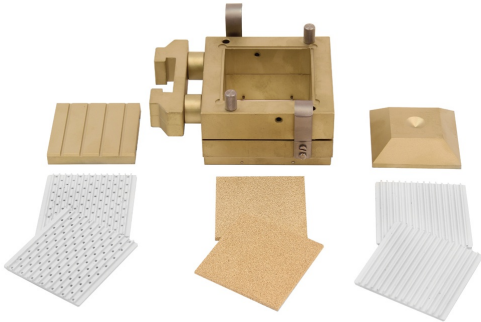


DATA SHEET

Shear Boxes



Shear box assemblies

General description

These shear box assemblies are designed to be used with our 27-WF20D60 Digishear, 27-WF21A60 Autoshear and 27-WF21E80 Shearmatic shear testing machines.

Manufactured from brass and designed to contain the water that surrounds the specimen.

They consist of a square box with a rigid walled round or square hole complete with:

- adapter loading pad
- retaining plate
- 2 plastic grids
- 2 perforated plastic grids
- 2 bronze sintered porous plates.

Sample cutter and extrusion dolly for sample preparation should be ordered separately (see accessories)

Standards

- ASTM D3080
- AASHTO T236
- BS 1377:7
- EN 17892-10

Specifications

Box Material: Brass

Grids and perforate grid material: Plastic

Porous plate material: Sintered bronze

Nominal samle dimension: 60 (square); 100 (square); 50 (round); 60 (round); 63.5 (round); 100 (round)

Sample height: 20 mm

Weight approx.: from 2.5 to 4 kg

DATA SHEET



Extrusion dolly and sample cutter

Products

27-WF0215/B

Shear box for square specimen 60x60mm

27-WF0216/B

Shear box for square specimen 100x100mm

27-WF0219/B

Shear box for 63.5mm dia samples

27-WF0222/B

Shear box assembly for 100mm diameter sample

27-WF0217/B

Shear box for 50mm dia samples

27-WF0218/B

Shear box for 60mm dia samples

Accessories and consumables

27-WF0215/B2

Loading pad for 60mm square samples

27-WF0215/B3

Retaining plate for 60mm square samples

27-WF0215/B5

Plane grid for 60mm square samples.

27-WF0215/B6

Perforated grid for 60mm square samples.

27-WF0215/4

Porous plate for 60mm square samples

27-WF0216/B5

Plane grid for 100mm square samples.

DATA SHEET

27-WF0216/B6

Perforated grid for 100mm square sample.

27-WF0216/4

Porous plate for 100mm square samples

27-WF0217/4

Porous plate for 50mm dia samples

27-WF0218/4

Porous plate for 60mm dia round samples

27-WF0219/4

Porous plate for 63.5mm dia samples

27-WF0222/4

Porous plate for 100mm

27-WF0215/B7

Sample cutter for 60mm square samples

27-WF0216/B7

Sample cutter for 100mm square samples

27-WF0217/B7

Sample cutter for 50mm dia samples

27-WF0218/B7

Sample cutter for 60mm dia samples

27-WF0219/B7

Sample cutter for 63.5mm dia samples

27-WF0222/B7

Sample cutter for 100mm

27-WF0215/8

Extrusion dolly for 60mm square samples

27-WF0216/8

Extrusion dolly for 100mm square samples

27-WF0217/8

Extrusion dolly for 50mm dia samples

27-WF0218/8

Extrusion dolly for 60mm dia samples

27-WF0219/8

Extrusion dolly for 63.5mm dia samples

27-WF0222/8

Extrusion dolly for 100mm