal facade scaffolding system which, if properly configured, can meet scaffolding 6th group requirements according to DIN EN 12811 standard.

The main component of the scaffolding system are hot-dip galvanized steel metal frames. The frame is equipped with an U-shaped section intended for installation of platforms, which also act as scaffolding's horizontal bracing.

Vertical bracing has the form of angle ties. Wide range of lengths and the ability to combine 1.5 m, 2.0 m, 2.5 m and 3.0m modules, ease of installation and its unquestep-movement feature, which involves disassembly of the last vertical section and its installation on the opposite end of scaffolding, have all contributed to recognition of this product among professional companies for which costs and time of scaffolding moving is important.

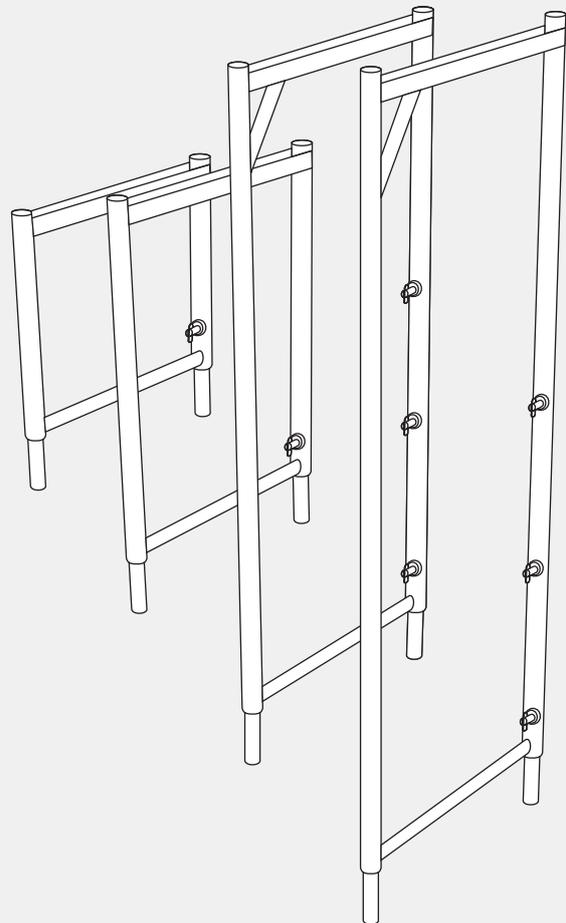
Availability of multiple accessories, such as consoles, wooden, steel and aluminium & plywood platforms, 0.6m and 1.0m levelling frames and more, ensures flexible adaptability and precise vertical positioning of scaffoldings on difficult terrain, regardless of the conditions at the construction site.

During scaffolding production, special attention is paid to its finishing quality. Hot-dip galvanized surfaces of steel elements contribute to high corrosion resistance of the system. Hand rails' and tie-rods' locks are all forged. High quality impregnate applied on wooden platforms is yet another element contributing to the Malmo Steels 70B scaffolding long usable-life.

With each scaffolding kit, customers receive a statement confirming its compliance with PN-EN standards, as well as assembly and disassembly instructions (technical & operational documentation). These are the only documents required under applicable laws, that authorize sales and operation of scaffoldings in EU countries.

### VERTICAL FRAME

This is the basic load-bearing component of the scaffolding. 0.74m-wide frame made of dia. 48.3mm steel tubes, hot-dip galvanized. The frame is equipped with a U-section, on which two 0.32m-wide wooden/steel platforms or one 0.65m-wide aluminium & plywood platform can be installed. Additionally the frame is equipped with special die forged locks for installation of hand-rails, tie-rods and boards.

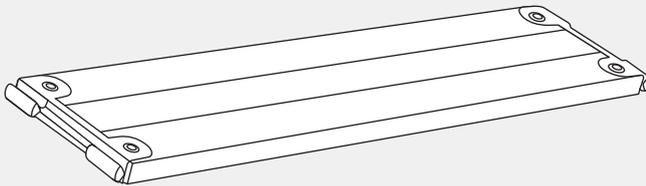


Code	Size (m)	Weight (kg)
MS-2019	0.660	7.980
MS-2018	1.000	9.100
MS-2007	1.500	13.600
MS-2001	2.000	17.600

## 70B SYSTEM FOR SCAFFOLDING BST

### WOODEN PLATFORM

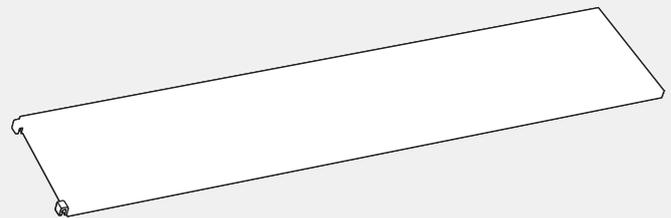
0.32m-wide and 48mm-thick platform, immersion-impregnated, made of pinewood planks bound with D6-class waterproof glue. Bevelled platform edges. Equipped with special-purpose ferrules for platform installation in the frame U-section. Symmetrical design of ferrules allows platform installation in two orientations.



Code	Size (m)	Weight (kg)
MS-2052	1.500	-
MS-2053	2.000	-
MS-2054	2.500	-
MS-2055	3.000	-

### ALUMINIUM PLATFORM

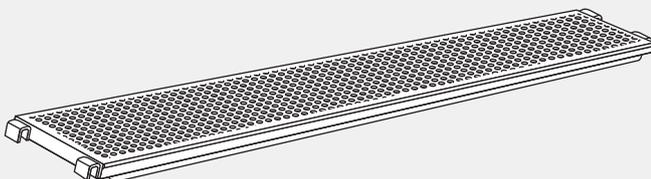
0.65m-wide platform-aluminium frame with replaceable anti-slip plywood plate.



Code	Size (m)	Weight (kg)
MS-2056	2.500	-
MS-2057	3.000	-

### WOODEN PLATFORM

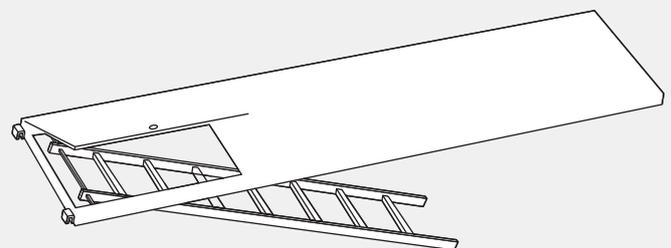
0.32m-wide steel platform made of profiled sheet metal plates, hot-dip galvanized. Coarse finish prevents slipping.



Code	Size (m)	Weight (kg)
MS-2058	1.500	-
MS-2059	2.000	-
MS-2060	2.500	-
MS-2061	3.000	-

### ALUMINIUM PLATFORM WITH MANHOLE & LADDER

0.65m-wide platform-aluminium frame with replaceable anti-slip plywood plate. The platform has a swivel-mounted manhole with integrated welded aluminium ladder. Its purpose is to ensure safe circulation on the scaffolding.



Code	Size (m)	Weight (kg)
MS-2062	2.500	-
MS-2063	3.000	-

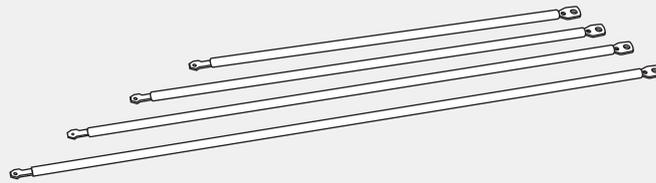
## 70B SYSTEM FOR SCAFFOLDING BST

### ANGLE TIES

42.4mm dia. steel tube, hot-dip galvanized. Equipped with forged ferrule for angle tie installation in the frame U-section. Used for vertical reinforcement of the scaffolding.

### HAND RAIL POST WITH PLATFORM PROTECTION

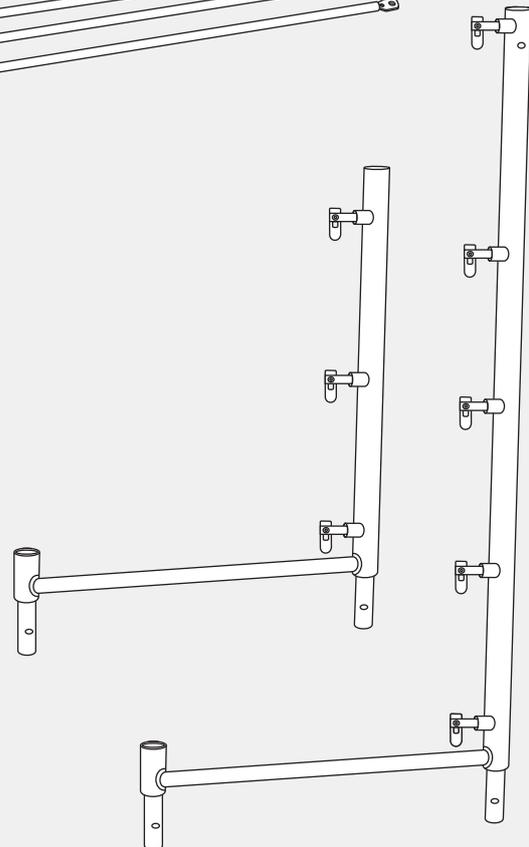
0.74m-wide post, made of 48.3mm dia. metal tube, hot-dip galvanized. Equipped with die forged locks for hand-rails, boards and roofer's nets installation. Used for scaffolding's top level protection.



Code	Size (m)	Weight (kg)
MS-2064	300/200	-
MS-2065	250/200	-
MS-2066	250/150	-
MS-2067	250/100	-
MS-2068	200/200	-
MS-2069	150/200	-

### HAND RAIL POST

0.74m-wide post, made of 48.3mm dia. metal tube, hot-dip galvanized. Equipped with die forged locks for hand-rails and boards.



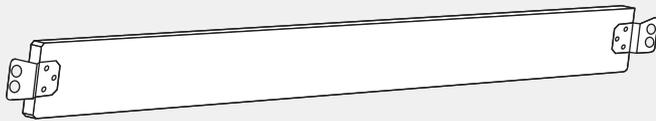
Code	Size (m)	Weight (kg)
MS-2070	-	-

Code	Size (m)	Weight (kg)
MS-2071	1.100	7.500
MS-2072	2.000	11.400

## 70B SYSTEM FOR SCAFFOLDING BST

### LONGITUDINAL BOARD

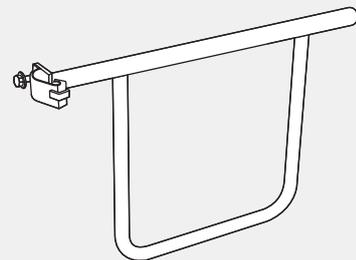
A 150mm-tail and 30mm-thick board made of pinewood. Edges of the board are beveled. Used to protect scaffoldings' longitudinal surfaces.



Code	Size (m)	Weight (kg)
MS-2073	1.500	-
MS-2074	2.000	-
MS-2075	2.500	-
MS-2076	3.000	-

### DOUBLE, SIDE HAND-RAIL

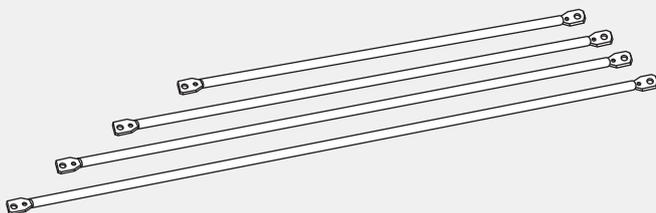
Hot-dip galvanized steel hand-rail. Used for protecting the front side of the scaffolding's operating area. Installed onto the frame using a semi-link.



Code	Size (m)	Weight (kg)
MSZSZ-2077	-	3.350

### HAND RAILS

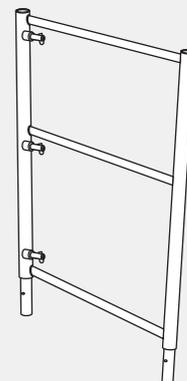
Steel tube pressed over on both ends, hot-dip galvanized, with holes for its installation in hand-rail posts' and frames' locks.



Code	Size (m)	Weight (kg)
MS-2042	1.500	2.100
MS-2002	2.000	2.800
MS-2003	2.500	3.550
MS-2036	3.000	4.260

### FRONT HAND-RAIL

0.74m-wide frame made of dia. 48.3mm tubes, hot-dip galvanized. Equipped with integrated hand-rails. Used for protecting the front side of the scaffolding and the platform on its top level.

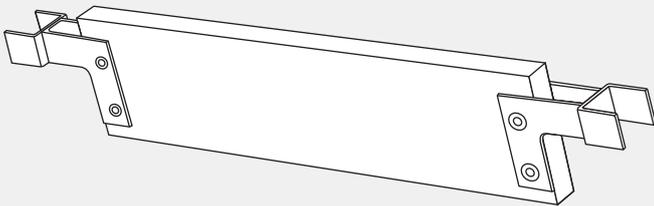


Code	Size (m)	Weight (kg)
MS-2007	-	12.800

## 70B SYSTEM FOR SCAFFOLDING BST

### 0,74 SIDE BOARD

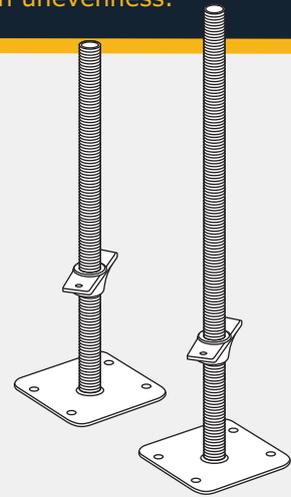
A 150mm-tail and 30mm-thick board made of pinewood. Edges of the board are beveled. Used to protect scaffolding's front surfaces.



Code	Size (m)	Weight (kg)
MS-2078	-	-

### ADJUSTABLE STEEL FOOT

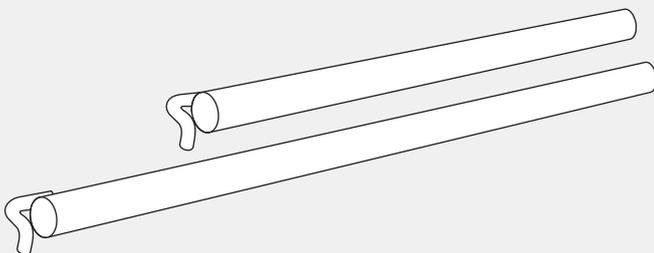
Made of 33mm dia. threaded tubular bolt, measuring 150x150mm. Equipped with die forged nut with socket for the frame pipe installation, hot-dip galvanized. Used for compensation of terrain unevenness.



Code	Size (m)	Weight (kg)
MS-2243	0.500	2.950
MS-2244	0.700	3.510

### HOOK ANCHOR

Made of 48.3mm dia. steel tube, hot-dip galvanized. Equipped with a special hook allowing the scaffolding to be anchored to a wall.



Code	Size (m)	Weight (kg)
MS-2079	0.450	1.700
MS-2080	0.750	2.670
MS-2081	1.100	3.850

### EYELET BOLT

Galvanized steel bolt. Used for scaffolding anchoring to a wall. Available in following dimensions.

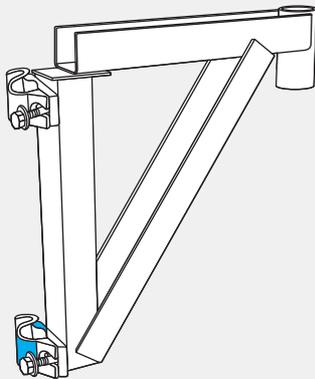


Code	Dia	Size (m)	Weight (kg)
MS-2245	12	230	-
MS-2246	12	300	-

## 70B SYSTEM FOR SCAFFOLDING BST

### 35 CONSOLE

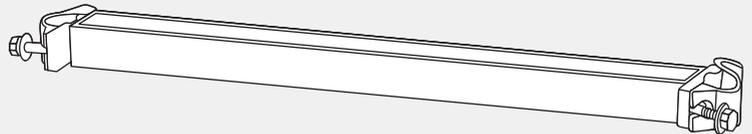
A steel element made of the U-section, hot-dip galvanized. Equipped with two semi-links used for installation to the scaffolding's main frame and with a tubular link for hand-rails posts installation. Used for extending the scaffolding width inwards by one additional 0.32-wide wooden/steel platform.



Code	Size (m)	Weight (kg)
MS-2016	-	5.750

### 0.74 PLATFORM SUPPORT

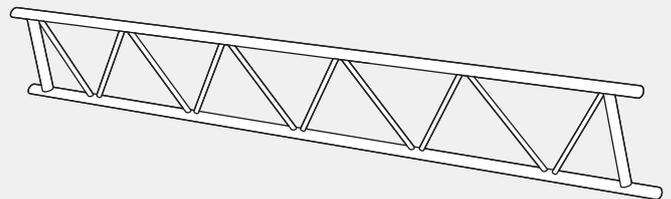
A steel element made of the U-section, hot-dip galvanized. Equipped with two semi-links used for installation to the scaffolding's main frame. Used to install the platform at any height of the scaffolding frame.



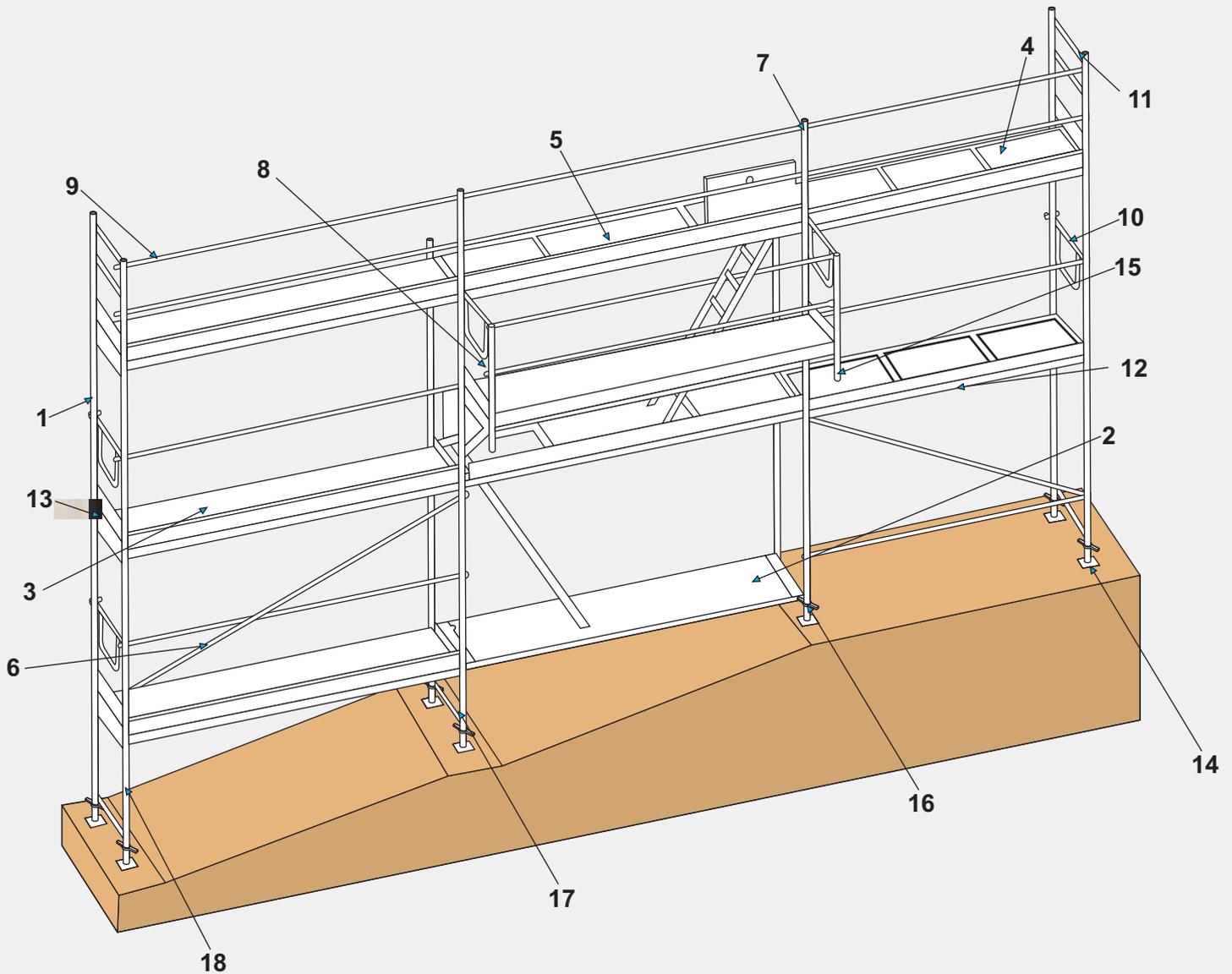
Code	Size (m)	Weight (kg)
MS-2087	-	-

### TRUSS GIRDER

This truss is made of two 48.3mm steel tubes and angular and crosswise bracings, hot-dip galvanized. It is used to cross non-standard obstacles.



Code	Size (m)	Weight (kg)
MS-2082	3.200	-
MS-2083	4.200	-
MS-2084	5.200	-
MS-2085	6.200	-
MS-2086	8.200	-



1. Vertical Frame
2. Wooden Platform
3. Steel Platform
4. Aluminium Platform
5. Aluminium Platform with Manhole & Ladder
6. Angle Ties
7. Hand rail post with platform protection
8. Hand rail post
9. Hand rail

10. Double, side hand-rail
11. Front hand-rail
12. Longitudinal Board
13. 0.74 Side Board
14. Adjustable Steel Foot
15. 70 Console
16. 0.74 Platform Support
17. Vertical Frame 0.66m
18. Vertical Frame 1m

## 70B SYSTEM FOR SCAFFOLDING PLT

The Malmo Steels 70P system is an universal facade scaffolding system which, if properly configured, can meet scaffolding 6th group requirements according to DIN EN 12 811 standard.

The main component of the scaffolding system are hot-dip galvanized steel metal frames. Equipped with star connecting bolt system to suspend two platforms and with locks for securing handrails, braces and boards. Vertical bracing has the form of zangle ties.

