

Adjustable and Swivel Brackets

12 mm Brackets

SMB1812SF

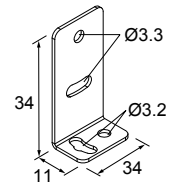
- Swivel bracket with 12 mm mounting hole
- Black reinforced thermoplastic polyester
- Stainless steel mounting and swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 36.1
Hole size: A = $\varnothing$ 5.0, B = $\varnothing$ 12.0

SMBQ12A

- Adjustable right-angle bracket
- 20-ga. 300 series stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A to B = 7.6
Hole size: A = 3.5 x 8.1, B = $\varnothing$ 3.2

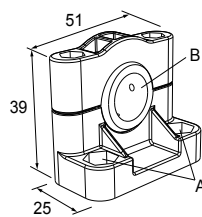


18 mm Brackets

SMB1815SF

- Swivel with set screws for mounting sensors by the cable hub
- Black reinforced thermoplastic polyester
- Stainless steel swivel locking hardware and hex wrench included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 36.0
Hole size: A = $\varnothing$ 5.0, B = $\varnothing$ 15.0



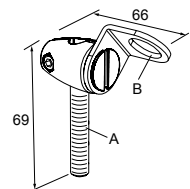
SMB18FA..SS

- Swivel bracket with tilt and pan movement for precision adjustment
- Easy sensor mounting to extruded rail T-slots
- Stainless steel
- Metric and inch size bolts available
- 18 mm sensor mounting hole

Hole size: B = $\varnothing$ 18.1

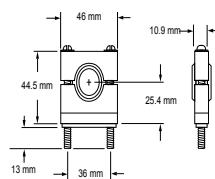
Bolt Thread (A):

SMB18FA-SS = 3/8 - 16 x 2 in
 CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)
 SMB18FAM10-SS = M10 - 1.5 x 50
 CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)
 SMB18FAM12-SS = n/a; no bolt included. Mounts directly to 12 mm (1/2 in) rods
 CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



SMB18S

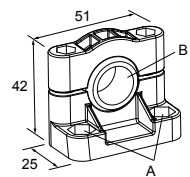
- 18 mm swivel bracket
- Black thermoplastic polyester
- Stainless steel mounting hardware included (Two M5 x 0.8 x 60 mm screws)
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



SMB18SF

- 18 mm swivel bracket with M18 x 1 internal thread
- Black thermoplastic polyester
- Stainless steel swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

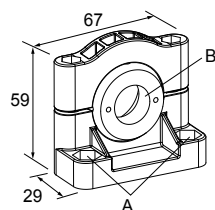
Hole center spacing: A = 36.0
Hole size: A = $\varnothing$ 5.3, B = $\varnothing$ 18.0



SMB3018SC

- 18 mm swivel side or barrel-mount bracket
- Black reinforced thermoplastic polyester
- Stainless steel swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

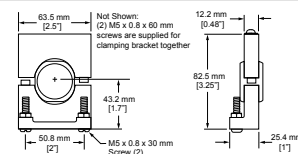
Hole center spacing: A = 50.8
Hole size: A = $\varnothing$ 7.0, B = $\varnothing$ 18.0



30 mm Brackets

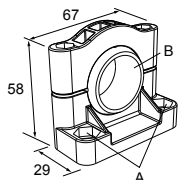
SMB30S

- Swivel bracket with 30 mm mounting hole for sensor
- Adjustable captive swivel ball
- Black reinforced thermoplastic polyester
- Stainless steel mounting and swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMB30SC**

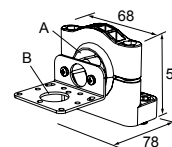
- Swivel bracket with 30 mm mounting hole for sensor
- Black reinforced thermoplastic polyester
- Stainless steel mounting and swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A=ø 50.8
Hole size: A=ø 7.0, B=ø 30.0

**SMB30SK**

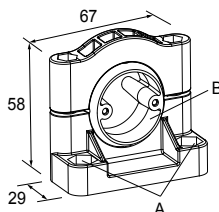
- Flat-mount swivel bracket with extended range of motion
- Black reinforced thermoplastic polyester and 316 stainless steel
- Stainless steel swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A=50.8
Hole size: A=ø 7, B=ø 18

**SMB30SUS**

- Side-mount swivel with extended range of motion
- Black reinforced thermoplastic polyester
- Stainless steel swivel locking hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

