

CA Series

Crank Arms



Description

CA... series crank arms mount to a Siemens SQM33..., SQM4..., SQM5... actuator, a VKG... butterfly valve, or a VKO... oil valve.

Features

- Reliable mechanical linkage for SQM33..., SQM4..., or SQM5... actuators, VKG... butterfly valves, and VKO... oil valves.
- Eight mounting positions for simple linkage configurations
- Easy installation requiring no special tools

Product Part Numbers

Use Table 1 to combine an arm and a hub to select a crank arm assembly part number.

Table 1: Crank Arms Kits

| | 3/8" Square Shaft Hub (Actuator) | 10mm Round Shaft Hub (VKG... Valve) | VKO... Valve Shaft Hub | 10mm D Shaft Hub (Actuator) | 14mm Keyed Shaft Hub (Actuator) |
|----------------------------|---|--|-------------------------------|------------------------------------|--|
| Thick with Holes | CA-E06S-1 | CA-M10R-1 | CA-VKO-1 | CA-M10D-1 | CA-M14K-1 |
| Standard with Holes | CA-E06S-2 | CA-M10R-2 | CA-VKO-2 | CA-M10D-2 | N/A |
| Standard with Slot | CA-E06S-3 | CA-M10R-3 | CA-VKO-3 | CA-M10D-3 | N/A |

Accessories

CA-AC-RE0.25



A rod end is available for use with any crank arm utilizing the standard arm with holes or the standard arm with slot. The rod end has a 1/4"-20 stud and comes with the corresponding nut and lock washer for fastening the rod end to the arm. The rod end has a 0.328" hole for use with a 1/4" or 5/16" connecting rod. A set screw is provided to connect the rod end to the connecting rod.

Specifications

Physical characteristics

Fasteners

Hubs (CA-E06S..., CA-M10...)
Hubs (CA-M14K-1, CA-VKO...)

Arms

Alloy Steel

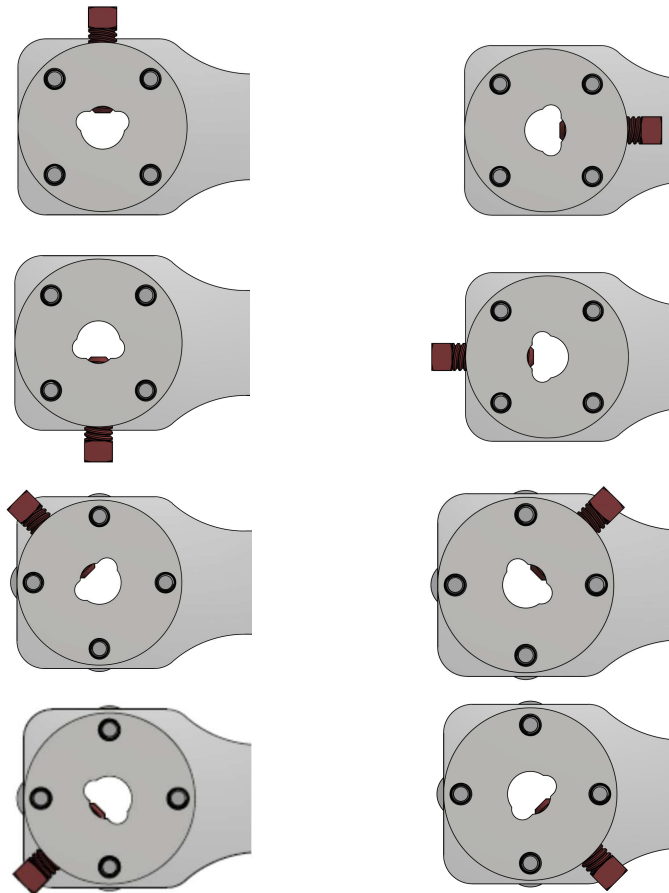
Zinc-Plated Steel

Aluminum 6061

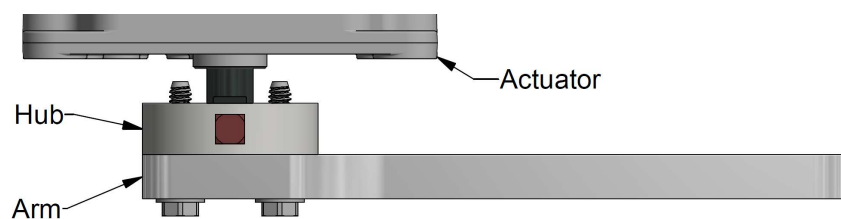
Zinc-Plated Steel

Installation

- Set screws must be secured appropriately. Square head set screws should be tightened to a torque of 180 in-lbs.
- Each arm has eight mounting holes, allowing the hub to be mounted in eight different positions relative to the arm.



