

Old School Industries, Inc.

Boom Stand Catalog

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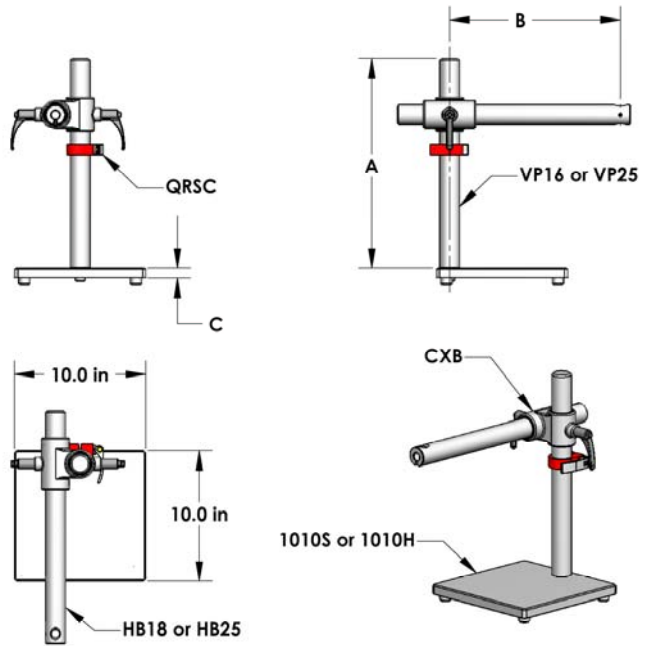
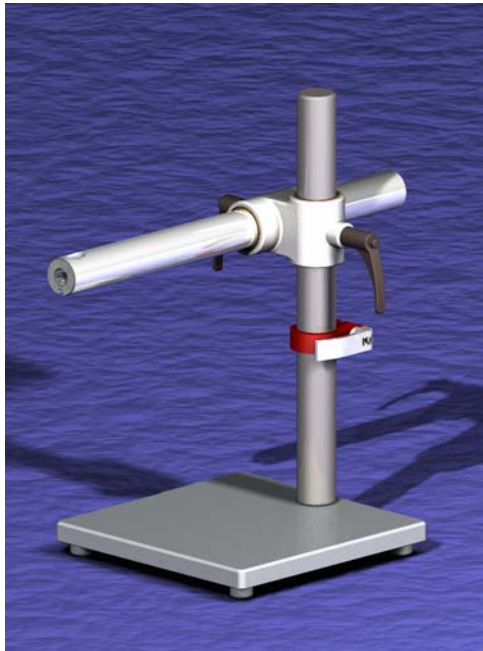
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STANDARD & HEAVY STANDS



Standard Stand Components

- 1010S 10" x 10" x 3/4" powder coated steel base with four rubber feet, 21 lbs.
- 1010H 10" x 10" x 1 1/4" powder coated steel base with four rubber feet, 35 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- HB18 1 1/2" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 1/2" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and one brass tipped and one plastic tipped adjustable handle.

Assembly Number	A* (in)	B (in)	C (in)	Stand Specific Components	Common Components
OS1010S-1618	16	14.75	3/4	VP16, HB18	1010S CXB QRSC
OS1010S-2518	25	14.75	3/4	VP25, HB18	
OS1010S-1625	16	21.75	3/4	VP16, HB25	
OS1010S-2525	25	21.75	3/4	VP25, HB25	
OS1010H-1618	16	14.75	1 1/4	VP16, HB18	1010H CXB QRSC
OS1010H-2518	25	14.75	1 1/4	VP25, HB18	
OS1010H-1625	16	21.75	1 1/4	VP16, HB25	
OS1010H-2525	25	21.75	1 1/4	VP25, HB25	

* Custom length vertical posts available upon request.

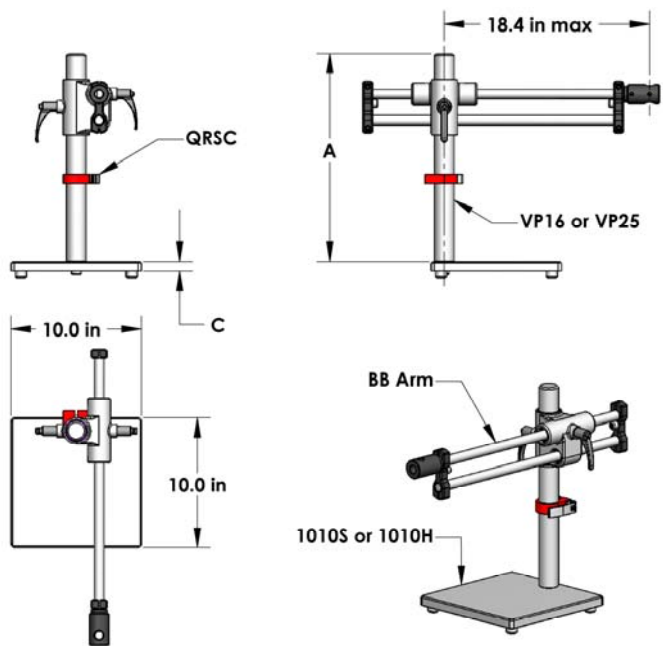
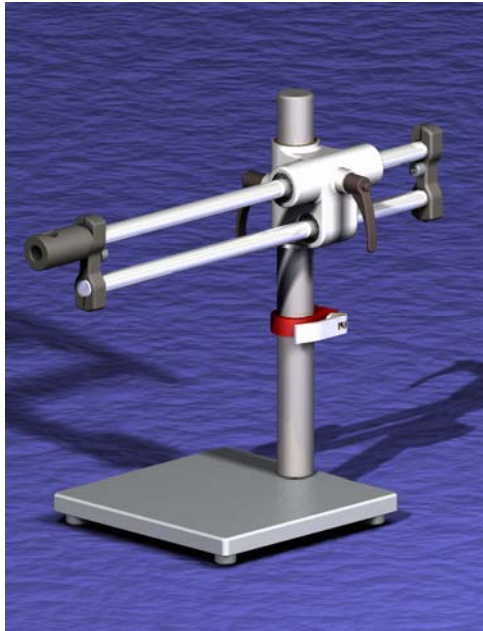
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STANDARD & HEAVY STANDS



Ball Bearing Stand Components

- 1010S 10" x 10" x 3/4" powder coated steel base with four rubber feet, 21 lbs.
- 1010H 10" x 10" x 1 1/4" powder coated steel base with four rubber feet, 35 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 1/2".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1010S-16BB	16	3/4	VP16	1010S BB QRSC
OS1010S-25BB	25	3/4	VP25	
OS1010H-16BB	16	1 1/4	VP16	1010H BB QRSC
OS1010H-25BB	25	1 1/4	VP25	
* Custom length vertical posts available upon request.				

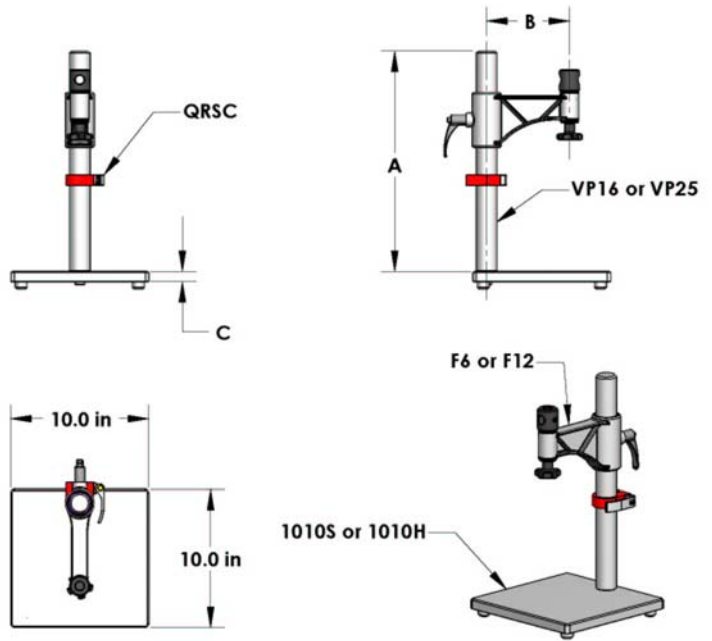
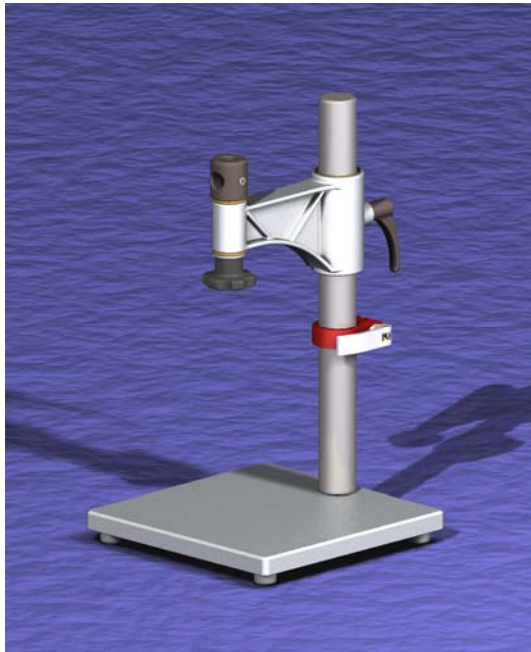
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STANDARD & HEAVY STANDS



Fixed Arm Stand Components

- 1010S 10" x 10" x 3/4" powder coated steel base with four rubber feet, 21 lbs.
- 1010H 10" x 10" x 1 1/4" powder coated steel base with four rubber feet, 35 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	C (in)	Stand Specific Components	Common Components
OS1010S-16F6	16	6	3/4	F6	1010S VP16 QRSC
OS1010S-16F12		12		F12	
OS1010S-25F6	25	6	3/4	F6	1010S VP25 QRSC
OS1010S-25F12		12		F12	
OS1010H-16F6	16	6	1 1/4	F6	1010H VP16 QRSC
OS1010H-16F12		12		F12	
OS1010H-25F6	25	6	1 1/4	F6	1010H VP25 QRSC
OS1010H-25F12		12		F12	

* Custom length vertical posts available upon request.

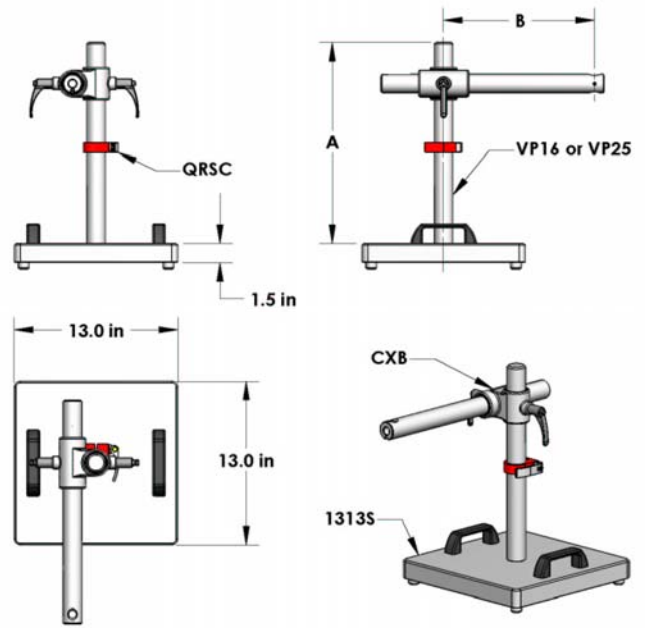
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DELUXE HEAVY STAND



Heavy Standard Stand Components

- 1313S 13" x 13" x 1½" powder coated steel base with four rubber feet, carrying handles, 78 lbs.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- HB18 1 ½" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 ½" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	C (in)	Stand Specific Components	Common Components
OS1313S-1618	16	14.75	1½	VP16, HB18	1313S CXB QRSC
OS1313S-2518	25	14.75	1½	VP25, HB18	
OS1313S-1625	16	21.75	1½	VP16, HB25	
OS1313S-2525	25	21.75	1½	VP25, HB25	
* Custom length vertical posts available upon request.					

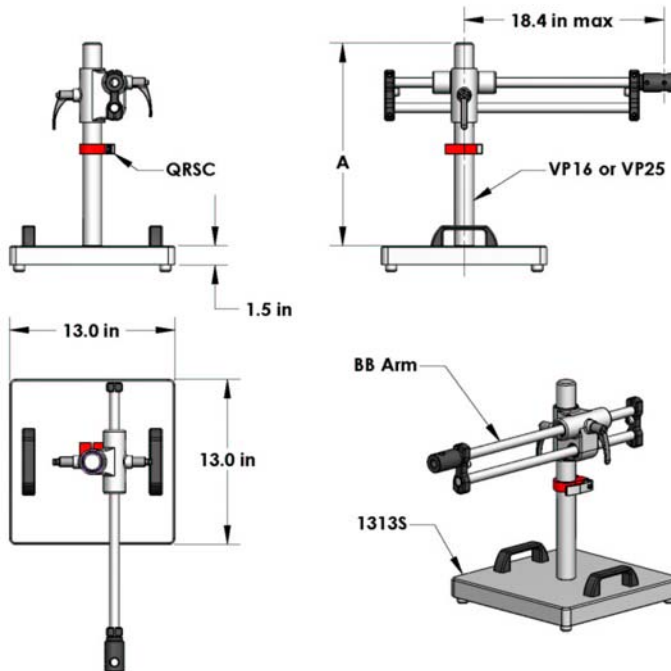
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DELUXE HEAVY BB STAND



Ball Bearing Stand Components

- 1313S 13" x 13" x 1½" powder coated steel base with four rubber feet, carrying handles, 78 lbs.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 ½".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1313S-16BB	16	1½	VP16	1313S BB QRSC
OS1313S-25BB	25	1½	VP25	
* Custom length vertical posts available upon request.				

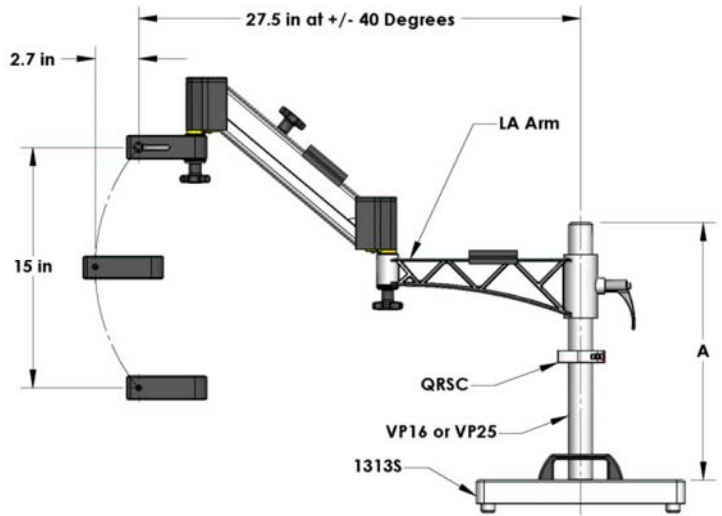
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DELUXE HEAVY LIFT ARM STAND



Heavy Lift Articulating Stand Components

- 1313S 13" x 13" x 1½" powder coated steel base with four rubber feet, carrying handles, 78 lbs.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- LA Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS1313S-16LA	16	VP16	1313S LA
OS1313S-25LA	25	VP25	QRSC
* Custom length vertical posts available upon request.			

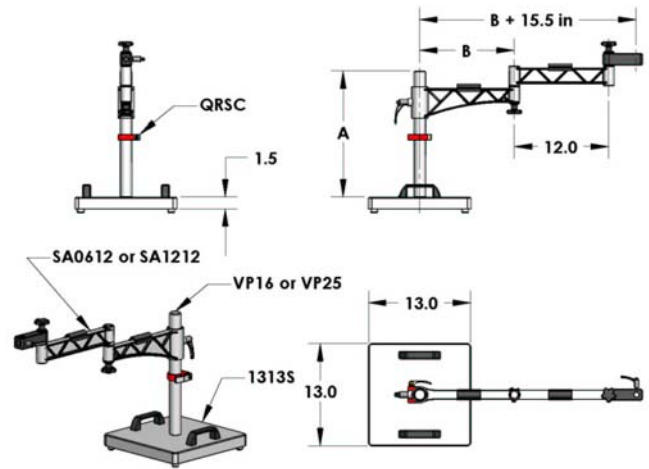
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DELUXE HEAVY SWING ARM STAND



Swing Arm Heavy Stand Components

- 1313S 13" x 13" x 1½" powder coated steel base with four rubber feet, carrying handles, 78 lbs.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- SA0612 Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212 Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Maximum Extension (in)	Stand Specific Components	Common Components
OS1313S-16SA0612	16	6	21.5	VP16, SA0612	1313S QRSC
OS1313S-16SA1212		12	27.5	VP25, SA1212	
OS1313S-25SA0612	25	6	21.5	VP16, SA0612	1313S QRSC
OS1313S-25SA1212		12	27.5	VP25, SA1212	
* Custom length vertical posts available upon request.					

