MECHANICAL ESSENTIALS KITS: POSTS AND ACCESSORIES

► **Kits Contain 108 or 254 Pieces**
► **Heavy-Duty, Welded Steel Cabinet Frame**
► **Cabinet Frame Can Be Wall Mounted or Stacked**
► **Equipped with Easy-to-Read Labels**

ESK16
254-Piece Kit

See *Contents* Tab for the Items Included in Each Kit

ESK03
108-Piece Kit

Hide Overview

OVERVIEW

Features

- Imperial and Metric Kits
- Frame Dimensions (L x W x H): 17" x 11" x 11" (432 mm x 279 mm x 279 mm)
- Drawer Dimensions (L x W x H): 10.56" x 5.19" x 3.06" (268 mm x 132 mm x 78 mm)
- Easy-to-Read Labels List Contents Each Drawer
- Increased Savings Over Individual Component Products

ESK03(/M) will be retired without replacement when stock is depleted. If you require this part for line production, please contact our OEM Team.

Limited STOCK

Click to Enlarge
ESK16 shown on an RK4102 rack shelf, which is installed in an RK3884 19" rack.

Click to Enlarge
Slots on the rear of the case allow for wall mounting.

These kits contain our popular Ø1/2" posts, post construction accessories, and clamps, appropriate for basic optomechanical setups as well as a range of axial setups. In addition to these components, the ESK16(/M) includes post spacers and a component clamp, while the ESK03(/M) includes V-clamps and a small right-angle bracket. Refer to the *Contents* tab above for detailed information about the components included with the imperial and metric versions of each kit. These kits are ideally complemented with our ESK01 (ESK01/M) Bases and Post Holders Kit or our ESK14 (ESK14/M) Clamping Forks and Post Holders Kit.

Mounting Options

The kits can be stored on a tabletop for easy, convenient access or placed on an RK4101 or RK4102 rack shelf, both of which can be installed in our RK3884 standard 19" rack. The image to the right shows an ESK16 kit as well as another custom-labeled S19909 cabinet installed in a 19" rack. The cabinet used in each Essential Series Kit features slots in the rear of the case (see image to far right) for wall mounting and features indentations on the top and four feet on the bottom for stable stacking. *Warning*: each kit weighs 42 lbs (19.1 kg); ensure that the wall and wall mounts can support at least this weight before mounting the unit.

C O N T E N T S

Each kit includes an S19909 9-Drawer Cabinet. In cases where the metric and imperial kits contain parts with different item numbers, metric item numbers and measurements are indicated in parentheses.

Kit Components					
Posts					
ESK16(/M)			ESK03(/M)		
Item # and Description	Image (Click to Enlarge)	Quantity	Item # and Description	Image (Click to Enlarge)	Quantity
TR075 (TR20/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 0.75" (20 mm)		20	-	-	-
TR1 (TR30/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 1" (30 mm)		20	TR1 (TR30/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 1" (30 mm)		10
TR1.5 (TR40/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 1.5" (40 mm)		20	TR1.5 (TR40/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 1.5" (40 mm)		10
TR2 (TR50/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 2" (50 mm)		20	TR2 (TR50/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 2" (50 mm)		10
TR3 (TR75/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 3" (75 mm)		20	TR3 (TR75/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 3" (75 mm)		10
TR4 (TR100/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 4" (100 mm)		20	TR4 (TR100/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 4" (100 mm)		10
TR6 (TR150/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 6" (150 mm)		20	TR6 (TR150/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 6" (150 mm)		10
TR8 (TR200/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 8" (200 mm)		10	TR8 (TR200/M) Ø1/2" Optical Post, SS, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 8" (200 mm)		10
TRA2 (TRA50/M) Ø1/2" Aluminum Post, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 2" (50 mm)		20	-	-	-
TRA3 (TRA75/M) Ø1/2" Aluminum Post, 8-32 (M4) Setscrew, 1/4"-20 (M6) Tap, L = 3" (75 mm)		20	-	-	-

Construction Accessories					
ESK16(/M)			**ESK03(/M)**		
Item # and Description	Image (Click to Enlarge)	Quantity	Item # and Description	Image (Click to Enlarge)	Quantity
R2 (R2/M) Slip-On Post Collar for Ø1/2" Posts		10	R2 (R2/M) Slip-On Post Collar for Ø1/2" Posts		10
R2T Thin Slip-On Post Collar for Ø1/2" Posts, 5 Pack		1	-	-	-
SWC (SWC/M) Swivel Post Clamp, 360° Continuously Adjustable		3	SWC (SWC/M) Swivel Post Clamp, 360° Continuously Adjustable		3
RA90 (RA90/M) Right Angle Post Clamp, Fixed 90° Adapter		10	RA90 (RA90/M) Right Angle Post Clamp, Fixed 90° Adapter		10
RA180 (RA180/M) Right-Angle End Clamp for Ø1/2" Posts, 1/4"-20 (M6) Stud and 3/16" (5 mm) Hex		5	-	-	-
TRK05 Anti-Rotation Alignment Key for TR Series Posts		5	-	-	-
TRB1 (TRB1/M) Locking Ball and Socket Mount, 8-32 (M4) Threaded		3	-	-	-
TR1M Ø1/2" Post Spacer, 1 mm Thick, 5 Pack		1	-	-	-
TR3M Ø1/2" Post Spacer, 3 mm Thick, 5 Pack		1	-	-	-
TR5M Ø1/2" Post Spacer, 5 mm Thick, 5 Pack		1	-	-	-
TR10M Ø1/2" Post Spacer, 10 mm Thick, 5 Pack		1	-	-	-

Clamps and Mounts					
ESK16(/M)			**ESK03(/M)**		
Item # and Description	**Image (Click to Enlarge)**	**Quantity**	**Item # and Description**	**Image (Click to Enlarge)**	**Quantity**
PMTR (PMTR/M) Component Clamp for Ø1/2" Posts, 1/4"-20 (M6) Taps		3	-	-	-
-	-	-	VC1 (VC1/M) Small V-Clamp, One PM3(/M) Included		2
-	-	-	VC3C (VC3C/M) Large V-Clamp, One PM4(/M) Included		2
-	-	-	PM3 (PM3/M) Small Adjustable Clamping Arm, 6-32 (M4) Threaded Post		2
-	-	-	PM4 (PM4/M) Large Adjustable Clamping Arm, 6-32 (M4) Threaded Post		4
-	-	-	AB90 Small Right Angle Bracket		5

Hide Smart Pack

Part Number	Description	Price	Availability
ESK16/M	NEW! Posts & Accessories Essentials Kit, Metric and Universal Components, 254 Pieces	$1,940.00	Today
ESK03/M	Posts & Accessories Essentials Kit, Metric and Universal Components, 108 Pieces	$1,064.00	5-8 Days
ESK16	NEW! Posts & Accessories Essentials Kit, Imperial and Universal Components, 254 Pieces	$1,940.00	Today
ESK03	Posts & Accessories Essentials Kit, Imperial and Universal Components, 108 Pieces	$1,064.00	Lead Time

Visit the *Mechanical Essentials Kits: Posts and Accessories* page for pricing and availability information:
https://www.thorlabs.com/newgrouppaup_id=1314