Wide range of lengths and the ability to combine 1.5m, 2.0m, 2.5m and 3.0m modules. Ease of assembly and also simple construction are the reasons that it is the most popular scaffolding in Europe.

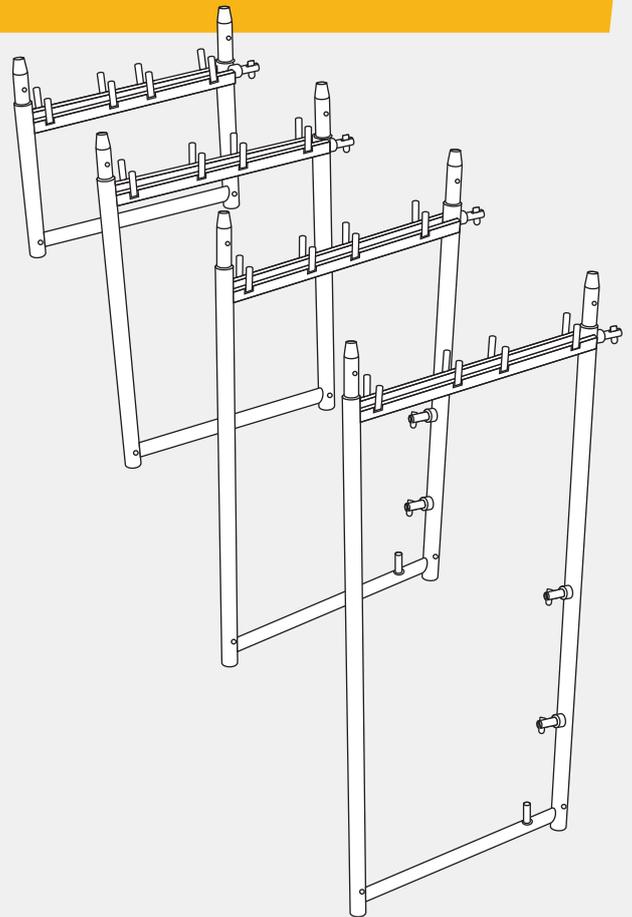
Availability of multiple accessories, such as consoles, wooden, steel and aluminium & plywood platforms, 0.6m and 1.0m leveling frames and more, ensures flexible adaptability and precise vertical positioning of scaffolding on difficult terrain, regardless of the conditions at the construction site.

During scaffolding production, special attention is paid to its finishing quality. Hot-dip galvanized surfaces of steel elements contribute to high corrosion resistance of the system. Hand rails, and tie-rods, locks are all forged. High quality impregnate applied on wooden platforms is yet another element contributing to the Malmo Steels 70P Scaffolding long usable-life.

With each scaffolding kit, customers receive a statement confirming its compliance with PN-EN standards, as well as assemble and disassembly instructions (technical & operational documentation). These are the only documents required under applicable laws, that authorize sales and operation of scaffoldings in EU countries.

### VERTICAL FRAME

This is the basic load-bearing component of the scaffolding. 0.74m-wide frame made of dia. 48.3mm steel tubes, hot-dip galvanized. Equipped with star connecting bolt system to suspend two platforms and with locks for securing handrails, braces and barrier boards.

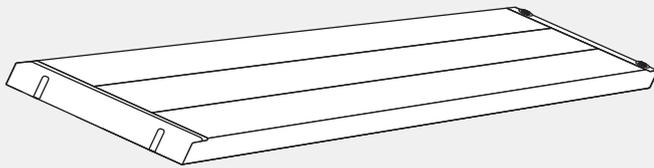


Code	Size (m)	Weight (kg)
MS-2029	0.500	8.850
MS-2049	1.000	12.000
MS-2050	1.500	15.100
MS-2051	2.000	18.340

## 70B SYSTEM FOR SCAFFOLDING PLT

### WOODEN PLATFORM

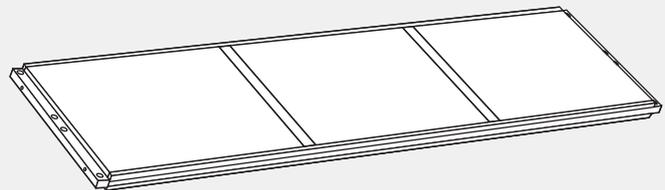
0.32m-wide and 48mm-thick platform, immersion-impregnated, made of pinewood planks bound with D6-class waterproof glue. Bevelled platform edges. Equipped with fittings to secure platform on bolts. Symmetrical design of ferrules allows platform installation in two orientations.



Code	Size (m)	Weight (kg)
MS-2088	1.500	-
MS-2089	2.000	-
MS-2090	2.500	-
MS-2091	3.000	-

### LUMINIUM PLATFORM

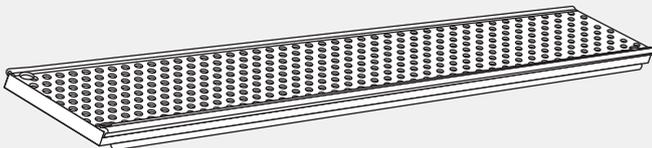
0.65m-wide platform - aluminium frame with replaceable anti-slip plywood plate.



Code	Size (m)	Weight (kg)
MS-2092	2.500	-
MS-2093	3.000	-

### STEEL PLATFORM

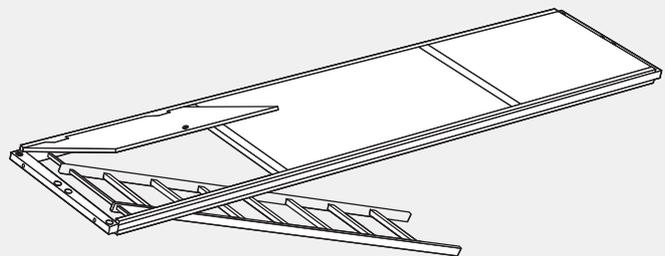
0.32m-wide steel platform made of profiled sheet metal plates, hot-dip galvanized. Anti-slip coarse surface.



Code	Size (m)	Weight (kg)
MS-2094	0.660	-
MS-2095	1.000	-
MS-2096	1.500	-
MS-2097	2.000	-

### ALUMINIUM PLATFORM WITH MANHOLE & LADDER

0.65m-wide platform - aluminium frame with replaceable anti-slip plywood plate. The platform has a swivel-mounted manhole with integrated welded aluminium ladder. Its purpose is to ensure safe circulation on the scaffolding.

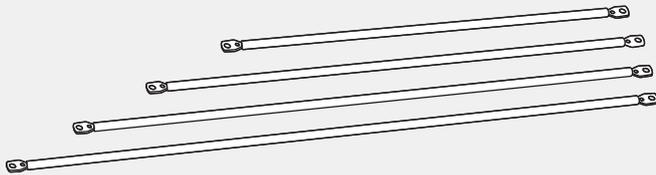


Code	Size (m)	Weight (kg)
MS-2098	2.500	-
MS-2099	3.000	-

## 70B SYSTEM FOR SCAFFOLDING PLT

### ANGLE TIES

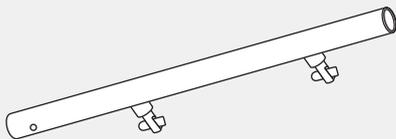
48.3mm dia. steel tube, hot-dip galvanized. Equipped with forged ferrule for angle tie installation in the frame U-section. Used for vertical reinforcement of the scaffolding.



Code	Size (m)	Weight (kg)
MS-2100	300/200	-
MS-2101	250/200	-
MS-2102	200/200	-
MS-2103	150/200	-
MS-2104	250/150	-
MS-2105	250/100	-

### HAND RAIL POST

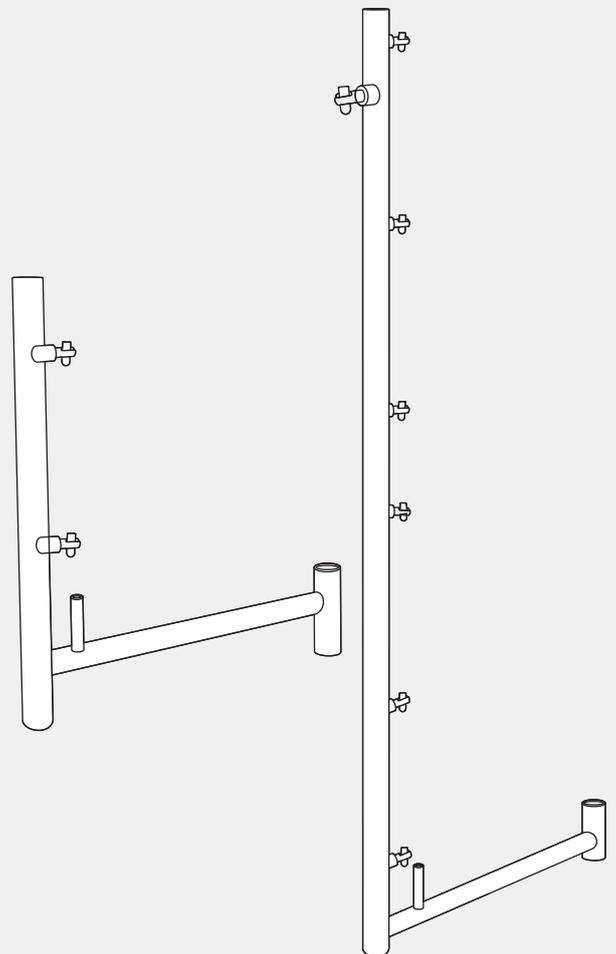
0.74m-wide post, made of 48.3mm dia. steel tube, hot-dip galvanized. Equipped with die forged locks for hand-rails curbs.



Code	Size (m)	Weight (kg)
MS-2106	-	3.300

### HAND RAIL POST WITH PLATFORM PROTECTION

This is the basic load-bearing component of the scaffolding. 0.74m-wide frame made of dia. 48.3mm steel tubes, hot-dip galvanized. Equipped with star connecting bolt system to suspend two platforms and with locks for securing handrails, braces and barrier boards.

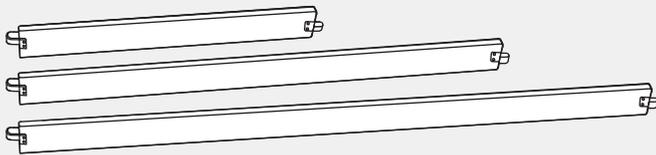


Code	Size (m)	Weight (kg)
MS-2030	1.100	5.600
MS-2031	2.000	10.400

## 70B SYSTEM FOR SCAFFOLDING PLT

### LONGITUDINAL BOARD

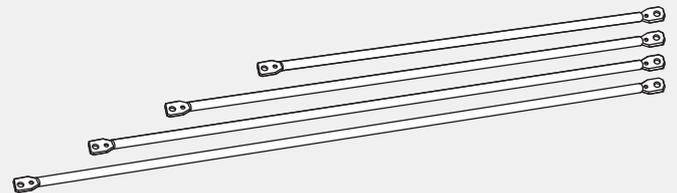
A150mm-tall and 30mm-thick board made of pinewood, immersion - impregnated. Edges of the board are bevelled. Used to protect scaffoldings longitudinal surfaces.



Code	Size (m)	Weight (kg)
MS-2107	1.500	-
MS-2108	2.000	-
MS-2109	2.500	-
MS-2110	3.000	-

### HAND RAILS

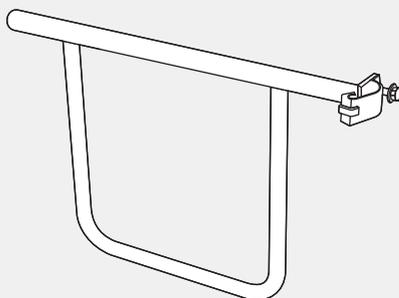
Hot-dip galvanized steel tube pressed over on both ends, with holes for its installation in hand -rail posts and frames locks.



Code	Size (m)	Weight (kg)
MS-2111	1.500	2.100
MS-2112	2.000	2.800
MS-2113	2.500	3.550
MS-2114	3.000	4.260

### DOUBLE, SIDE HAND-RAIL

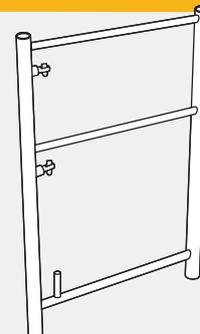
Hot-dip galvanized steel hand-rail. Used for protecting the front side of the scaffolding's operating area. Installed onto the frame using a semi-link.



Code	Size (m)	Weight (kg)
MS-2115	2.500	-

### H - FRAME

0.74m-wide frame made of dia. 48.3mm steel tube, hot-dip galvanized. Equipped with integrated hand-rail. Used for protecting the front side of the scaffoldings and the platform on its top level.

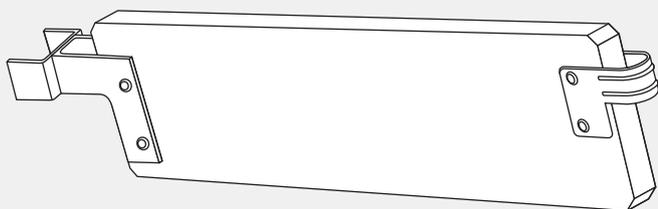


Code	Size (m)	Weight (kg)
MS-2116	-	10.940

## 70B SYSTEM FOR SCAFFOLDING PLT

### 0,74 SIDE BOARD

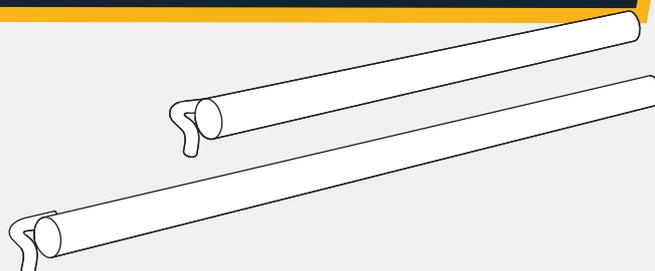
A 150mm-tall and 30mm-thick board made of pinewood, immersion - impregnated. Edges of the board are bevelled. Used to protect scaffoldings front surfaces.



Code	Size (m)	Weight (kg)
MS-2117	-	-

### HOOK ANCHOR

Made of 48.3mm dia. Steel tube, hot-dip galvanized. Equipped with a special hook allowing the scaffolding to be anchored to a wall.



Code	Size (m)	Weight (kg)
MS-2118	0.450	1.700
MS-2119	0.750	2.620
MS-2120	1.100	3.850

### ADJUSTABLE STEEL FOOT

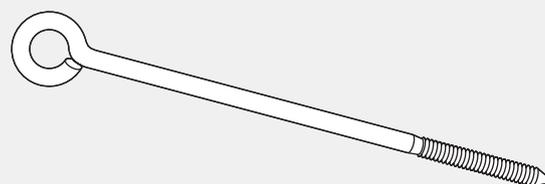
Made of 38mm dia. threaded tubular bolt, measuring 150x150mm. Equipped with die forged nut with socket for the frame pipe installation, hot-dip galvanized. Used for compensation of terrain unevenness.



Code	Size (m)	Weight (kg)
MS-2201	0.500	3.250
MS-2204	0.800	4.240

### EYELET BOLT

Galvanized steel bolt. Used for scaffolding anchoring to a wall. Available in the following dimensions.

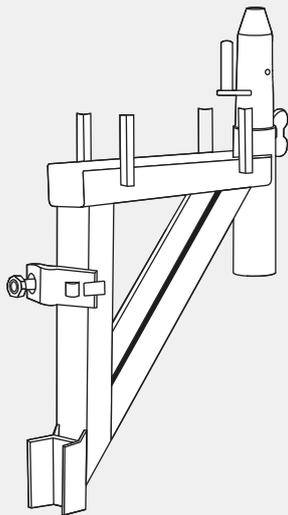


Code	Dia	Size (m)	Weight (kg)
MS-2121	12	230	-
MS-2122	12	300	-

## 70B SYSTEM FOR SCAFFOLDING PLT

### 35 CONSOLE

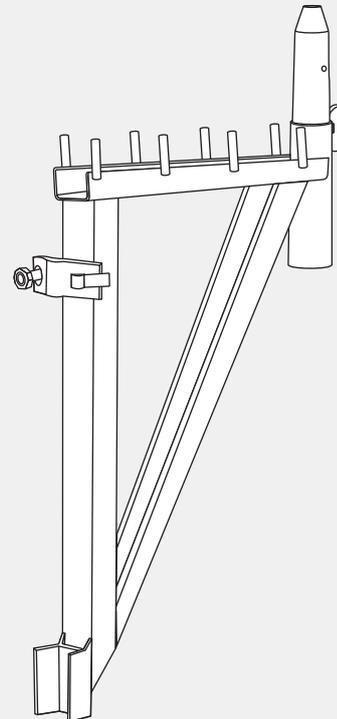
A steel element, hot-dip galvanized. Equipped with two semi-links used for installation to the scaffolding's main frame and with a tubular link for hand-rail posts installation. Used for extending the scaffolding width inwards or outwards by one additional 0.32-wide wooden/steel platform.



Code	Size (m)	Weight (kg)
MS-2123	-	-

### 70 CONSOLE

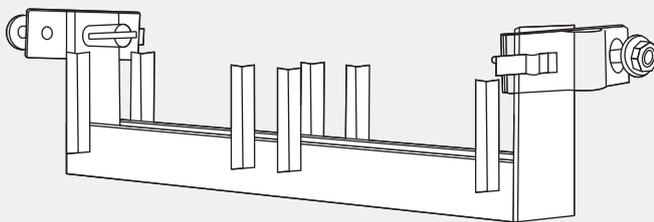
A steel element, hot-dip galvanized. Equipped with two semi-links used for installation to the scaffolding's main frame and with a tubular link for hand-rails posts installation. Used for extending the scaffolding width inwards or outwards by two additional 0.32-wide wooden/steel platforms or one additional 0.65-wide aluminium & plywood platform, as well as to move the scaffolding along its vertical axis.



Code	Size (m)	Weight (kg)
MS-2124	-	-

**0.70 PLATFORM SUPPORT**

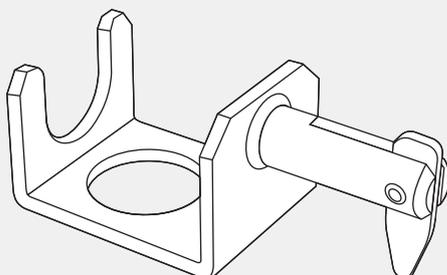
A steel element, hot-dip galvanized. Equipped with two semi-links used for installation to the scaffolding's main frame. Used to install the platform at any height of the



Code	Size (m)	Weight (kg)
MS-2125	-	-

**LOWER BRACE SECURING**

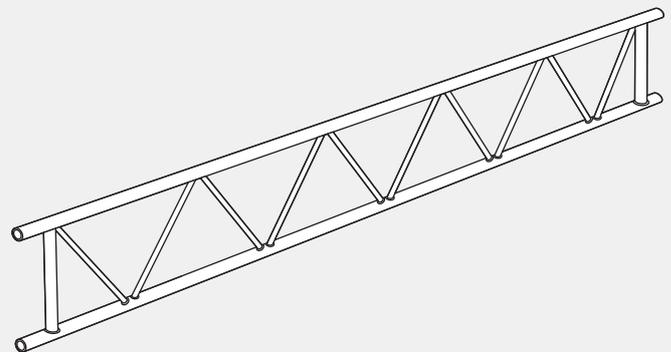
A steel element, hot-dip galvanized. Enable securing braces on the first level.



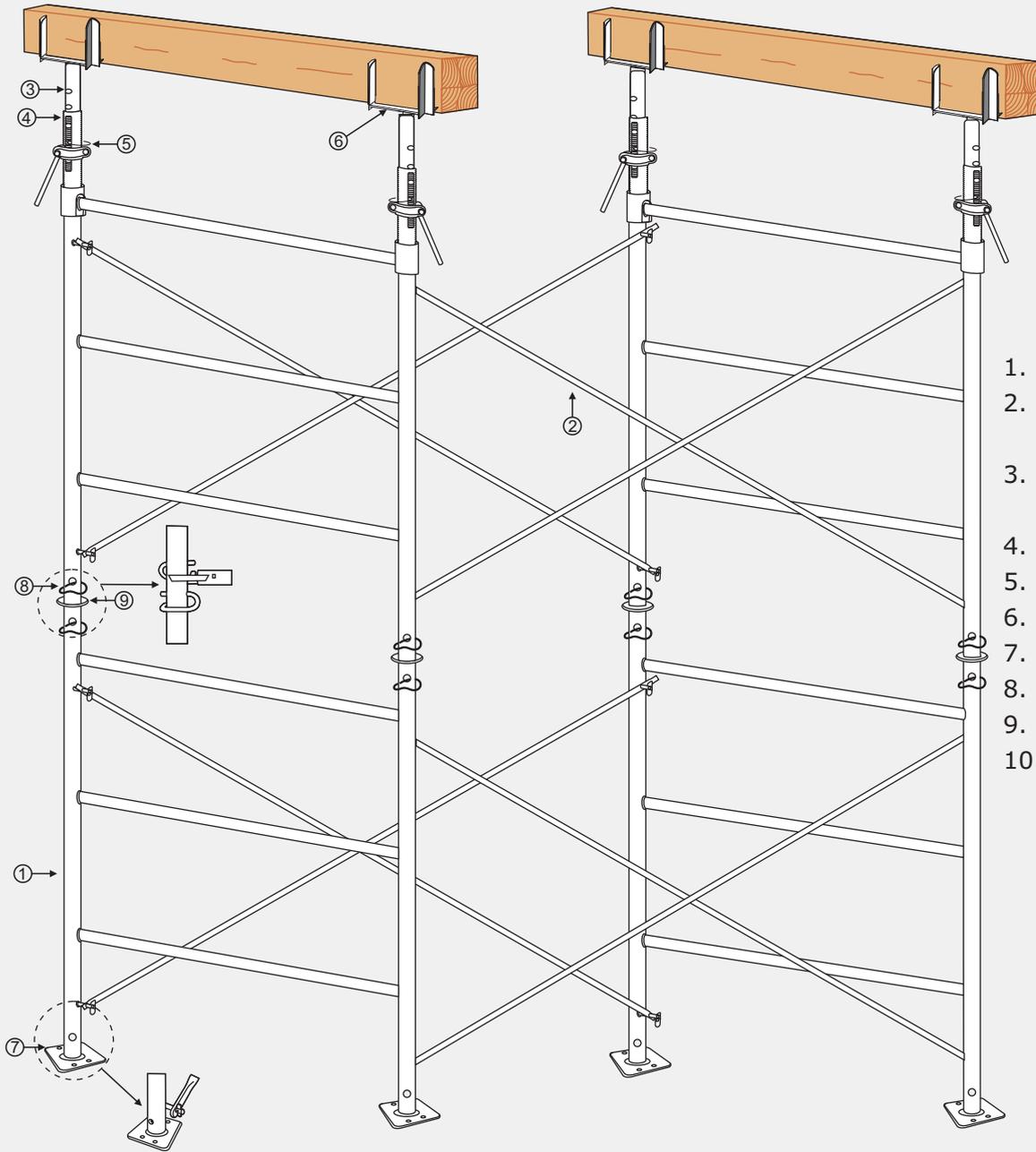
Code	Size (m)	Weight (kg)
MS-2039	-	0.480

**TRUSS GIRDER**

This truss is made of two 48.3mm steel tubes and angular and crosswise bracings, hot-dip galvanized. It is used to cross non-standard obstacles.