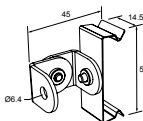
Hole center spacing: A=50.8, B=24.1
Hole size: A=ø 7, B=ø 7.6



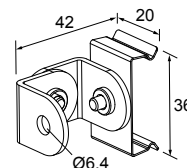
LMBxx Lighting Brackets

LMBSD50-180S

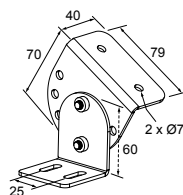
- Metal mounting bracket kit with 180-degree rotation
- Stainless steel
- Hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LMBWL32-180S**

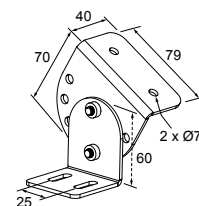
- Swivel bracket kit allows 180° of movement
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LMBWL72RAS**

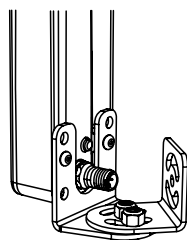
- Swivel brackets allow for 180° of movement in seven fixed positions
- Stainless steel
- Includes two swivel bracket assemblies and eight screws
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LMBWL92RAS**

- Swivel brackets allow for 180° of movement in seven fixed positions
- Stainless steel
- Includes two swivel bracket assemblies, eight screws, and four t-nuts
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LMBWLC60RAS**

- Pair of two swivel mount, right-angle brackets
- 300 series stainless steel
- Includes hardware for mounting to light
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LMBWLC90PT**

- Pan and tilt bracket
- 300 series stainless steel
- Hardware for connecting to light included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

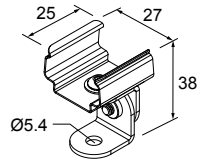


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LMBWLS15-150S

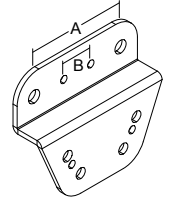
- Set of 2 stainless steel swivel brackets, allows for 150° of movement
- Clearance hole for M5 button head screw
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**MBK Brackets****AG4-MBK1**

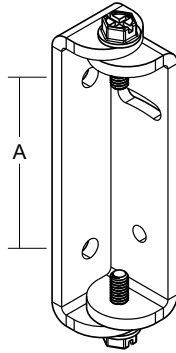
- Metal swivel bracket for mounting and aligning
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 63.0**Hole size:** 9.0 × 20.4**EZA-MBK-2**

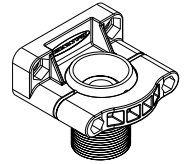
- Adapter bracket for mounting SSM series mirror to MSA series stands
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 63.9, B = 19.9, A to B = 22.0**Hole size:** A = Ø 8.3, B = Ø 4.8**EZA-MBK-3**

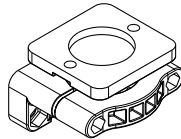
- Two-piece side-swivel bracket kit
- 180° range of motion
- 8-ga. cold-rolled steel with black corrosion-resistant zinc chromate finish
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 65.0**Hole size:** A = Ø 7.0**EZA-MBK-4**

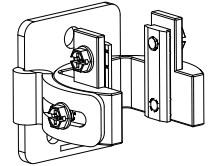
- Top-mounting kit with SMB30SC swivel bracket and threaded adapter
- 45° rotation in any direction
- Black-reinforced thermoplastic polyester
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: 50.8**Hole size:** Ø 7.0**EZA-MBK-5**

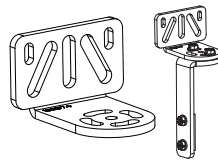
- Bottom-mounting kit with SMB30SC swivel bracket and threaded adapter plate
- 45° rotation in any direction
- Black-reinforced thermoplastic polyester
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: 50.8**Hole size:** Ø 7.0**EZLSA-MBK-12**

- Swivel center brackets
- Used with emitter and receiver
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**EZLSA-MBK-20**

- Adapter brackets for mounting to engineered/slotted aluminum framing such as 80/20™ and Unistrut™
- Angled slots allow mounting to 20 mm to 40 mm dual channel and center slot; allows mounting to single channel framing
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**LPA-MBK-20**