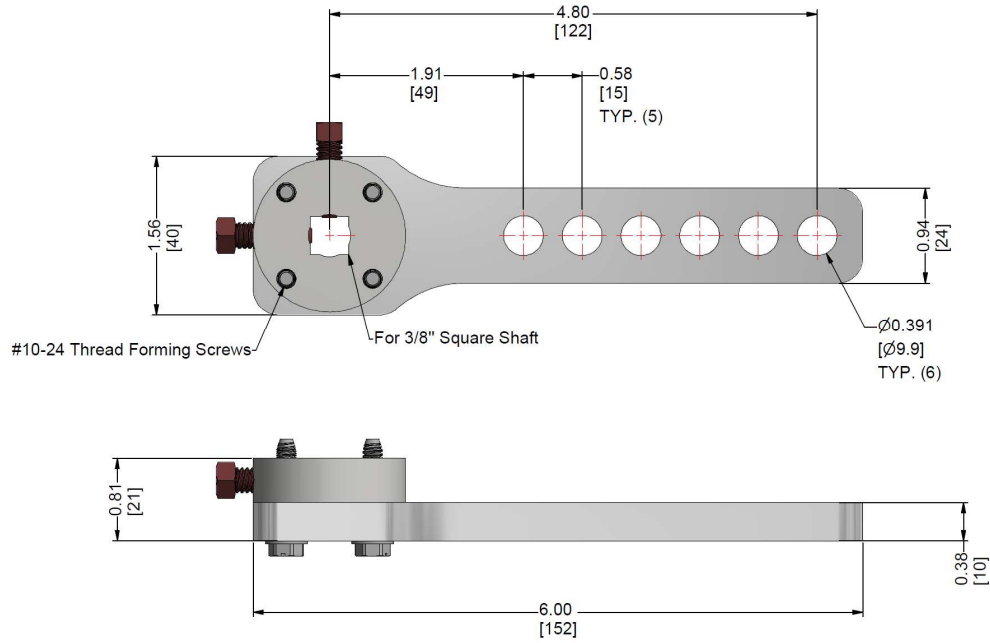
- Install the crank arm on the actuator with the hub end over the shaft as pictured below.