Code	Size (m)	Weight (kg)
MS-1900	3.200	-
MS-1901	4.200	-
MS-1902	5.200	-
MS-1903	6.200	-
MS-1904	8.200	-



- 1. Frame
- 2. Braces for Frame (Diagonal)
- 3. Extension Tube with Plate
- 4. Adapter
- 5. Lock Pin
- 6. Fork Head
- 7. Base Plate
- 8. Lock Pin
- 9. Connector
- 10. Guard Rail with Connectors



MS-2131

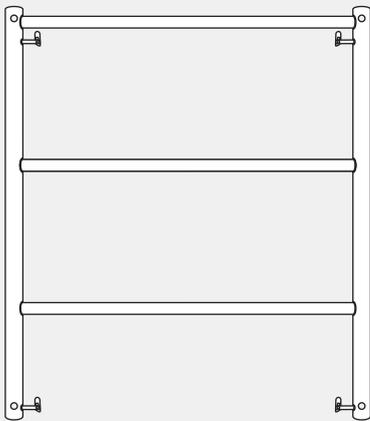
**FRAME**

Vertical Pipe : Ø 57mm

Horizontal Pipe : Ø 42mm

Size (2 Steps) : 0.92m x 1.200m

Size (3 Steps) : 1.500m x 1.200m



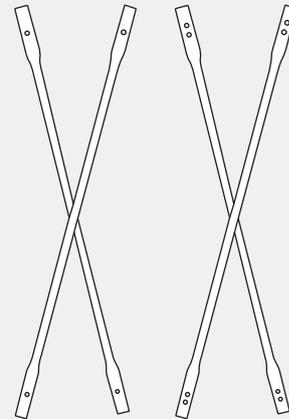
MS-2133

**BRACES FOR FRAMES (DIAGONAL)**

Pipe : Ø 27mm

Size (2 Steps) : 1.300m

Size (3 Steps) : 1.600m x 2.100m



MS-2132

**EXTENSION TUBE WITH PLATE**

Length (m) : 1.700

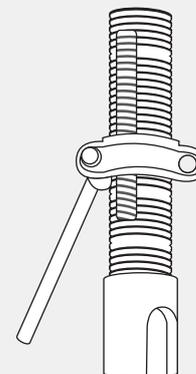
Pipe Ø (mm) : 48



MS-2134

**ADAPTER**

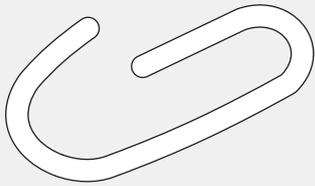
Pipe : Ø 60mm



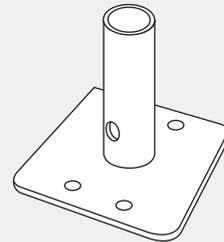


# MSLX SYSTEM

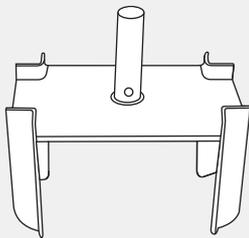
MS-2135  
**LOCK PIN**  
Rod : Ø 15mm  
Weight : 0.510 kg.



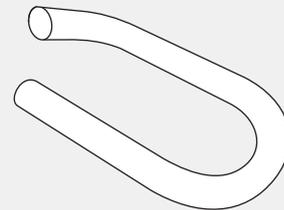
MS-2138  
**BASE PLATE**  
Plate Size : 120 x 120 x 6mm  
Pipe : Ø48 x 100mm  
Weight : 1.000 kg.



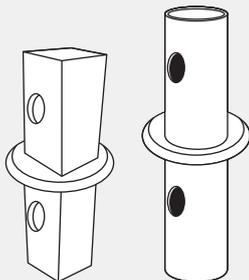
MS-2136  
**FORK HEAD**  
Size : 85 x 170mm  
Weight : 2.511 kg.



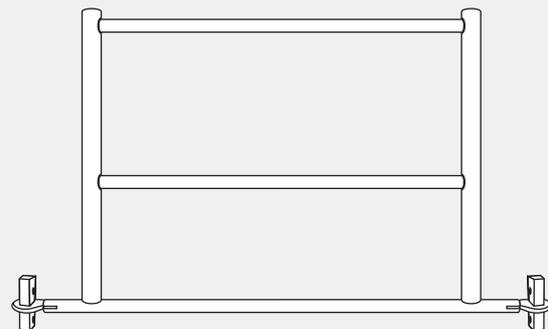
MS-2139  
**LOCK PIN**  
Rod : Ø15mm



MS-2137  
**CONNECTOR**  
Size :



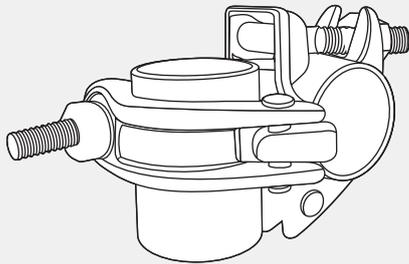
MS-2140  
**GUARD RAIL WITH CONNECTORS**



## DROP FORGED COUPLERS

### DOUBLE COUPLER

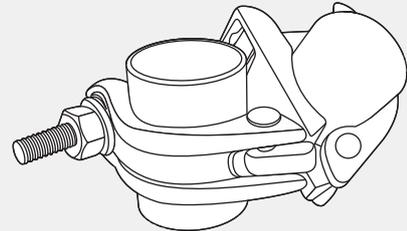
Forged type double couplers provide stronger grip. Easier to handle when connecting standard to standard or ledger to ledger and any tube having an outside diameter of 48.3mm at right angle or 90°.



Code	For Tube OD (mm)	Weight (kg)
MS-1010-NOR	48.300	0.970

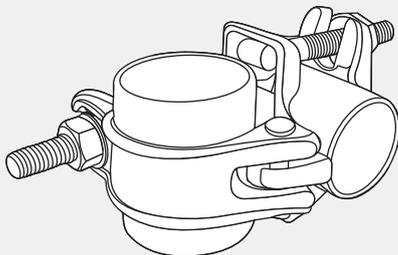
### SWIVEL COUPLER

Forged type swivel couplers are flexible than the double couplers since it can connect two 48.3mm outside diameter tube at any angle.



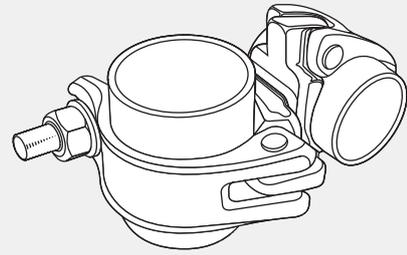
Code	For Tube OD (mm)	Weight (kg)
MS-1011-NOR	48.300	1.100

### COMBINATION DOUBLE COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1010-CD	48.300	1.120
MS-1010-CD	60.000	1.120

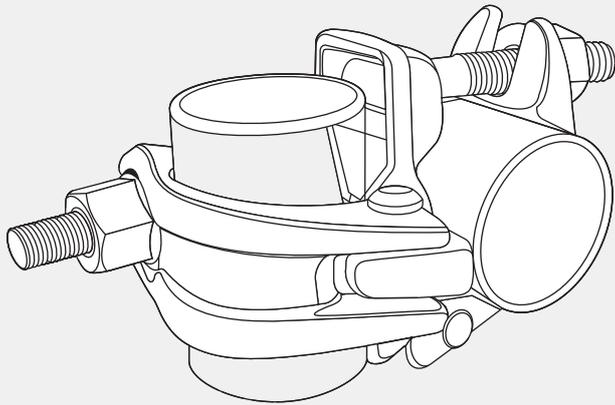
### COMBINATION SWIVEL COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1011-CS	48.300	1.300
MS-1011-CS	60.000	1.300

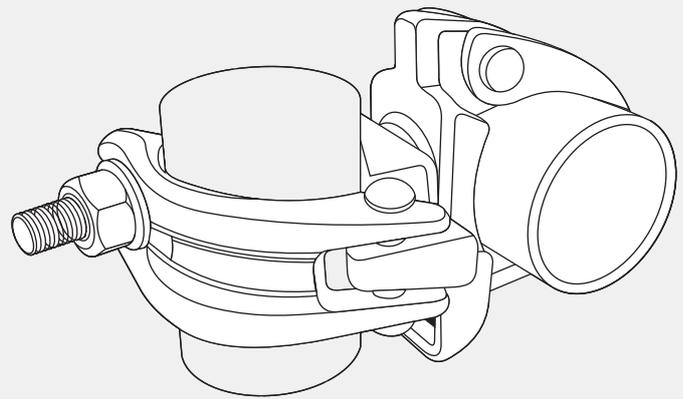
## DROP FORGED COUPLERS

### OVAL DOUBLE COUPLER



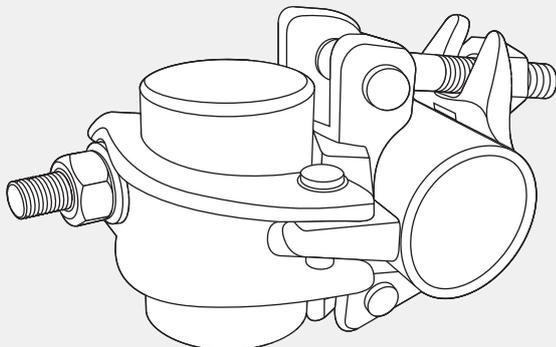
Code	For Tube OD (mm)	Weight (kg)
MS-1010-OVL	48.300	1.070

### OVAL SWIVEL COUPLER



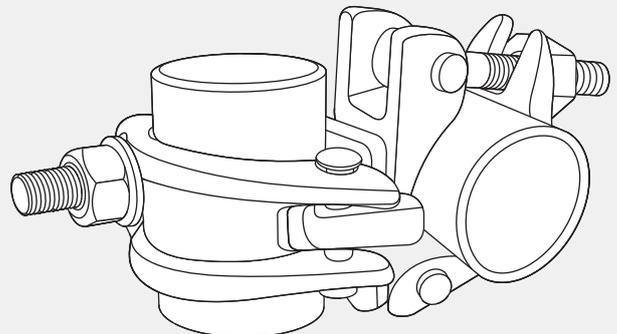
Code	For Tube OD (mm)	Weight (kg)
MS-1011-OVL	48.300	1.200

### DOUBLE COUPLER WITH EYE BOLT



Code	For Tube OD (mm)	Weight (kg)
MS-1010-EYE	48.300	1.230

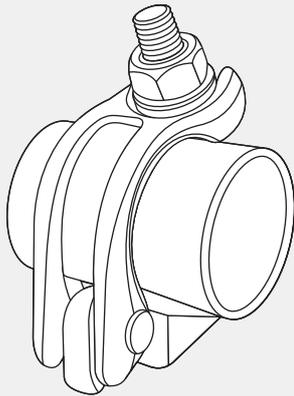
### SWIVEL COUPLER WITH EYE BOLT



Code	For Tube OD (mm)	Weight (kg)
MS-1011-EYE	48.300	1.270

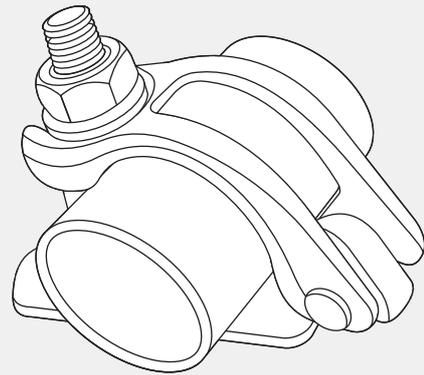
## DROP FORGED COUPLERS

### HALF SWIVEL COUPLER



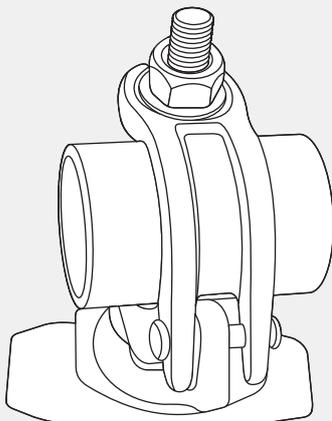
Code	For Tube OD (mm)	Weight (kg)
MS-1011-NOR-H	48.300	0.530

### OVAL SWIVEL COUPLER



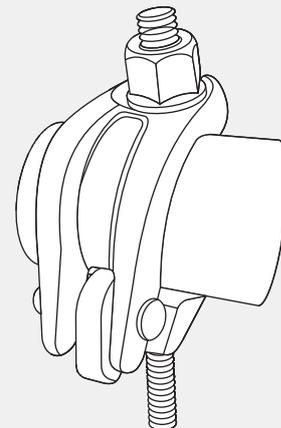
Code	For Tube OD (mm)	Weight (kg)
MS-1011-OVL-H	48.300	0.600

### DOUBLE COUPLER WITH EYE BOLT



Code	For Tube OD (mm)	Weight (kg)
MS-1011-NOR-L	48.300	0.945

### SWIVEL COUPLER WITH EYE BOLT

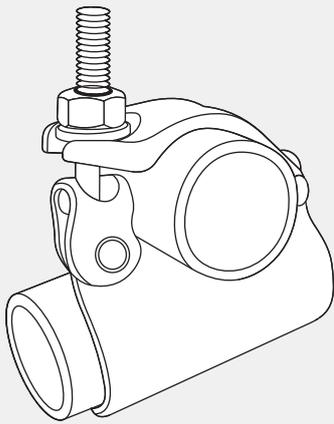


Code	For Tube OD (mm)	Weight (kg)
MS-1011-OVL-L	48.300	1.300

## DROP FORGED COUPLERS

### PUTLOG COUPLER

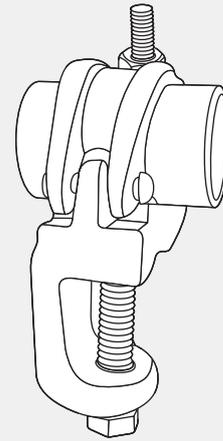
Designed to join putlogs or transoms to ledger allowing scaffold board to be laid across on top of the putlogs or transoms.



Code	For Tube OD (mm)	Weight (kg)
MS-1013	48.300	0.653

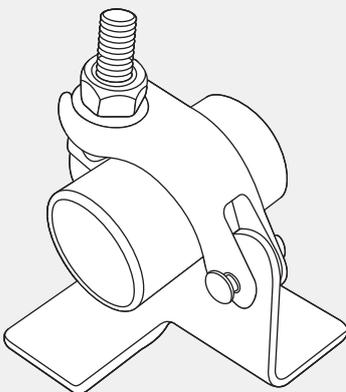
### GRAVLOCK COUPLER

Designed to connect scaffold tube to beam or girder flange. A pair of gravlock girder couplers must always be used.



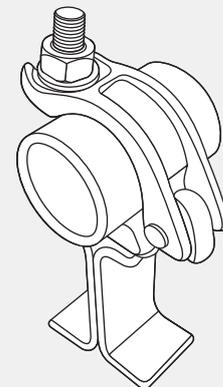
Code	For Tube OD (mm)	Weight (kg)
MS-1015	48.300	1.530

### BOARD RETAINING CLAMP



Code	For Tube OD (mm)	Weight (kg)
MS-1017	48.300	0.710

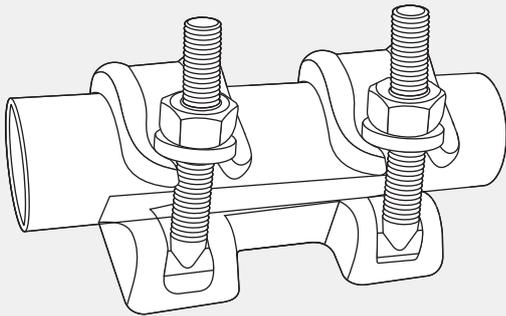
### TOE BOARD COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1021	48.300	0.890

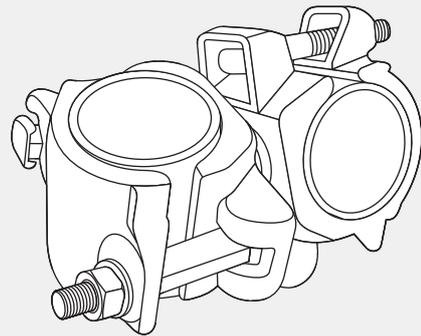
# DROP FORGED COUPLERS

## SLEEVE COUPLER



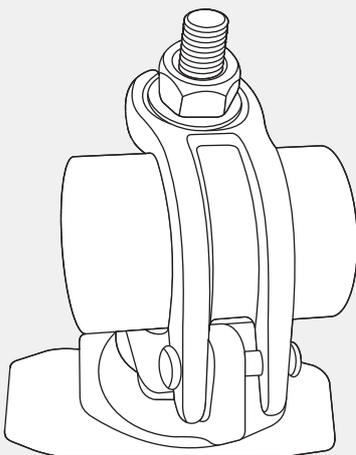
Code	For Tube OD (mm)	Weight (kg)
MS-1014	48.300	0.530

## SWIVEL COUPLER



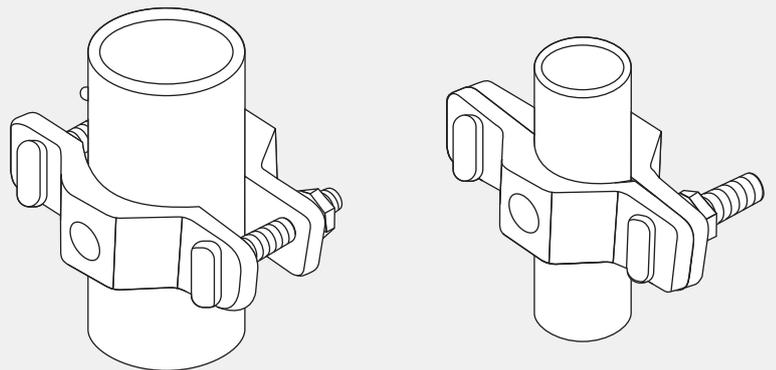
Code	For Tube OD (mm)	Weight (kg)
MS-1011-76	76.200	7.700

## DOUBLE COUPLER WITH EYE BOLT



Code	For Tube OD (mm)	Weight (kg)
MS-1011-NOR-L	48.300	0.945

## SWIVEL COUPLER



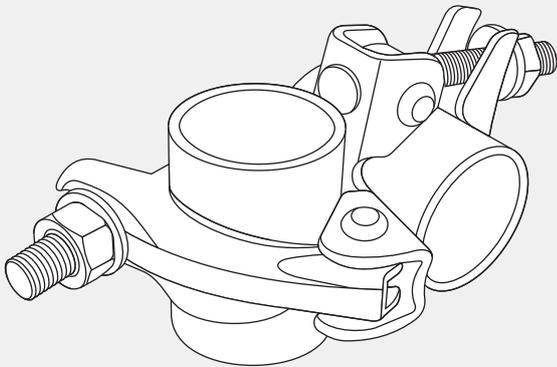
Code	For Tube OD (mm)	Weight (kg)
MS-	42.000	-
	50.000	
	60.000	
	70.000	



## PRESSED COUPLERS

### DOUBLE COUPLER - NORMAL

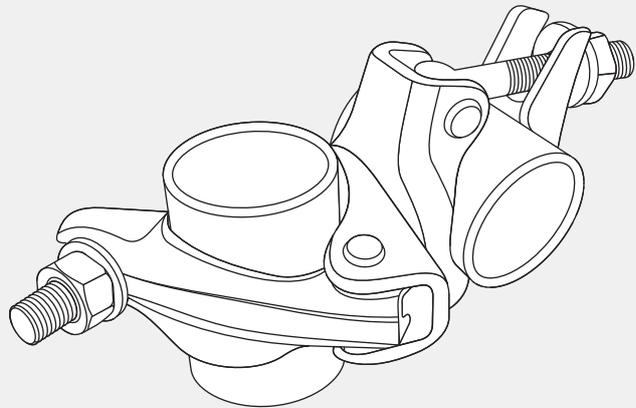
Used to connect two scaffolding tubes at right angles. These are critical components in the scaffolding structure and must be load bearing to resist both slip and distortion.



Code	Sheet Thickness (mm)	For Tube OD (mm)	Weight (kg)
MS-1110	5	48.300	0.900

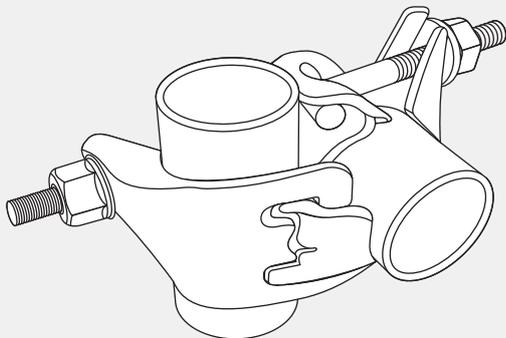
### SWIVEL COUPLER - NORMAL

Used to connect two scaffolding tubes at any angle. These are key components in the structure and must be load bearing. The body is firmly riveted to permit rotation, still ensures the minimum further movement & maximum rigidity.