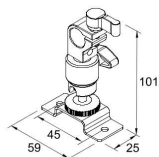
- Universal adapter bracket for mounting to engineered/slotted aluminum framing (example, 80/20™, Bosch)
- Use with LPA-MBK-11, -12 or -13
- 12-ga. (2.66 mm) steel; black zinc plated
- Includes 1 bracket and hardware
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole center spacing: A = 44.5, B = 20, C = 40**Hole size:** A = 4.8 × 10.2; B, C = 7 × 26.8

SMB S15 Bracket

SMB-S15S-SWIVEL

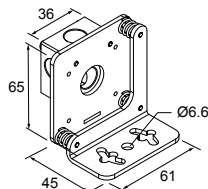
- 15 mm swivel bracket for S15 housing
- Aluminum alloy
- Screw mount
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



SMB4xx Bracket

SMB46X3

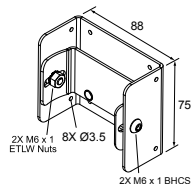
- Assembly with mounting block and adjustable bracket
- Includes:
 - 2 mm Shortarm hex key
 - 3/64-in Shortarm hex key
 - 4 Set screws
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



SMB5xx Bracket

SMBAMSK50R

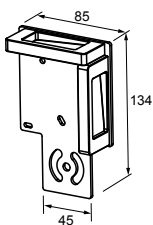
- Adjustable mounting bracket
- 14-gauge 304 stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



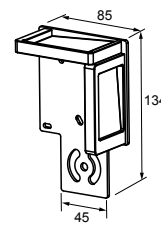
SMBAxx and SMBBxx Brackets

SMBAMSLEIP

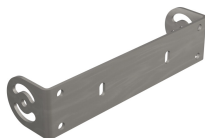
- Includes the mounting plate and two protective windows
- 90 plus degree rotation
- Window frames are black anodized aluminum; mounting plate is stainless steel
- The mounting plate, SMBAMSLTFP, can be ordered separately
- The replacement window, RWAMSLE, can be ordered separately
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBAMSLTFIP**

- Includes the mounting plate and two protective windows
- 90 plus degree rotation
- Window frames are black anodized aluminum; mounting plate is stainless steel
- The mounting plate, SMBAMSLTFP, can be ordered separately
- The replacement window, RWAMSLTF, can be ordered separately
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBBSRA**

- 316 stainless steel bracket and hardware
- Right-angle swivel bracket for versatile orientation
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

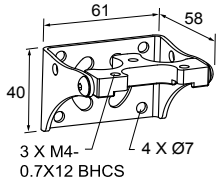


SMBIVUxx Bracket

SMBIVUU

- U-shaped swivel bracket kit
- 14-ga. stainless steel
- Hardware included
- Bottom mounting bracket, SMBIVUBP, can be ordered separately
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

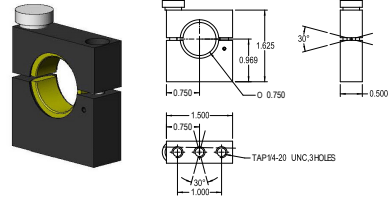
NOTE: Use cables with right-angle connectors with this bracket kit.



SMBLxx Brackets

SMBLLGS

- Swivel mounting bracket
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

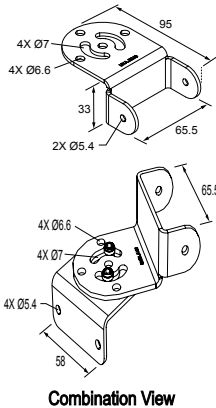


SMBLAXU

- U-shaped stainless steel bracket
- For use with **SMBLAXRA** to provide swivel adjustment
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Includes:

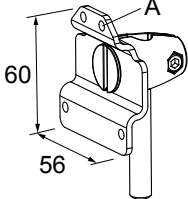
- 2 Brackets
- 4 M5 screws (socket-drive, button head)
- 4 M5 T-nuts
- Four each stainless steel 1/4-20 screws (socket drive, button head), lock nuts, washers



SMBLEFA

- Swivel plate bracket
- 12 gauge stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole size: A = 4x ø 4.5



SMBLGA

- L-GAGE adjustable bracket assembly
- 304 Stainless Steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



SMBLH30

- LH series adjustable bracket
- Brackets for thickness and displacement measurement
- Anodized Aluminum
- For LH30 sensors
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole size: A = M4
Height: H = 208.0



SMBLH80

- LH series adjustable bracket
- Brackets for thickness and displacement measurement
- Anodized Aluminum
- For LH80 sensors
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole size: A = M4
Height: H = 358.0



