

# TUBES & FITTINGS SPECS

Supplier main scaffolding material provided under the Proposal shall have the specifications provided below:

## Sloping Support Components

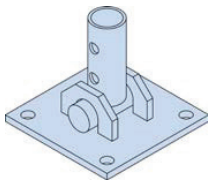
Cuplok's very high loading capacity can be fully utilized in access solution, support of bridges, water towers, or other applications where heavy loads require support at any height.

Standard components are used, the bracing required being provided by tube and fittings whilst the standard bases and fork-heads are needed for all normal work, special rocking bases and rocking fork-heads are available to cater for sloping ground conditions or sloping formwork, saving considerable labor cost in trying to accommodate the normal fix items using wedges.

## Rocking Base Plate

Provides a firm base on ground sloping up to 60 degrees to the horizontal, safe working load is 40 kN. Normally fixed to timbers which spread the load safely to ground.

Code	Height (cm)	Weight (kg)
279520	159	4.3

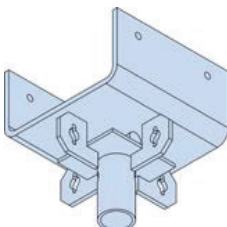


## Rocking Fork-head

Ideal for bridges having decks with slope in one or two directions. This unique fork-head allows adjustment to suit slopes of up to 10 degrees in the primary beam combined with cross fall of up to 7 degrees in the secondary beams.

Primary slope is achieved automatically when fitting the beams, and the secondary slope adjusted by rotating the handles to obtain the required angles, safe working load is 40 kN.

Code	Height (cm)	Weight (kg)
279686	22.8	6.9



## Bracing Components

The unique Cuplok Joint is exceptionally strong. Some additional bracing is required to develop the maximum load capacity and to prevent horizontal movement. A range of braces is available to suit all loading conditions, scaffold tube and fittings are used to provide this bracing.

## Scaffold Tube

All tubes supplied by SGB conform to "BRITISH STANDARD", BS 1139. The tubes are available in various lengths, 48.3mm Dia (outside) 3.20mm wall thickness. Also available in 4.00mm wall thickness, color: **Galvanized**

Code	Weight (kg)
001200	4.6



## Pressed Double Coupler

Double Couplers connect two scaffold tubes at the right angles. These are critical components in the scaffold structure and must be load bearing to resist both slip and distortion. The design is based on a strong one-piece body with flaps and T-bolts that can be removed for maintenance or replacement.

Code	Weight (kg)	SWL (kN)
006100	0.91	6.25



## Pressed Swivel Coupler

Swivel Coupler's connects two scaffold and tubes at any angle to provide ledger, façade or similar bracing. These are also key components in the structure and must be load bearing. The body is firmly riveted to permit rotation but still ensures the minimum of further movement, for maximum rigidity again. The T-bolts can be removed for maintenance.

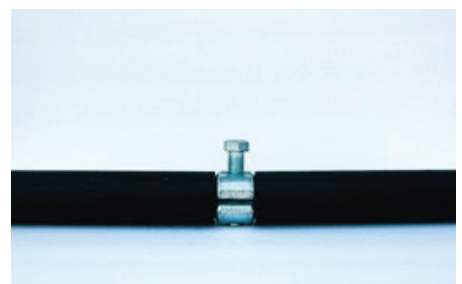
Code	Weight (kg)	SWL (kN)
006200	1.02	6.25



## Pressed Joint Pin

The Pressed Joint Pin provides end-to-end connection of scaffold tubes and operates by being inserted internally and expands to apply grip against the inner walls after tubes. The fittings are designed only for compression joints and it should not be used where tension can be developed in the tubes.

Code	Weight (kg)	SWL
006400	0.85	None



# TUBE & FITTING ANCILLARY COMPONENTS

## Gravelock Girder Couplers

There is often a requirement to fasten scaffold tubes to girders and other steel sections and it demands a specialized fitting with a high degree of versatility. The Gravelok Girder Coupler has been specifically designed for attachment to either horizontal or vertical flanges and will accommodate up to 43mm in depth. In erection, the Gravelok Girder Coupler is highly effective as it enables the fitting to be bolted to the girder first, leaving both hands free to present and secure the tube. As the tube is not compressed against the girder it is not distorted by the fastening process. Gravelok Coupler must be used in pairs.

Code	Weight (kg)	SWL (kN)
007890	1.47	30 per pair



## Scaffold Tools

A range of fastening tools are available, to suit most common scaffold fittings: In addition we maintain stocks of the following consumable items in our largest depot locations:

- Professional Spanners
- Frogs
- Spirit Levels

Code	Description
009101	Podger
009103	Box Spanner (7/12") s/over
009107	Box Spanner (7/16") s/over



## Wrapover Single Coupler

This Coupler connects putlog or transom tubes to ledger tubes for the support of scaffold boards. The one piece body has been carefully designed and press formed to provide the maximum resistance to movement and a long working life. It is not required to be a load bearing coupler.