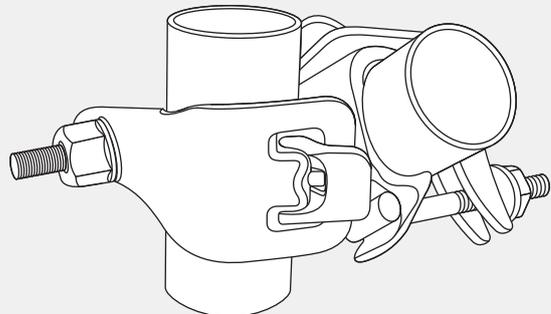
Code	Sheet Thickness (mm)	For Tube OD (mm)	Weight (kg)
MS-1111	5	48.300	1.050

### DOUBLE COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1110-EUR	48.300	-

### SWIVEL COUPLER

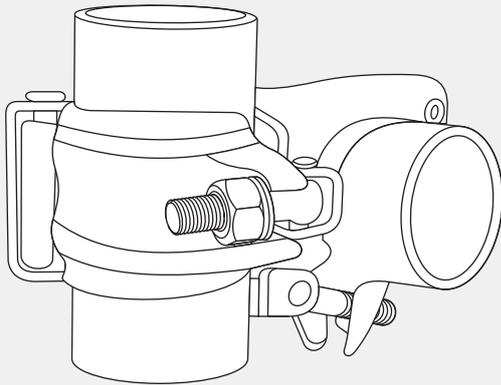


Code	For Tube OD (mm)	Weight (kg)
MS-1111-EUR	48.300	-



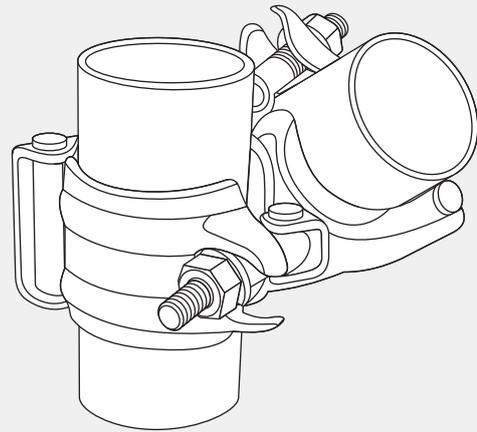
# PRESSED COUPLERS

## DOUBLE COUPLER



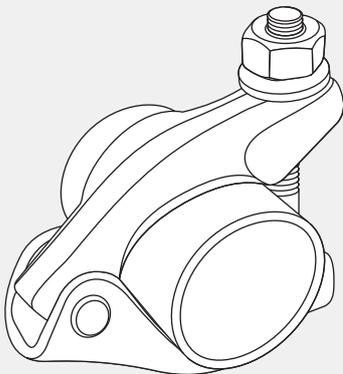
Code	For Tube OD (mm)	Weight (kg)
MS-1110-KOR	48.300	0.670

## SWIVEL COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1111-KOR	48.300	0.700

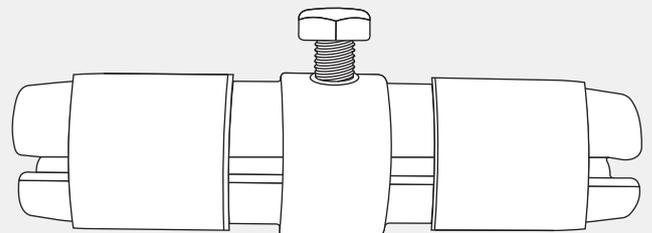
## HALF SWIVEL COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1111-H	48.300	0.450

## JOINT PIN

Used to connect two scaffolding tubes end to end. Fitted internally it expands to apply maximum grip against the wall of the tube. Not suitable for joints where tension can be developed in the tube.



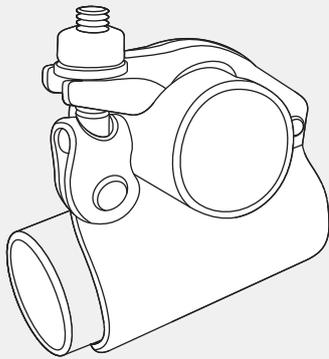
Code	For Tube OD (mm)	Weight (kg)
MS-1112	48.300	0.815



## PRESSED COUPLERS

### PUT LOG COUPLER

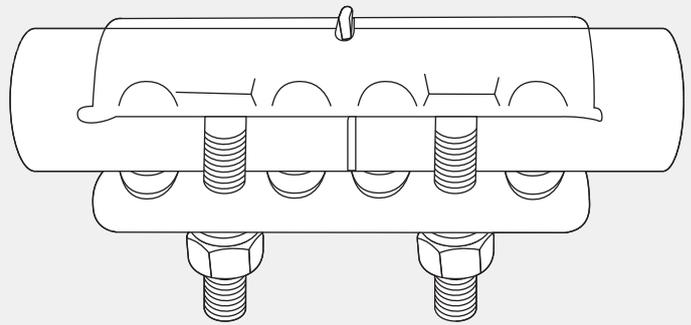
This coupler is designed to secure putlogs and transoms to ledger. It also conforms to the requirements for bracing coupler as it is capable of taking much higher loading than normal putlog couplers.



Code	For Tube OD (mm)	Weight (kg)
MS-1113	48.300	0.600

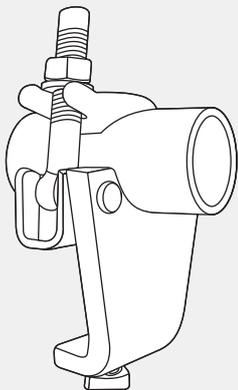
### SLEEVE COUPLER

Used to join two scaffolding tubes externally end to end. A steel divider located centrally ensures equal insertion of each tube. They can be employed where tension joints are required.



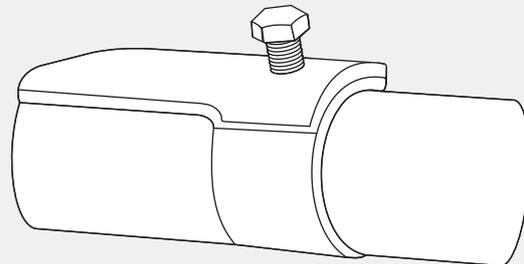
Code	For Tube OD (mm)	Weight (kg)
MS-1114	48.300	1.070

### GRAVLOC COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1115	48.300	1.440

### PUT LOG ADAPTER

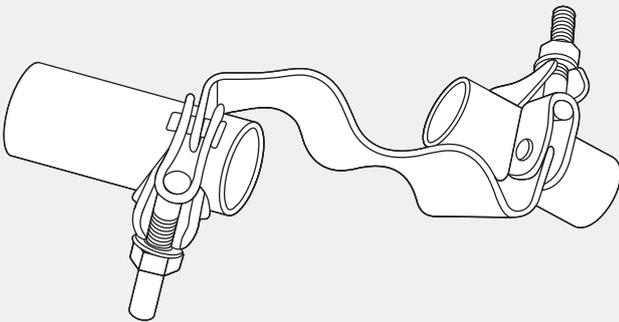


Code	For Tube OD (mm)	Weight (kg)
MS-1118	48.300	-



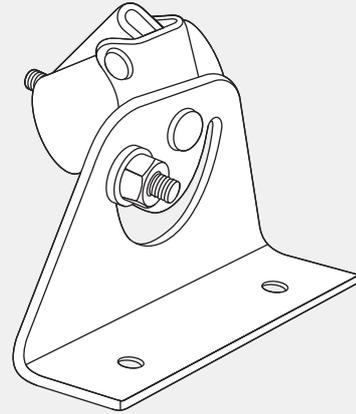
# PRESSED COUPLERS

## DOUBLE COUPLER



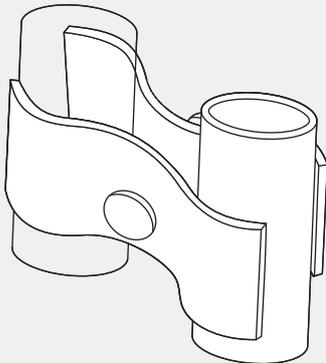
Code	For Tube OD (mm)	Weight (kg)
MS-1119	48.300	0.670

## SWIVEL COUPLER



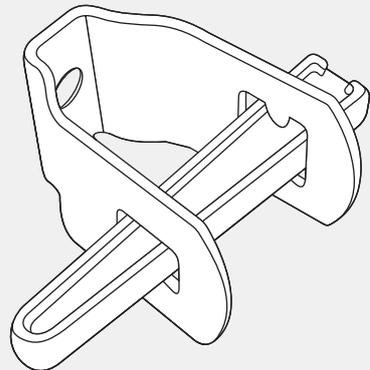
Code	For Tube OD (mm)	Weight (kg)
MS-1120	48.300	1.570

## HALF SWIVEL COUPLER



Code	For Tube OD (mm)	Weight (kg)
MS-1122	48.300	0.540

## JOINT PIN

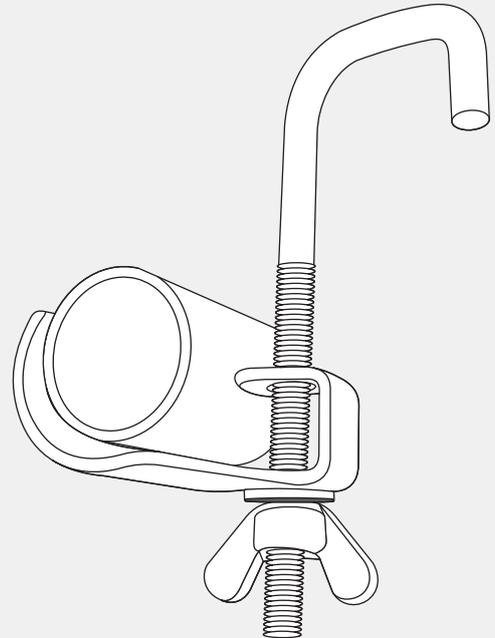
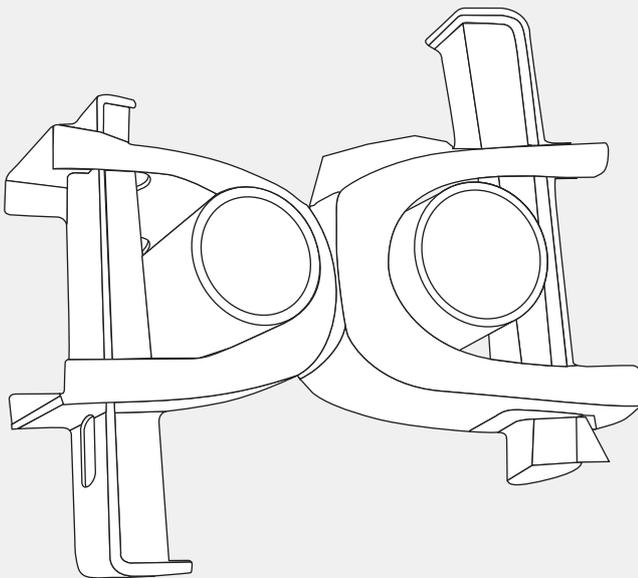


Code	For Tube OD (mm)	Weight (kg)
MS-1123	48.300	0.710



**SWIVEL WEDGE COUPLER**

**LADDER CLAMP**



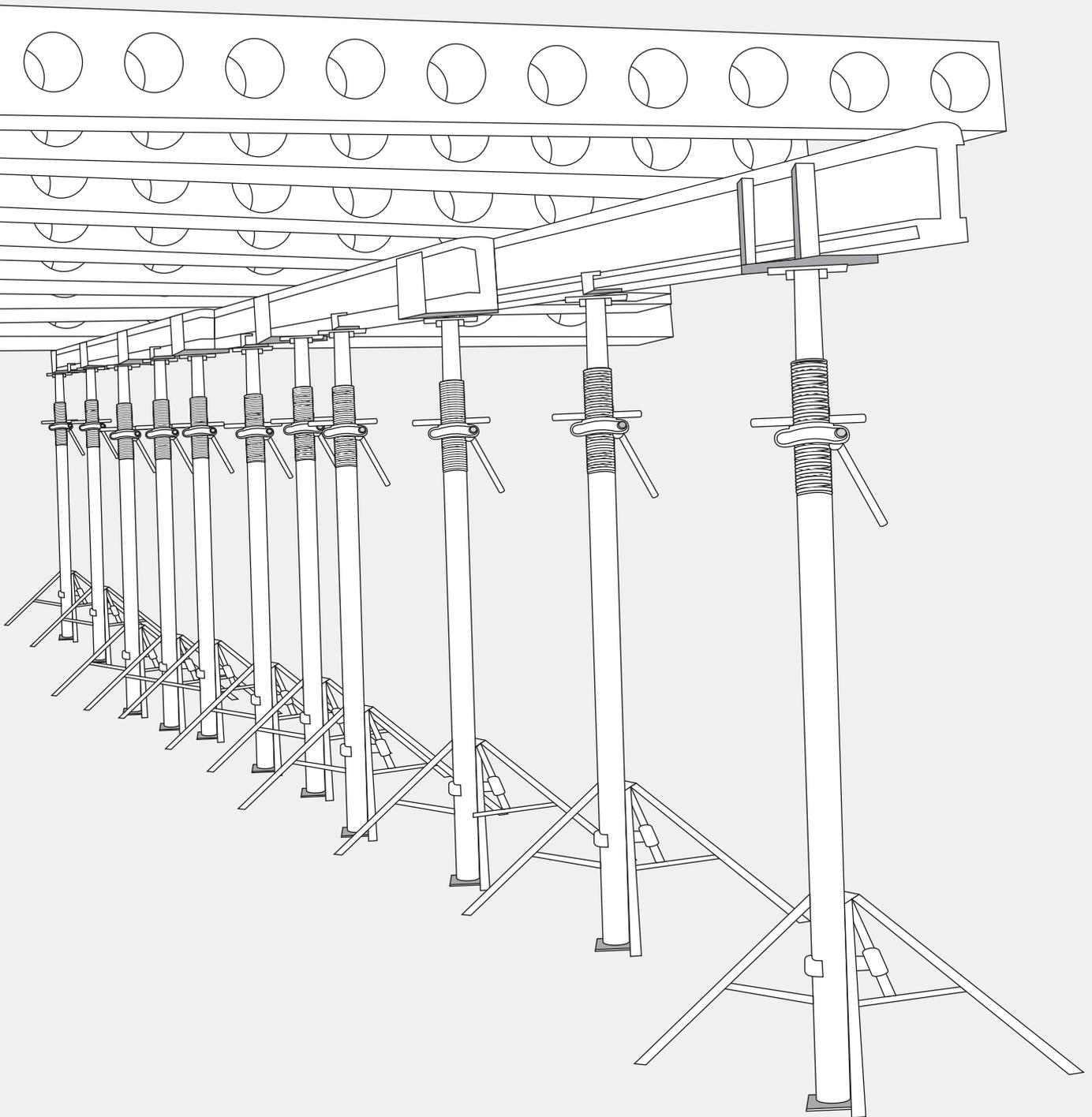
Code	For Tube OD (mm)	Weight (kg)
MS-1124	48.300	-

Code	For Tube OD (mm)	Weight (kg)
MS-1125	48.300	0.495

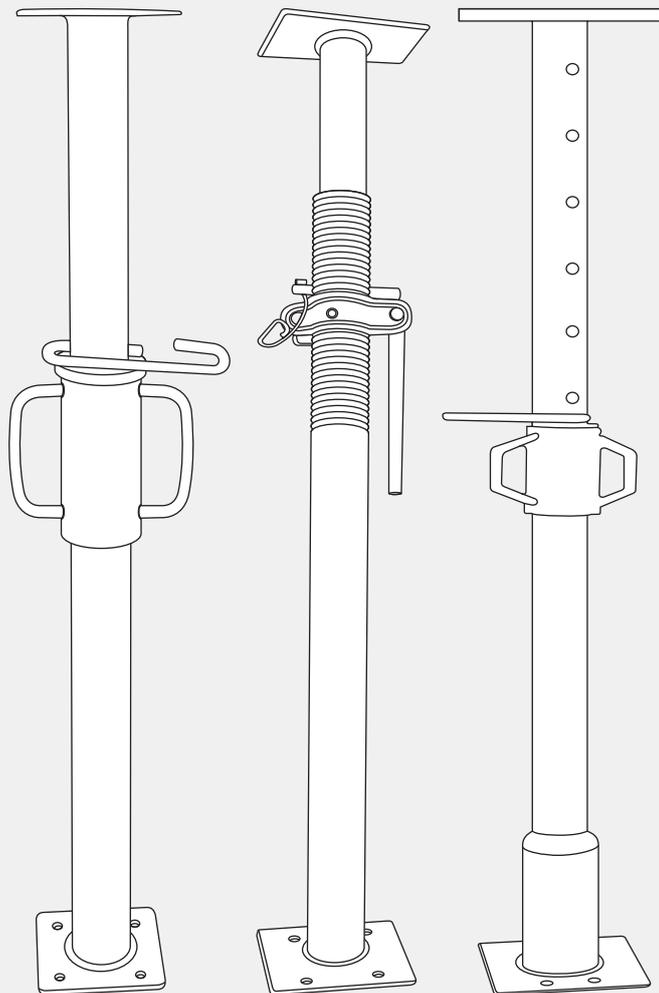
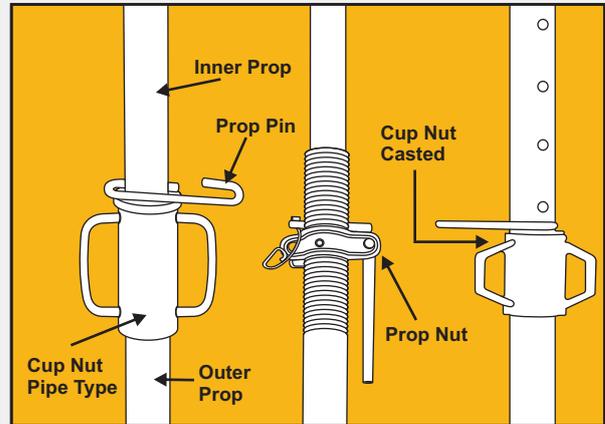


**MALMCO STEELS**

## **PROPS & COLUMN CLAMPS**



## PROPS & COLUMN CLAMPS



**LIGHT DUTY**

**HEAVY DUTY**

**HEAVY DUTY  
RE-INFORCED**

### HEAVY DUTY PROP

Tube OD : 60mm, Tube ID : 48.3mm, Sheet Thickness : 3.0mm

Code	Close Ht./Open Ht. (mtr.)	Weight (kg)
MS-1511-A	2.00/3.50	15.300
MS-1511-B	2.50/4.00	16.800
MS-1511-C	3.00/4.50	18.300

### LIGHT DUTY PROP

Tube OD : 60mm, Tube ID : 48.3mm, Sheet Thickness : 1.8/2.0mm

Code	Close Ht./Open Ht. (mtr.)	Weight (kg)	
		1.8	2.0
MS-1512-A	2.00/3.50	10.400	11.000
MS-1512-B	2.50/4.00	11.700	12.400
MS-1512-C	3.00/4.50	13.000	14.000



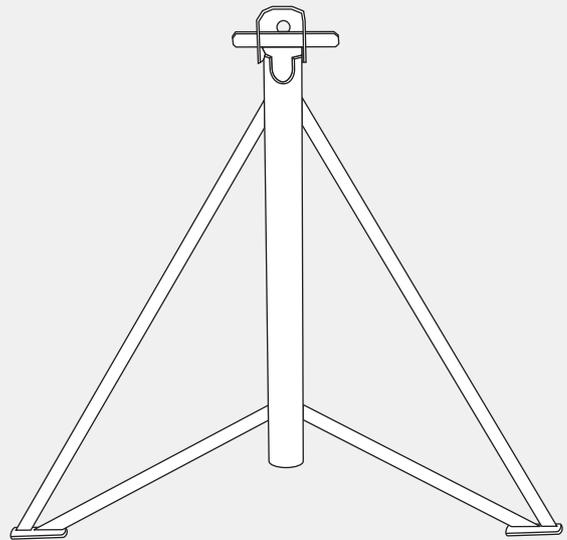
**MALMCO STEELS**

## PROPS & COLUMN CLAMPS

MS-1722

**TRIANGLE PIPE**

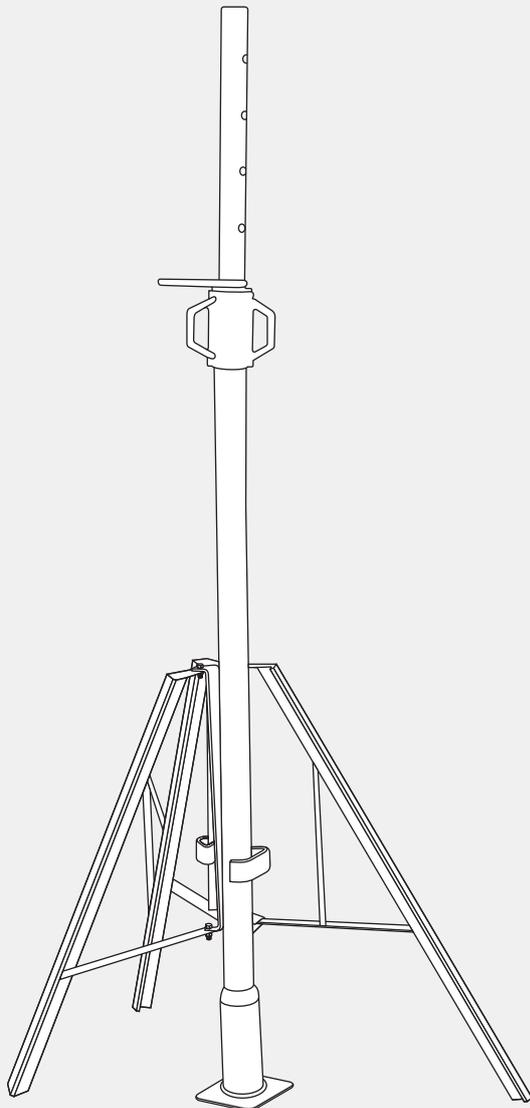
Weight : 6.300 kg.