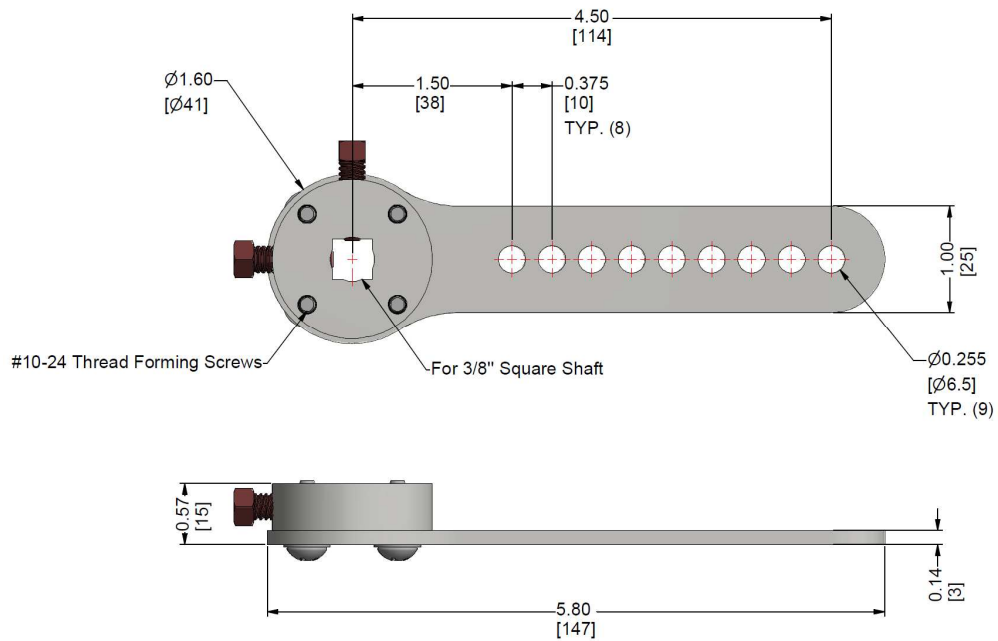
Dimensions

Dimensions in inches; millimeters in brackets

CA-E06S-1

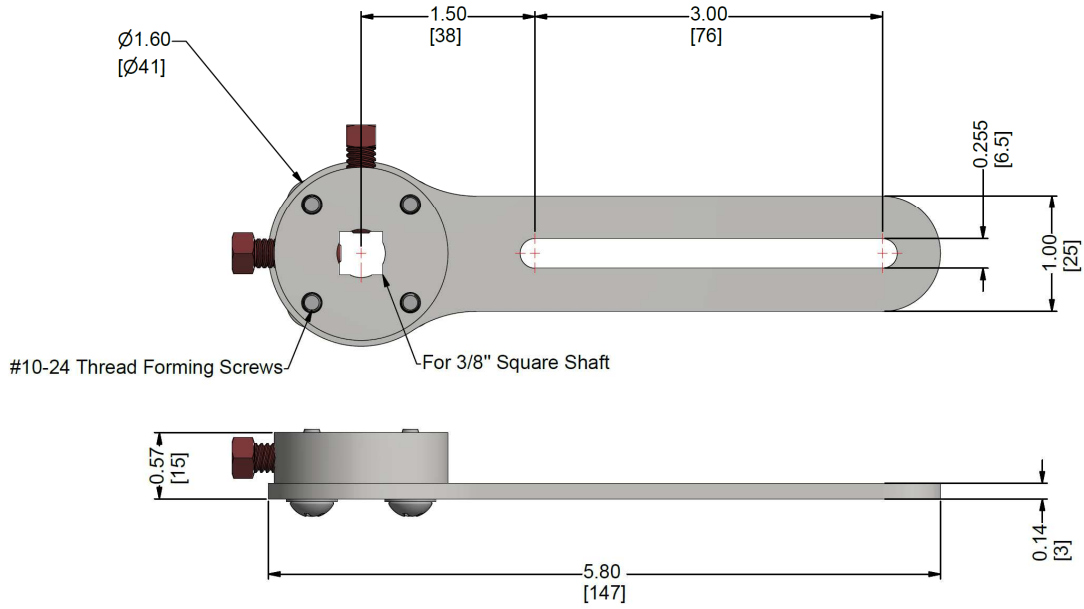


CA-E06S-2

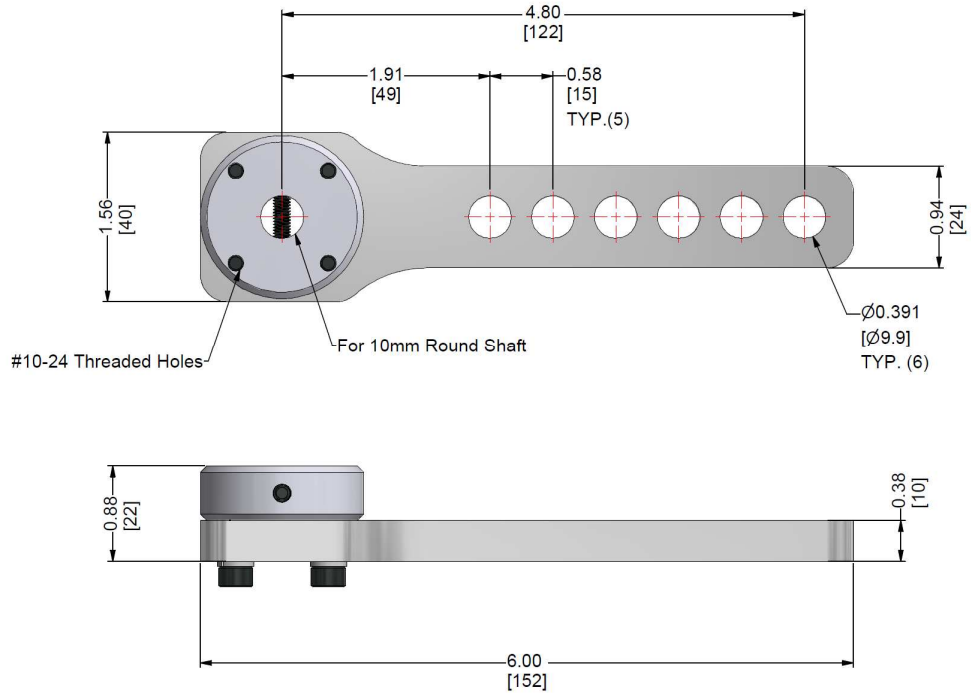


Dimensions (continued)