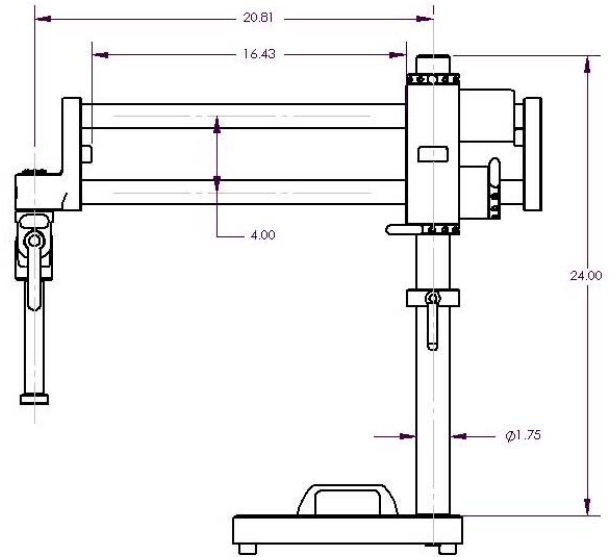
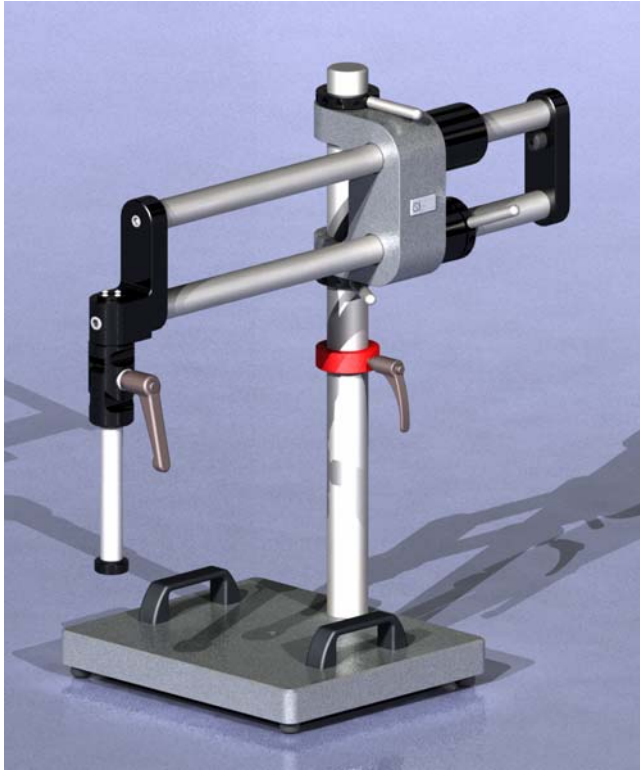
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SUPER DUTY BALL BEARING ARM STAND



SUPER DUTY BALL BEARING ARM

- 1.25 inch diameter stainless steel dual horizontal bars high moment of inertia spacing provides maximum arm stiffness.
- 3 steel incased recirculating linear ball bearings enables “jiggle free” linear movement.
- Dual bronze collet compression rings provide circumferential lock down rigidity along the vertical column.
- Single bronze collet compression ring provide circumferential lock down rigidity along the horizontal boom.
- Super Duty Tilting Adapter provides both rotation about the boom end and tilt parallel to the optics. Available in 20mm, 24.5mm, 32mm, and 50mm posts.
- 1.75 inch diameter column allows for larger microscopes with accessories.
- Recommended for microscopes exceeding 20lbs or 90x magnification through the eyepiece.
- Above diagram shown with 1313S base (base sold separately)

Catalog Number	Description	Travel (in)	Maximum Reach (in)	Arbor Dia. / Arbor Length
50402	Super Duty Ball Bearing Arm with 32mm Tilt Post	16.4	20.8	32 mm / 9.2 in
50419	Super Duty Ball Bearing Arm with 50mm Tilt Post	16.4	20.8	50 mm / 10.0 in
50420	Super Duty Ball Bearing Arm with 24.5mm Tilt Post	16.4	20.8	24.5 mm / 6 in
50421	Super Duty Ball Bearing Arm with 20mm Tilt Post	16.4	20.8	20 mm / 4.2 in

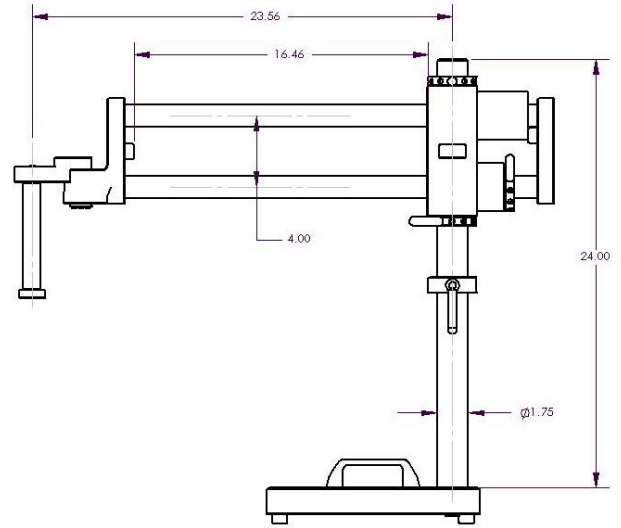
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SUPER DUTY BALL BEARING ARM STAND



SUPER DUTY BALL BEARING ARM

- 1.25 inch diameter stainless steel dual horizontal bars high moment of inertia spacing provides maximum arm stiffness.
- 3 steel incased recirculating linear ball bearings enables “jiggle free” linear movement.
- Dual bronze collet compression rings provide circumferential lock down rigidity along the vertical column.
- Single bronze collet compression ring provide circumferential lock down rigidity along the horizontal boom.
- Super Duty Fixed Adapter provides rotation about the boom end. Available in 20mm, 24.5mm, 32mm, and 50mm posts.
- 1.75 inch diameter column allows for larger microscopes with accessories.
- Recommended for microscopes exceeding 20lbs or 90x magnification to the eyepiece.
- Above diagram shown with 1313S base (base sold separately)

Catalog Number	Description	Travel (in)	Maximum Reach (in)	Arbor Dia. / Arbor Length
50422	Super Duty Ball Bearing Arm with 32mm Post	16.4	23.5	32 mm / 9.2 in
50423	Super Duty Ball Bearing Arm with 50mm Post	16.4	23.5	24.5 mm / 6 in
50424	Super Duty Ball Bearing Arm with 24.5mm Post	16.4	23.5	20 mm / 4.2 in
50425	Super Duty Ball Bearing Arm with 20mm Post	16.4	23.5	50 mm / 10.0 in

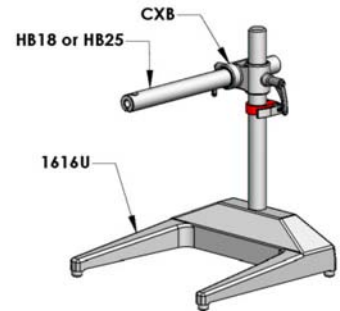
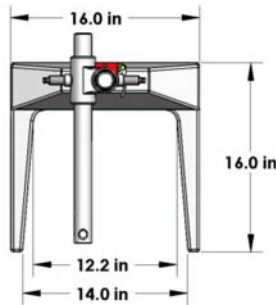
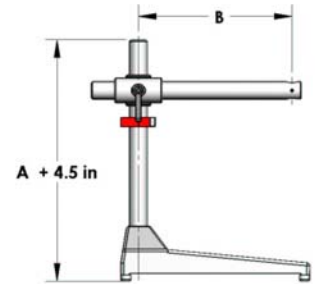
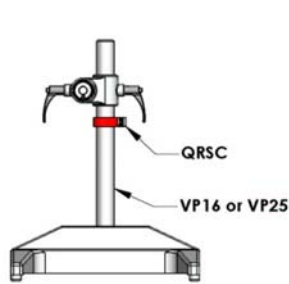
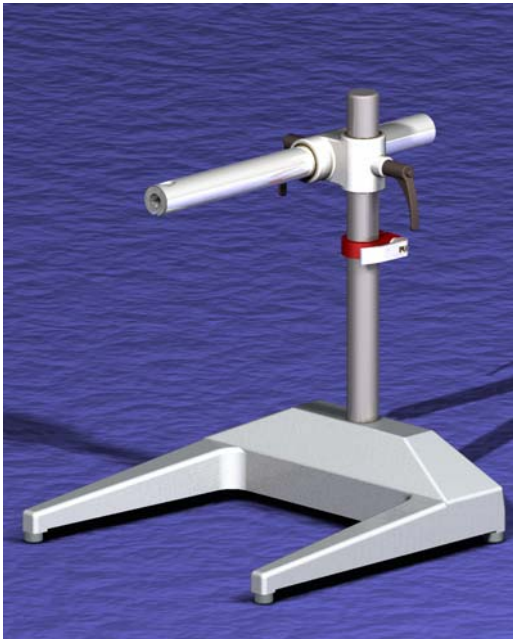
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U-BASE STANDS



U-Base Stand Components

- 1616U 16" x 16" powder coated cast aluminum base with four rubber feet, 8 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- HB18 1 1/2" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 1/2" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	C (in)	Stand Specific Components	Common Components
OS1616U-1618	16	14.75	3/4	VP16, HB18	1616U CXB QRSC
OS1616U-2518	25	14.75	3/4	VP25, HB18	
OS1616U-1625	16	21.75	3/4	VP16, HB25	
OS1616U-2525	25	21.75	3/4	VP25, HB25	

* Custom length vertical posts available upon request.

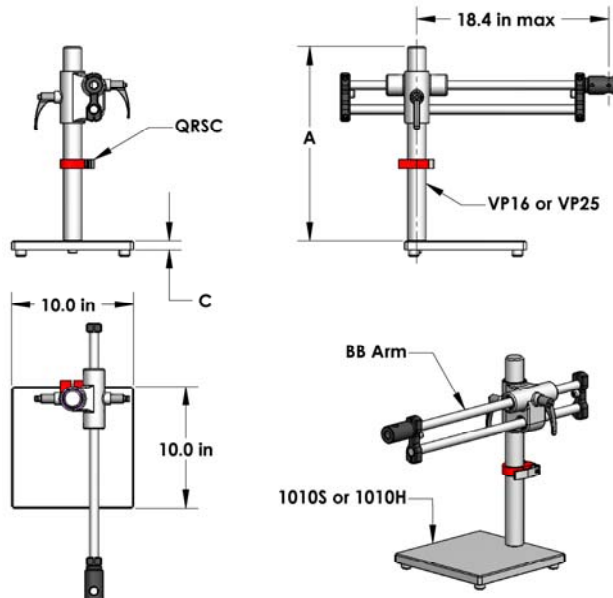
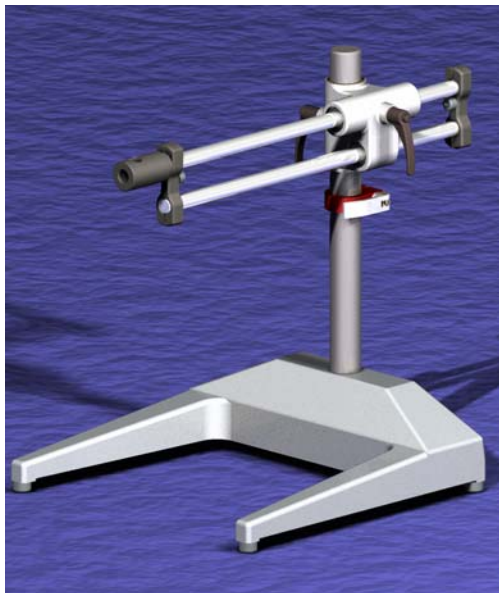
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U-BASE STANDS



Ball Bearing U-Base Stand Components

- 1616U 16" x 16" powder coated cast aluminum base with four rubber feet, 8 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 1/2".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1616U-16BB	16	3/4	VP16	1616U BB
OS1616U-25BB	25	3/4	VP25	QRSC
* Custom length vertical posts available upon request.				

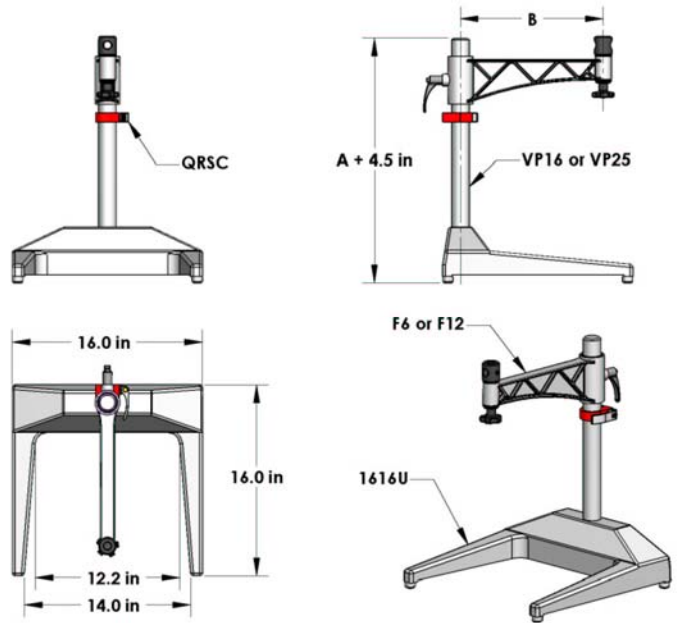
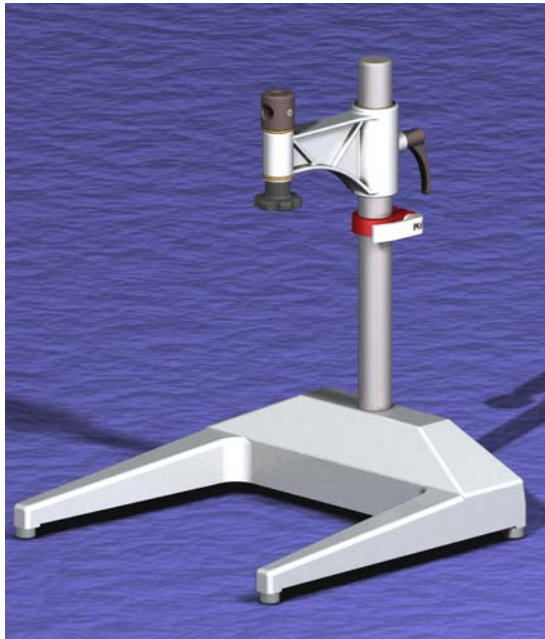
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U-BASE STANDS



Fixed Arm U-Base Stand Components

- 1616U 16" x 16" powder coated cast aluminum base with four rubber feet, 8 lbs.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1616U-16F6	16	6	F6	1616U
OS1616U-16F12	16	12		VP16
OS1616U-25F6	25	6	F12	QRSC
OS1616U-25F12	25	12		1616U
* Custom length vertical posts available upon request.				

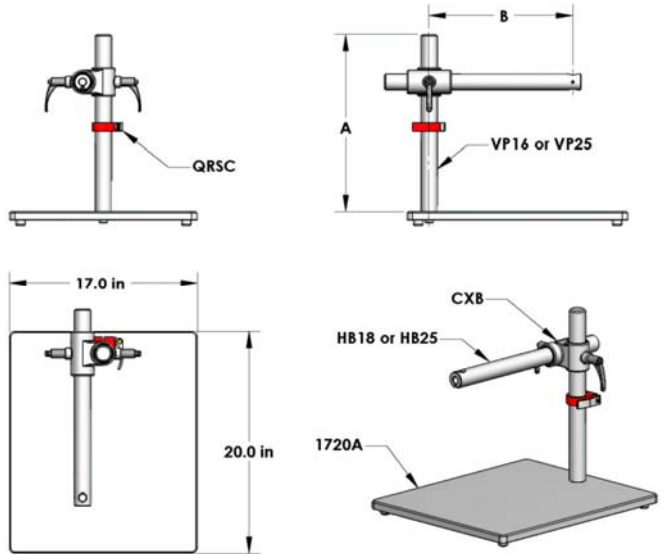
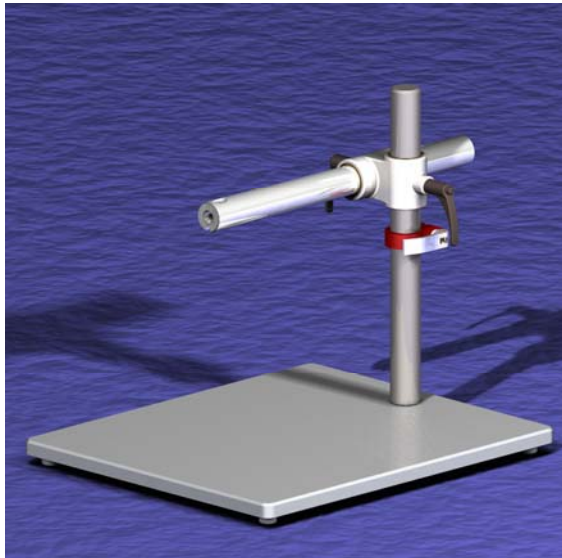
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WORKSTATION STANDS



Workstation Stand Components

- 1720A 17" x 20" x 3/4" powder coated aluminum base with four rubber feet, 27 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- HB18 1 1/2" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 1/2" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1720A-1618	16	14.75	VP16, HB18	1720A CXB QRSC
OS1720A-2518	25	14.75	VP25, HB18	
OS1720A-1625	16	21.75	VP16, HB25	
OS1720A-2525	25	21.75	VP25, HB25	
* Custom length vertical posts available upon request.				

