

40° Travel, 40 x 40mm Stage Size Metric Goniometer, R47



Stock #55-838 20+ In Stock

-

1

+

€720<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €720,00 each                  |
| Qty 5+         | €648,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Metric

Physical & Mechanical Properties

Type of Movement:

Goniometer

Guide System:

Dovetail

|             |                     |
|-------------|---------------------|
| 40 x40      | Stage Size (mm):    |
| ±20         | Travel (°):         |
| Brass Stage | Construction:       |
| 3           | Load Capacity (kg): |
| 47          | Radius R (mm):      |
| 0.2         | Resolution (°):     |
| 0.2         | Weight (kg):        |

Hardware & Interface Connectivity

|            |                |
|------------|----------------|
| Lead Screw | Type of Drive: |
|------------|----------------|

Threading & Mounting

|                                       |                   |
|---------------------------------------|-------------------|
| (1) M4 x0.7, (4) M3 x0.5, (4) M2 x0.4 | Mounting Threads: |
|---------------------------------------|-------------------|

Regulatory Compliance

|                  |                             |
|------------------|-----------------------------|
| Exempt           | RoHS 2015:                  |
| View             | Certificate of Conformance: |
| Contains SVHC(s) | Reach 247:                  |

## Product Details

- Stackable for Two-Axis Rotation
- Durable Brass Construction
- Dovetail Design with Vernier Scale

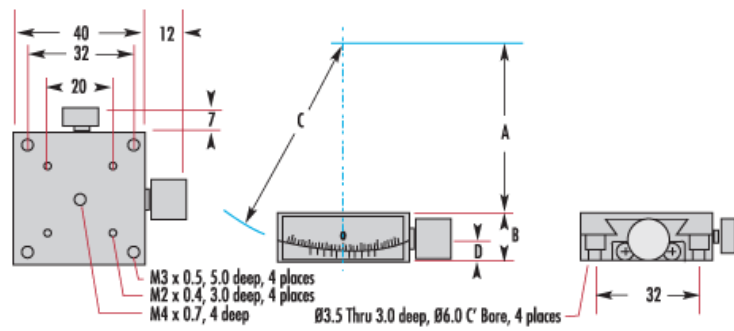
Metric Goniometers allow for precise angular adjustment of an object about a fixed point located above the center of the mounting surface. Stages with smaller radii can be mounted on top of larger radii stages of the same size to provide motion about a common point in two different axes. All stages feature a precision dovetail movement with a Vernier scale for high-resolution measurements and movement repeatability. Metric Goniometers feature a locking thumbscrew, allowing each stage to be held securely in place. Stage material is a durable black painted brass. An available 40mm square, 8mm thick top mounting adapter plate [#58-290](#) mounts to M3 holes and provides a counterbore for 1/4-20 or M6 socket head cap screw.

40mm Square Metric Goniometers are compatible with the following stages: [#55-029](#), [#55-030](#), [#55-031](#), [#55-838](#), and [#55-839](#).

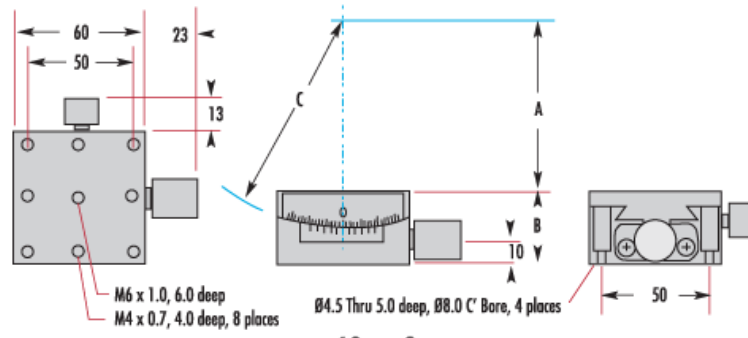
60mm Square Metric Goniometers are compatible with the following stages: [#54-687](#), [#55-032](#), [#55-459](#), [#55-527](#), [#56-335](#), and [#56-336](#).

## Technical Information

| Stock No.               | A     | B    | C       | D     |
|-------------------------|-------|------|---------|-------|
| <a href="#">#13-629</a> | 15mm  | 20mm | 31mm    | 7mm   |
| <a href="#">#55-838</a> | 35mm  | 16mm | 47mm    | 7mm   |
| <a href="#">#55-839</a> | 51mm  | 15mm | 62mm    | 6.5mm |
| <a href="#">#55-840</a> | 50mm  | 34mm | 63mm    | —     |
| <a href="#">#55-841</a> | 84mm  | 31mm | 95mm    | —     |
| <a href="#">#13-630</a> | 115mm | 24mm | 130.4mm | —     |



**40mm Square**



**60mm Square**