SMBLH150

- LH series adjustable bracket
- Brackets for thickness and displacement measurement
- Anodized Aluminum
- For LH150 sensors
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

Hole size: A = M4
Height: H = 608.0

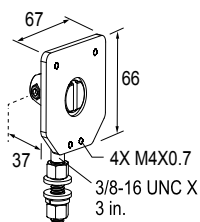


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SMBLTFFA

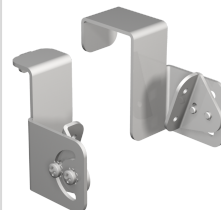
- Swivel plate bracket
- 5 mm stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBPVAxx Bracket****SMBPVA9**

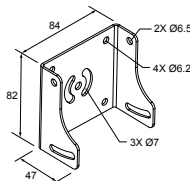
- Pair of two-piece swivel brackets
- Mount directly to sensor or to PVD or PVA protective brackets
- Designed for mounting sensor to look down
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBPVA11**

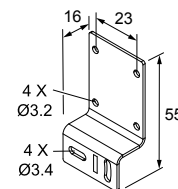
- Pair of two-piece swivel brackets for mounting indicator to 8 mm (5/16 in) metal rack system
- Articulation slot for $\pm 90^\circ$ rotation
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBQxx and SMBxQxx Brackets****SMBAMSQ90R**

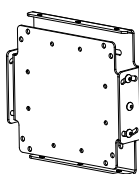
- Adjustable mounting bracket
- 14-Gauge 304 stainless steel
- M6 $\times$ 1 mounting hardware included
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBQ20H**

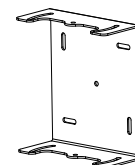
- Sensor horizontal flange mount
- $\pm 10^\circ$ swivel
- Stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBQ240SS1**

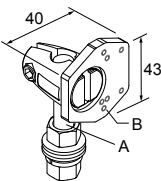
- Sensor mounting plate and pivoting bracket
- Provides $\pm 20^\circ$ of tilt in one axis for enhanced sensor alignment
- 12-gauge stainless steel
- Sensor can mount on bracket horizontally or vertically
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBQ240SS2**

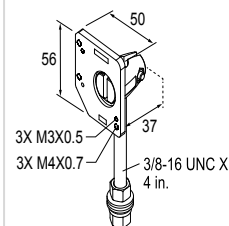
- Add-on accessory to be used in conjunction with SMBQ240SS1
- Provides $\pm 20^\circ$ of tilt in second axis for maximum control of sensor alignment
- 12-gauge stainless steel
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

**SMBQ4X..**

- Swivel bracket with tilt and pan movement for precision adjustment
- Easy sensor mounting to extruded rail T-slots
- Metric and inch size bolts are available
- Side mounting of some sensors with the 3 mm screws included with the sensor
- SMBQ4XFA CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)
- SMBQ4XFAM10 CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

B = 7 $\times$ M3 $\times$ 0.5**Bolt thread (A):** 3/8 - 16 $\times$ 2 1/4 in for SMBQ4XFA; M10 - 1.5 $\times$ 50 for SMBQ4XFAM10; n/a; no bolt included. Mounts directly to 12 mm (1/2 in) rods for SMBQ4XFMA1**SMBQ5X..**

- Swivel bracket with tilt and pan movement for precision adjustment
- Easy sensor mounting to extruded rail T-slots
- Metric and inch size bolts are available
- Side mounting of some sensors with the 3 mm screws included with the sensor
- SMBQ5XFA CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)
- SMBQ5XFAM10 CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)

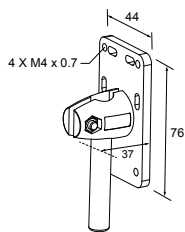
B = 7 $\times$ M3 $\times$ 0.5**Bolt thread (A):** 3/8 - 16 $\times$ 2 1/4 in for SMBQ5XFA; M10 - 1.5 $\times$ 50 for SMBQ5XFAM10; n/a; no bolt included. Mounts directly to 12 mm (1/2 in) rods for SMBQ5XFAM12

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SMBQ76FAM12

- Swivel bracket with tilt and pan movement for precision adjustment
- Easy sensor mounting to extruded rail T-slots
- No bolt included; mounts directly to 12 mm (½ in) rods
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



Banner Engineering Corp Limited Warranty

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