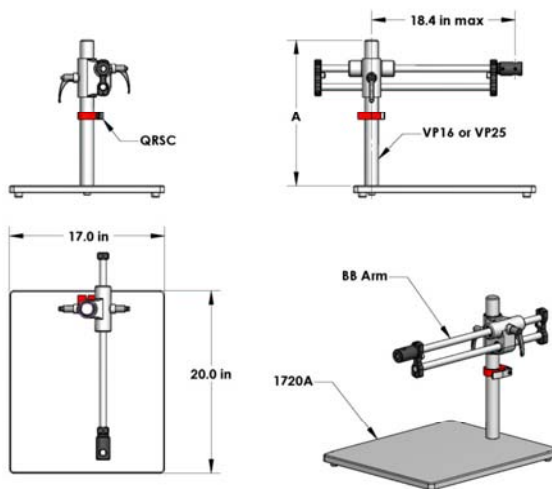
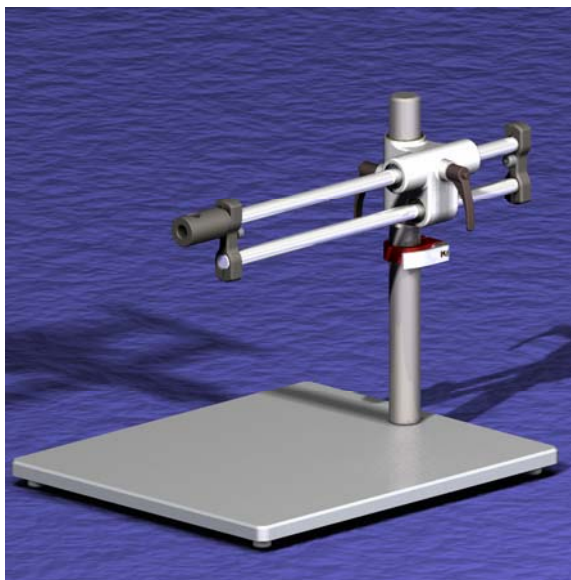
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WORKSTATION STANDS



Ball Bearing Workstation Stand Components

- 1720A 17" x 20" x 3/4" powder coated aluminum base with four rubber feet, 27 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 1/2".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS1720A-16BB	16	VP16	1720A BB
OS1720A-25BB	25	VP25	QRSC
* Custom length vertical posts available upon request.			

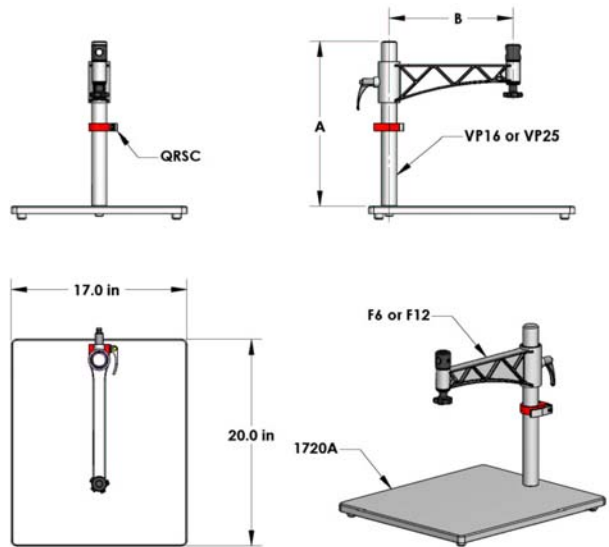
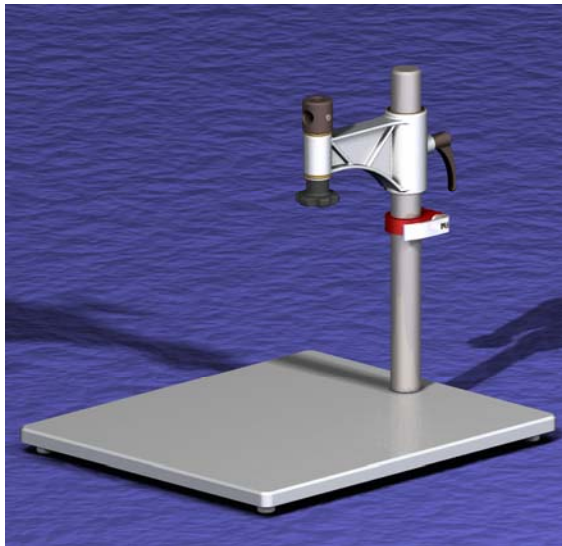
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WORKSTATION STANDS



Fixed Arm Workstation Stand Components

- 1720A 17" x 20" x 3/4" powder coated aluminum base with four rubber feet, 27 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS1720A-16F6	16	6	F6	1720A VP16 QRSC
OS1720A-16F12		12	F12	
OS1720A-25F6	25	6	F6	1720A VP25 QRSC
OS1720A-25F12		12	F12	
* Custom length vertical posts available upon request.				

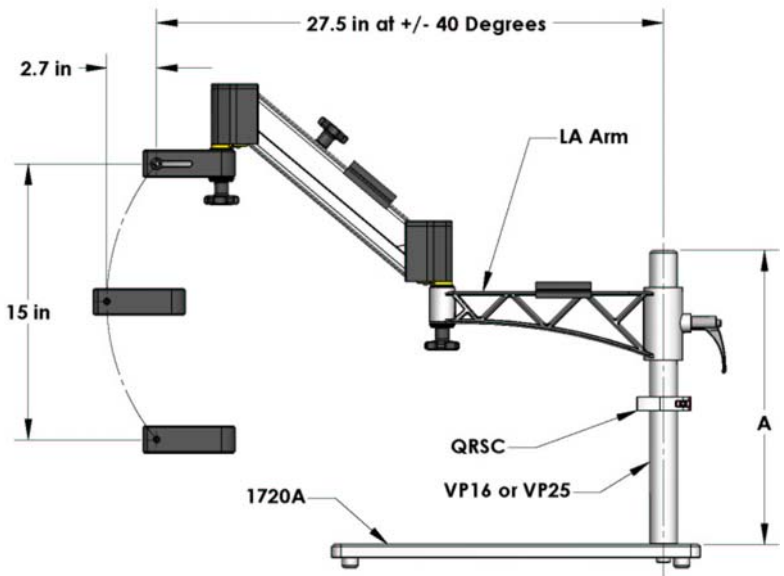
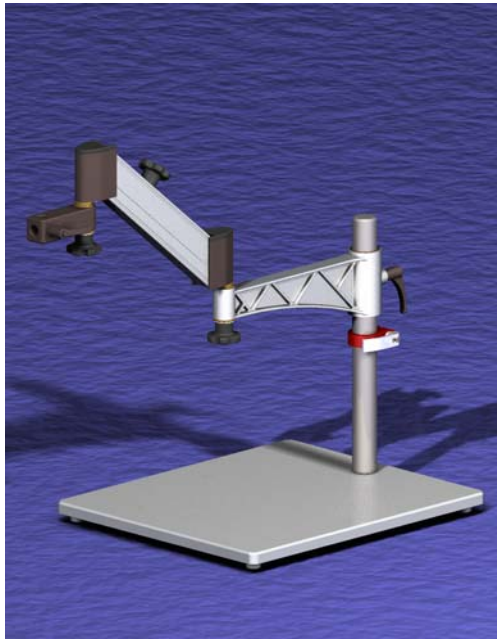
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WORKSTATION STANDS



Lift Articulating Workstation Stand Components

- 1720A 17" x 20" x 3/4" powder coated aluminum base with four rubber feet, 27 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- LA Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS1720A-16LA	16	VP16	1720A LA
OS1720A-25LA	25	VP25	QRSC
* Custom length vertical posts available upon request.			

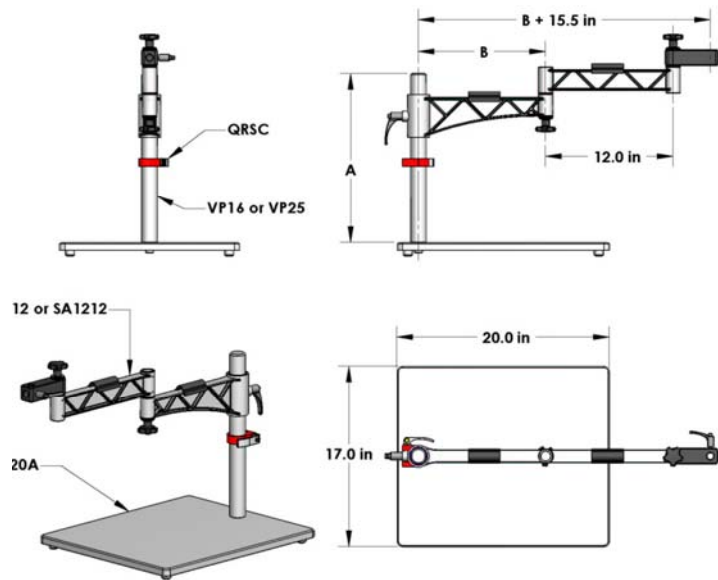
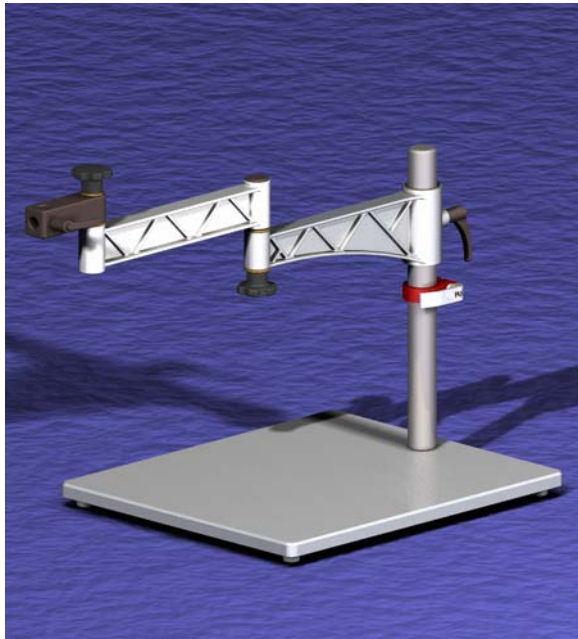
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WORKSTATION STANDS



Swing Arm Workstation Stand Components

- 1720A 17" x 20" x 3/4" powder coated aluminum base with four rubber feet, 27 lbs.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- SA0612 Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212 Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Maximum Extension (in)	Stand Specific Components	Common Components
OS1720A-16SA0612	16	6	21.5	VP16, SA0612	1720A QRSC
OS1720A-16SA1212		12	27.5	VP25, SA1212	
OS1720A-25SA0612	25	6	21.5	VP16, SA0612	1720A QRSC
OS1720A-25SA1212		12	27.5	VP25, SA1212	
* Custom length vertical posts available upon request.					

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TABLE MOUNT STANDS

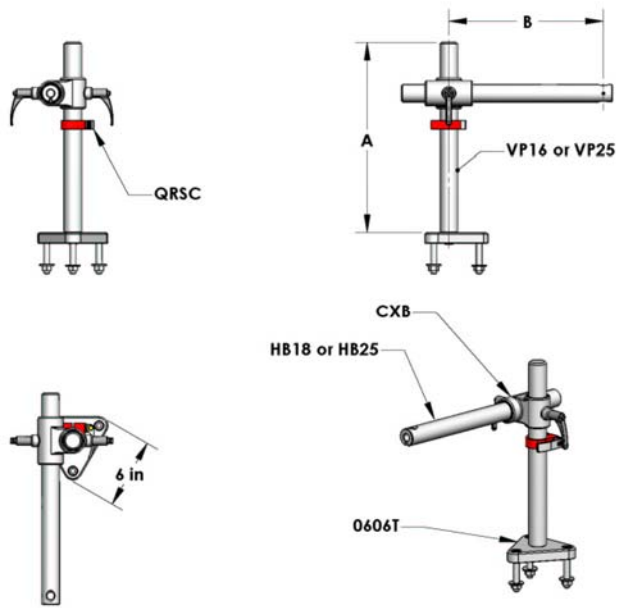
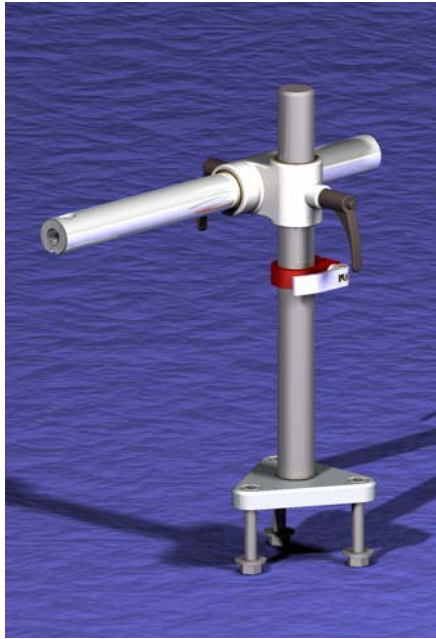


Table Mount Stand Components

- 0606T** 6" face triangular aluminum base for mounting to a table top. Includes three (3) 3" long 1/2-13 UNC bolts, nuts, washers.
- VP16** 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25** 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- HB18** 1 1/2" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25** 1 1/2" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC** Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB** Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606T-1618	16	14.75	VP16, HB18	0606T, QRSC,CXB
OS0606T-1625	16	21.75	VP16, HB25	
OS0606T-2518	25	14.75	VP25, HB18	0606T, QRSC,CXB
OS0606T-2525	25	21.75	VP25, HB25	
* Custom length vertical posts available upon request.				

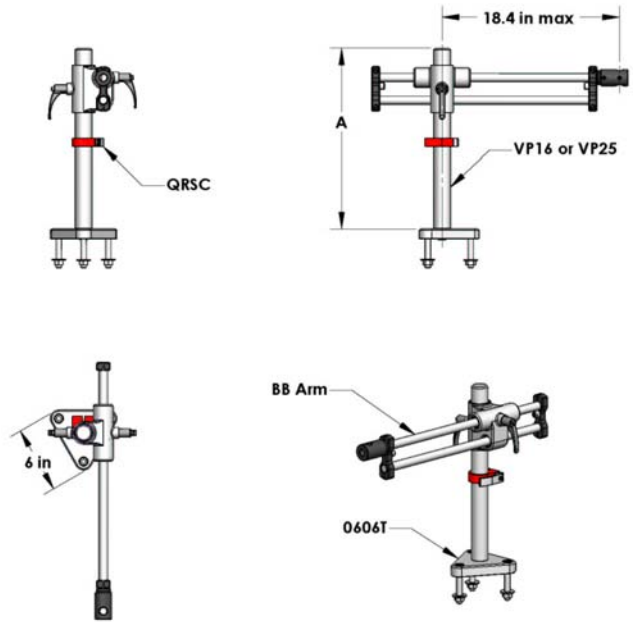
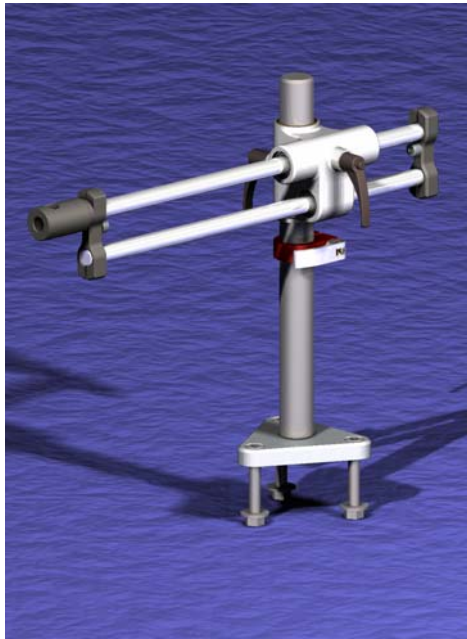
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TABLE MOUNT STANDS



Ball Bearing Arm Table Mount Stand Components

- 0606T 6" face triangular aluminum base for mounting to a table top. Includes three (3) 3" x 1/2 -13 UNC bolts, nuts, washers.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post with a 1/2-13 UNC mounting bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post with a 1/2-13 UNC mounting bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 1/2".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS0606T-16BB	16	VP16	0606T
OS0606T-25BB	25	VP25	BB
* Custom length vertical posts available upon request.			

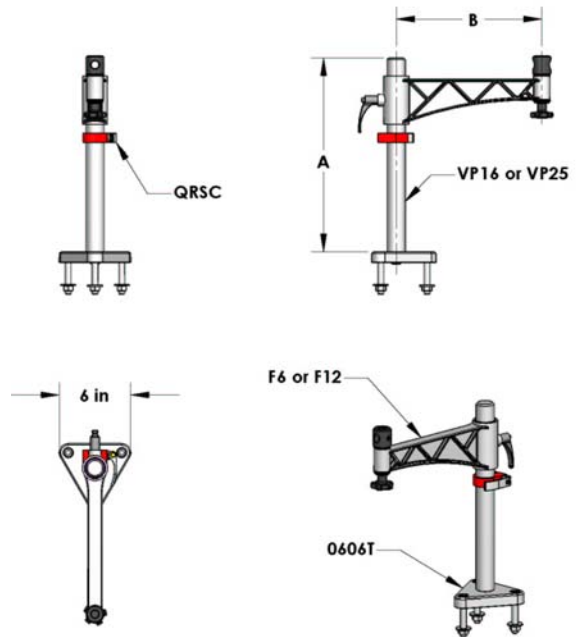
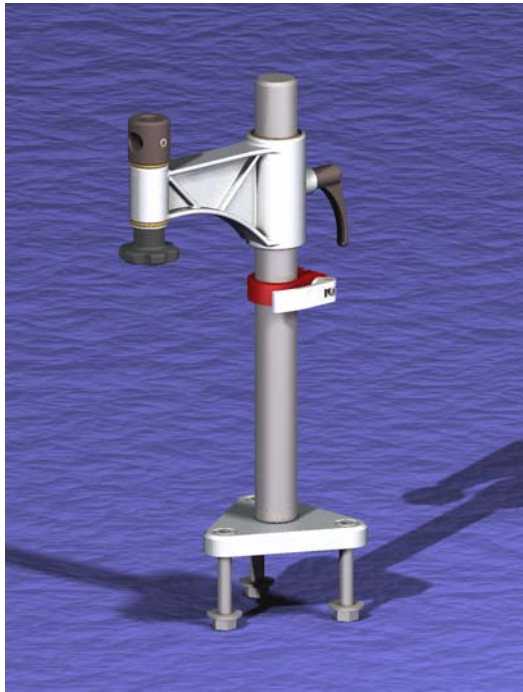
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TABLE MOUNT STANDS



Fixed Arm Table Mount Stand Components

- 0606T 6" face triangular aluminum base for mounting to a table top. Includes three (3) 3" x 1/2 -13 UNC bolts, nuts, washers.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606T-16F6	16	6	F6	0606T
OS0606T-16F12		12	F12	VP16 QRSC
OS0606T-25F6	25	6	F6	0606T
OS0606T-25F12		12	F12	VP25 QRSC
* Custom length vertical posts available upon request.				

