

QUICKLOCK SCAFFOLDING

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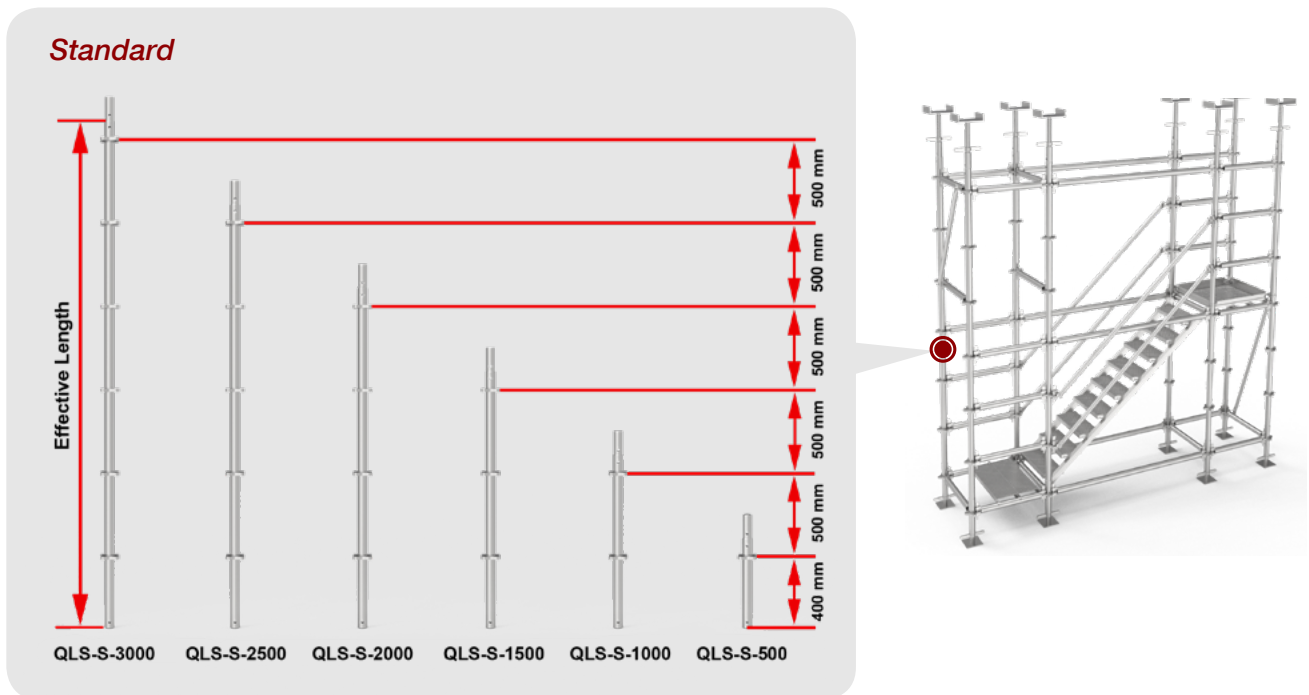
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Quicklock scaffolding is a light, compact & versatile type of scaffolding that can be erected in a short period.

It serves as load-bearing scaffold and working scaffold to provide support for general access and supporting vertical loads.

It can be flexibly assembled into modular scaffolding, birdcage scaffolding, suspended scaffolding, mobile scaffolding and supported scaffolding. It is widely used in high-rise, bridge, viaduct and highway constructions, tunnel and church maintenance and building renovations.

