

SWIVEL and PLATEN ASSEMBLY FOR ROCK UCS 101-0396I-02

MatCivTest
MATERIAL CIVIL TEST EQUIPMENT

This rock UCS compression swivel kit will allow the adaption of most Compression machines and Universal testing machines for Rock UCS test. It is simple, compact and well designed with a common upper swivel with replaceable disc kit covering the most common UCS core sizes.

Complying to AS4133-4-2 , ASTM D7012-14

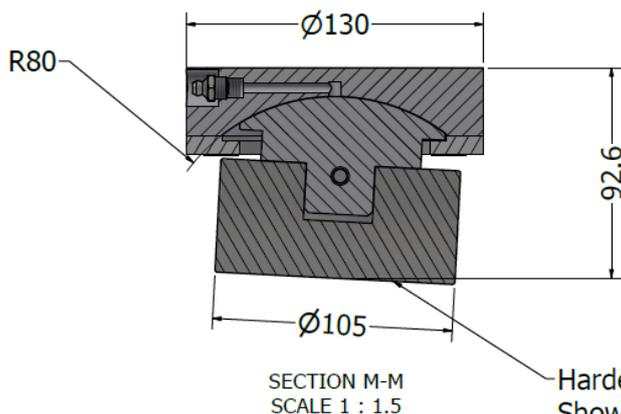
The kit Excludes Platens to be ordered separately

As per the standard the

- Platen surfaces are Tool-hardened steel to a minimum Rockwell Hardness of 58C
- Diameter of the spherical seat shall be at least as large as that of the test specimen, but shall not exceed twice the diameter of the test specimen.
- The centre of the sphere in the spherical seat shall coincide with that of the bearing face of the specimen.
- The movable portion of the platen shall be held closely in the spherical seat,
- The platen diameter shall be at least as great as that of the specimen and have a thickness-to diameter ratio of at least 1:2.



Weight with 105mm Platen is 7.1kg



Hardened Platen 58HRC
Shown here with 105 Dia product code 101-0396I-90
Ordered separately

Typical cross section through the 105mm upper platen swivel