Code	Weight (kg)	SWL (kN)
006700	0.77	0.60



## GIN Wheel

A Study free-running gin wheel incorporating a 51 mm diameter drop-forged swivel which completely encircles the tube, ensuring maximum safety. The 254mm pressed steel wheel has a self-lubricating bearing and is suitable for a 19mm diameter rope. A test certificate is issued for each gin wheel.

Code	Weight (kg)	SWL (kN)
305500	4.88	50



## DH Coupler

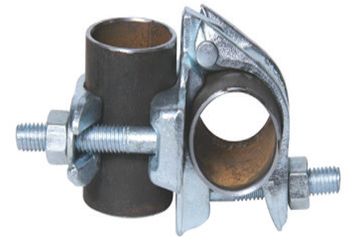
This coupler designed to secure putlogs and transoms to ledgers. This is a particularly strong design and is in fact capable of taking much higher loadings than the normal putlog couplers, making it suitable for ledger bracing etc.

Code	Weight (kg)	SWL (kN)
004100	0.96	5.0

## Pressed Putlog Coupler

This pressed Putlog Coupler connects putlog and transom tubes to ledger tubes in the same way as the conventional fitting, but incorporates two flaps to give a flush top surface to the tube. It is not a load bearing coupler.

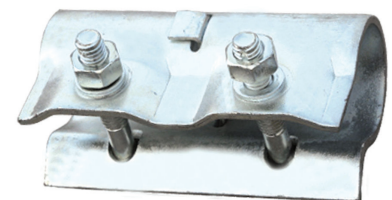
Code	Weight (kg)	SWL (kN)
006300	0.65	0.63



## Pressed Sleeve Coupler

Sleeve Coupler joins two scaffold 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 and therefore are particularly useful for long bracing and ledger tubes.

Code	Weight (kg)	SWL (kN)
006000	1.13	3.1



# DROP FORGED FITTINGS

## Drop Forged Fittings

The production of drop forged fittings is based on the finest engineering skills which ensures that our customers requirements for a strong and robust fitting are satisfied. This process calls for a particularly high quality of production technique to maintain tight specification tolerances.

SGB have been producing drop forged fittings for many years, and they have proved to be highly popular in producing the important combination of strength and robustness. Our double couplers include the strongest fitting of its kind available, and our products are specified for the most onerous applications (eg. Civil Engineering) where the most reliable and robust products are required.

Our Quality Control procedures maintain tight control on production to meet our exacting requirements. All fittings produced meet British standard requirements.

## Scaffold Boards

Scaffold boards are a natural resource and are not a factory production item like many of our products. This means that careful visual inspection is important as they perform a vital safety function in providing a secure working platform.

This requirement for eliminating substandard boards is still maintained despite the competitive nature of most scaffold board transactions. SGB reputation goes with every board; whether top 'Superboard' British standard, or Stress Graded Boards. Every type of board has its own specification, and its SGB's special experience and knowledge that can offer guidance to ensure that this specification is met.

Code	Weight (kg/m)	Support frequency
002100	4.46	Every 1.5m



## DF-Swivel Coupler

The Function of the swivel coupler is to connect two scaffold tubes at any angle for ledger, façade or similar bracing. These are important structural components and must be load-bearing.

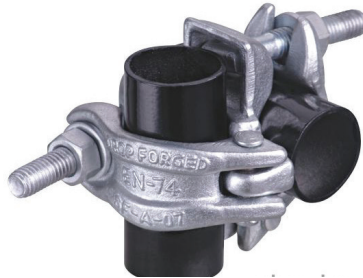
Code	Weight (kg)	SWL (kN)
DD4B00	1.60	6.25



## DF-Double Couplers

The SGB Double Couplers connect two scaffold tubes at right angles. These are important load bearing components and the drop-forged fittings provide the maximum strength.

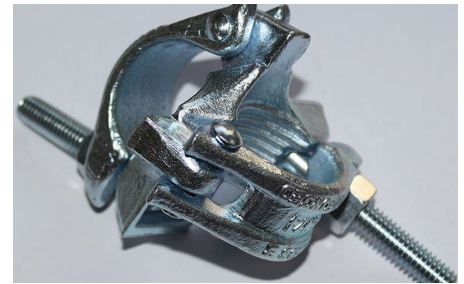
Code	Weight (kg)	SWL (kN)
004900	1.25	6.25



## DF-Wrapover Single Coupler

To complement the use of drop-forged double couplers a single coupler is also supplied. This is used to fasten putlogs and transoms to ledgers. The flap is manufactured from high quality steel dropforging.

Code	Weight (kg)	SWL (kN)
004700	0.62	0.63



## Steel Ladder

Suitable for heavy duty site work with non-slip treads to improve safety. Available in 2 or 6 meter lengths.



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For more information please scan the code



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