SF-1727

**SQUARE PROP BASE (HEAVY)**

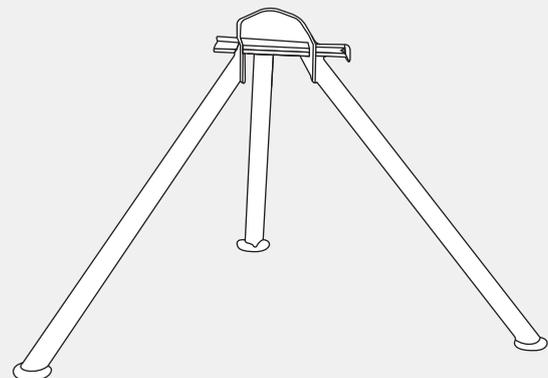
Weight :



SF-1726

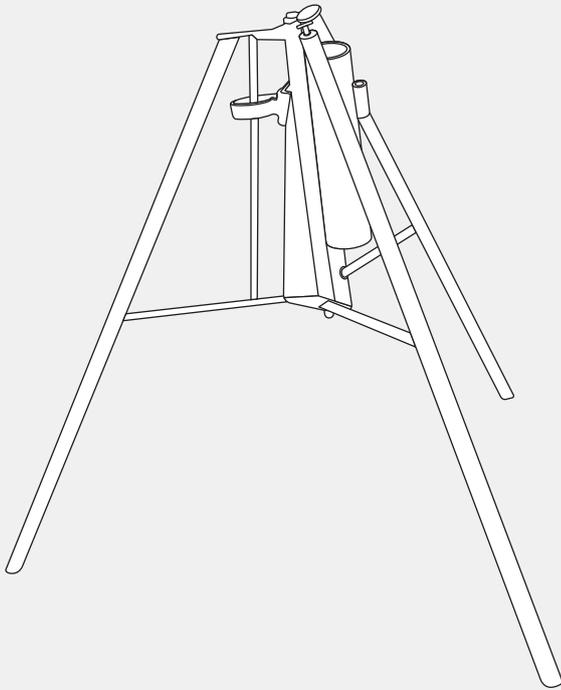
**PROP BASE (LIGHT)**

Weight :





# PROPS & COLUMN CLAMPS



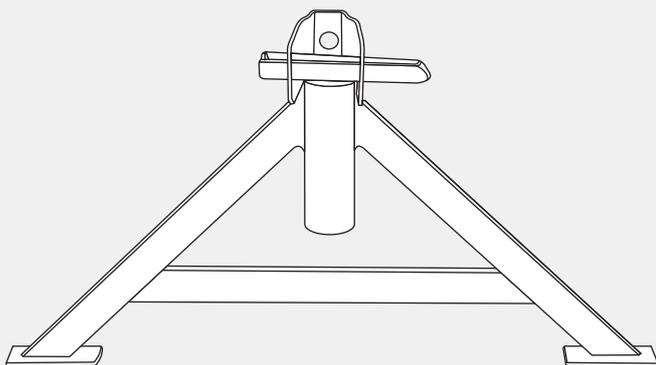
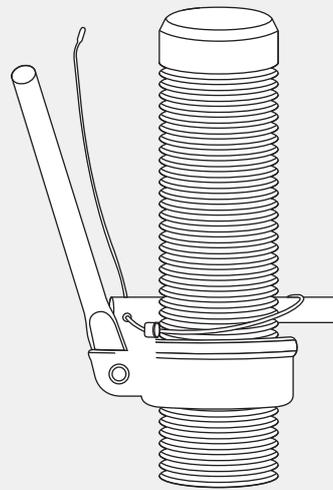
MS-1721

### PROP BASE

Weight : 9.900 kg.

### PROP SLEEVE

Tube OD : 60 mm



MS-1724

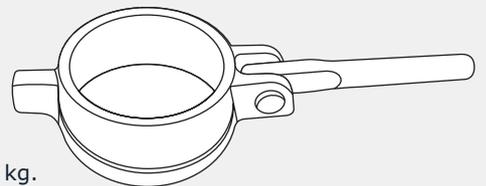
### TRIANGLE SHEET

Weight : 4.100 kg.

Code	S	T	L	Weight (kg)	
				With PIN & Wire	Without Pin & Wire
MS-1513-A	14.0	3.6	200	1.380	1.300
MS-1513-B	16.0	3.3	230	1.415	1.335
MS-1513-C	18.0	3.6	250	1.485	1.405

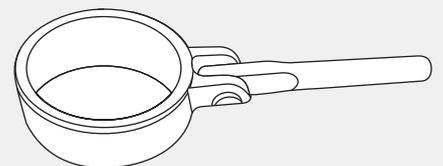
### MS-1513-10F PROP NUT (FORGED)

Weight : 0.490 kg.



### MS-1513-10C PROP NUT (CASTED)

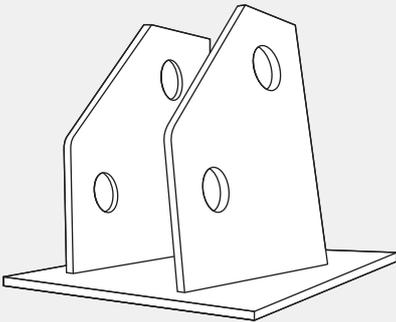
Weight : 0.425 kg.



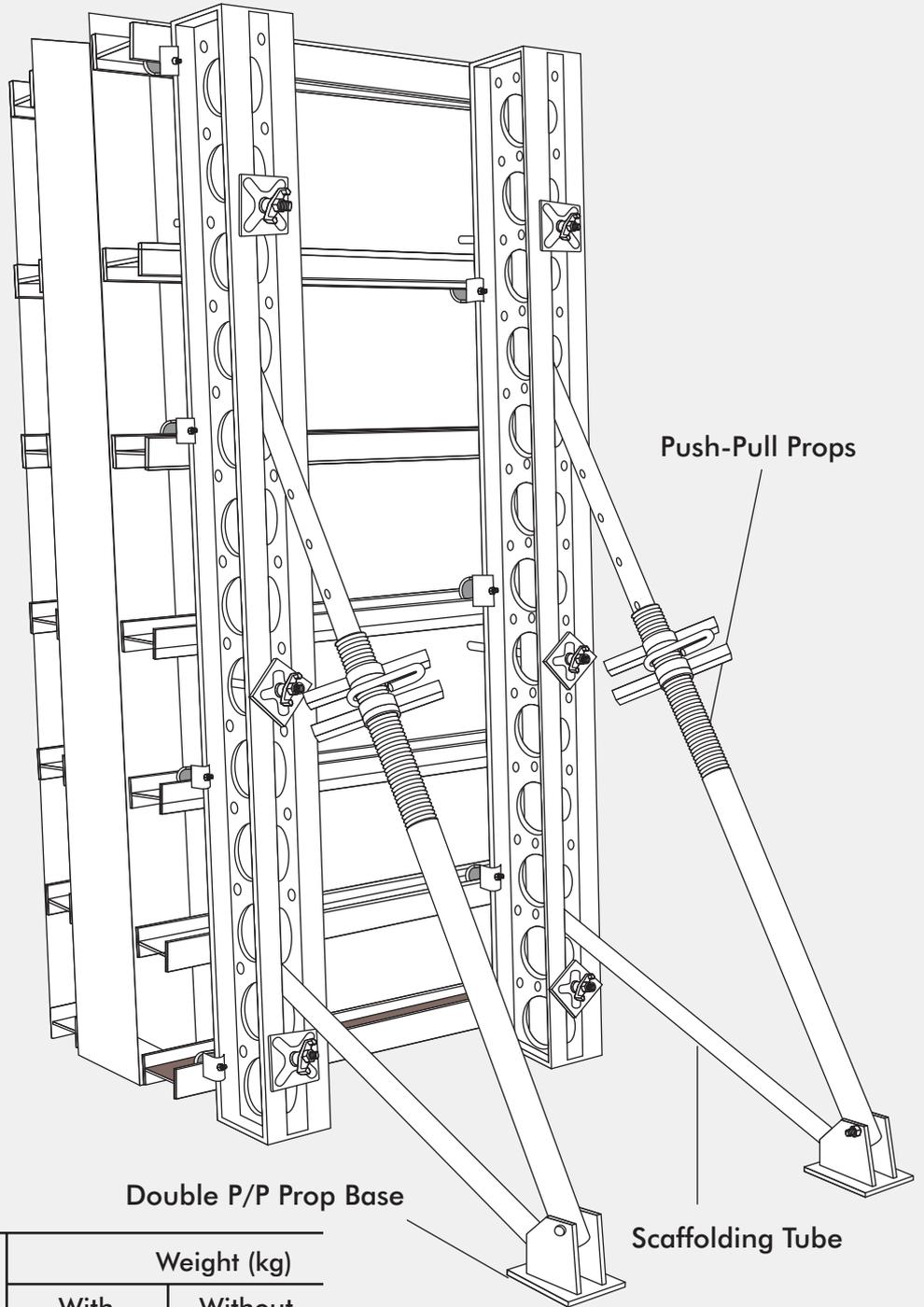
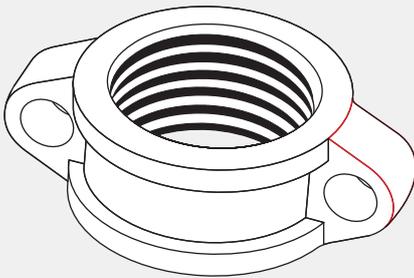


# PROPS & COLUMN CLAMPS

FS-  
Double P/P Prop Base



FS-  
PROP NUT

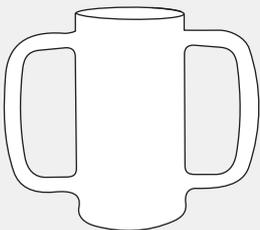


Code	S	T	L	Weight (kg)	
				With PIN & Wire	Without Pin & Wire
MS-1513-A	14.0	3.6	200	1.380	1.300
MS-1513-B	16.0	3.3	230	1.415	1.335
MS-1513-C	18.0	3.6	250	1.485	1.405

MS-1728  
**CUP NUT PIPE TYPE**  
 Weight :

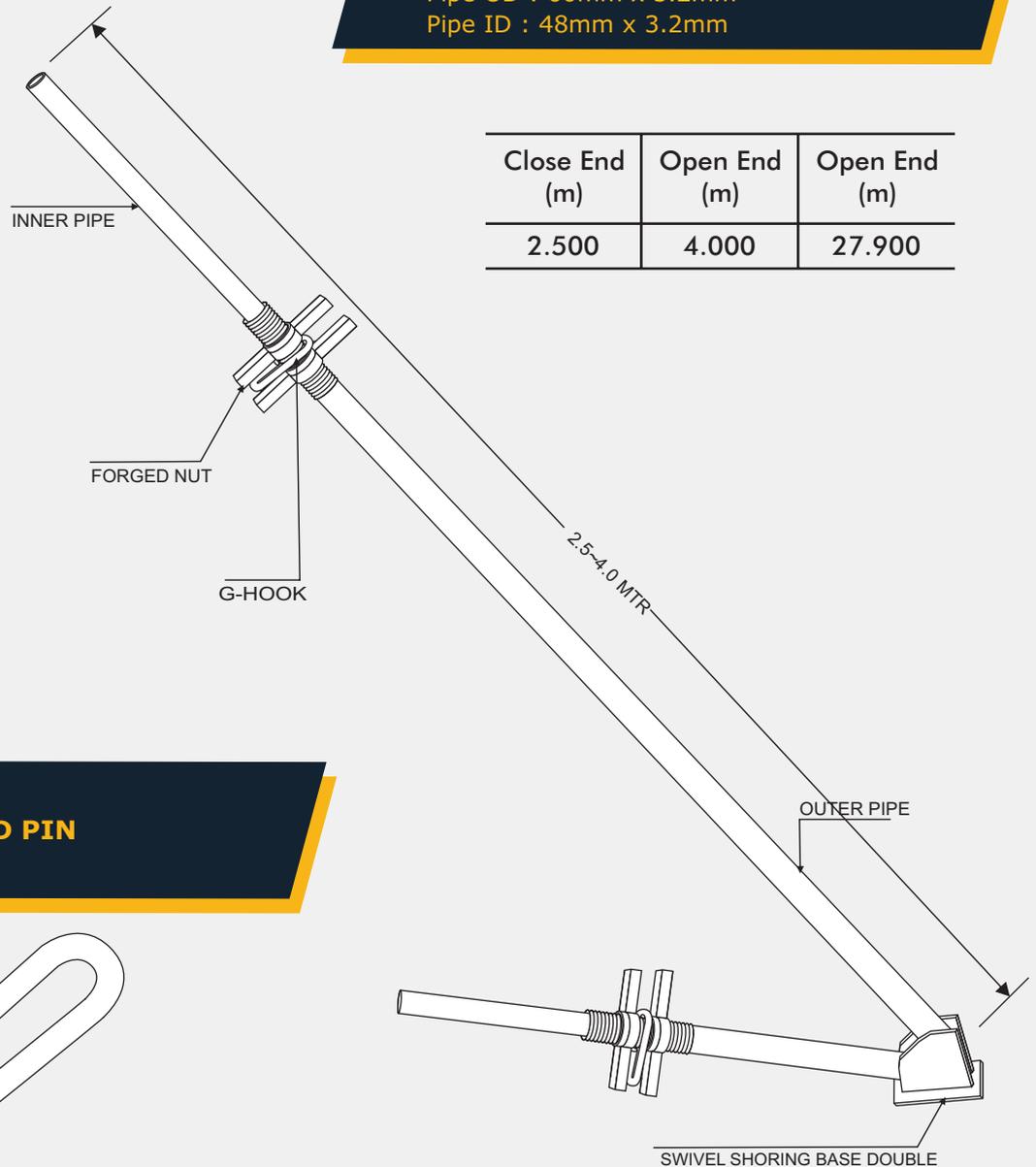


MS-1728  
**CUP NUT CASTED**  
 Weight :

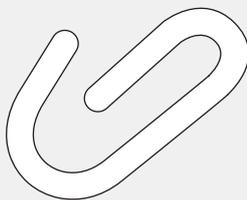


SF-1814  
**PROP PUSH PULL - POST SHORE**  
 Pipe OD : 60mm x 3.2mm  
 Pipe ID : 48mm x 3.2mm

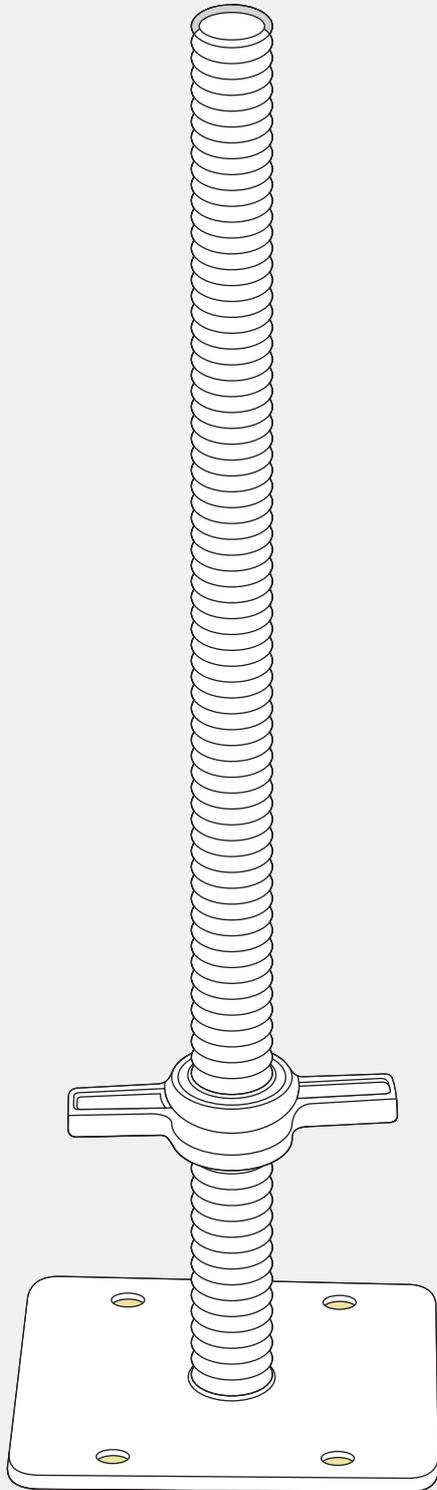
Close End (m)	Open End (m)	Open End (m)
2.500	4.000	27.900



**FORGED PIN**



Code	Rod Dia (mm)	Weight (kg)
MS-1814-05	12	0.320
MS-1815-05	14	0.440



**ADJUSTABLE BASE JACK**

Code	Tube OD (mm)	TL/AL (m)	Weight (kg)
MS-1610-45	38 x 4	0.450/0.300	3.045
MS-1610-55	38 x 4	0.550/0.400	3.380
MS-1610-65	38 x 4	0.650/0.500	3.715
MS-1610-75	38 x 4	0.750/0.600	4.050

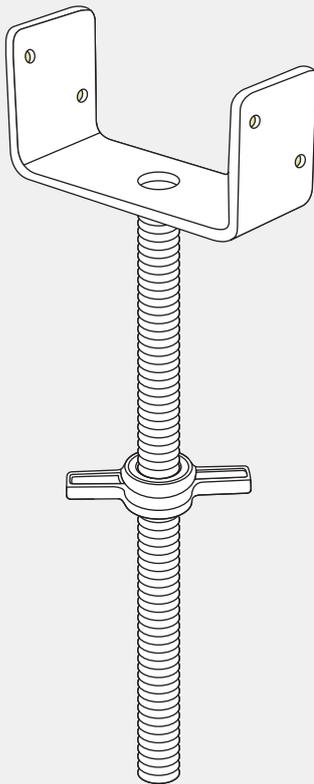
**ADJUSTABLE BASE JACK**

Code	Tube OD (mm)	TL/AL (m)	Weight (kg)
MS-1611-45	34 x 4	0.450/0.300	2.855
MS-1611-55	34 x 4	0.550/0.400	3.150
MS-1611-65	34 x 4	0.650/0.500	3.445
MS-1611-75	34 x 4	0.750/0.600	3.740

**ADJUSTABLE BASE JACK**

Code	Tube OD (mm)	TL/AL (m)	Weight (kg)
MS-1612-45	32 x 4	0.450/0.300	2.815
MS-1612-55	32 x 4	0.550/0.400	3.090
MS-1612-65	32 x 4	0.650/0.500	3.365
MS-1612-75	32 x 4	0.750/0.600	3.640

**ADJUSTABLE U-HEAD JACK**



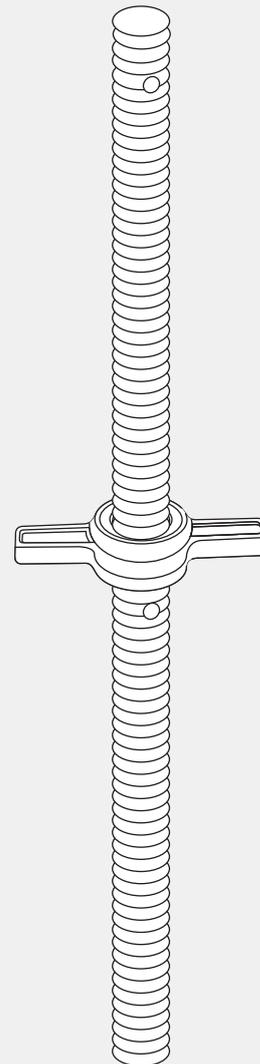
**U-JACK DIMENSIONS**

Type	Size (mm) (WxHxDxT)
A	174x94x150x6
B	215x120x100x10

**ADJUSTABLE U-HEAD JACK**

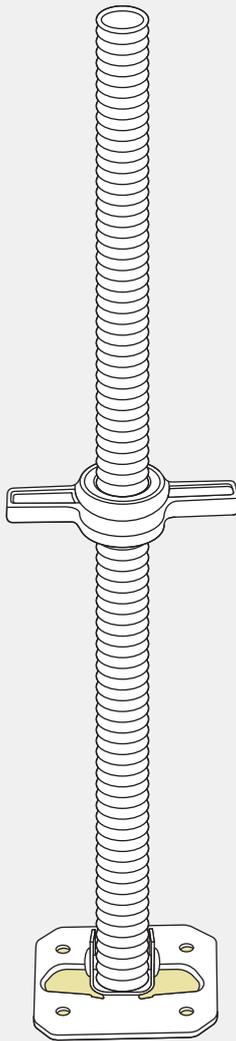
Code	Tube OD (mm)	TL/AL (mtr.)	Weight (kg)	
			Type A	Type B
MS-1615-45	38 x 4	0.450/0.300	4.495	5.380
MS-1615-55	38 x 4	0.550/0.400	4.830	5.715
MS-1615-65	38 x 4	0.650/0.500	5.165	6.050
MS-1610-75	38 x 4	0.750/0.600	5.500	6.385