CA-E06S-3

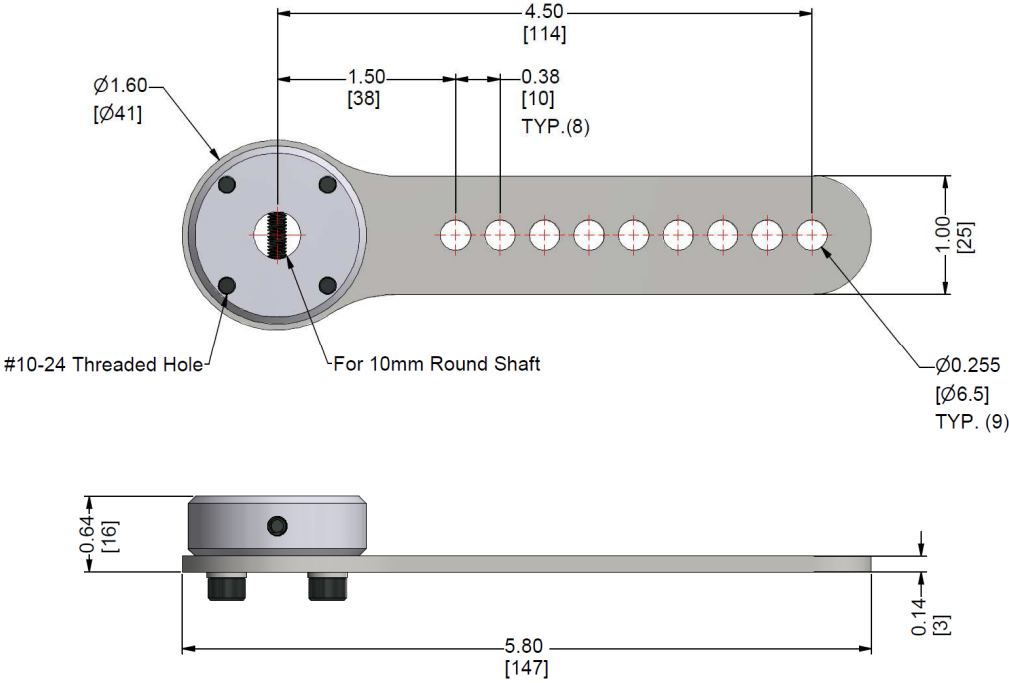


CA-M10R-1

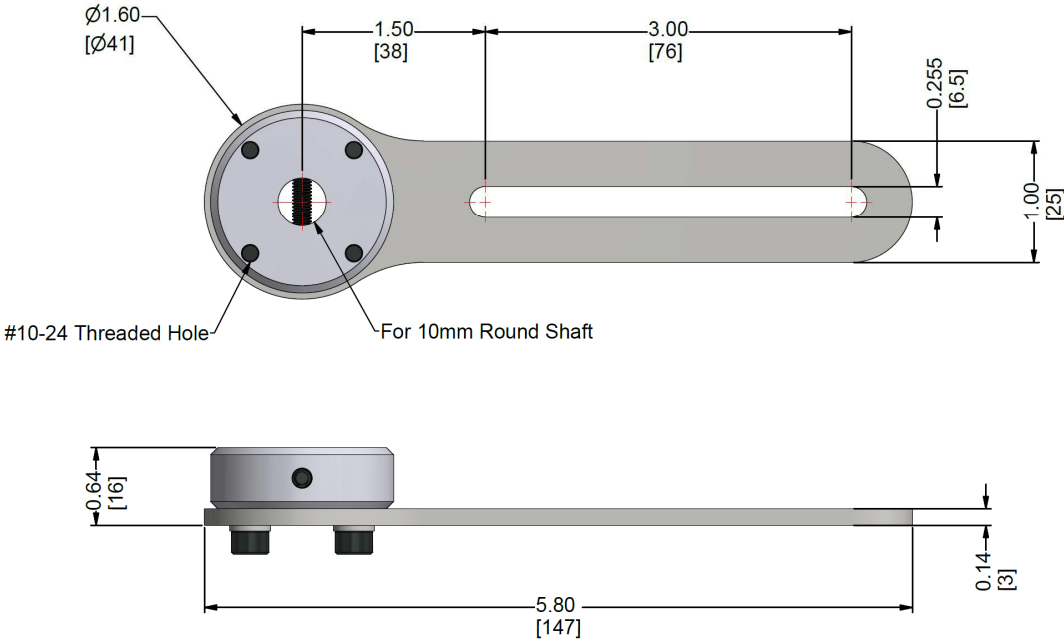


Dimensions (continued)