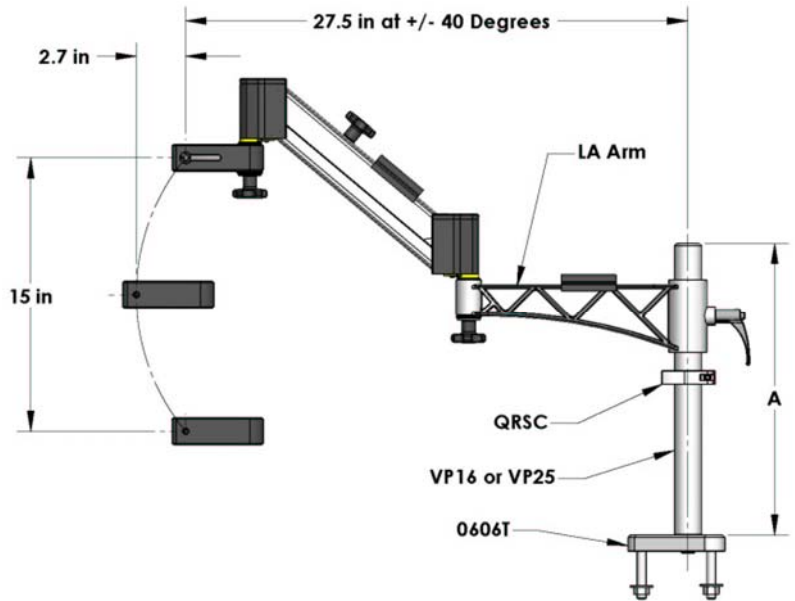
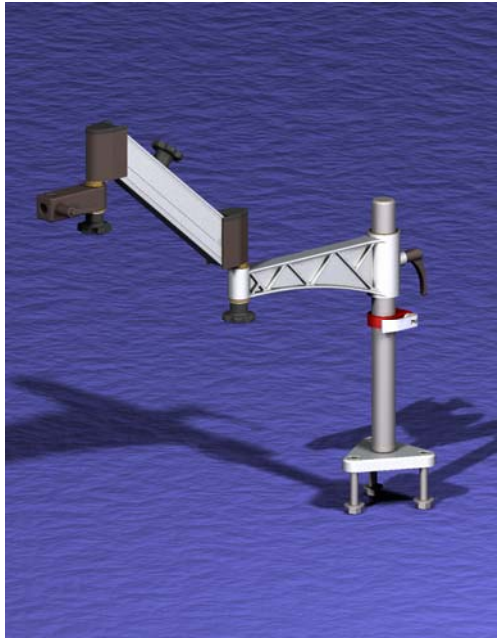
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TABLE MOUNT STANDS



Lift Articulating Table Mount Stand Components

- 0606T** 6" face triangular aluminum base for mounting to a table top. Includes three (3) 3" x 1/2 -13 UNC bolts, nuts, washers.
- VP16** 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25** 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- LA** Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC** Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS0606T-16LA	16	VP16	0606T LA QRSC
OS0606T-25LA	25	VP25	
* Custom length vertical posts available upon request.			

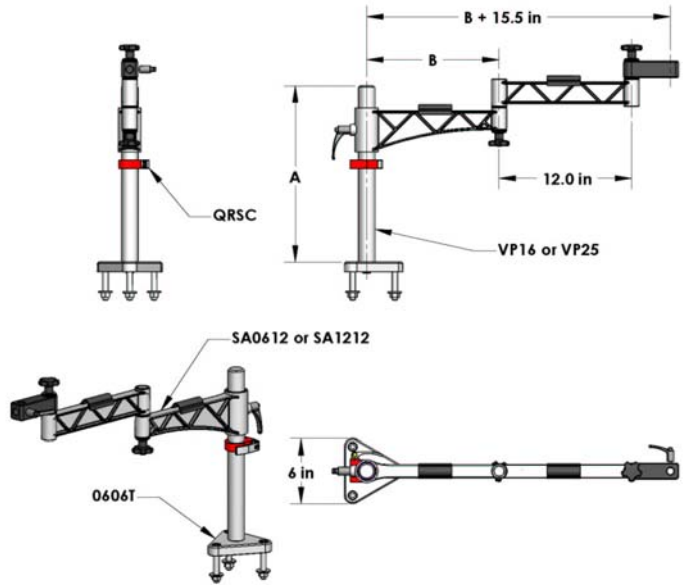
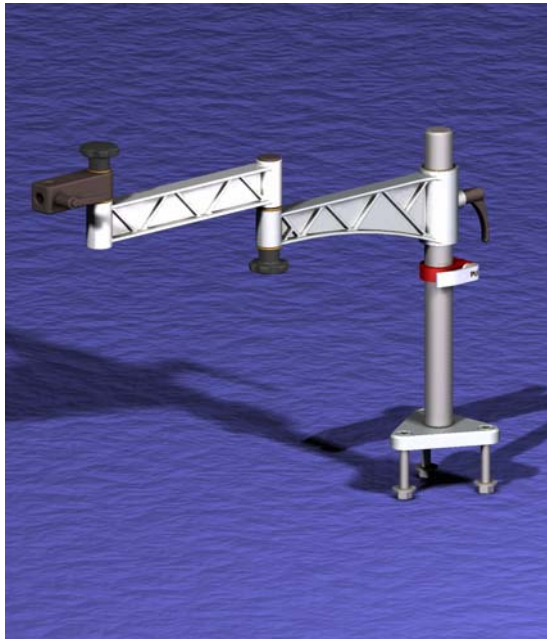
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TABLE MOUNT STANDS



Swing Arm Table Mount Stand Components

- 0606T 6" face triangular aluminum base for mounting to a table top. Includes three (3) 3" x 1/2"-13 UNC bolts, nuts, washers.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2"-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2"-13 UNC bolt.
- SA0612 Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212 Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606T-16SA0612	16	6	VP16, SA0612	0606T
OS0606T-16SA1212		12	VP25, SA1212	QRSC
OS0606T-25SA0612	25	6	VP16, SA0612	0606T
OS0606T-25SA1212		12	VP25, SA1212	QRSC
* Custom length vertical posts available upon request.				

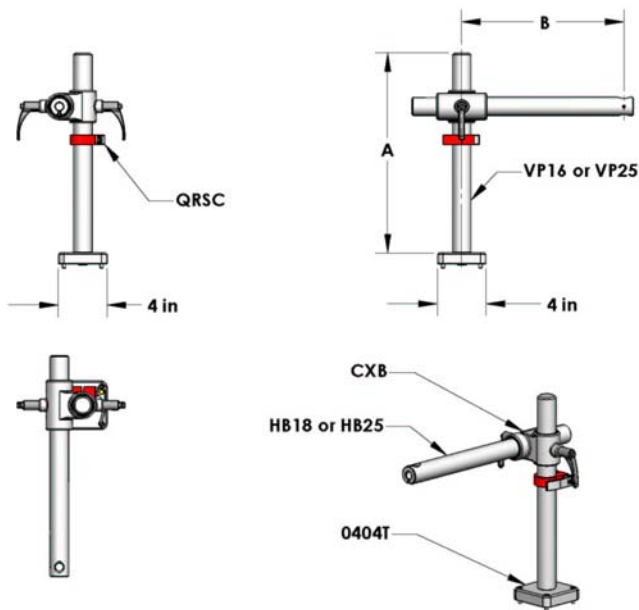
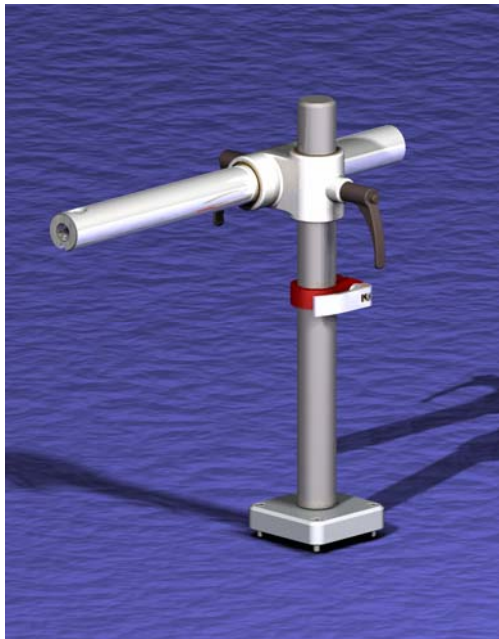
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BREAD BOARD STANDS



Bread Board Stand Components

- 0404T 4" x 4" x 3/4" powder coated aluminum base for standard optical bench breadboard with 1/4-20 clearance holes on 1" centers. Includes four (4) stainless steel 1/4-20 screws.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- HB18 1 1/2" diameter x 18" long keyed anodized aluminum horizontal bar w/ industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 1/2" diameter x 25" long keyed anodized aluminum horizontal bar w/ industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0404T-1618	16	14.75	VP16, HB18	0404T CXB QRSC
OS0404T-1625	16	21.75	VP25, HB18	
OS0404T-2518	25	14.75	VP16, HB25	
OS0404T-2525	25	21.75	VP25, HB25	
* Custom length vertical posts available upon request.				

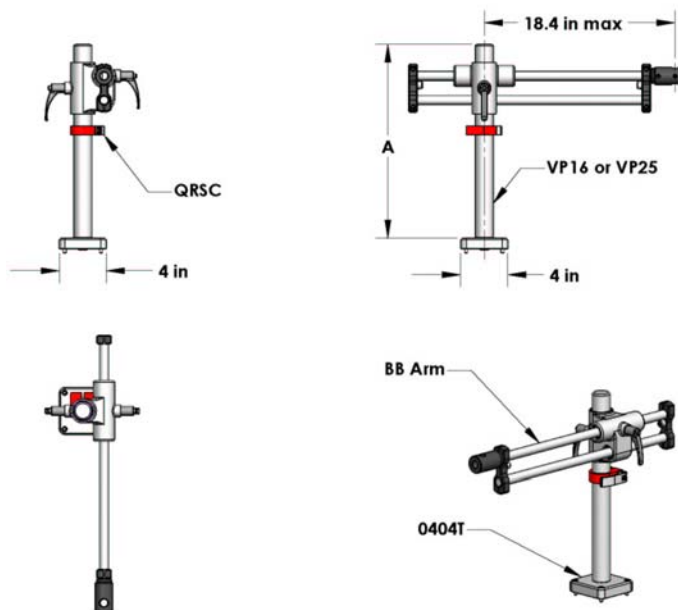
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BREAD BOARD STANDS



Ball Bearing Bread Board Stand Components

- 0404T 4" x 4" x 3/4" powder coated aluminum base for standard optical bench breadboard with 1/4-20 clearance holes on 1" centers. Includes four (4) stainless steel 1/4-20 screws.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 1/2".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS0404T-16BB	16	VP16	0404T BB QRSC
OS0404T-25BB	25	VP25	
* Custom length vertical posts available upon request.			

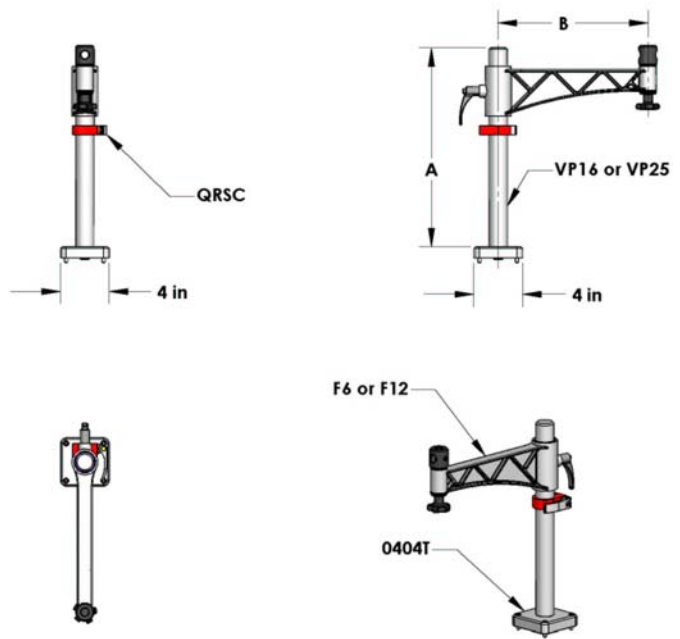
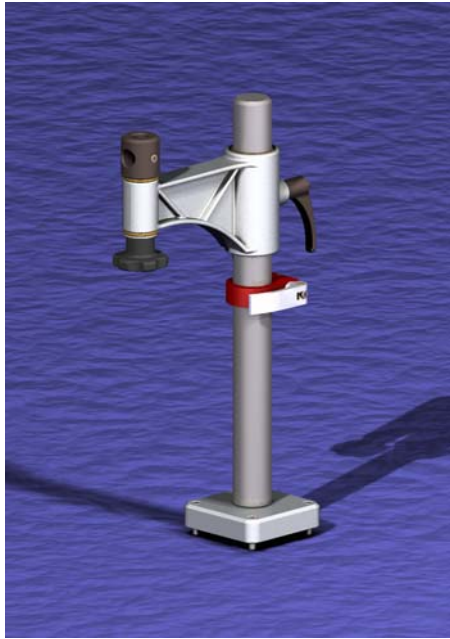
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BREAD BOARD STANDS



Fixed Arm Bread Board Stand Components

- 0404T 4" x 4" x 3/4" powder coated aluminum base for standard optical bench breadboard with 1/4-20 clearance holes on 1" centers. Includes four (4) stainless steel 1/4-20 screws.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0404T-16F6	16	6	F6	0404T VP16 QRSC
OS0404T-16F12		12	F12	
OS0404T-25F6	25	6	F6	0404T VP25 QRSC
OS0404T-25F12		12	F12	

* Custom length vertical posts available upon request.

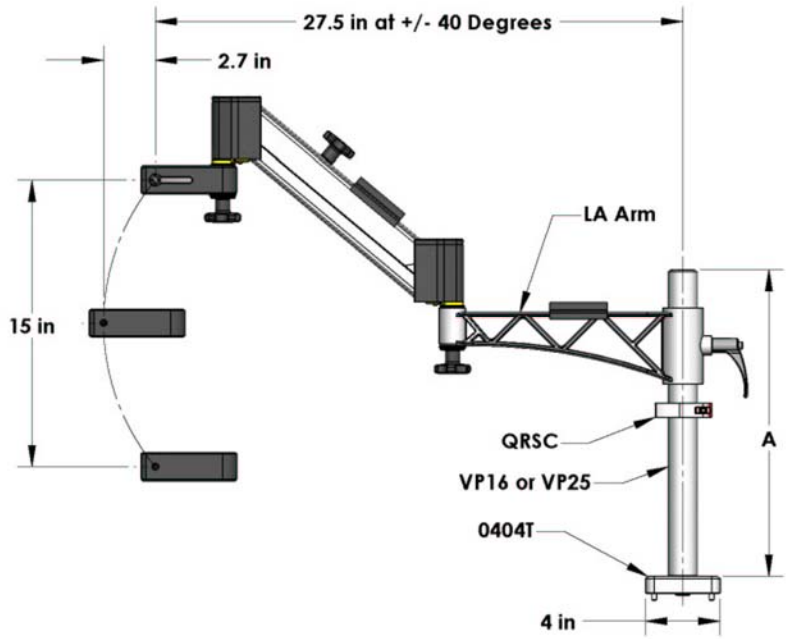
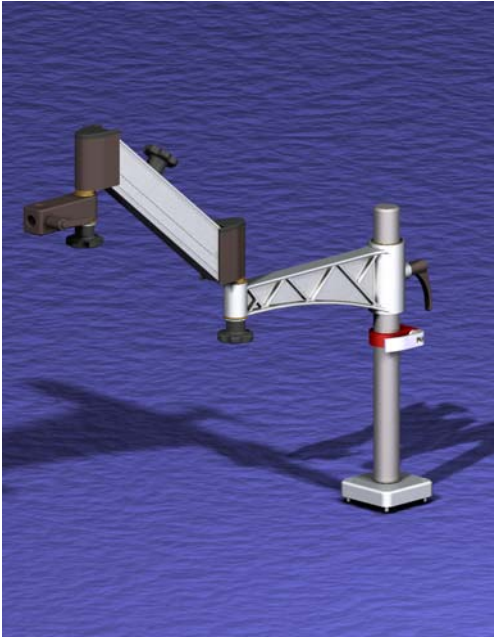
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BREAD BOARD STANDS



Lift Articulating Bread Board Stand Components

- 0404T 4" x 4" x 3/4" powder coated aluminum base for standard optical bench breadboard with 1/4-20 clearance holes on 1" centers. Includes four (4) stainless steel 1/4-20 screws.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- LA Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS0404T-16LA	16	VP16	0404T LA
OS0404T-25LA	25	VP25	QRSC
* Custom length vertical posts available upon request.			