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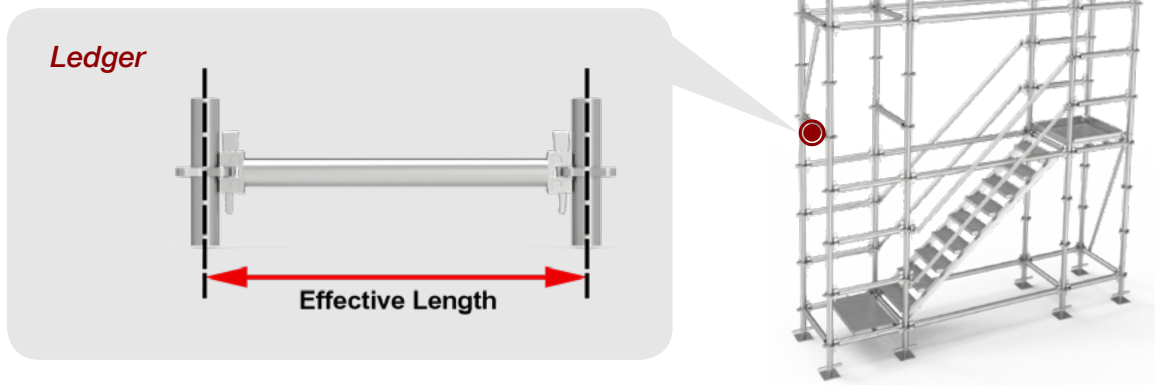


It refers to the vertical members of the quicklock scaffolding system that are used to provide vertical support for the quicklock scaffolding system

Item	Effective Length (mm)	Pipe Diameter (mm)	Pipe Wall Thickness (mm)	Weight (kg)	Minimum Tension (MPa)	Yield Limit (MPa)
QLS-S-500	500	48.3	3.25	2.97	517	414
QLS-S-1000	1000	48.3	3.25	5.16	517	414
QLS-S-1500	1500	48.3	3.25	7.31	517	414
QLS-S-2000	2000	48.3	3.25	9.47	517	414
QLS-S-2500	2500	48.3	3.25	11.63	517	414
QLS-S-3000	3000	48.3	3.25	11.63	517	414

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It refers to the horizontal members of the quicklock scaffolding that are used to provide horizontal support for the load and steel planks. It consists of a steel pipe with a ledger wedge welded on both ends and two wedge pins. The wedge pin is used to fix the ledger wedge onto the cross plate firmly by inserting it into the cross plate through the hole on the ledger head. The ledger head is produced by cast steel wax molds.

Specification of Ledgers

Item	Effective Length (mm)	Pipe Diameter (mm)	Pipe Wall Thickness (mm)	Weight (kg)	Minimum Tension (MPa)	Yield Limit (MPa)
QLS-L-400	400	48.3	3.25	1.95	517	414
QLS-L-500	500	48.3	3.25	2.35	517	414
QLS-L-610	610	48.3	3.25	2.66	517	414
QLS-L-650	650	48.3	3.25	2.76	517	414
QLS-L-700	700	48.3	3.25	2.90	517	414
QLS-L-730	730	48.3	3.25	3.00	517	414
QLS-L-740	740	48.3	3.25	3.06	517	414
QLS-L-920	920	48.3	3.25	3.60	517	414
QLS-L-1070	1070	48.3	3.25	4.05	517	414
QLS-L-1090	1090	48.3	3.25	4.44	517	414
QLS-L-1150	1150	48.3	3.25	4.48	517	414
QLS-L-1220	1220	48.3	3.25	4.75	517	414
QLS-L-1400	1400	48.3	3.25	5.11	517	414
QLS-L-1500	1500	48.3	3.25	5.69	517	414
QLS-L-1520	1520	48.3	3.25	5.96	517	414
QLS-L-1570	1570	48.3	3.25	6.10	517	414
QLS-L-1830	1830	48.3	3.25	7.05	517	414
QLS-L-2070	2070	48.3	3.25	8.05	517	414
QLS-L-2130	2130	48.3	3.25	7.76	517	414
QLS-L-2440	2440	48.3	3.25	8.85	517	414
QLS-L-2570	2570	48.3	3.25	9.80	517	414
QLS-L-3000	3000	48.3	3.25	10.50	517	414
QLS-L-3050	3050	48.3	3.25	11.20	517	414
QLS-L-3070	3070	48.3	3.25	11.65	517	414