CA-M10R-2

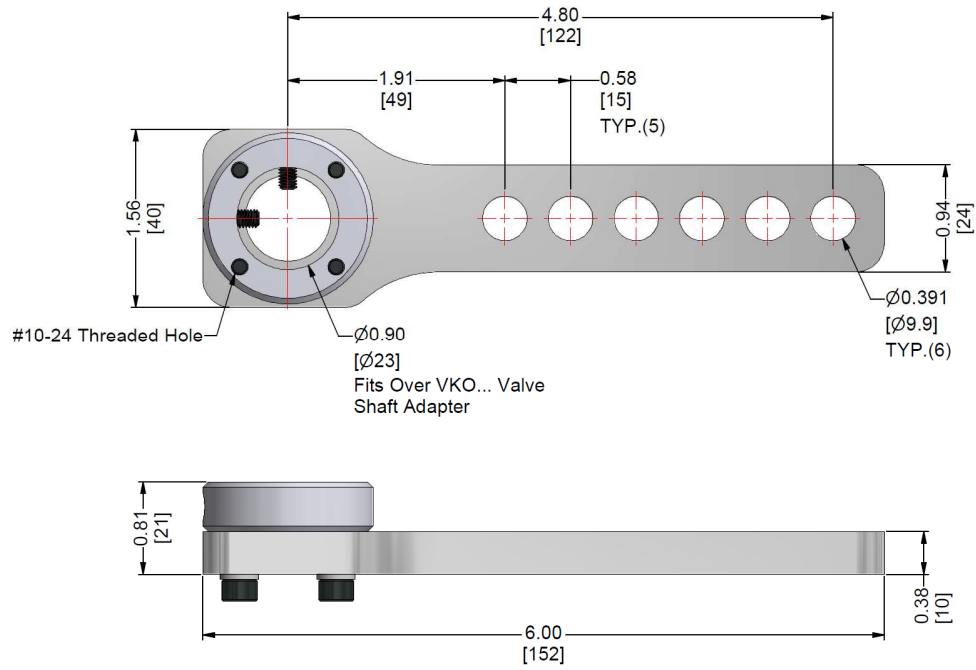


CA-M10R-3

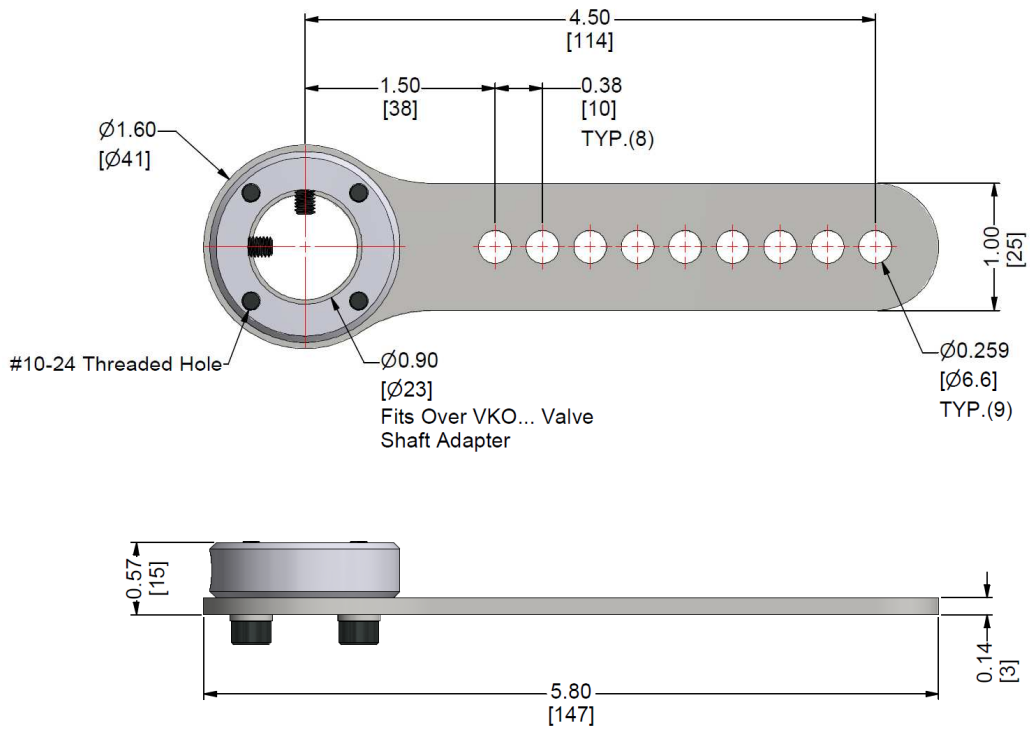


Dimensions (continued)