**UNIVERSAL JACK**



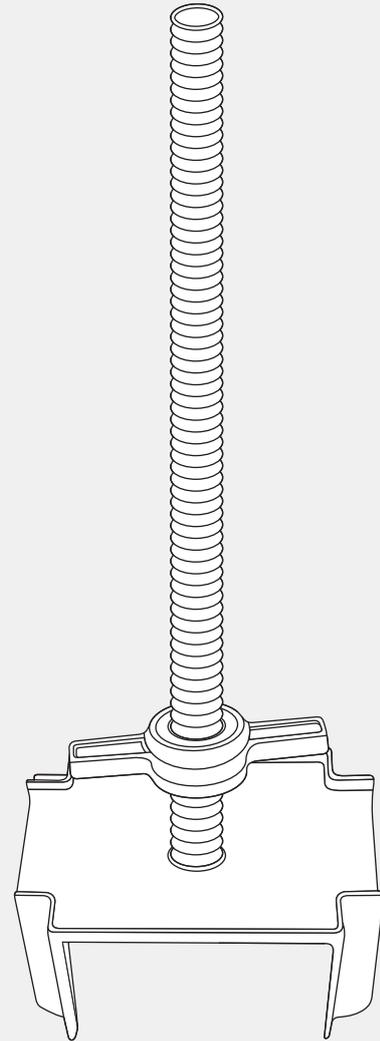
Code	Tube OD (mm)	TL/AL (mtr.)	Weight (kg)
MS-1616-45	38 x 4	0.450/0.300	1.995
MS-1616-55	38 x 4	0.550/0.400	2.330
MS-1616-65	38 x 4	0.650/0.500	2.665
MS-1616-75	38 x 4	0.750/0.600	3.000

**SWIVEL BASE JACK**



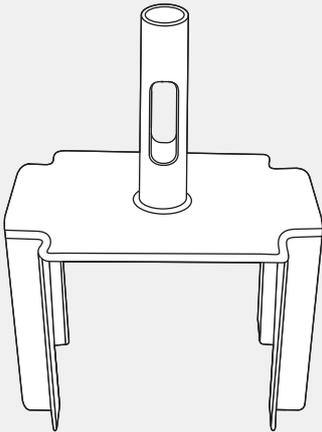
Code	Tube OD (mm)	TL/AL (mtr.)	Weight (kg)
MS-1617-45	38 x 4	0.450/0.300	2.980
MS-1617-55	38 x 4	0.550/0.400	3.315
MS-1617-65	38 x 4	0.650/0.500	3.650
MS-1617-75	38 x 4	0.750/0.600	3.985

**FORK HEAD JACK**



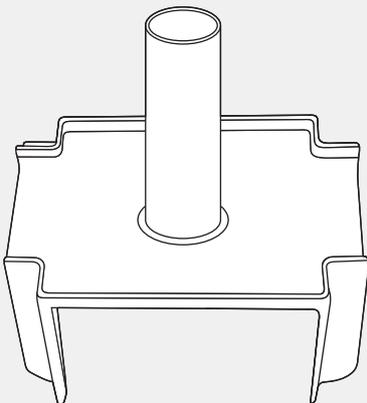
Code	Tube OD (mm)	TL/AL (mtr.)	Weight (kg)	
			Heavy	Light
MS-1618-45	38 x 4	0.450/0.300	4.510	4.660
MS-1618-55	38 x 4	0.550/0.400	4.845	4.995
MS-1618-65	38 x 4	0.650/0.500	5.180	5.330
MS-1618-75	38 x 4	0.750/0.600	5.515	5.665

**SLOTTED FORK HEAD**



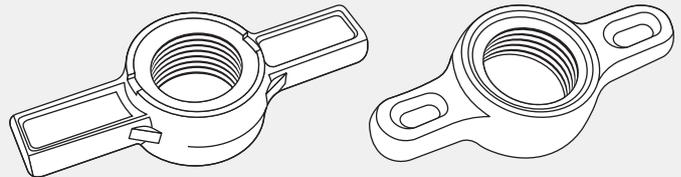
Code	Tube OD (mm)	Sheet Thickness (mm)	Weight (kg)
MS-1620-S	34 x 150	6	2.950

**FORK HEAD - HEAVY**



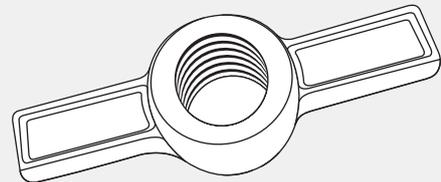
Code	Tube OD (mm)	Sheet Thickness (mm)	Weight (kg)
MS-1620-HD	38 x 100	6 (BENDED)	2.600

**JACK NUT**



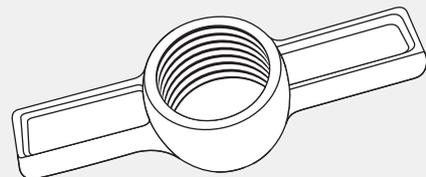
Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-38/48	48.000	M38	0.620
MS-1619-38/48 RE		M38	0.537

**JACK NUT**



Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-32	-	M32	0.530

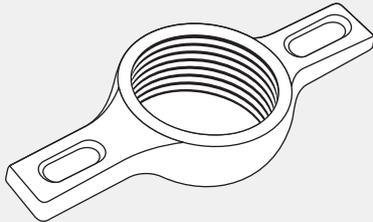
**JACK NUT**



Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-38WC	-	M38	0.470

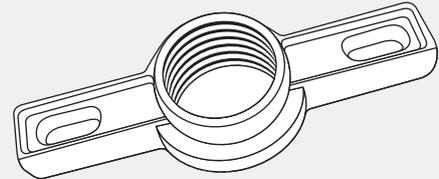
## JACKS & BASE PLATES

### JACK NUT



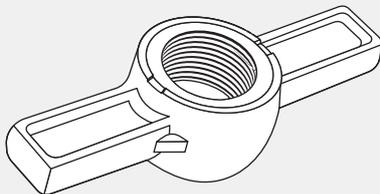
Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-60	-	M60	0.700

### JACK NUT



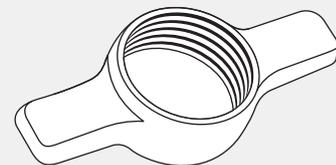
Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-48	-	M48	1.200

### JACK NUT



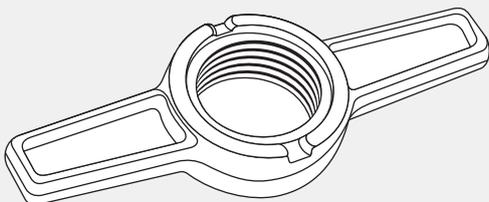
Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-34/42	42.000	M34	0.540

### JACK NUT



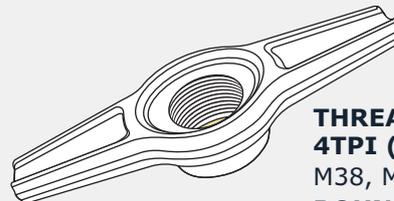
Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-76	-	M76	1.350

### JACK NUT



Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-48/60	60	M48	1.070

### JACK NUT

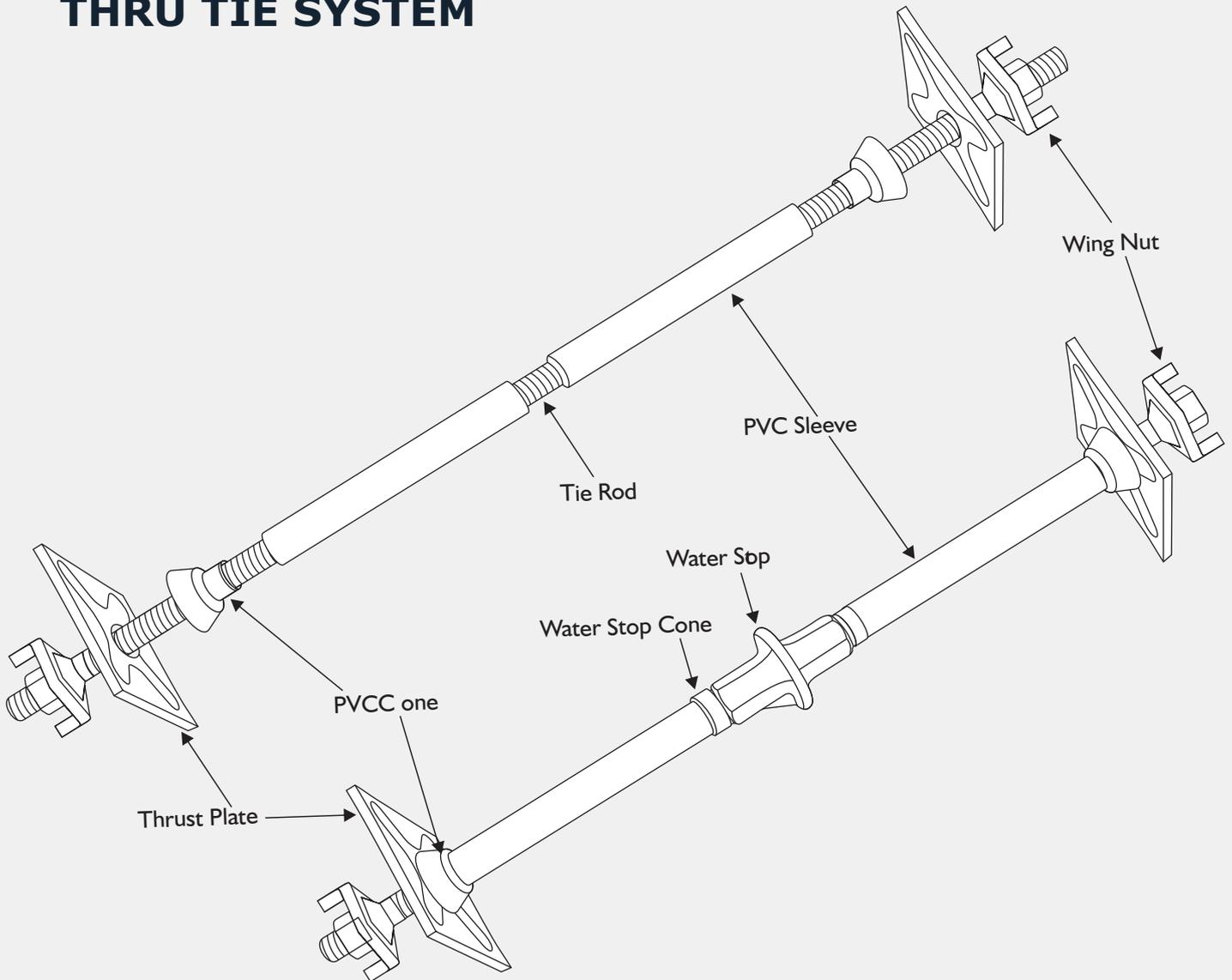


**THREAD SPECIFICATIONS :**  
**4TPI (ACME) :** M32, M34, M38, M48, M60, M76  
**ROUND 8MM PITCH :** M38

Code	Tube Rest (mm)	Thread	Weight (kg)
MS-1619-38/48	48	M36	0.840
	60	M48	



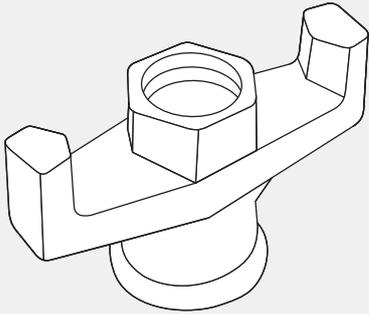
**THRU TIE SYSTEM**



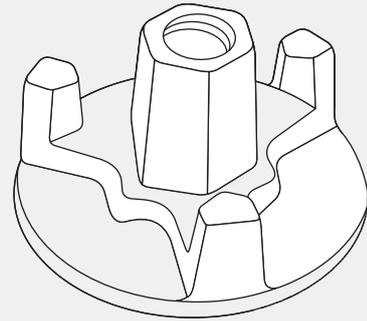


## FORMWORK

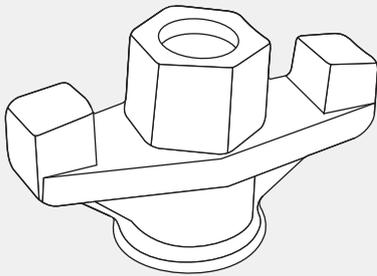
MS-1410-02C1  
**WING NUT 2 LUG - CASTED**  
Weight : 0.260 kg.



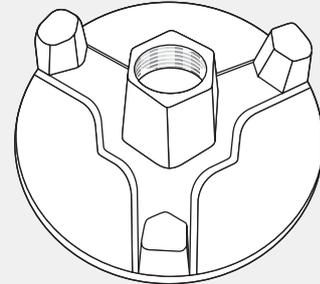
MS-1411-03F  
**ANCHOR NUT 3 LUG - FORGED**  
Weight : 0.680 kg.



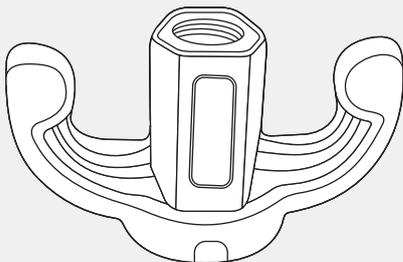
MS-1410-2C2  
**WING NUT 2 LUG - CASTED**  
Weight : 0.350 kg.



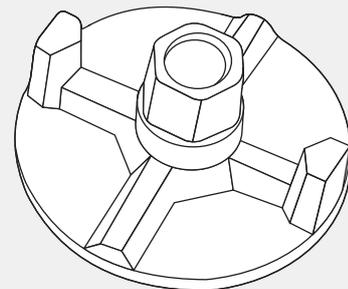
MS-1411-03C  
**ANCHOR NUT 3 LUG - CASTED**  
Weight : 0.630 kg.



MS-1410-2CF  
**WING NUT 2 LUG - FORGED**  
Weight : 0.350 kg.



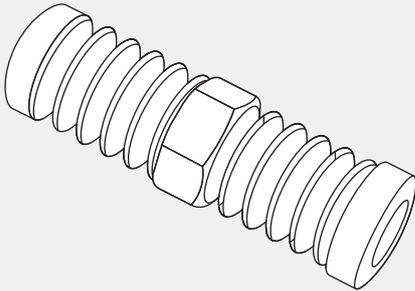
MS-1411-02C  
**ANCHOR NUT 2 LUG - CASTED**  
Weight : 0.520 kg.



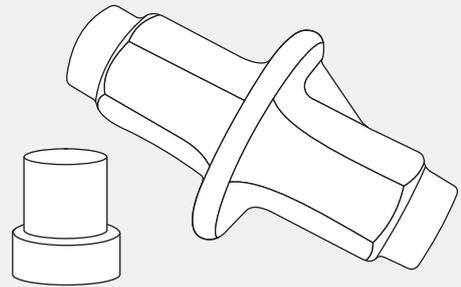


## FORMWORK

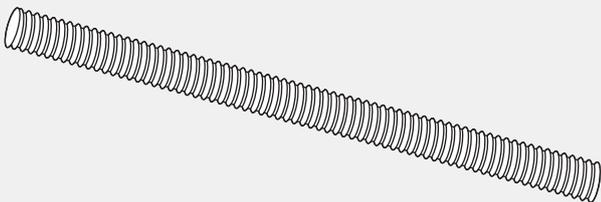
MS-1410-10  
**WATER BARRIER**  
Weight : 0.540 kg.



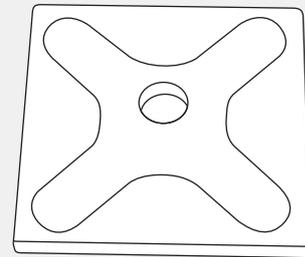
MS-1412-11  
**BARRIER WITH DISK**  
Weight : 0.522 kg.



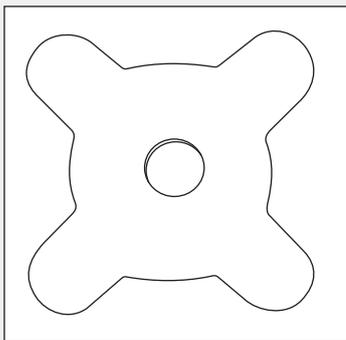
MS-1416  
**TIE BAR - 15/17mm**  
Weight : 1.5 kg. per meter



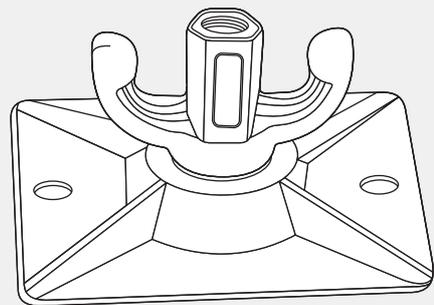
MS-1418-10  
**WALLER PLATE**  
Sheet Thickness : 10mm  
Weight : 1.070 kg.



MS-1418-5  
**WALLER PLATE**  
Sheet Thickness : 5mm  
Weight : 0.550 kg.



MS-1418-WN  
**WALLER PLATE - WITH WING NUT**  
Weight : 1.4 kg.

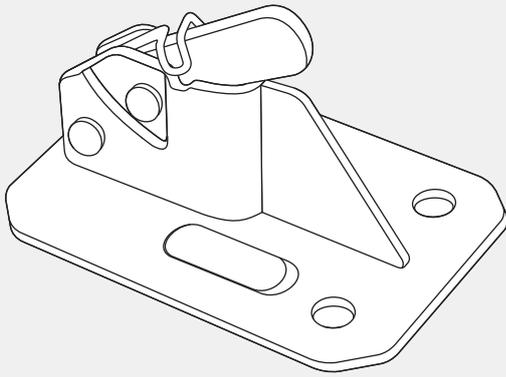




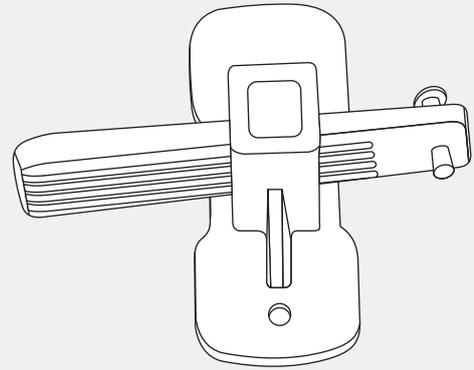
**MALMO STEELS**

## FORMWORK

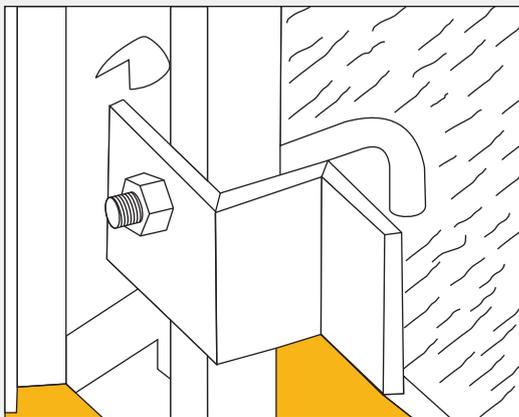
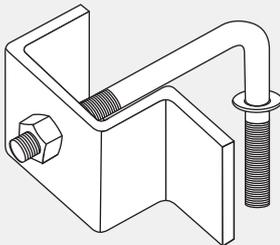
MS-1419  
**RAPID CLAMP - SHEET METAL**  
Weight : 0.470 kg.



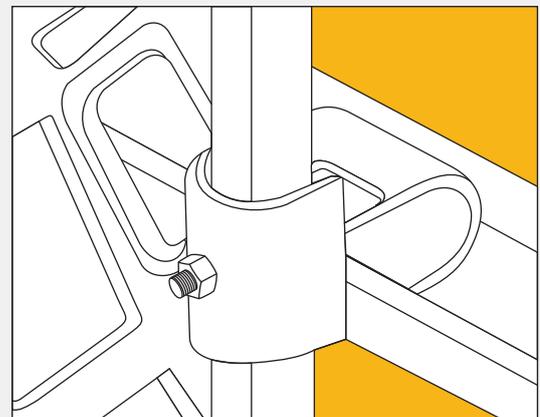
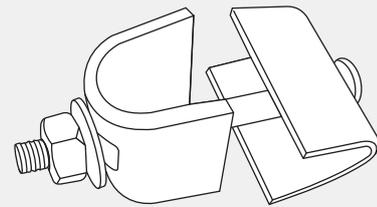
MS-3328  
**WEDGE CLAMP**  
Weight : 0.370 kg.



MS-3519  
**TIMBER WALLING CLAMP**  
Weight : 0.500 kg.



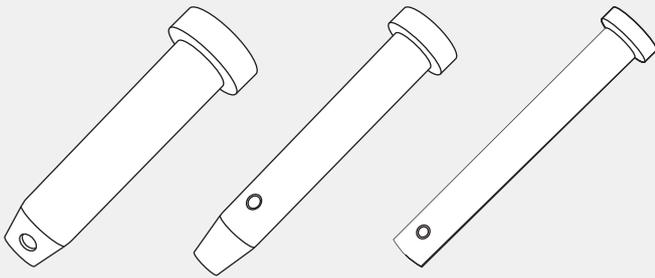
MS-3505  
**UNIVERSAL CLAMP**  
Weight : 0.420 kg.