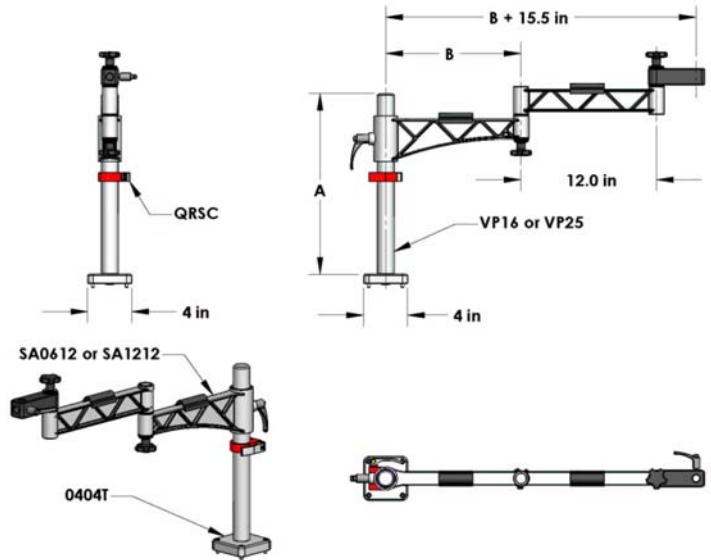
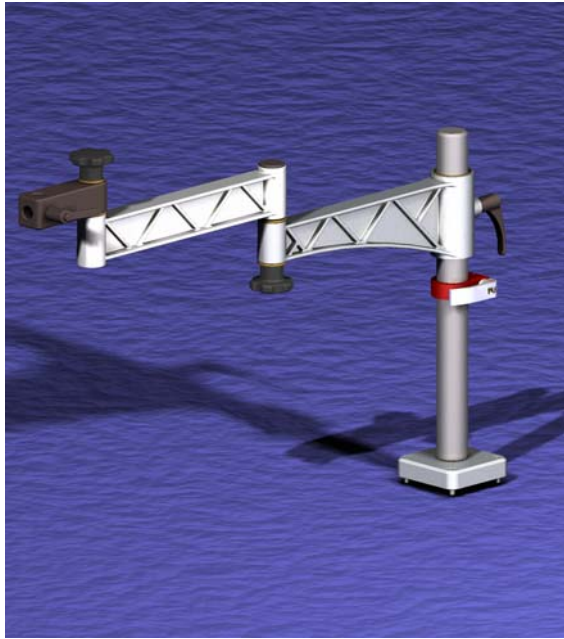
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BREAD BOARD STANDS



Swing Arm Bread Board Stand Components

- 0404T 4" x 4" x 3/4" powder coated aluminum base for standard optical bench breadboard with 1/4-20 clearance holes on 1" centers. Includes four (4) stainless steel 1/4-20 screws.
- VP16 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- SA0612 Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212 Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0404T-16SA0612	16	6	VP16, SA0612	0404T QRSC
OS0404T-16SA1212		12	VP25, SA1212	
OS0404T-25SA0612	25	6	VP16, SA0612	0404T QRSC
OS0404T-25SA1212		12	VP25, SA1212	
* Custom length vertical posts available upon request.				

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TABLE CLAMP STANDS

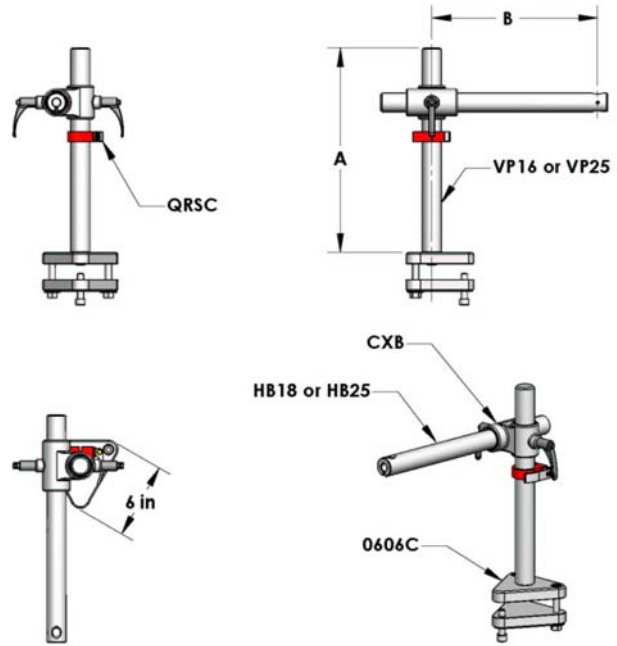
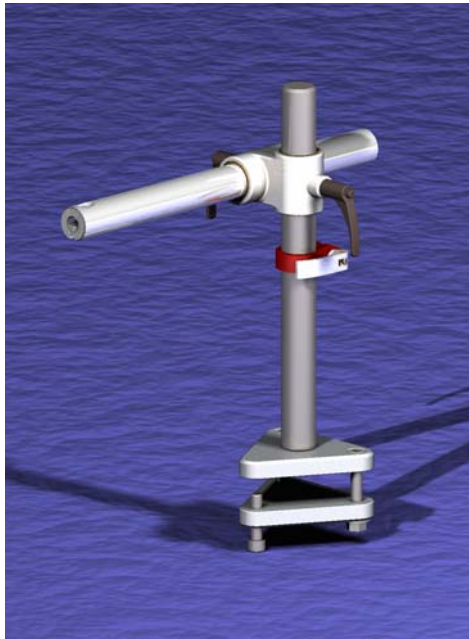


Table Clamp Stand Components

- 0606C 6" face triangular aluminum base for clamping to a table top with two (2) 3" ½ -13 UNC socket head cap screws as spanner bolts which allow for a snug fit to any table thickness.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- HB18 1 ½" diameter x 18" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- HB25 1 ½" diameter x 25" long keyed anodized aluminum horizontal bar with industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.
- CXB Cast aluminum, powder coated cross block with bronze bushings and adjustable handles.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606C-1618	16	14.75	VP16, HB18	0606C CXB QRSC
OS0606C-2518	25	14.75	VP25, HB18	
OS0606C-1625	16	21.75	VP16, HB25	
OS0606C-2525	25	21.75	VP25, HB25	
* Custom length vertical posts available upon request.				

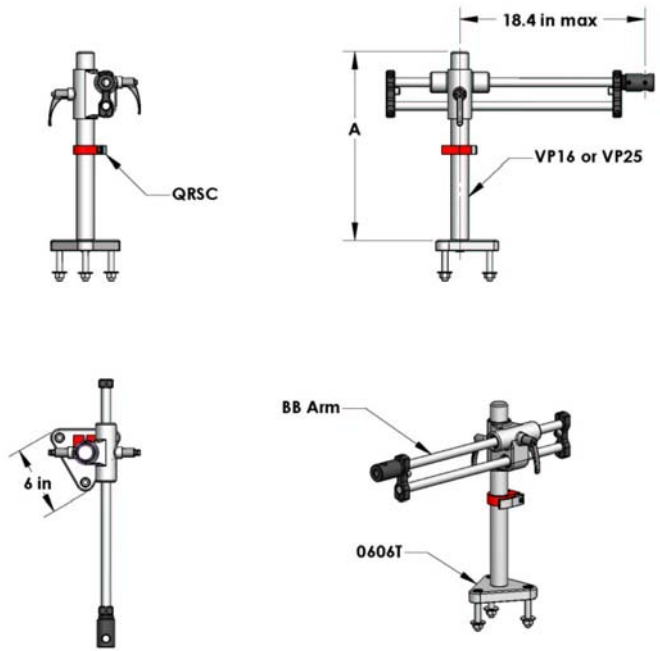
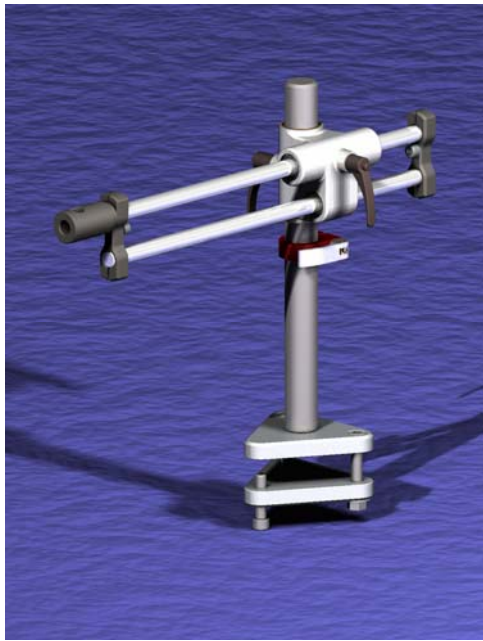
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TABLE CLAMP STANDS



Ball Bearing Table Clamp Stand Components

- 0606C 6" face triangular aluminum base for clamping to a table top with two (2) 3" ½ -13 UNC socket head cap screws as spanner bolts which allow for a snug fit to any table thickness.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- BB Cast aluminum, powder coated cross block featuring bronze bushings for the vertical axis and Thomson® linear ball bearings and dual hardened stainless steel shafting for the horizontal axis. Includes industry standard 5/8" "Bonder Pin" hole for end on, above or below mounting. Total horizontal motion 12 ½".
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Part Number	A* (in)	Stand Specific Components	Common Components
OS0606C-16BB	16	VP16	0606C BB QRSC
OS0606C-25BB	25	VP25	
* Custom length vertical posts available upon request.			

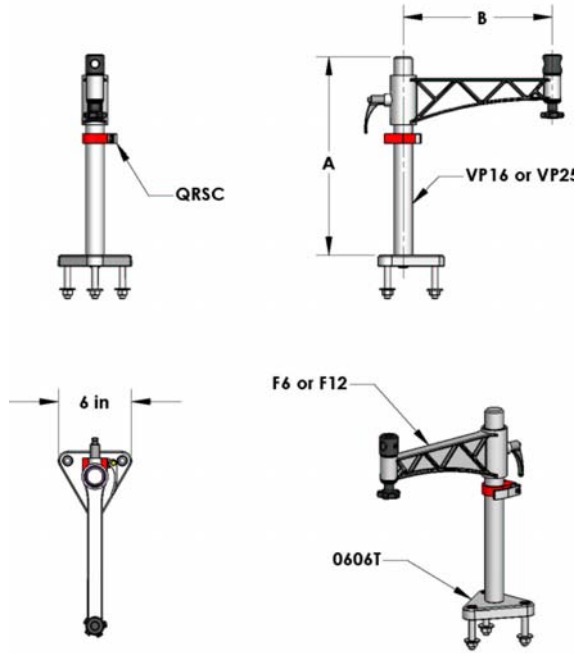
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TABLE CLAMP STANDS



Fixed Arm Table Clamp Stand Components

- 0606C 6" face triangular aluminum base for clamping to a table top with two (2) 3" ½ -13 UNC socket head cap screws as spanner bolts which allow for a snug fit to any table thickness.
- VP16 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- F6 6" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- F12 12" reach Cast aluminum fixed distance boom. Allows rotation of "Bonder Pin" mounting holes to rotate around a vertical axis. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606C-16F6	16	6	F6	0606C VP16 QRSC
OS0606C-16F12		12	F12	
OS0606C-25F6	25	6	F6	0606C VP25 QRSC
OS0606C-26F12		12	F12	
* Custom length vertical posts available upon request.				

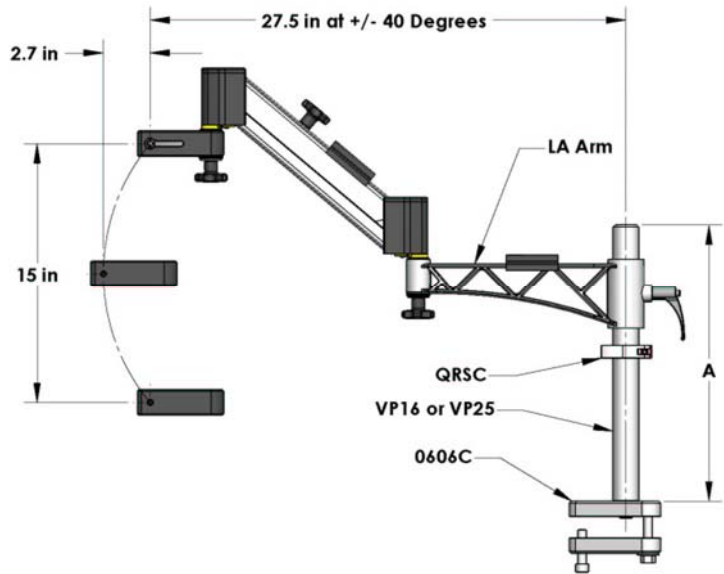
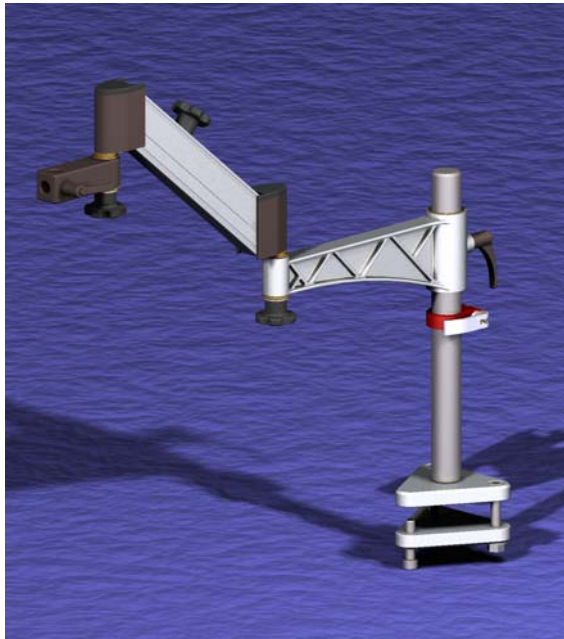
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TABLE CLAMP STANDS



Lift Articulating Table Clamp Stand Components

- 0606C** 6" face triangular aluminum base for clamping to a table top with two (2) 3" ½ -13 UNC socket head cap screws as spanner bolts which allow for a snug fit to any table thickness.
- VP16** 1 ½" diameter x 16" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- VP25** 1 ½" diameter x 25" long stainless steel vertical post drilled to accept ½-13 UNC bolt.
- LA** Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC** Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components	Common Components
OS0606C-16LA	16	VP16	0606C LA QRSC
OS0606C-25LA	25	VP25	
* Custom length vertical posts available upon request.			

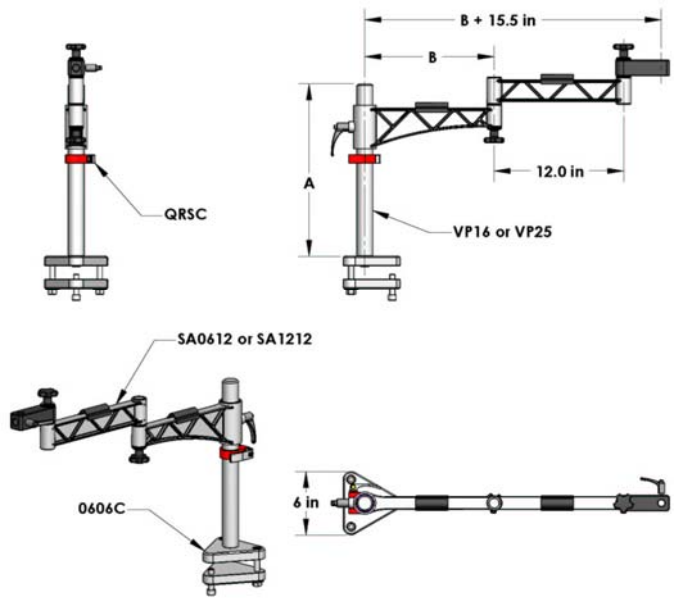
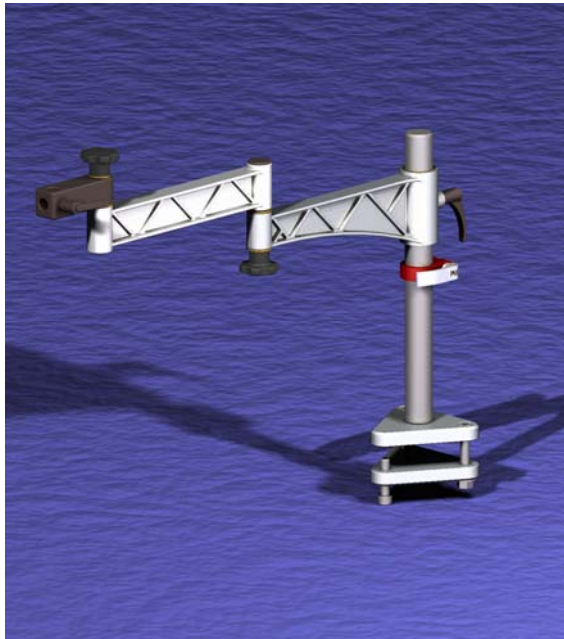
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TABLE CLAMP STANDS



Swing Arm Table Clamp Stand Components

- 0606C** 6" face triangular aluminum base for clamping to a table top with two (2) 3" 1/2 -13 UNC socket head cap screws as spanner bolts which allow for a snug fit to any table thickness.
- VP16** 1 1/2" diameter x 16" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- VP25** 1 1/2" diameter x 25" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- SA0612** Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Features cast aluminum dual I-beam construction. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212** Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC** Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Stand Specific Components	Common Components
OS0606C-16SA0612	16	6	VP16, SA0612	0606C QRSC
OS0606C-16SA1212	25	12	VP25, SA1212	
OS0606C-25SA0612	16	6	VP16, SA0612	0606C QRSC
OS0606C-25SA1212	25	12	VP25, SA1212	
* Custom length vertical posts available upon request.				

