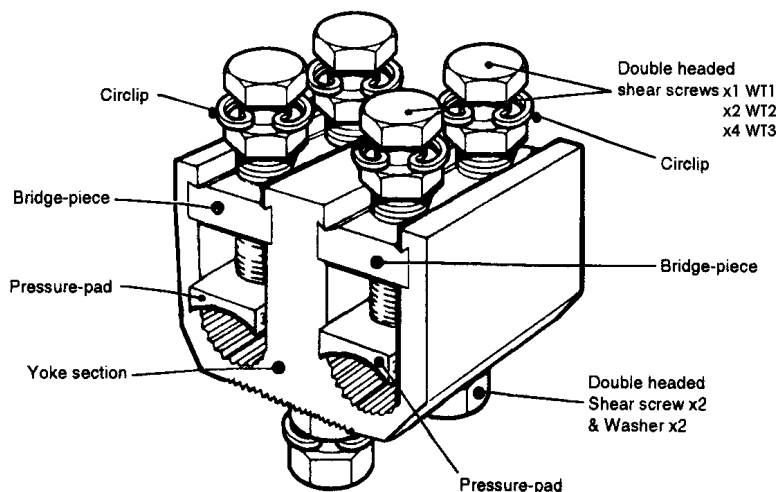


**WT Connectors****Principle Application**

Termination of stranded cored cables to busbar arrangements.

**Range**

Product Reference	Conductor csa (mm <sup>2</sup> )		Approx Unit Weight (gms)
	Min	Max	
WT1	95	300	420
WT2	50	150	350
WT3	35	95	190

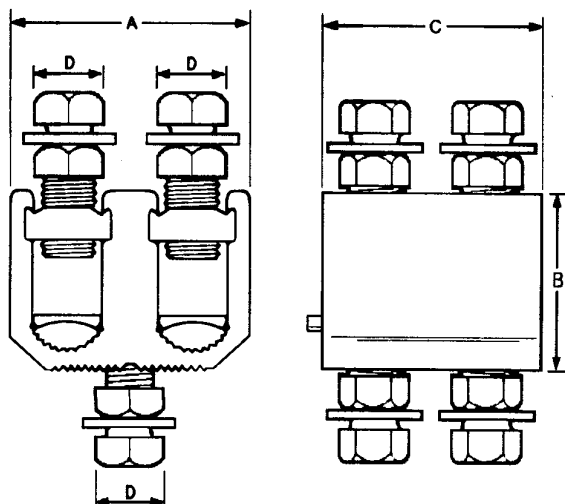
Note: For jointing other core configurations/sizes please contact Sicame Technical Dept

The **Hepworth WT** range of mechanical connectors are designed to meet the need to terminate cable cores onto fixed terminals associated with busbar arrangements in fusegear, switchgear and other static or rotating electrical machinery. The connectors require no special on-site tools, and provide an efficient cost effective method of termination.

Each connector is supplied in a sealed pack containing fitting instructions, brass gauze (for copper cored cables), and double headed shear screws to facilitate removal if, and when, required.

**WT Connectors****Physical Dimensions**

Note: WT1 has only 1 x DH shear bolt per channel.



Product Reference	Dimensions (mm)			
	A	B	C	D
WT1	84	45	50	17A/F
WT2	66	39	50	17A/F
WT3	54	35	50	13 A/F

Note: Pressure pads for WT1 and WT2 are equivalent to dimension 'C' plus 10mm to allow for notching which prevents pad from slipping out (with connector in vertical planes) during initial torque tightening.

**Material**

Aluminium Alloy

**Test Specifications**

BS4579 : Pt1 : 1970

**Fitting Instructions**

1. Attach the connector to the busbar using the double headed shear screws provided whilst ensuring the busbar is cleaned and abraded prior to fitting.
2. Check alignment and tighten screws until the upper heads shear off.
3. Offer the cores to the connector and strip off insulation equal to connector length +3mm.
4. Abrade the cores, align and fit the pressure pads and bridge pieces.
5. Torque tighten the bridge piece shear head screws until the upper head shears off.

Note: When jointing copper conductor wrap the supplied brass gauze around the core.