**PINS**

**MS-1414  
TENSION PIN**  
Pin Dia : 19mm  
Weight : 0.320 kg.

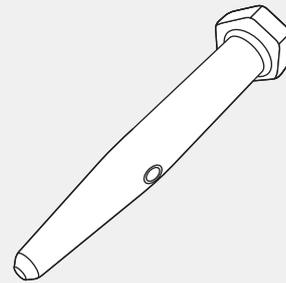


MS-1413-25

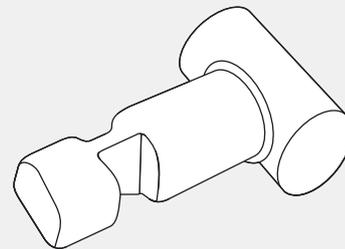
MS-1413-17

MS-1413-16

Code	Pin Dia (mm)	Weight (kg)
MS-1413-25	25	0.500
MS-1413-17	17	0.220
MS-1413-16	16	0.140

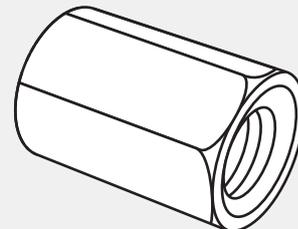
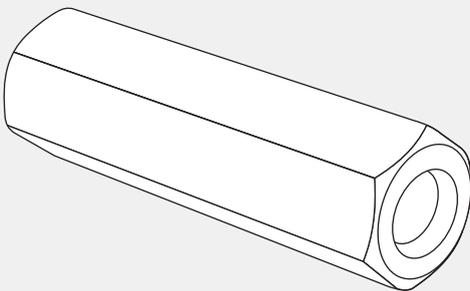


**MS-1415  
TEE PIN**  
Weight : 0.120 kg.



**TIE BAR CONNECTOR**

**HEXAGONAL NUT**



Code	A/F	Pin Dia (mm)	Weight (kg)
MS-1422	30	100	0.400

Code	A/F	Pin Dia (mm)	Weight (kg)
MS-1421	30	50	0.220

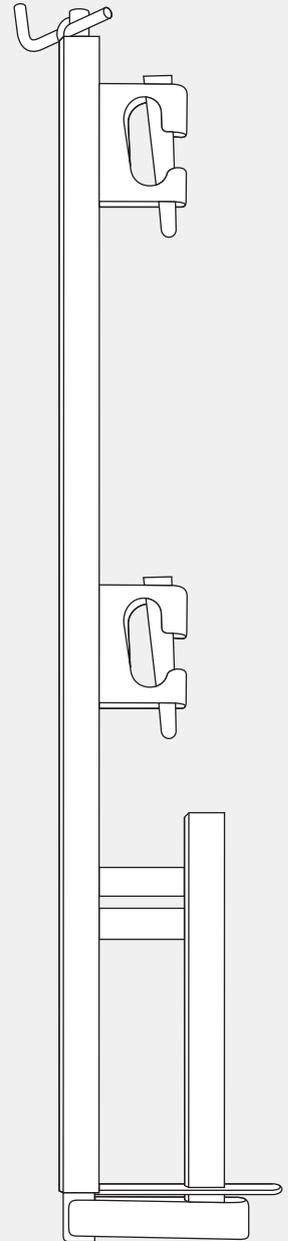
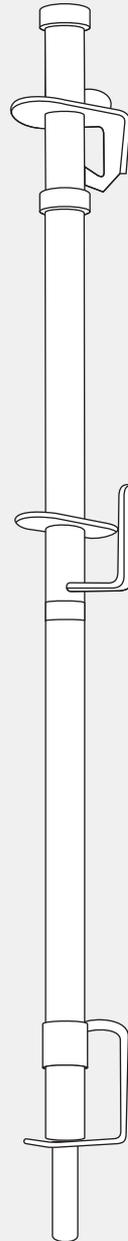
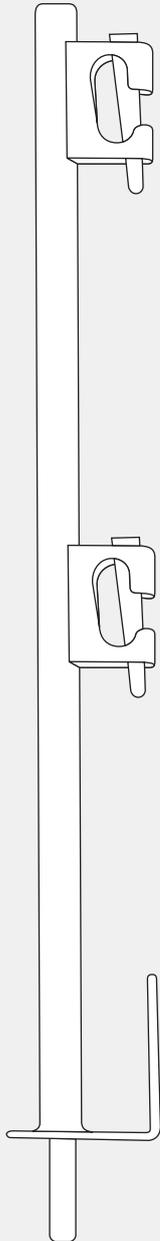
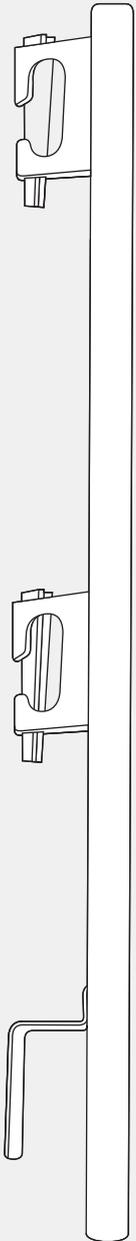


MS-1728  
**POST HOOK  
WITH BLOCK**  
Size : 40mm

MS-1729  
**POST HOOK  
WITH BLOCK**  
Size : 40mm

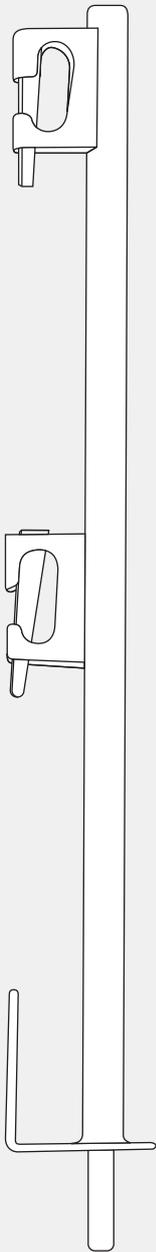
MS-1730  
**GUARD RAIL**  
Size :

MS-1731  
**GUARD RAIL  
WITH BLOCK**  
Size :

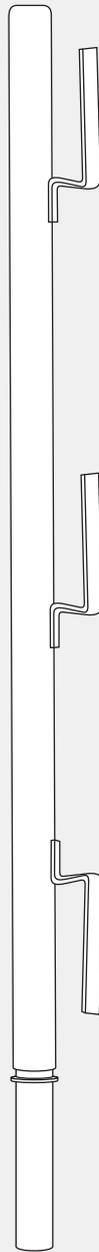




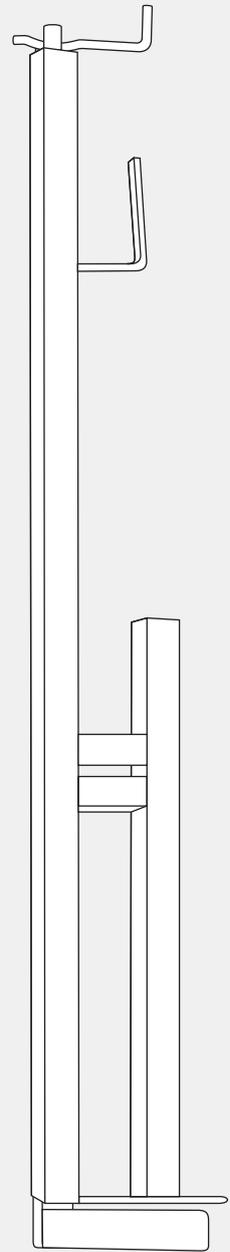
MS-1732  
**POST HOOK  
WITH BLOCK (PATINATED)**  
Size :



MS-1733  
**POST HOOK  
FOR PLANK (PAINTED)**  
Size :



MS-1734  
**GUARD RAIL  
FOR PLANK (PAINTED)**  
Size :

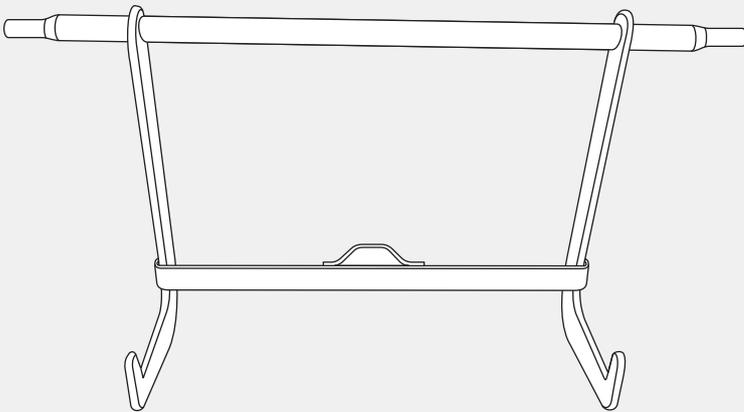




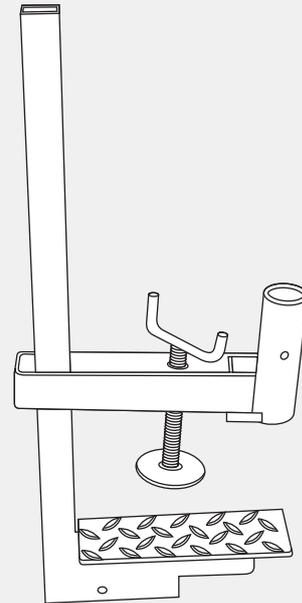
**MALMCO STEELS**

## FABRICATION

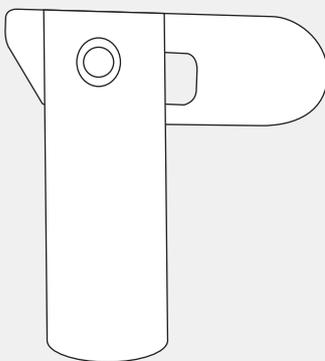
MS-1718  
**HANGER**  
Weight : 1.200 kg.



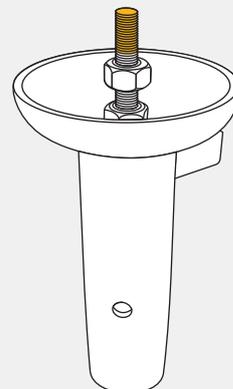
MS-1723  
**VICE**  
Weight : 6.550 kg.

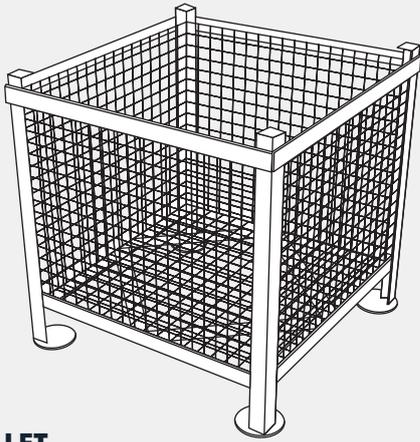


MS-1725  
**BRACE LOCK**  
Weight : 0.050 kg.



MS-1720  
**BELL TORCH**  
Weight : 0.900 kg.





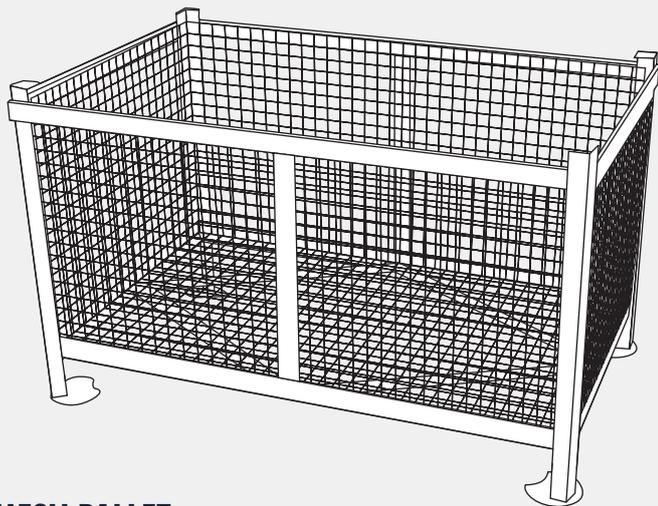
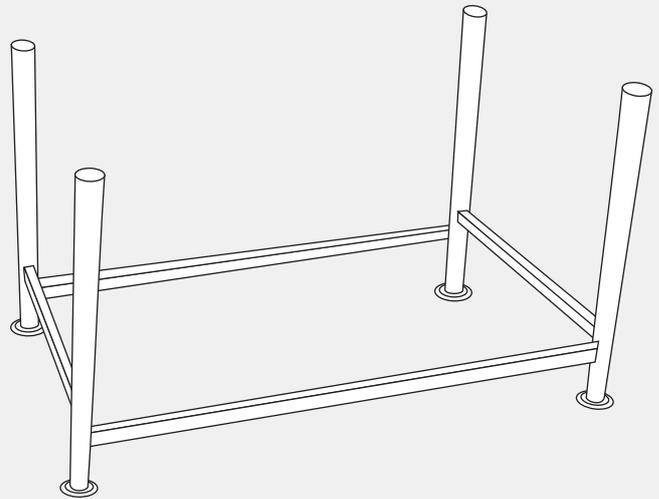
**MESH PALLET**

Code	Size (inch)	Capacity (kg)
MS-1715-500	27 x 27 x 27	500

MS-2627

**POST PALLET**

Size : 1200 x 880 x 1150mm



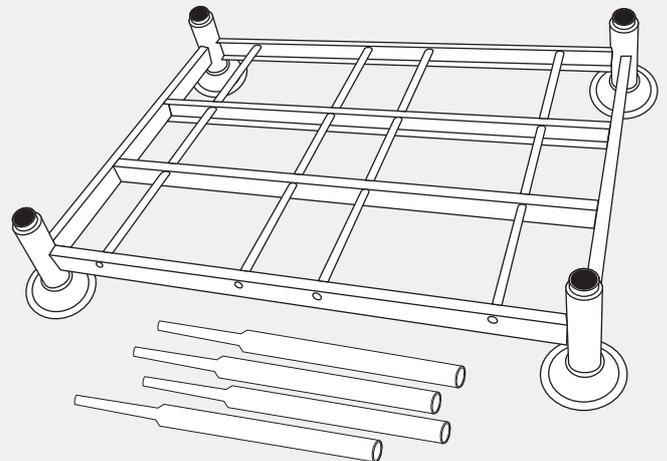
**MESH PALLET**

Code	Size (inch)	Capacity (kg)
MS-1715-1000	44 x 27 x 27	1000

MS-2628

**POST PALLET WITH SUPPORT PIPES**

Size : 1280 x 900 x 700mm





**MALMCO STEELS**

## FABRICATION

MS-2629

### TRESTLE

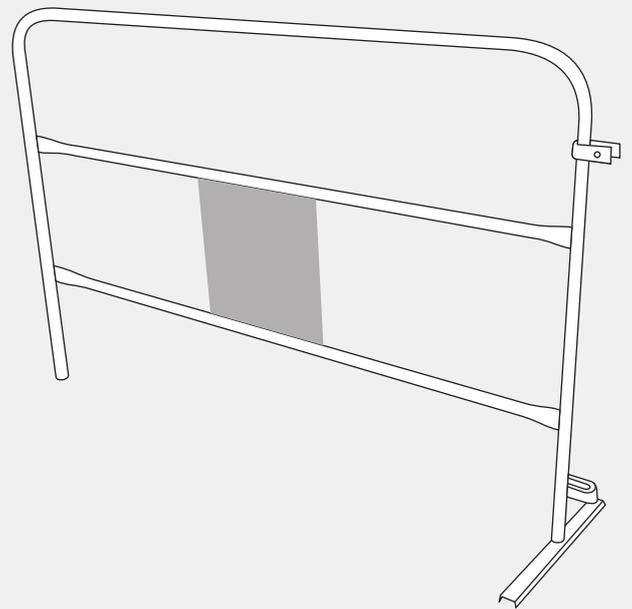
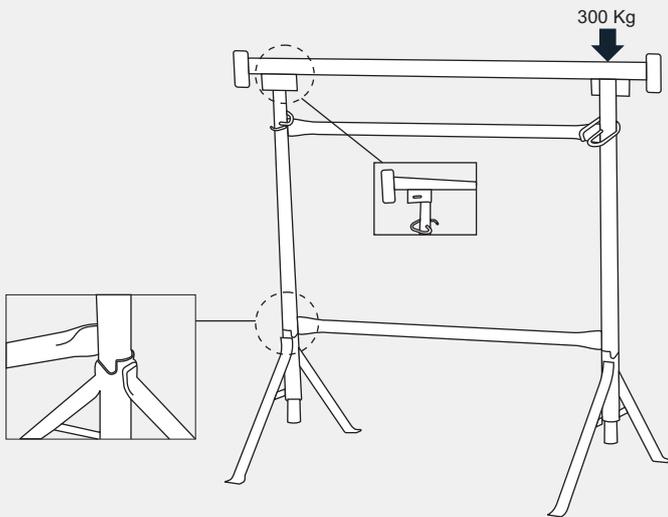
Weight : 1.200 kg.

MS-2630

### ROAD BARRIER

Pipe Dia : 28mm

Weight : 6.550 kg.

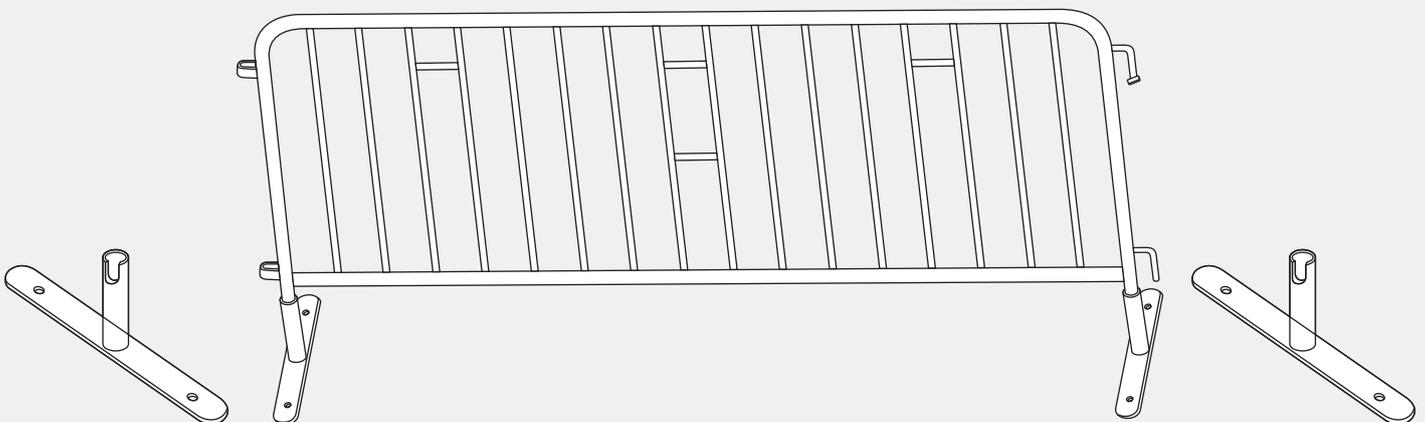


MS-

### MZN BARRIER

Size : 2000mm

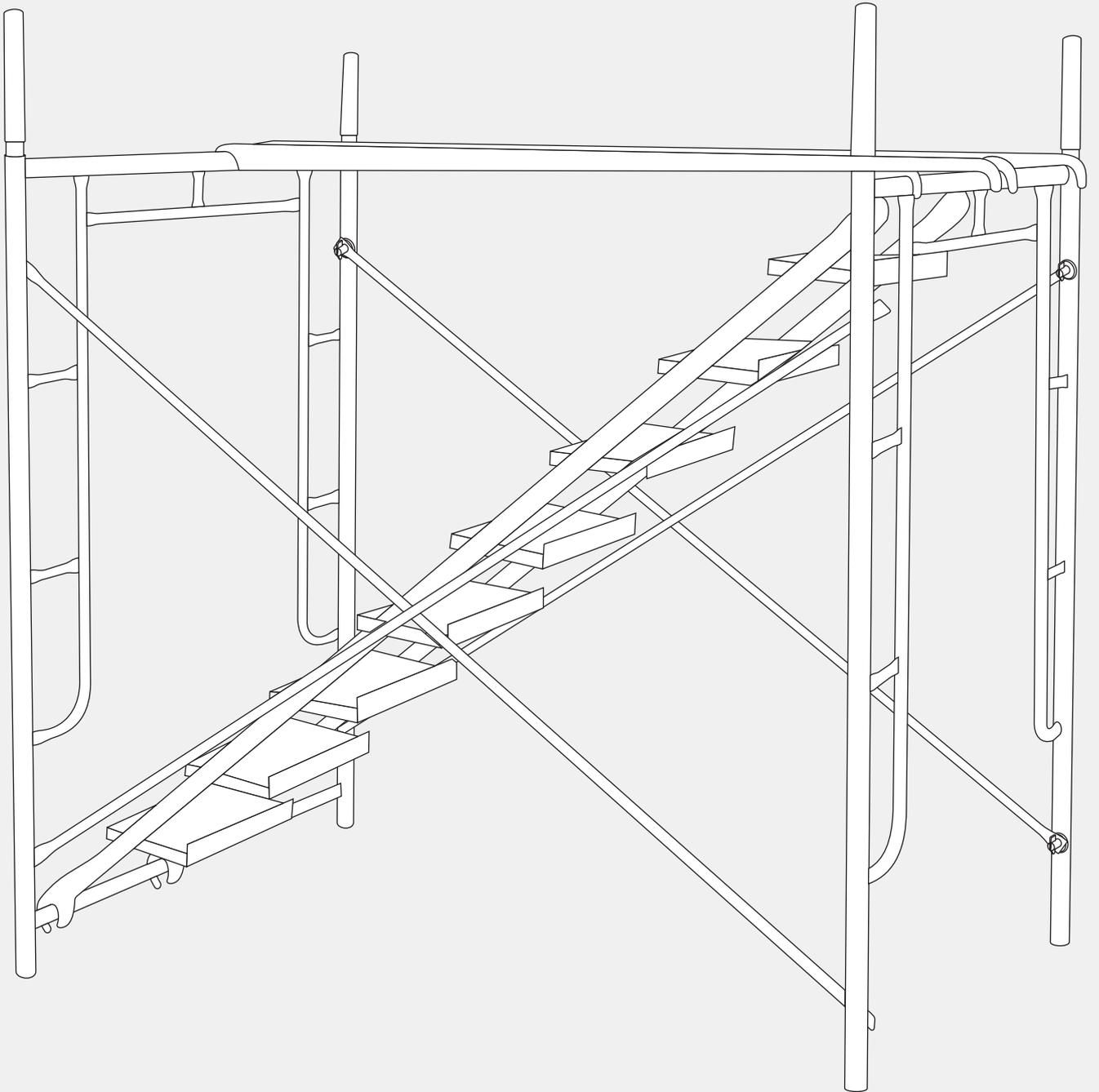
Weight : 19.650 kg.