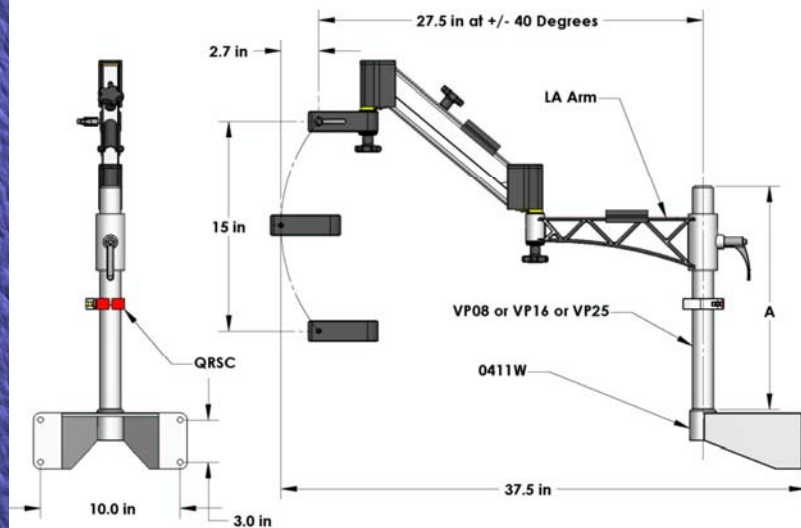
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WALL MOUNT STANDS



Lift Articulating Arm with Wall Mount Components

- 0411W Steel Wall mount, 4" x 10" spaced mounting holes. Presents a large stable surface for mounting to a vertical surface.
 Wall Mount Adapters for mounting to 16" on center studs are available upon request
- VP08 1 1/2" diameter x 8" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- LA Lift Articulating Boom Arm, approx. 30" maximum horizontal reach, approx. 15" vertical travel, ± 40° movement from horizontal, adjustable gas spring counter balance allows "free floating" of 0 – 20 lbs. Ambidextrous vertical position lock. Gas spring provides controlled "safe" lift and decent. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	Stand Specific Components
OS0411W-08LA	08	VP08, 0411W, LA, QRSC
* Custom length vertical posts available upon request.		

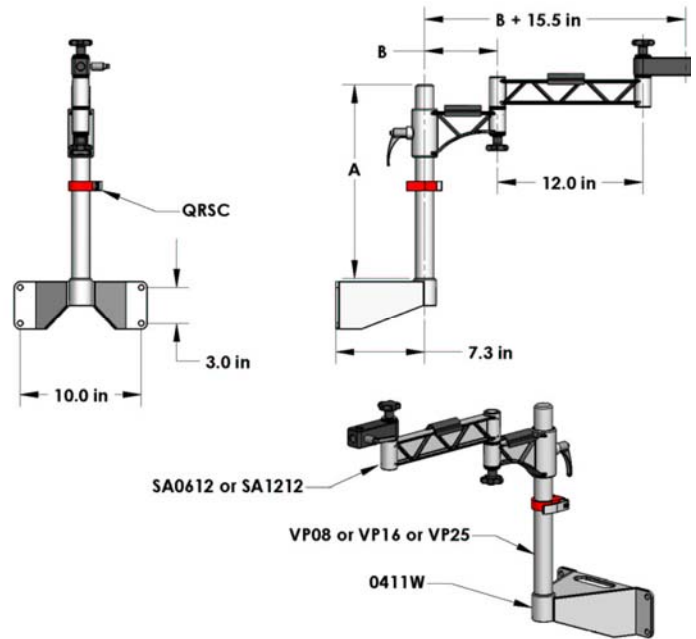
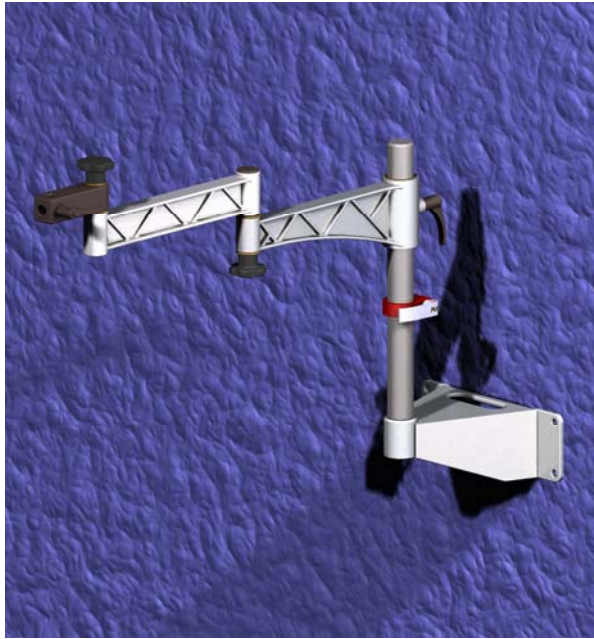
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WALL MOUNT STANDS



Swing Arm with Wall Mount Components

- 0411W Steel Wall mount, 3" x 10" spaced mounting holes. Presents a large stable surface for mounting to a vertical surface.
** Wall Mount Adapters for mounting to 16" on center studs are available upon request **
- VP08 1 1/2" diameter x 08" long stainless steel vertical post drilled to accept 1/2-13 UNC bolt.
- SA0612 Swing Boom Arm, approx. 21.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Features cast aluminum dual I-beam construction. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- SA1212 Swing Boom Arm, approx. 27.5" maximum horizontal extension, measured from center to center of the vertical post to the "bonder pin" mount. This arm allows the arm to be swing at four pivot points. Each pivot point maybe locked individually. Accepts the industry standard 5/8" "Bonder Pin" mounted end on, above or below the bar.
- QRSC Red anodized aluminum safety clamp featuring a clear anodized aluminum quick release handle incorporating all stainless steel and brass hardware.

Assembly Number	A* (in)	B (in)	Maximum Extension (in)	Stand Specific Components	Common Components
OS0411W-08SA0612	8	6	21.5	SA0612	VP08 0311W
OS0411WC-08SA1212	8	12	27.5	SA1212	QRSC
* Custom length vertical posts available upon request.					

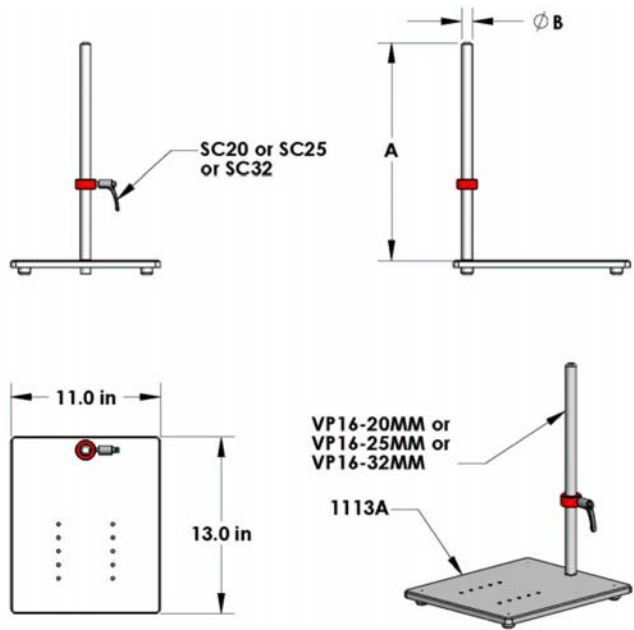
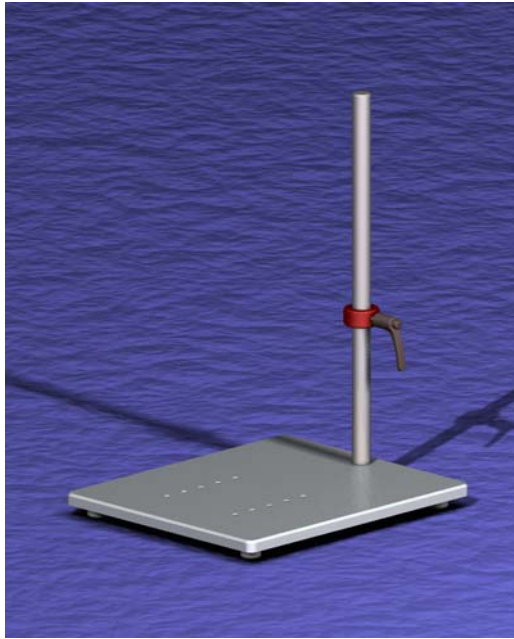
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ECONOMY STANDS



Economy Stand Components

- 1113A Aluminum, powder coated base. Outside dimensions – 11” x 13” x 1/2 “ - 8 lbs. Includes 10 ¼-20 tapped holes for mounting X-Y stages.
- VP16-20 16 inch long x 20 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- VP16-25 16 inch long x 24.5 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- VP16-32 16 inch long x 32 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- SC-20 Safety Ring for VP16-20, Red Anodized.
- SC-25 Safety Ring for VP16-25, Red Anodized.
- SC-32 Safety Ring for VP16-32, Red Anodized.

Assembly Number	A* (in)	B (mm)	Stand Specific Components	Common Components
OS1113A-20MM	16	20	VP16-20, SC-20	1113A
OS1113A-25MM		25	VP16-25, SC-25	
OS1113A-32MM		32	VP16-32, SC-32	
* Custom length vertical posts available upon request				

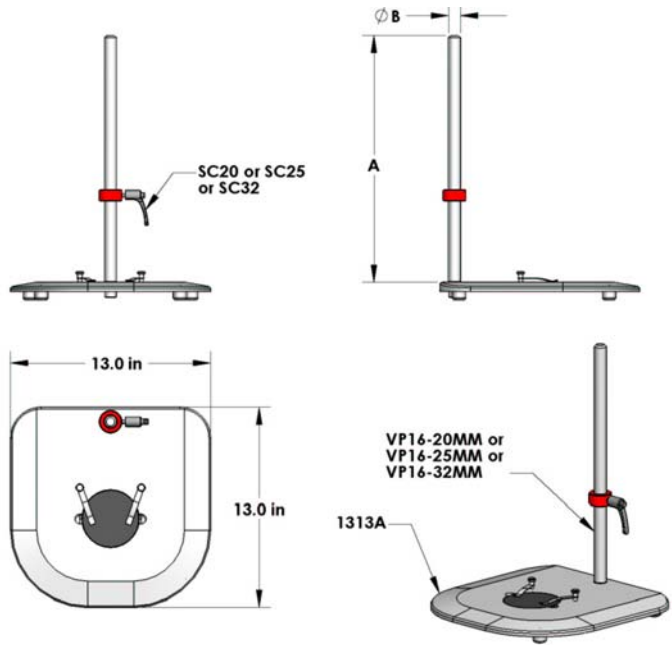
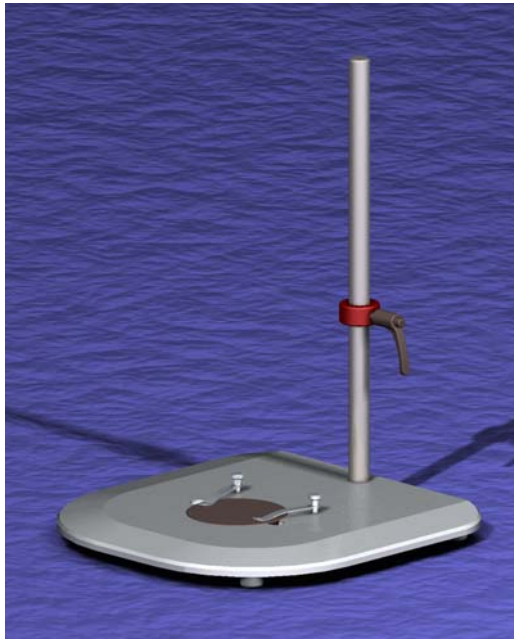
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ERGO ECONOMY STANDS



Ergo Economy Stand Components

- 1313A Aluminum, powder coated base. Outside dimensions – 13” x 13” x 1/2 “ - 8 lbs.
- VP16-20 16 inch long x 20 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- VP16-25 16 inch long x 24.5 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- VP16-32 16 inch long x 32 mm diameter stainless steel vertical post drilled to accept a 1/2-13 UNC bolt.
- SC-20 Safety Ring for VP16-20, Red Anodized.
- SC-25 Safety Ring for VP16-25, Red Anodized.
- SC-32 Safety Ring for VP16-32, Red Anodized.

Assembly Number	A* (in)	B (mm)	Stand Specific Components	Common Components
OS1313A-20MM	16	20	VP16-20, SC-20	1313A
OS1313A-25MM		25	VP16-25, SC-25	
OS1313A-32MM		32	VP16-32, SC-32	
* Custom length vertical posts available upon request				

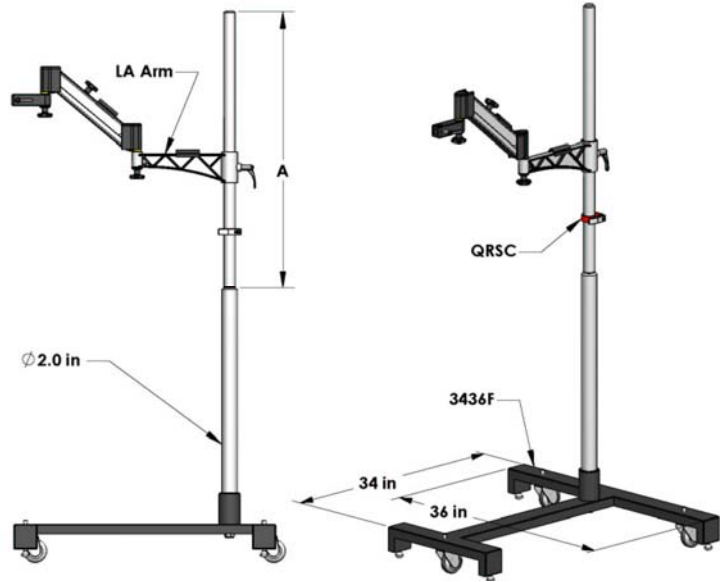
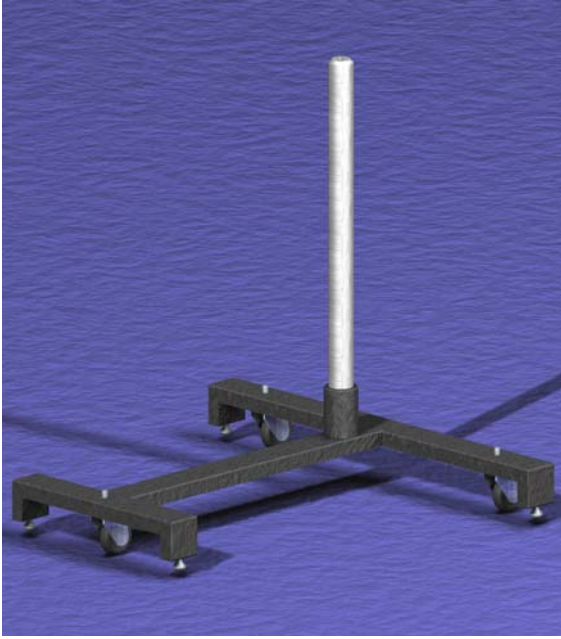
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FLOOR BASE



Floor Base

- 3436F Heavy Duty Steel Floor Stand, 34" x 36" external dimensions, with 36" x 2" diameter riser post. Vertical post accepts standard, ball bearing, fixed boom vertical poles and horizontal arm assemblies.
- B3618 36" Vertical post, Cross block, 18" Horizontal bar, Quick release safety clamp.
- B3625 36" Vertical post, Cross block, 25" Horizontal bar, Quick release safety clamp.
- B36F6 36" Vertical post, 6" Fixed boom arm, Quick release safety clamp.
- B36F12 36" Vertical post, 12" Fixed boom arm, Quick release safety clamp.
- B36BB 36" Vertical post, Ball bearing boom arm and cross block, Quick release safety clamp.
- B36LA 36" Vertical post, Lift Articulating boom arm, Quick release safety clamp.
- B36SA0612 36" Vertical post, 18" Swing boom arm, Quick release safety clamp.
- B36SA1212 36" Vertical post, 24" Swing boom arm, Quick release safety clamp.