CA-VKO-1

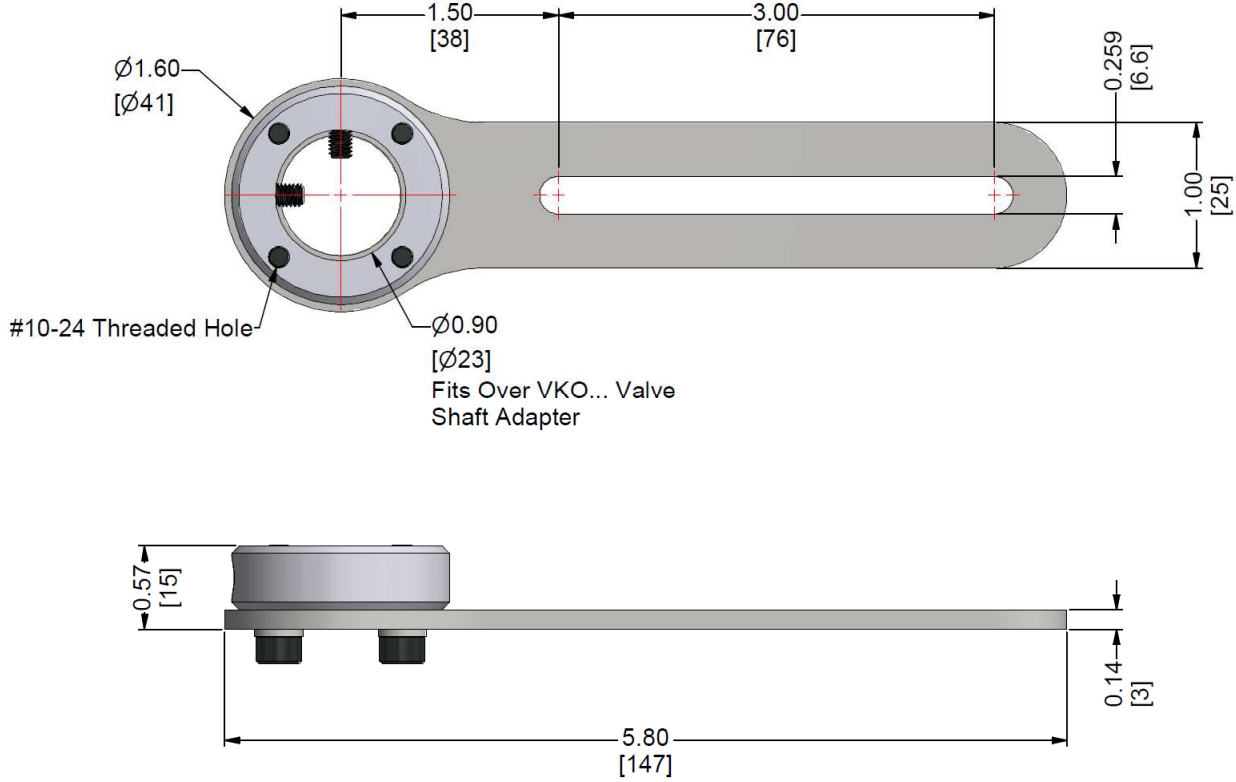


CA-VKO-2



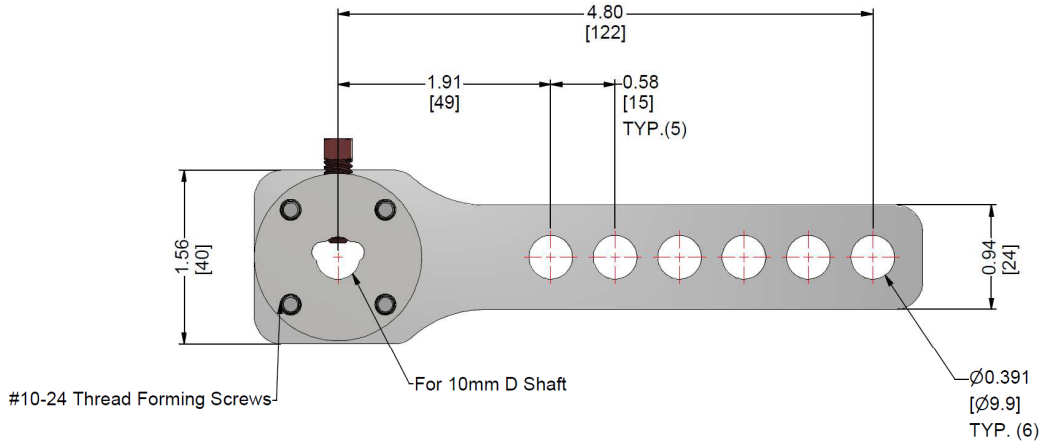