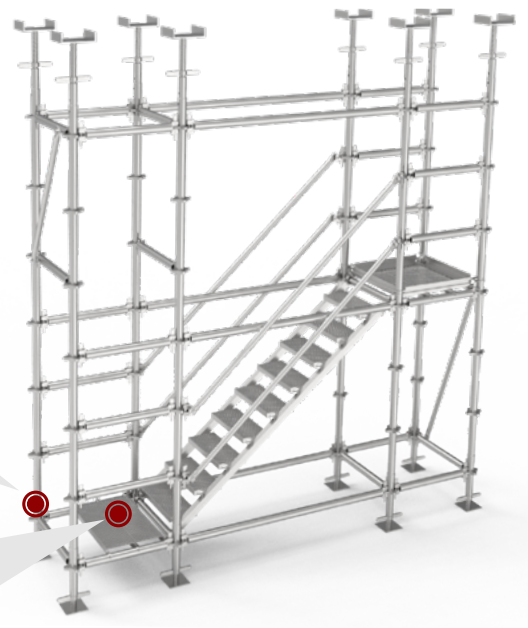
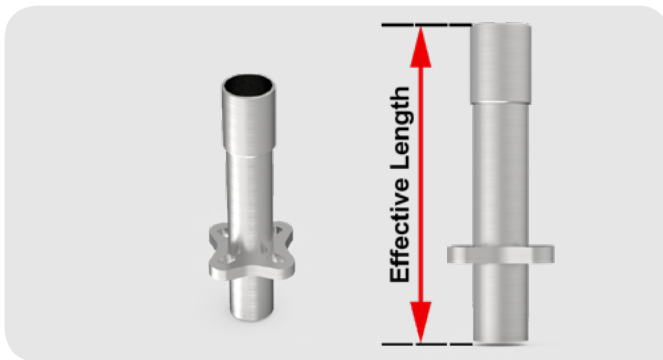
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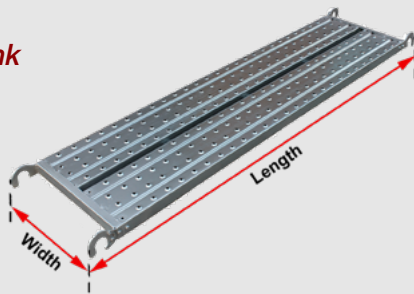
Base Collar

It is a connection component of the quicklock scaffolding system. It is placed over the adjustable jack base and below the first layer standards.

Item	Length (mm)	Weight (kg)
QLS-BC-300	300	2.43



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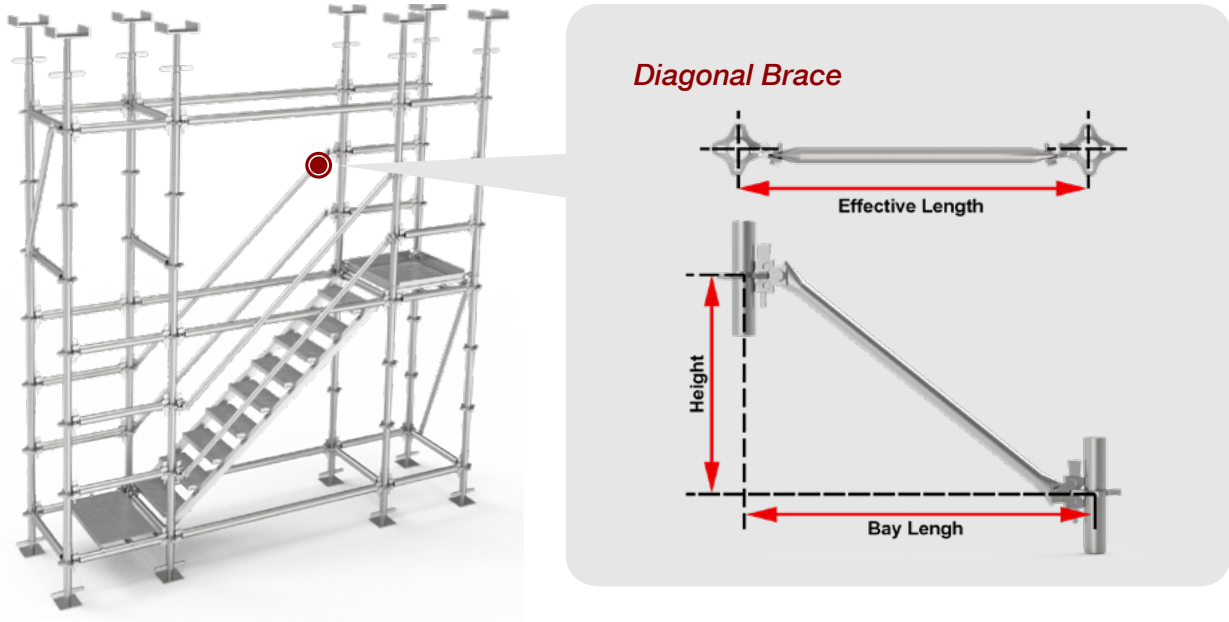
Steel Plank


