

GROUNDWORKS **TRENCH STRUTS** User Guide



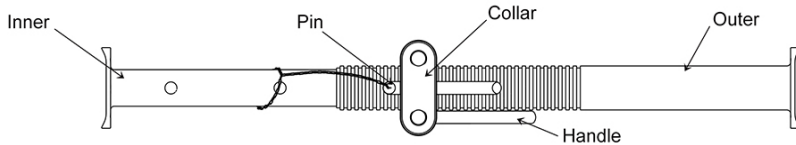
GENERATION
HIRE & SALE

LW/10.22

Trench Struts

This booklet is intended to provide basic information for users of Generation UK Trench Struts. They are intended to be used to brace timber walings against trench sheets, and should not be used for any other purpose without the consent of Generation UK.

Identification, Sizes, Weights & Safe Working Loads



The strut end plates have turned claw like corners designed to "bite" into timber.

Code	Dimensions & Weights				Suggested Working Loads (Closed or Fully Opened) kN	
	Length (ft/in)		Length (m)			Weight
	Closed	Open	Closed	Open		kg
405009	1'0"	1'6"	0.32	0.47	4.99	30
405007	1'6"	2'4"	0.49	0.73	6.58	30
405008	2'3"	3'9"	0.69	1.09	8.62	30
405011	3'5"	5'9"	1.03	1.73	8.62	30

Checks Before & During Use on Site

- Inspect all equipment before use and do not use damaged struts.
- Bent struts should never be used.
- Ensure that struts are fitted with the correct captive pins, which are manufactured from high tensile material. Use of reinforcing rods, tie rods or other materials may result in strut failure under load.
- When in use the pin should be firmly in contact with the collar on both sides of the strut outer.

Handling

Struts are to be handled with care because the inner can slide inside the outer if not restrained. Any part of the hand bridging the mouth of the outer and the moving inner may be pinched. Fingers projecting through the slots in the outer tube or hole in the outer end plate could be crushed by the inner.

Use of gloves will offer minimal protection therefore best practice is to hold both sections firmly and keep fingers clear of apertures in the outer.

Stacking & Transportation

Before attempting to sling, check that the lifting equipment available on site is of sufficient capacity and suitable for the lifting operations. Slings should always be carried out by suitably experienced and competent personnel. Do not stack pallets of struts on top of each other.

A suitable, dry, level, firm area should be made available for storage on site.

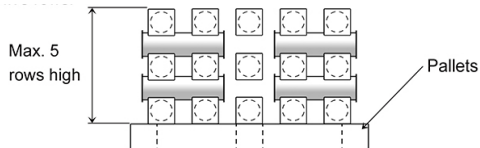
During transportation ensure stacks of struts are securely restrained to the vehicle bed.

It is the Customer's responsibility to load off-hired equipment to the driver's satisfaction.

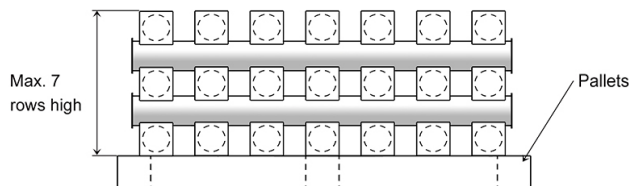
Large quantities of Generation Trench Struts should be stacked on pallets for transportation or site storage as shown below. Smaller quantities should be transported flat on the lorry bed.

No. '0' Size Struts are stacked and transported in skips.

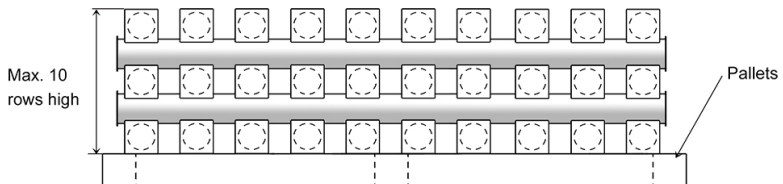
No. '1' Size Struts are stacked on standard pallets in two rows of five laid in opposing rows on top of each other to a maximum of five rows.



No. '2' Size Struts are stacked on standard pallets in single rows of seven laid in opposing rows on top of each other to a maximum of seven rows high.



No. '3' Size Struts are stacked on standard pallets in single rows of ten laid in opposing rows on top of each other to a maximum of ten rows high.



GROUNDWORKS BRANCHES NATIONWIDE

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