**MALMO STEELS**

## FRAME SYSTEM

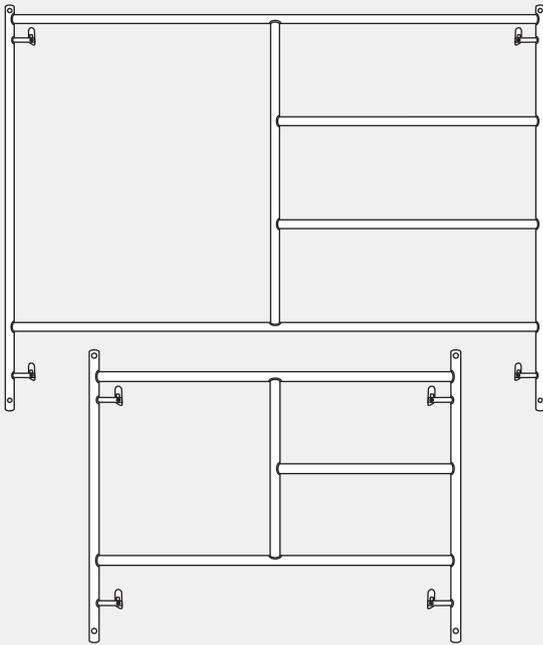




## FRAME SYSTEM

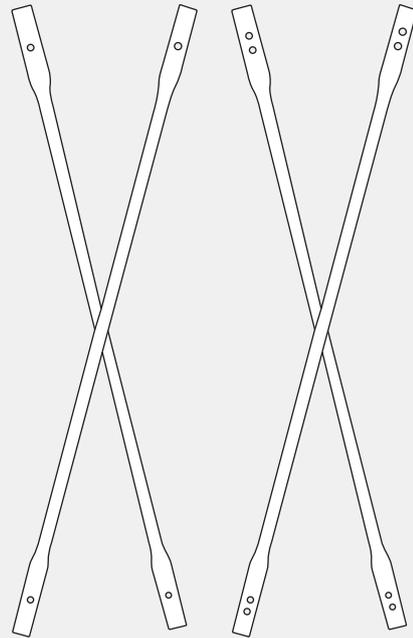
### MS- MASON FRAMES

Sizes (mm) : 1000x1200, 1219x1219, 1524x914,  
1524x1220, 1219x1700, 1524x914, 1524x1930

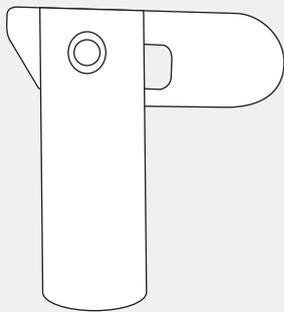


### MS- CROSS BRACES

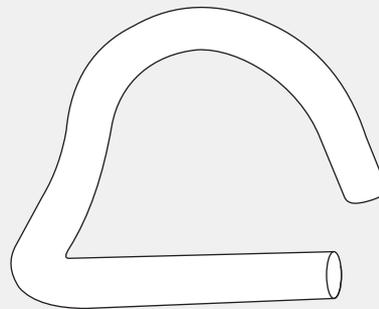
Sizes (mm) :  
1219x610, 1219x914, 1219x1219, 1524x610,  
1829x610, 1829x914, 1829x1219, 2133x1219,  
2438x1219, 3048x914, 3048x1219



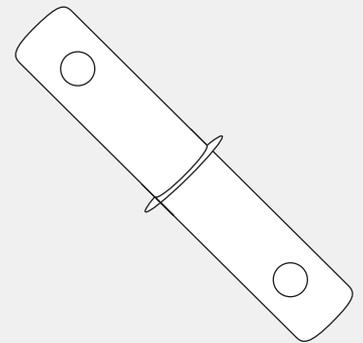
### MS- FLIP BRACE LOCK



### MS- GRAVITY LOCK



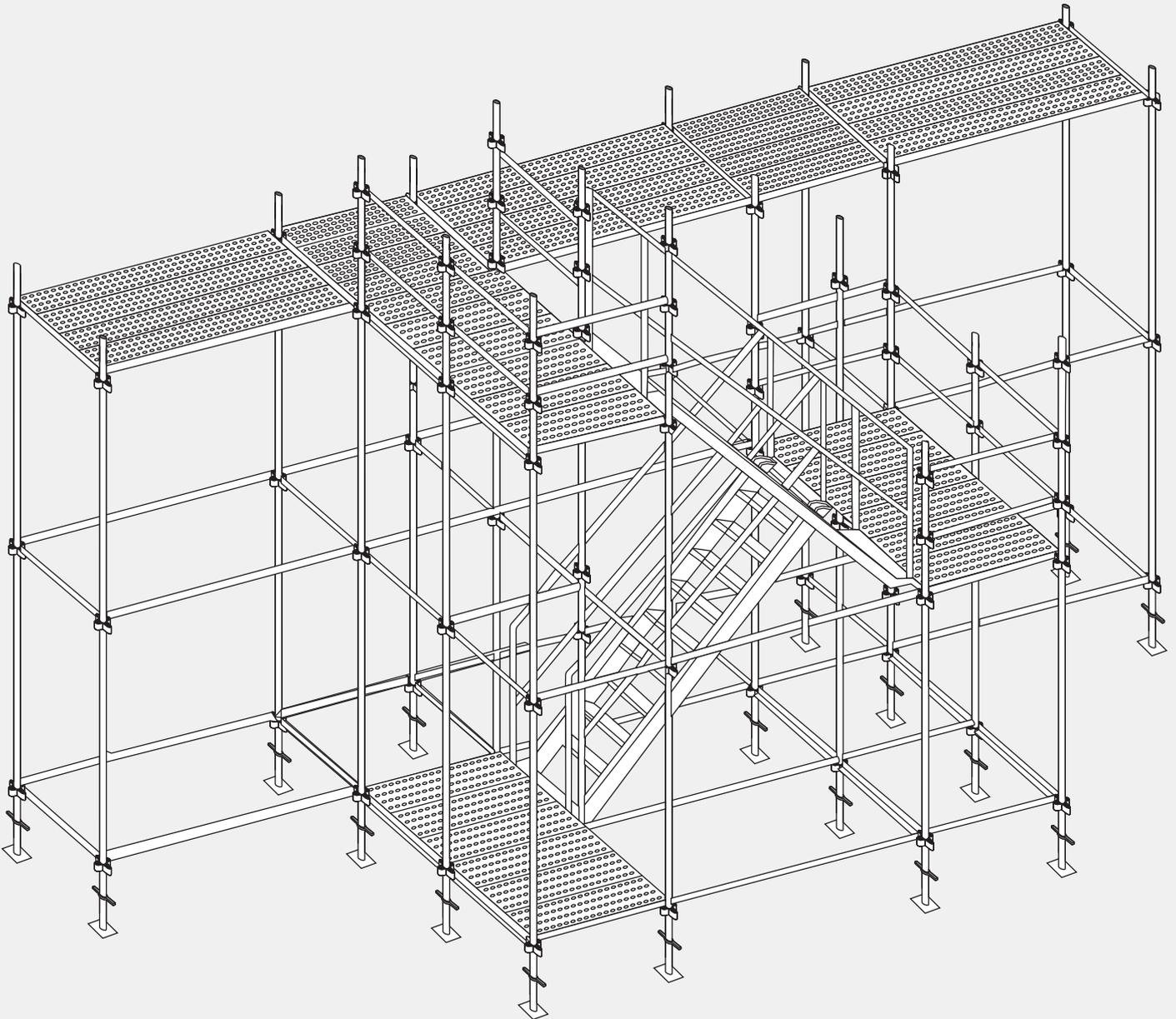
### MS- JOINT / COUPLING PIN





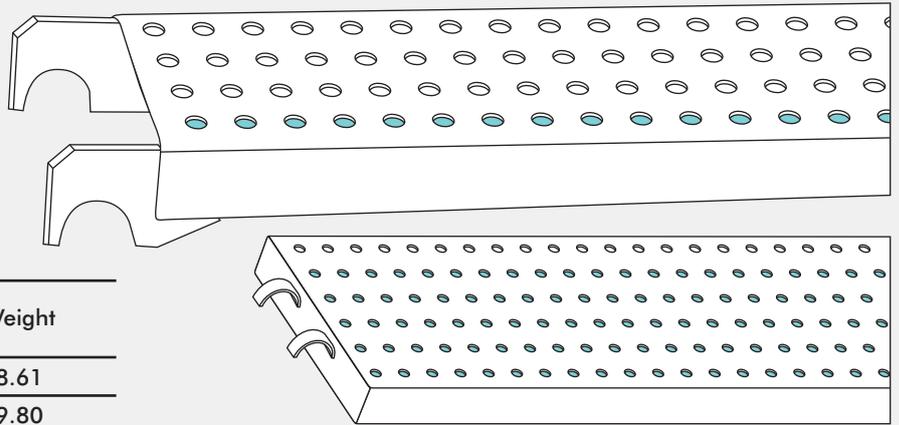
**MALMO STEELS**

## WALKBOARDS





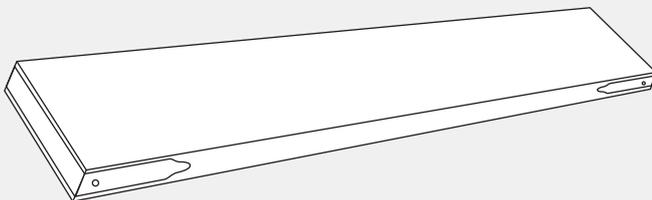
### MS-STEEL WALKBOARD (HOOK TYPE)



Width (m)	Length (kg)	Weight
0.228	1.29	8.61
0.228	1.50	9.80
0.228	2.00	12.69
0.228	2.50	15.57

### MS-TIMBER BATTEN

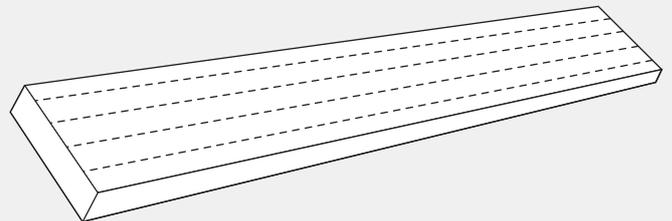
All timber battens are made of 60mm thickness and 225mm width. Weights are approximate, at 20% moisture content.



Length (mm)	Weight (kg)
2450 x 225 x 60	18.0
1750 x 225 x 60	13.0
1250 x 225 x 60	9.5

### MS-STEEL BATTEN

Cup System galvanised steel battens are of 57mm thickness and 238mm width. They incorporate a non skid dimple surface for hazard resistance in bad weather.

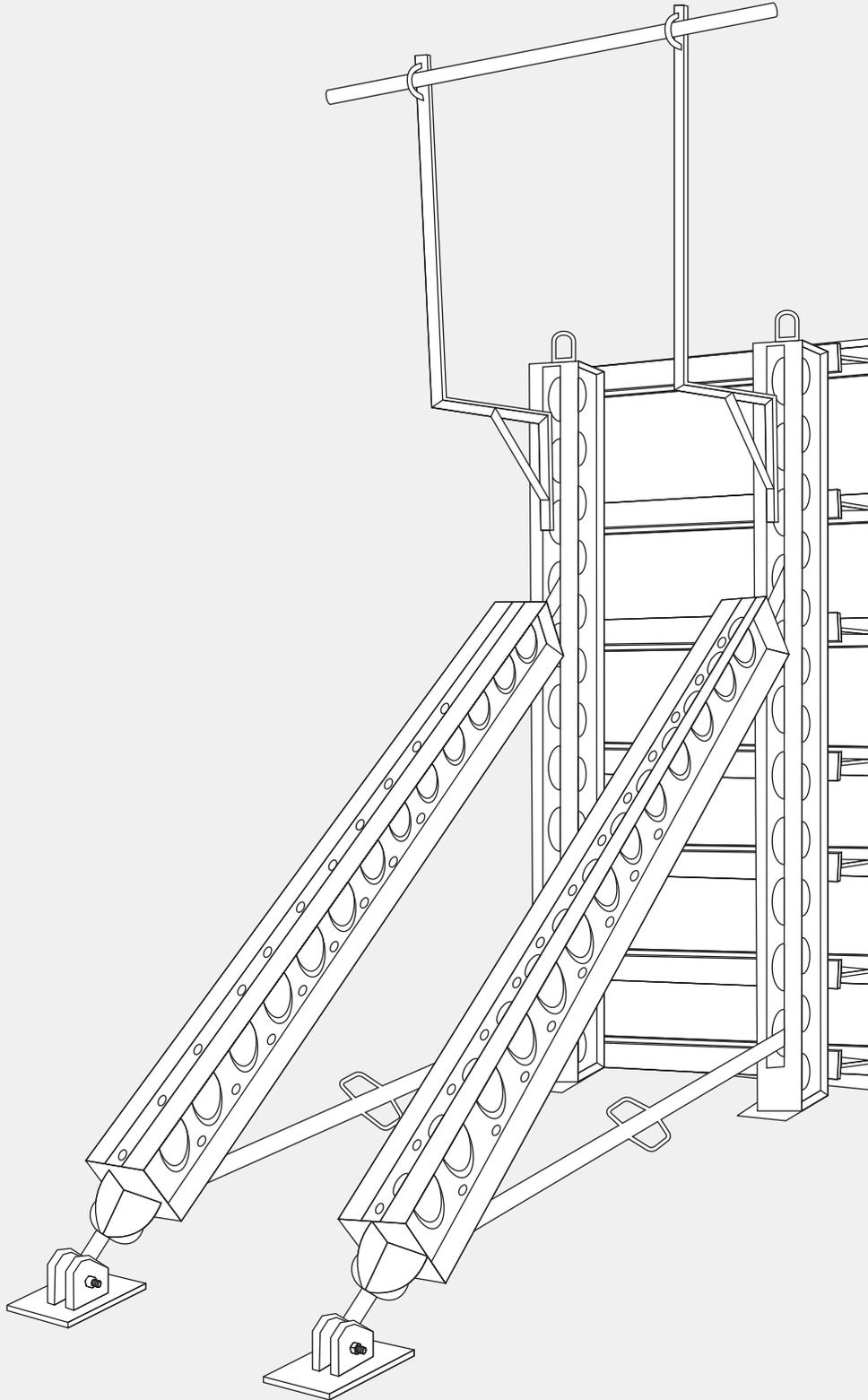


Length (mm)	Weight (kg)
2450 x 238 x 57	13.1
1750 x 238 x 57	9.6
1250 x 238 x 57	7.1



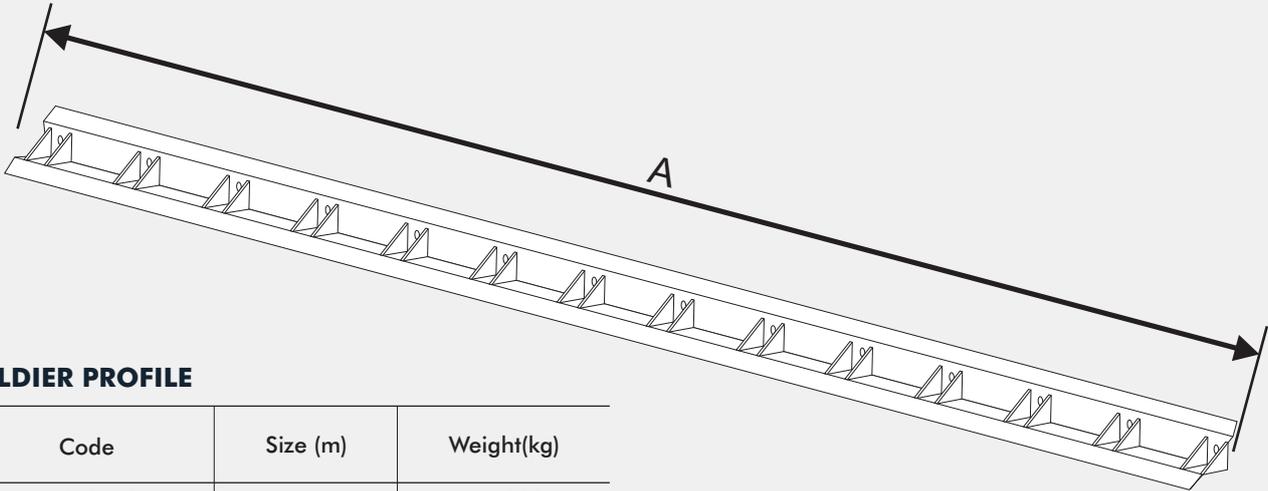
**MALMCO STEELS**

## **SOLDIER PROFILE**





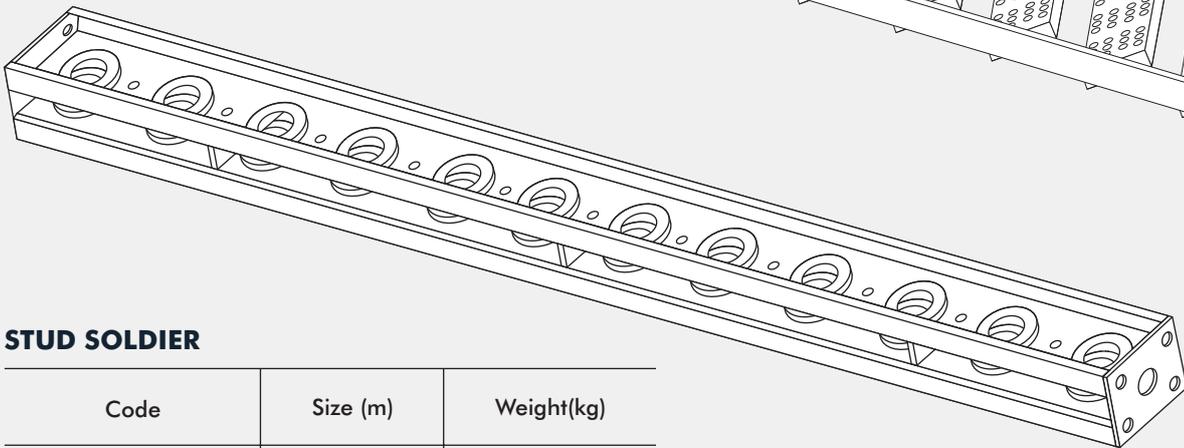
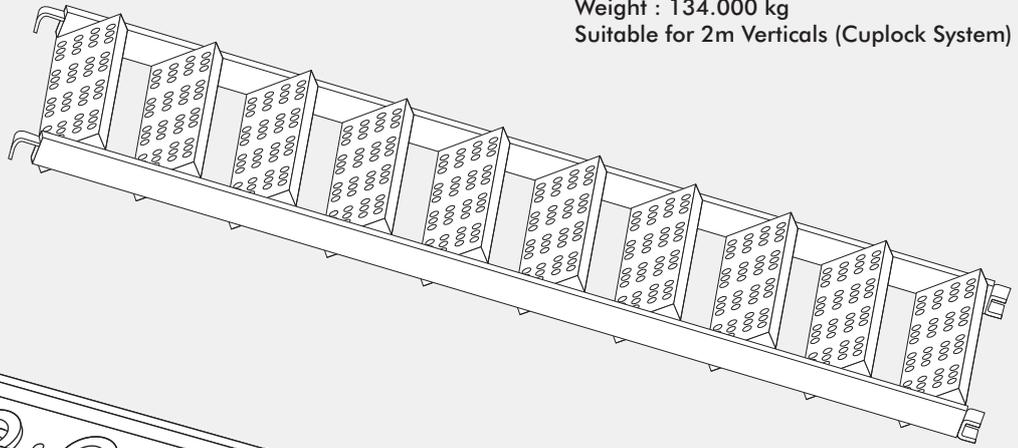
# SOLDIER PROFILE



### SOLDIER PROFILE

Code	Size (m)	Weight(kg)
MS-3510	1	7.800
MS-3514	2	15.400
MS-3515	3	23.150
MS-3516	4	32.410

**MS-3511**  
**STEEL STAIR CASE**  
 Weight : 134.000 kg  
 Suitable for 2m Verticals (Cuplock System)



### STUD SOLDIER

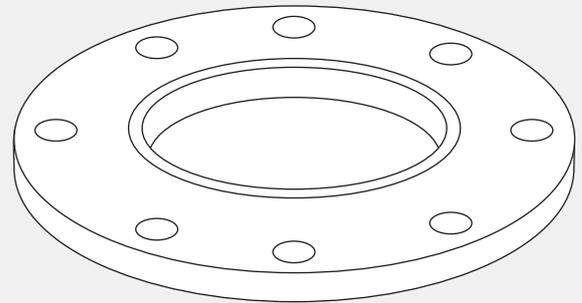
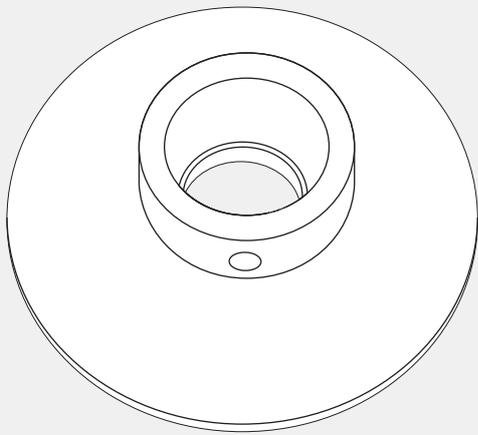
Code	Size (m)	Weight(kg)
	1	22.400
MS-3617	2	39.250
	3	56.400



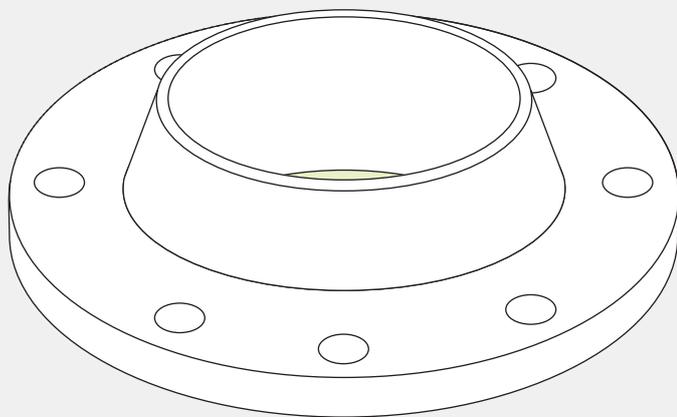
## FLANGES

MS-  
**XXXXXXXXXX**  
Weight :

MS-  
**FLANGE - 4" SLIP ON**  
Size - Outer Dia (mm) : 116.1  
Outer Dia (mm) : 228.6  
Weight : 6 kg.



MS-  
**FLANGE - 4" WELD NECK**  
Size - Outer Dia (mm) : 102.3  
Outer Dia (mm) : 228.6  
Weight : 7.2 kg.





**MALMO STEELS**

**MALMO STEELS PVT. LTD.**

**HEAD OFFICE**

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[www.malmosteels.com](http://www.malmosteels.com)