It is a very important part of the ringlock scaffolding system. It is fixed on the ringlock scaffolding ledger for workers to walk on. Every corner is provided with a welded hook. Two or three beams are welded under the scaffold plank. Perforated plates are used to improve its anti-slip performance.

Item	Length (mm)	Width (mm)	Thickness (mm)	Hook Diameter (mm)
QLS-SP-1500	1500	240, 420, 500	1.2, 1.5	43, 50
QLS-SP-1800	1800	240, 420, 500	1.2, 1.5	43, 50
QLS-SP-1530	1530	240, 420, 500	1.2, 1.5	43, 50
QLS-SP-2400	2400	240, 420, 500	1.2, 1.5	43, 50

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It is used to connect two adjacent quicklock scaffold ledgers at different horizontal lines via the hole on the ledger, thereby forming a triangle with the standard and the ledger and providing a more stable quicklock scaffolding system based on the theory of triangular stability.

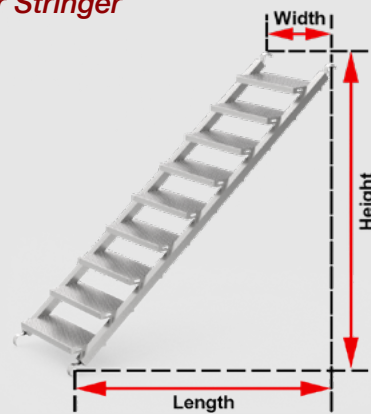
Item	Bay Length	Height	Pipe Diameter	Pipe Wall Thickness	Minimum Tension	Yield Limit
	(mm)	(mm)	(mm)	(mm)	(MPa)	(MPa)
QLS-DB-920	920	2000	48.3	2.5	483	345
QLS-DB-1070	1070	2000	48.3	2.5	483	345
QLS-DB-1090	1090	2000	48.3	2.5	483	345
QLS-DB-1150	1150	2000	48.3	2.5	483	345
QLS-DB-1220	1220	2000	48.3	2.5	483	345
QLS-DB-1400	1400	2000	48.3	2.5	483	345
QLS-DB-1500	1500	2000	48.3	2.5	483	345
QLS-DB-1520	1520	2000	48.3	2.5	483	345
QLS-DB-1570	1570	2000	48.3	2.5	483	345
QLS-DB-1830	1830	2000	48.3	2.5	483	345
QLS-DB-2070	2070	2000	48.3	2.5	483	345
QLS-DB-2130	2130	2000	48.3	2.5	483	345
QLS-DB-2440	2440	2000	48.3	2.5	483	345
QLS-DB-2570	2570	2000	48.3	2.5	483	345
QLS-DB-3000	3000	2000	48.3	2.5	483	345
QLS-DB-3050	3050	2000	48.3	2.5	483	345

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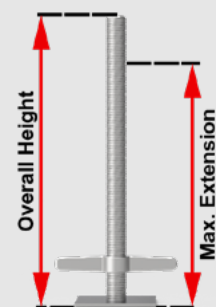
Stair Stringer

Stair stringer is fixed on the quicklock scaffolding ledger to provide a ramp for workers to climb up to the upper access. It consists of rectangular steel pipes with hooks and anti-slip stair treads. Diamond-strut anti-slip stair treads are employed to provide superior anti-slip performance and ensure the safety of workers walking on it.

Item	Length	Width	Thickness	Hook Diameter
	(mm)	(mm)	(mm)	(mm)
QLS-SS-1800	1800	550, 860	1800, 2000	43, 50
QLS-SS-1830	1830	420, 450, 860	1725, 1955	43, 50


Stair Stringer

Jack Base

It serves as the base of the quicklock scaffolding system. It helps keeping the quicklock scaffolding system stable by adjusting the height of the screw rod.