Part Number	A	Stand Specific Components	Common Components
OS3436F-**18	** Customer specified length, commonly supplied length 36"	CXB, HB18	3436F VP** QRSC
OS3436F-**25		CXB, HB25	
OS3436F-**BB		BB	
OS3436F-**F6		F6	
OS3436F-**F12		F12	
OS3436F-**LA		LA	
OS3436F-**SA0612		SA0612	
OS3436F-**SA1212		SA1212	

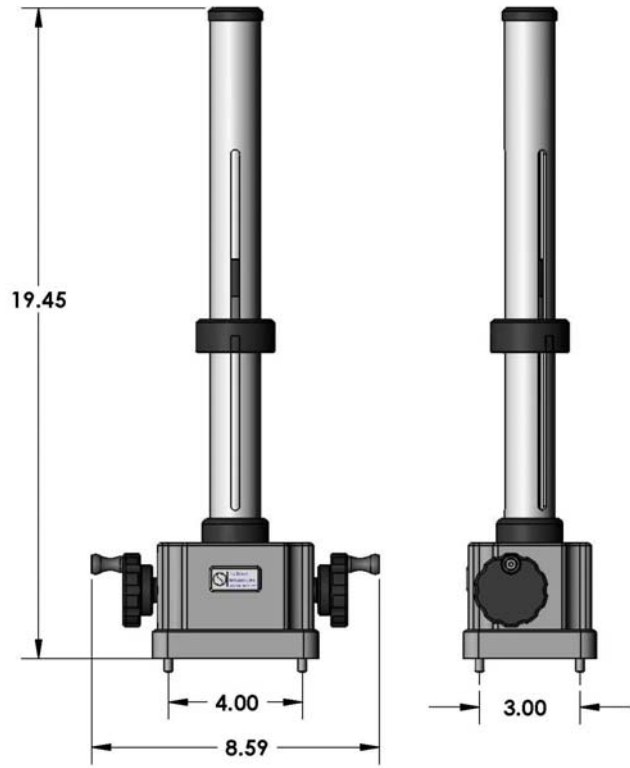
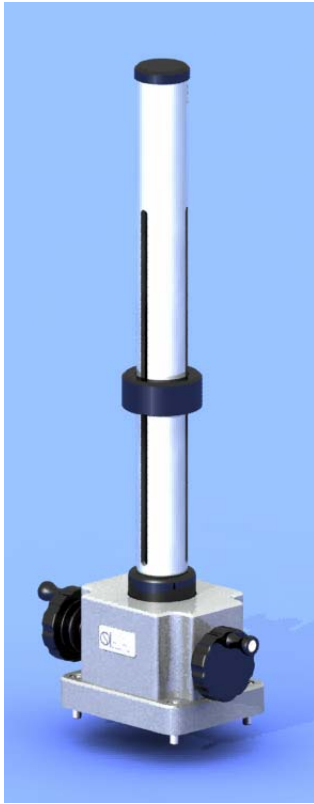
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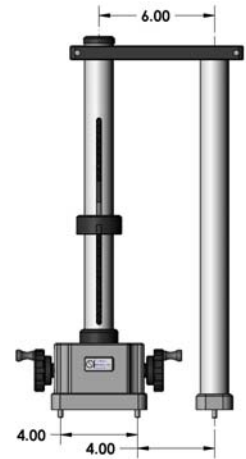
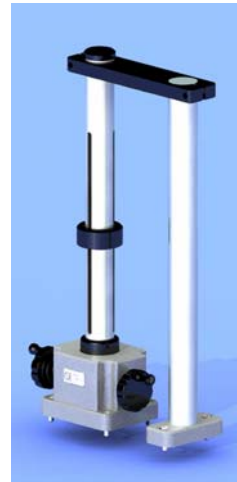
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MANUAL LEAD SCREW COLUMN



MANUAL LEAD SCREW COLUMN

- Ergonomic dual spinner knobs allows for ambidextrous control.
- Allows precise positioning on the vertical column with 0.050 inches travel per 1 knob revolution.
- Lead screw design prevents backdriving under any load.
- Accepts all standard Old School Horizontal Arms.
- Recommended for microscopes not exceeding 7lbs with a maximum magnification of 50x to the eyepiece
- Allows 360 degree rotation around vertical column.
- Accepts Outrigger Stabilization Assembly – P/N 50397 (note: will decrease boom arm rotation range)
- May negate the need for a secondary focus block



Note: Above depicted with optional Outrigger Stabilization Assembly.

Catalog Number	Description	Travel (in)	Height (in)	Diameter (in)
50366	Manual Lead Screw Column	10	19.45	1½
50397	Outrigger Stabilization Assembly	N/A	19.45	1½

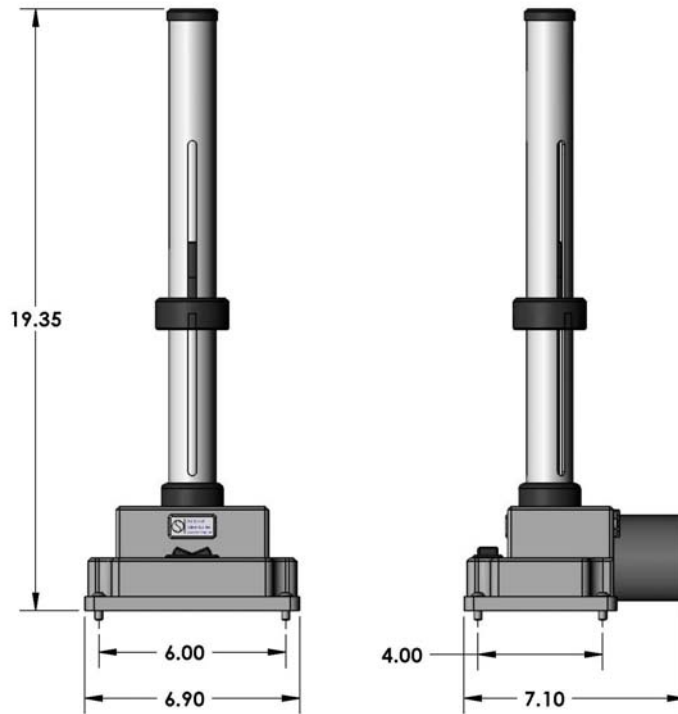
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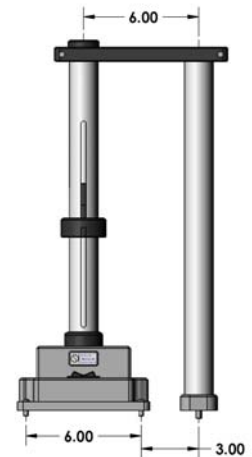
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SINGLE SPEED AC MOTORIZED LEAD SCREW COLUMN



MOTORIZED LEAD SCREW COLUMN

- AC motor (plug and play) with finger rocker switch attached to the column base controls vertical movement of the boom arm.
- For economical rapid travel of the boom arm on the vertical post. Travel rate of 0.3 inches per second.
- Lead screw design prevents backdriving under any load.
- Accepts all standard Old School Horizontal Arms.
- Recommended for microscopes not exceeding 7lbs with a maximum magnification of 50x to the eyepiece
- Allows 360 degree rotation around vertical column.
- Accepts Outrigger Stabilization Assembly – P/N 50397 (note: will decrease boom arm rotation range)



Note: Above depicted with optional Outrigger Stabilization Assembly.

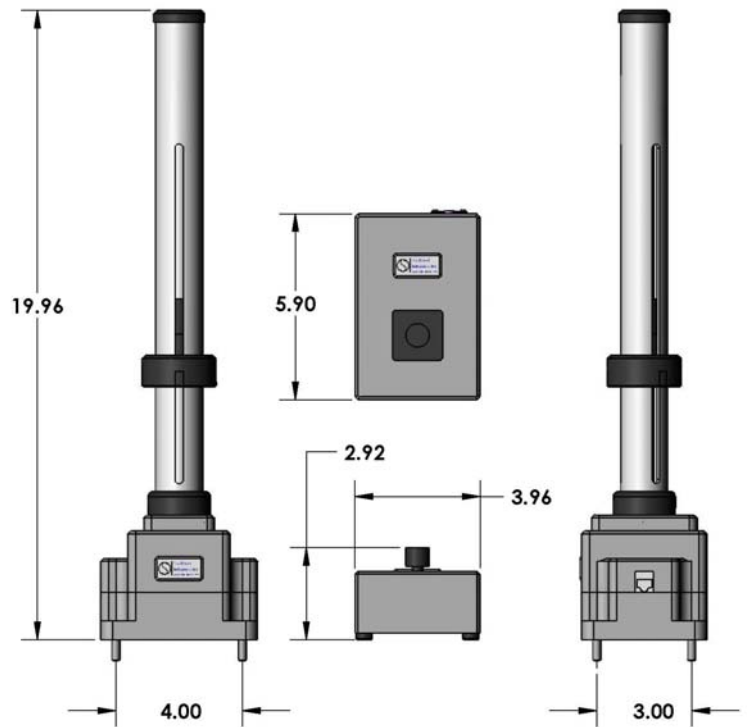
Assembly Number	Description	Travel (in)	Height (in)	Diameter (in)
50396	AC Motorized Lead Screw Column	10	19.35	1½
50397	Outrigger Stabilization Assembly	N/A	19.35	1½

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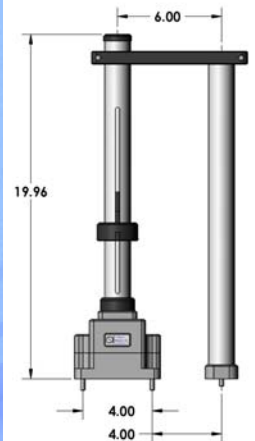
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VARIABLE SPEED STEPPER MOTOR LEAD SCREW COLUMN

- 5 phase stepper motor (plug and play) provides variable speed control with foot pedal or optional joystick.
- Direct drive allows for precise speed and position control with a speed range of 0.08 to 0.67 inches per second.
- Lead screw design prevents backdriving under any load.
- Accepts all standard Old School Horizontal Arms.
- Recommended for microscopes not exceeding 7lbs with a maximum magnification of 50x to the eyepiece
- Allows 360 degree rotation around vertical column.
- Accepts Outrigger Stabilization Assembly – P/N 50397 (note: will decrease boom arm rotation range)
- May negate the need for a secondary focus block



Note: Above depicted with optional Outrigger Stabilization Assembly.

Assembly Number	Description	Travel (in)	Height (in)	Diameter (in)
50390	5 Phase Stepper Motor Lead Screw Column with Foot Pedal Control	10	19.96	1½
50415	5 Phase Stepper Motor Lead Screw Column with Joy Stick Control	10	19.96	1½
50397	Outrigger Stabilization Assembly	N/A	19.96	1½

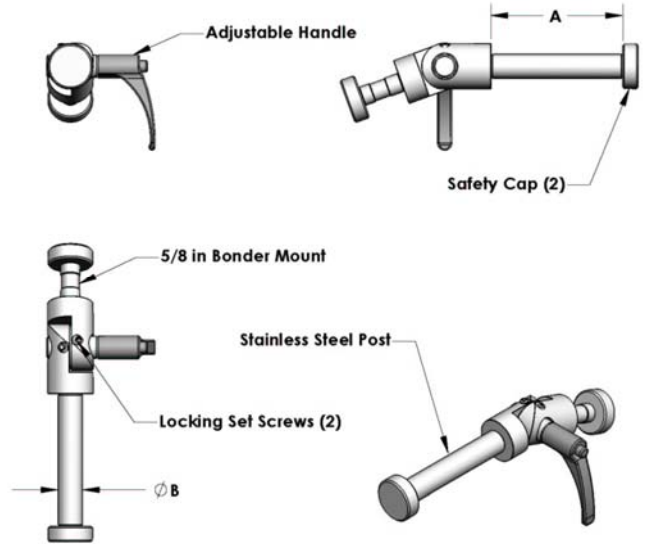
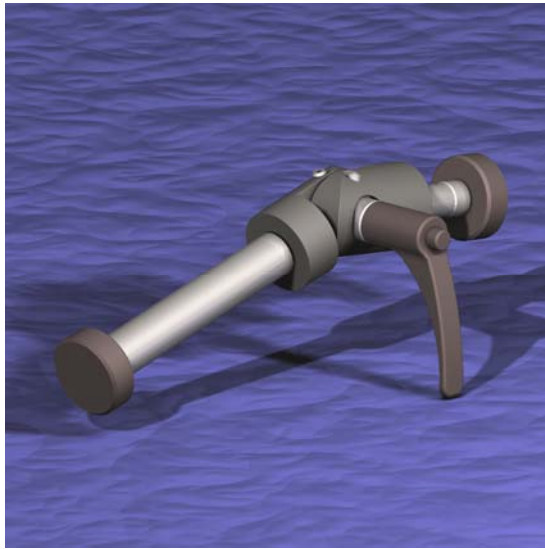
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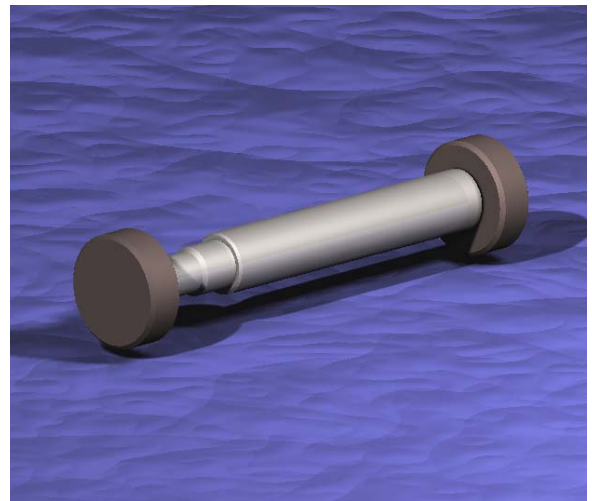
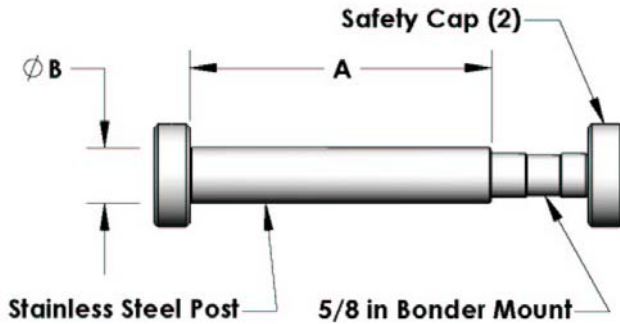
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ACCESSORIES



Microscope Tilt Mounts

Part Number	Description	A (mm)	B (mm)
OSK20MM	Tilting mount with 20mm x 108mm stainless steel post, 5/8" bonder pin, 2 black anodized safety caps, and adjustable handle.	108	20
OSK25MM	Tilting mount with 24.5mm x 152mm stainless steel post, 5/8" bonder pin, 2 black anodized safety caps, and adjustable handle.	152	24.5
OSK30MM	Tilting mount with 30mm x 152mm stainless steel post, 5/8" bonder pin, 2 black anodized safety caps, and adjustable handle.	152	30
OSK32MM	Tilting mount with 32mm x 216mm stainless steel post, 5/8" bonder pin, 2 black anodized safety caps, and adjustable handle.	216	32



Microscope Fixed Mounts

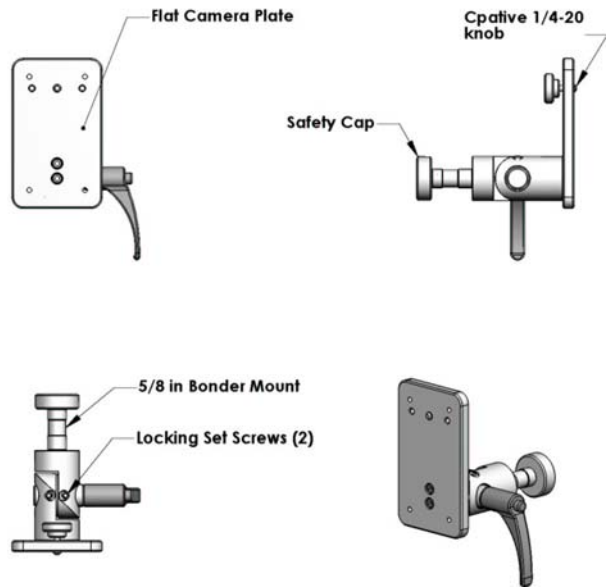
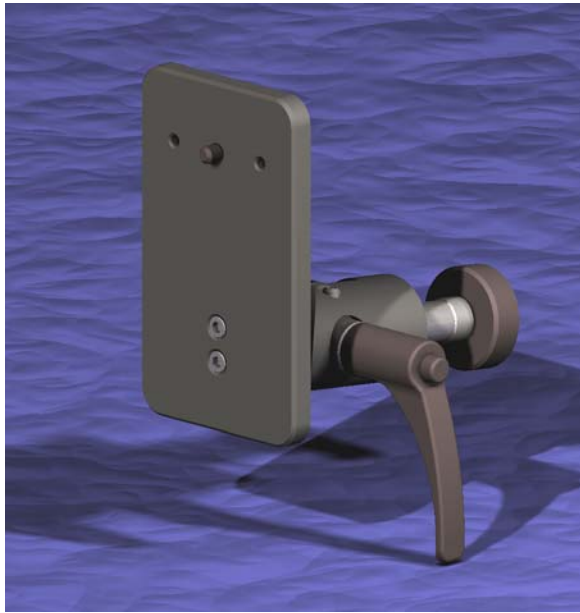
Part Number	Description	A (mm)	B (mm)
OSSP20MM	Stainless steel post, 5/8" bonder pin, 2 black anodized safety caps.	108	20
OSSP25MM	Stainless steel post, 5/8" bonder pin, 2 black anodized safety caps.	152	24.5
OSSP30MM	Stainless steel post, 5/8" bonder pin, 2 black anodized safety caps.	152	30
OSSP32MM	Stainless steel post, 5/8" bonder pin, 2 black anodized safety caps.	216	32

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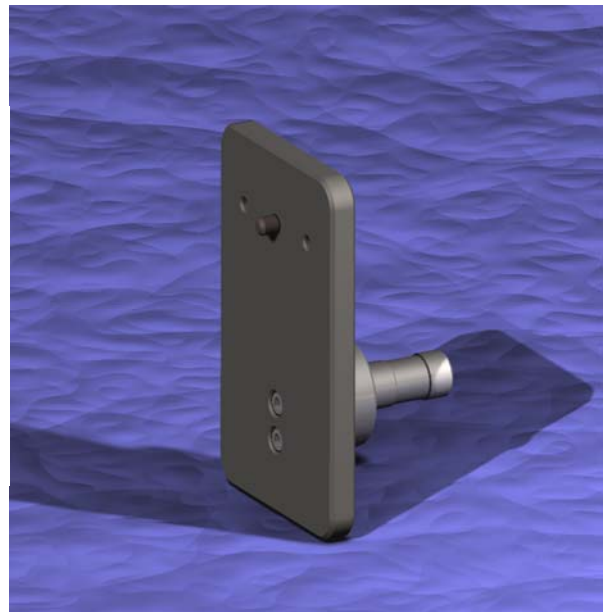
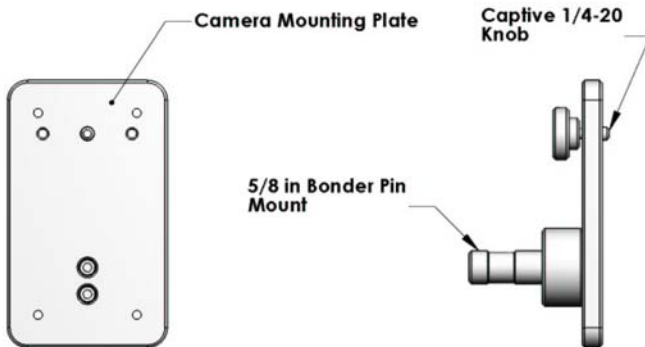
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Camera Tilt Mount

OSK22

Aluminum camera mounting plate with captive 1/4-20 knob, and one black anodized aluminum safety cap.