Dimensions (continued)

CA-VKO-3

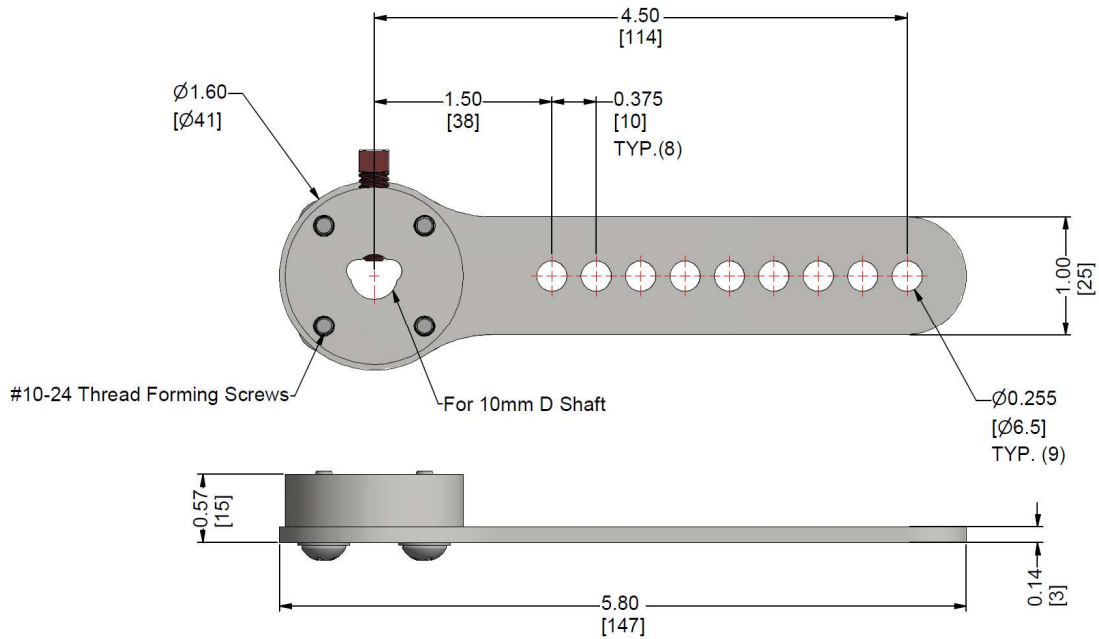


Dimensions (continued)