Jack Base


Item	Overall Height (mm)	Effective Length (mm)	Base Plate Length (mm)	Base Plate Thickness (mm)
QLS-JB-600	600	460	140	5
QLS-JB-800	800	530	140	5

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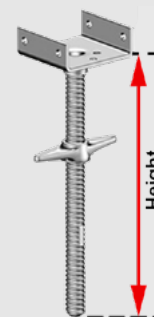
U-head Jack

It is mainly used to connect quicklock scaffolding standards to provide strong support for applications where beams require support. U head is welded on the screw rod and a nut is provided, you may screw the nut to adjust the height of the screw rod.

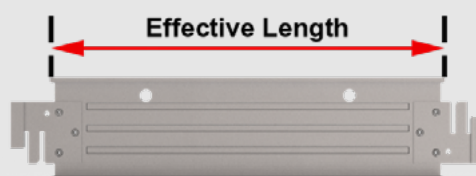
Item	Height	Screw Diameter (mm)	U-Head Size (mm)	U-head Plate Thickness (mm)
	(mm)			
QLS-UHJ-600	600	32, 34, 36, 38	160 × 90 × 30	5
QLS-UHJ-800	800	32, 34, 36, 38	160 × 90 × 30	5



U-head Jack



Steel Toe Plate



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Steel Toe Plate

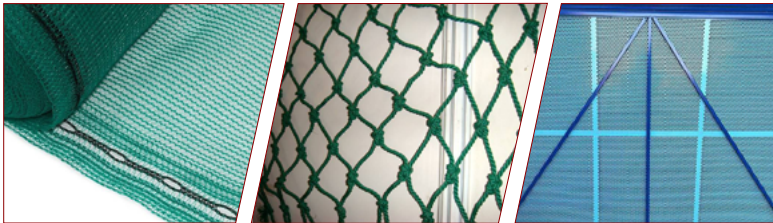
It is a long steel plate set on the ledgers equipped with scaffold planks. It is almost as high as the instep, therefore, it is called steel toe board. It is mainly used to prevent objects from falling off when they roll to the steel toe board and prevent workers from falling.

Item	Effective Length (mm)	Height (mm)
QLS-STB-830	830	180
QLS-STB-1000	1000	180
QLS-STB-1140	1140	180
QLS-STB-1440	1440	180
QLS-STB-1500	1500	180
QLS-STB-1750	1750	180
QLS-STB-2050	2050	180
QLS-STB-2360	2360	180
QLS-STB-2500	2500	180
QLS-STB-2660	2660	180
QLS-STB-2970	2970	180

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Optional Accessories



Vertical debris netting for scaffolding systems

Horizontal debris netting for scaffolding systems

Perimeter safety screen for scaffolds

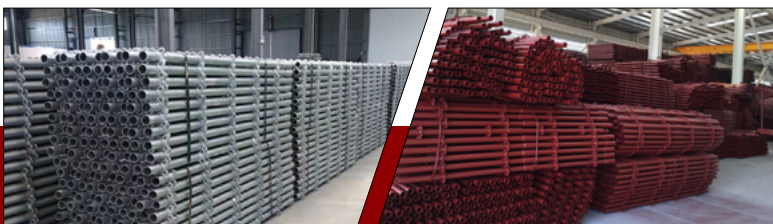
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Features

- All components are made of Q235 steel and Q345 steel.
- Hot-dip galvanized and PVC coated surface treatment enable it provide a durable service life.
- The ultimate work load tested of the vertical is 70 kN (per leg).
- Flexibility, vertical and horizontal are available in a variety of lengths.
- It is a multifunctional steel scaffolding system for all access and supports.

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Surface Treatment



Galvanized

Powder coating

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Application

Our quicklock scaffold is widely used in high-rise, bridge, viaduct and highway constructions, tunnel and church maintenance and building renovations.

Quicklock scaffold for high-rise construction



Quicklock scaffold for overpass construction



Quicklock scaffold for bridge construction