Camera Fixed Mount

OSF22

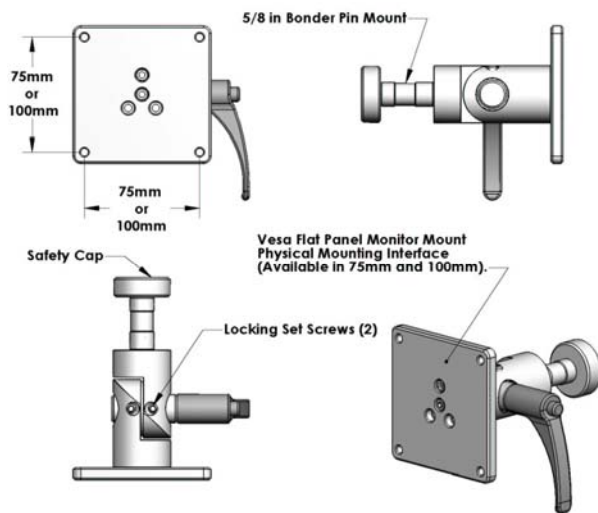
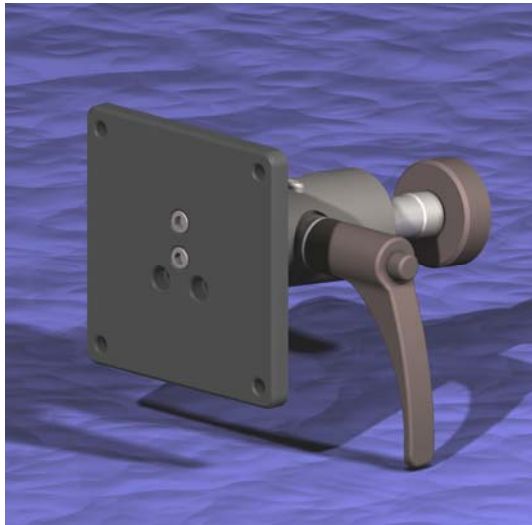
Aluminum camera mounting plate with captive 1/4-20 knob, and one black anodized aluminum safety cap.

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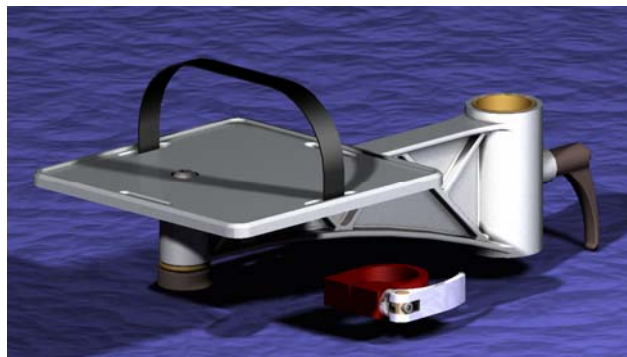
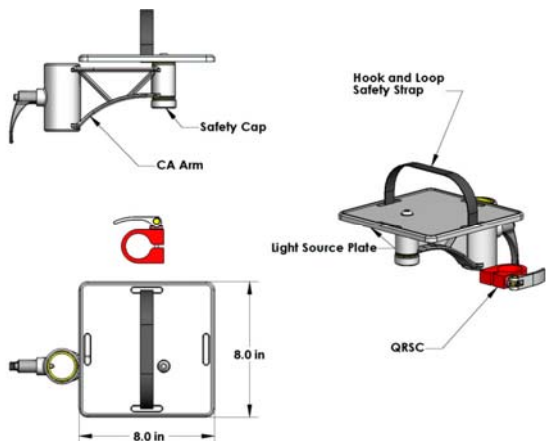
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Flat Panel Monitor Tilt Mount

OSK-V100 Aluminum VESA® Flat Panel Monitor Physical Mounting Interface™ Tilt Mount with 100mm x 100mm Standard Interface Pad, and one black anodized aluminum safety cap. Ideal for mounting a Flat Panel Monitor to OSI LA Lift articulating arm.

OSK-V075 Aluminum VESA® Flat Panel Monitor Physical Mounting Interface™ Tilt Mount with 75mm x 75mm Standard Interface Pad, and one black anodized aluminum safety cap. Ideal for mounting a Flat Panel Monitor to OSI LA Lift articulating arm.



Lamp House Shelving

OSLP0808 Aluminum plate and one black anodized aluminum safety cap with cast aluminum arm, includes double sided hook & loop strap and quick release safety clamp. Ideal uses include as mounting platform for fiber optic lamp house, as a tool shelf.

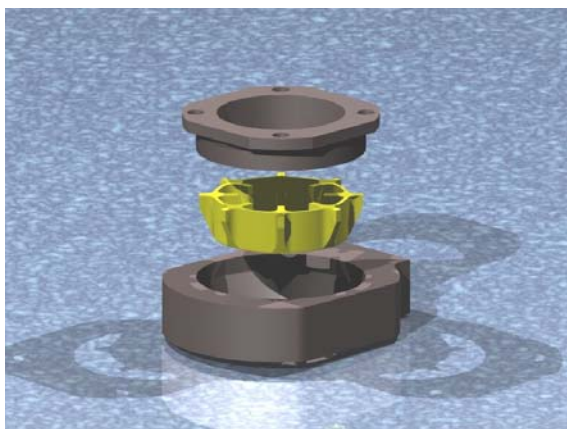
Assembly Number	Stand Specific Components	Common Components
OSLP0808-CA06	CA06	LP0808
OSLP0808-CA12	CA12	QRSC

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Universal Lens/Tube Collet to 1/4 -20 Flat

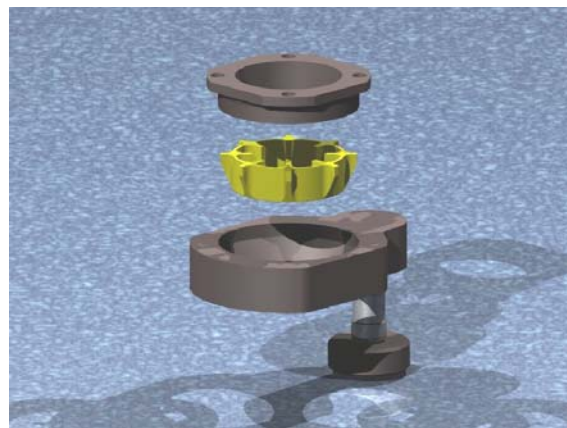
OSQT-2848

28 mm – 48 mm Collet System for mounting lenses and optic tubes to a flat with 1/4 -20 mounting hole. Includes 10 individual collets which will allow mounting of lenses and optic tubes from 28 mm to 48mm diameter.

Universal Lens/Tube Collet to Fixed 5/8" Bonder Pin

OSF-2848

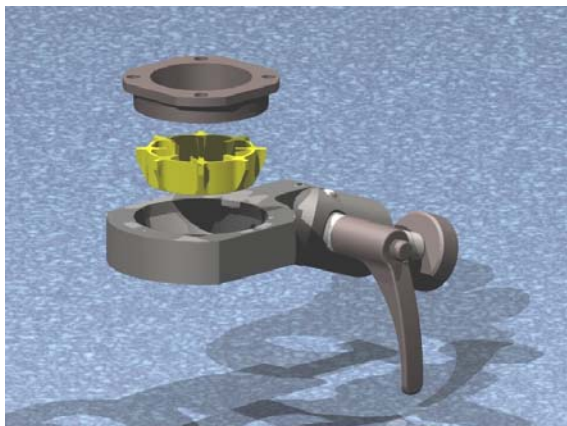
28 mm – 48 mm Collet System for mounting lenses and optic tubes with fixed 5/8" "Bonder" pin. Includes 10 individual collets which will allow mounting of lenses and optic tubes from 28 mm to 48mm diameter.



Universal Lens/Tube Collet to Tilting 5/8" Bonder Pin

OSK-2848

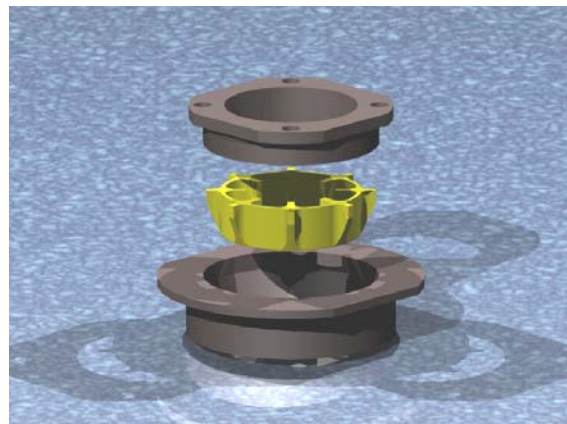
28 mm – 48 mm Collet System for mounting lenses and optic tubes with tilting 5/8" tilting "Bonder" pin. Includes 10 individual collets which will allow mounting of lenses and optic tubes from 28 mm to 48mm diameter.



Universal Lens/Tube Collet to Microscope Focus Blocks

OSxxD-2848

28 mm – 48 mm Collet System for mounting lenses and optic tubes to various diameter (i.e. xx equals 76, 82, 83, 84 mm) stereomicroscope focus blocks. Includes 10 individual collets which will allow mounting of lenses and optic tubes from 28 mm to 48mm diameter.



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Industrial Transmitted Light Stand



❖ Available Features:

- Ergonomically positioned tilting mirror control on front of base.
 - Coaxial control adjusts both angle and position of mirror.
 - A 3:1 gear reduction allows for precise positioning of the mirror angle.
 - Click stop at 45° position.
- 25 mm diameter filter holder.
 - Accepts standard filter size.
 - Easily accessible.
- Focusing condensing lens system, allows adjusting of illumination spot size and illumination intensity to conform to microscope field of view.
- Illumination focusing controls conveniently located low and along the midline of the base.
- Large 8" x 9" specimen platform with 98mm glass insert.
 - Black & white contrast plate available.
 - Secondary filter well below 98mm stage platform. Accommodates (88mm diameter x 3 mm thick) polarizer, frosted glass, filter inserts.
- Throat depth is easily adjustable by user. No need to specify microscope to be used when ordered.
- Will readily accommodate up to 8" x 8" coaxial controlled X/Y Stages.
- Modular design allows for field upgrades.
- Designed to accept popular fiber optic accessories; i.e. flat panel backlights, ring lights, single bundles.
- Available with fixed 45° mirror.

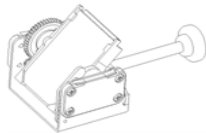
Industrial Transmitted Light Stand System Diagram

Vertical Columns & Mounts

- #50203 1.5" diameter x 10" vertical column with mount & safety clamp.
 - #50204 20mm diameter x 10" vertical column with mount & safety clamp.
 - #50205 25mm diameter x 10" vertical column with mount & safety clamp.
 - #50206 32mm diameter x 10" vertical column with mount & safety clamp.
- Mounts for special vertical columns**
- #10204 Mount for WESCO rectangular column.
 - #10213 Mount for Nikon focusing column from C-PS Stand.
 - #10217 Mount for Leica columns; # 10446176, 10445615, 10446100, 10445616, 10446100.

Stage Mounts

- #10205 Meiji MA594 Stage Riser plate.
- #10206 WESCO #SG-4000 Stage Riser Plate
- #10211 Semprex Stage Riser Plate.



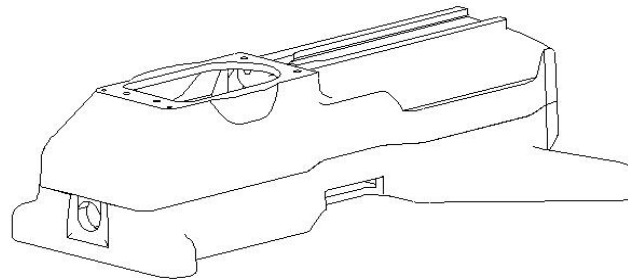
Brightfield and Darkfield Illumination

- #50235 Tilting Mirror Assembly.



Brightfield Illumination Only

- #50225 45° Fixed Mirror Assembly.



#50202 Industrial Casting

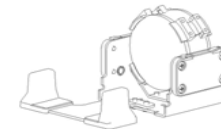


360° Darkfield Illumination

- #50215 Fiber optic ringlight Mount. Accepts Schott-Fostec #A08630 Midi, Volpi #10520 40mm ID Ringlights.

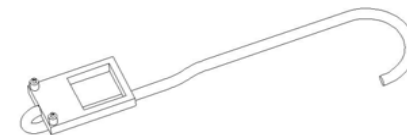
Fiber Bundle Mounts

- #50230 10mm diameter fiber bundle grommet.



Condenser Lens Assembly

- #50214 Internal Focusing Condenser Assembly.



Diffuse Transmitted Light

- #50220 Panel Light Mount. Accepts Schott-Fostec #A08920 or Volpi #45020 2 x 2 panel backlights.

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Biological Transmitted Light Stand



❖ Available Features:

- Ergonomically positioned tilting mirror control on front of base.
 - Coaxial control adjusts both angle and position of mirror.
 - A 3:1 gear reduction allows for precise positioning of the mirror angle.
 - Click stop at 45° position.
- 25 mm diameter filter holder.
 - Accepts standard filter size.
 - Easily accessible.
- Focusing condensing lens system, allows adjusting of illumination spot size and illumination intensity to conform to microscope field of view.
- Illumination focusing controls conveniently located low and along the midline of the base.
- Large 8" x 9" specimen platform with 98mm glass insert.
 - Black & white contrast plate available.
 - Secondary filter well below 98mm stage platform. Accommodates (88mm diameter x 3 mm thick) polarizer, frosted glass, filter inserts.
- Throat depth is easily adjustable by user. No need to specify microscope to be used when ordered.
- Will readily accommodate up to 8" x 8" coaxial controlled X/Y Stages.
- Modular design allows for field upgrades.
- Designed to accept popular fiber optic accessories; i.e. flat panel backlights, ring lights, single bundles.
- Available with fixed 45° mirror.

Biological Transmitted Light Stand System Diagram

Vertical Columns & Mounts

#50203 1.5" diameter x 10" vertical column with mount & safety clamp.

#50204 20mm diameter x 10" vertical column with mount & safety clamp.

#50205 25mm diameter x 10" vertical column with mount & safety clamp.

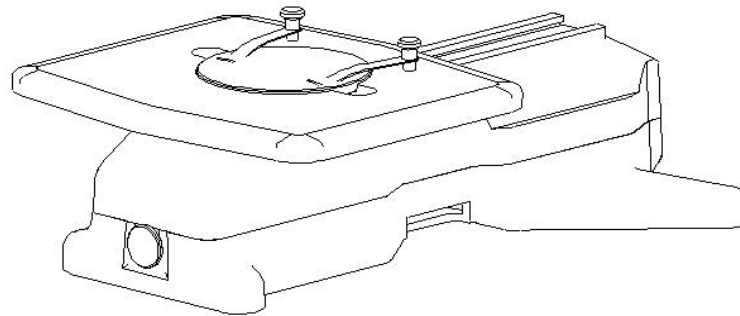
#50206 32mm diameter x 10" vertical column with mount & safety clamp.

Mounts for special vertical columns

#10204 Mount for WESCO rectangular column.

#10213 Mount for Nikon focusing column from C-PS Stand.

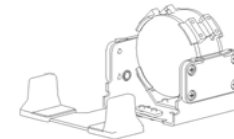
#10217 Mount for Leica columns; # 10446176, 10445615, 10446100, 10445616, 10446100.



#50273 Biological Casting

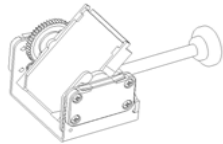
Fiber Bundle Mounts

#50230 10mm diameter fiber bundle grommet.



Condenser Lens Assembly

#50214 Internal Focusing Condenser Assembly.



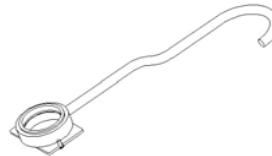
Brightfield and Darkfield Illumination

#50235 Tilting Mirror Assembly.



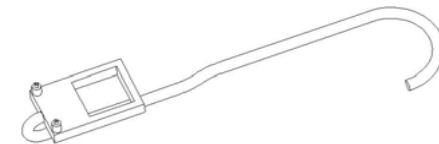
Brightfield Illumination Only

#50225 45° Fixed Mirror Assembly.



360° Darkfield Illumination

#50215 Fiber optic ringlight Mount. Accepts Schott-Fostec #A08630 Midi, Volpi #10520 40mm ID Ringlights.



Diffuse Transmitted Light

#50220 Panel Light Mount. Accepts Schott-Fostec #A08920 or Volpi #45020 2 x 2 panel backlights.

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