CA-M10D-1

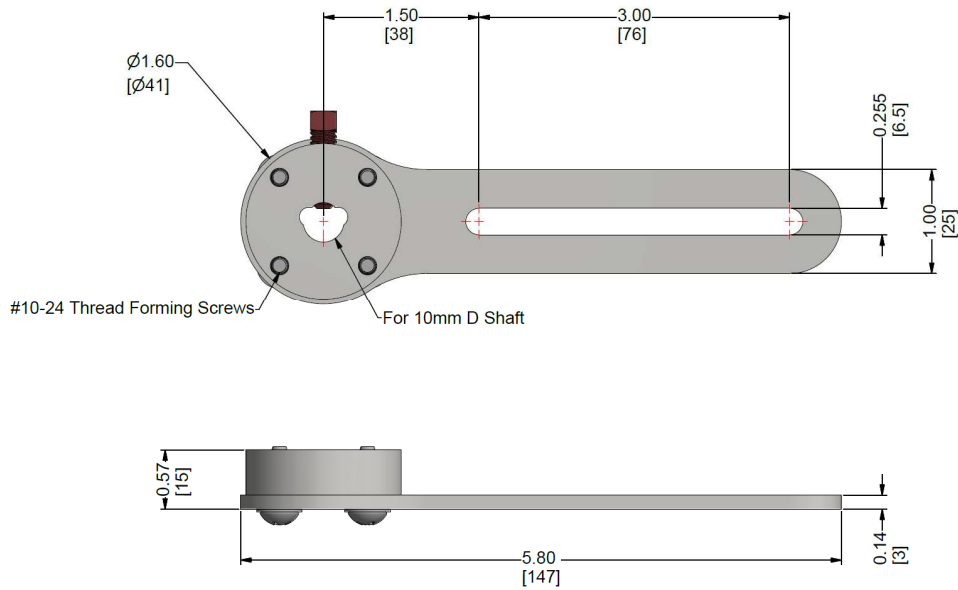


CA-M10D-2

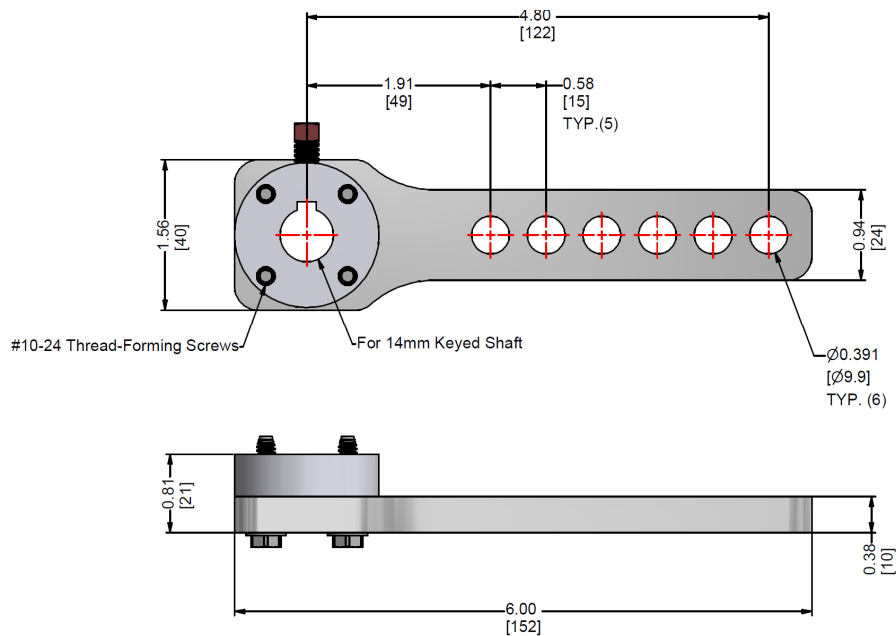


Dimensions (continued)

CA-M10D-3



CA-M14K-1



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