

# LT50/60 Mechanical Accessories

## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070003	<b>LT50 Motor Angle Bracket</b> <ul style="list-style-type: none"> <li>- Zinc-plated steel</li> <li>- .807 in. diameter through hole</li> <li>- Maximum motor torque - 40 Nm</li> <li>- Compatible with 9080239 idler end bearing support</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070082	<b>Universal L T50 Motor Bracket (LS Style) for 10 mm Square Stud</b> <ul style="list-style-type: none"> <li>- Zinc-plated steel</li> <li>- Maximum motor torque - 25 Nm</li> <li>- Horizontally and vertically adjustable</li> <li>- Maximum system load - 57 Kg. (126 Lbs.)</li> <li>- Replaces SOMFY Cat. No. 6070081</li> </ul>
	6070138	<b>"U" Shape LS Style Motor Bracket for 10 mm Square Stud</b> <ul style="list-style-type: none"> <li>- Maximum motor torque - 25 Nm</li> <li>- Zinc-plated steel</li> <li>- Maximum system load - <b>See note below</b></li> <li>- Replaces SOMFY Cat. No. 6070137</li> </ul>
	6070182	<b>Heavy Duty Angle Plate</b> <ul style="list-style-type: none"> <li>- For ceiling and wall installation in combination with Cat. No. 6070503</li> <li>- Black oxide finish</li> <li>- Compatible with brackets 6070503, 6080026 and 6080116</li> <li>- Maximum motor torque - 100 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070238	<b>LT50 Round Anti-Vibration Motor Bracket</b> <ul style="list-style-type: none"> <li>- Zinc plated steel with a 10 mm molded square stud insert surrounded by rubber</li> <li>- Compatible with matching idler end Cat. #6080206</li> <li>- Can be mounted on 6070526</li> <li>- Maximum motor torque - 20Nm</li> <li>- Can reduce sound levels by 4-5 dB</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070256	<b>Motor Bracket LT60 FTS</b> <ul style="list-style-type: none"> <li>- Zinc plated steel, gauge 3 (0.24 in.)</li> <li>- Recommended for use with LT FTS 60 (Fabric Tension System)</li> <li>- Maximum motor torque - 100 Nm</li> <li>- Includes universal bracket with spring ring that must be used</li> <li>- Maximum system load - 200 kg. (441 Lbs.)</li> <li>- Spring must be replaced with a locking spring ring 4350027 to obtain full torque and load capability</li> </ul>

Note: Maximum system load will vary depending on application. SOMFY recommends testing of components in actual application to determine suitability.

# LT50/60 Mechanical Accessories

## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070284	<p><b>LT50 Angle Plate with Elongated Holes Allowing Adjustment</b></p> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Compatible with idler end bearing support Cat. No. 9080239 and intermediate bearing support Cat. No. 6050438</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load - 69 Kg. (152 Lbs.)</li> <li>- Replaces SOMFY Cat. No. 6070283</li> </ul>
	6070446	<p><b>LT50/60 Motor Bracket with 1/2" Conduit Connector</b></p> <ul style="list-style-type: none"> <li>- Four mounting holes provided</li> <li>- Lateral space requirement for installation: 28 mm</li> <li>- Zinc plated steel</li> <li>- Must be used with either spring ring Cat. No. 4350026, or locking spring ring Cat. No. 4350027 (not included)</li> <li>- Maximum motor torque - 85 Nm or 100 Nm when locking spring ring Cat. #4350027 is used.</li> </ul>
	6070499	<p><b>Universal Bracket with Spring Ring</b></p> <ul style="list-style-type: none"> <li>- Assembled to accept Inch Series threaded screws 1/4 - 20, 5/16 - 18 (nuts molded into bracket)</li> </ul>
	6070501	<p><b>Universal Bracket with Spring Ring - Zamak Material</b></p> <ul style="list-style-type: none"> <li>- 2 holes for M6 hex or 1/4 - 20 flat head screw on 48 mm diameter</li> <li>- 2 holes for M8 hex screw on 60 mm diameter</li> <li>- 2 countersunk holes for M8 screw on 60 mm diameter</li> <li>- Lateral space requirement for installation: 27 mm</li> <li>- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring Cat. No. 4350027, and 5/16 - 18 or M8 bolts without molded nuts</li> <li>- Maximum system load - 200 Kg. (441 Lbs.) when used with locking spring ring Cat. #4350027</li> </ul>
<p>Spring ring needs to be replaced with locking spring ring Cat. #4350027 to obtain maximum torque and load capability</p>	6070502	<p><b>With M8 and M6 nuts molded in bracket</b></p> <ul style="list-style-type: none"> <li>- Same as above</li> <li>- Maximum system load 200 Kg. (441 Lbs.)</li> </ul>
	6070500	<p><b>Weld-on Bracket Without Spring Ring</b></p> <ul style="list-style-type: none"> <li>- Steel bracket without surface treatment</li> <li>- For welding to mounting plates of all kinds. Lateral space requirement for installation: 23 mm + thickness of mounting plate</li> <li>- Must be used with spring ring Cat. No. 4350026 or locking spring ring Cat. No. 4350027 (not included)</li> <li>- Maximum motor torque - 85 Nm or 100 Nm depending on spring ring and quality of weld</li> <li>- Maximum system load - 200 Kg. (441 Lbs.) when used with locking spring ring Cat. #4350027</li> </ul>

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## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070504  6070506	<p><b>Heavy Duty Angle Plate with Universal Motor Bracket</b></p> <ul style="list-style-type: none"> <li>- With two M8 screws and nuts included</li> <li>- Angle plate (zinc-plated steel)</li> <li>- Three adjustment positions possible</li> <li>- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring Cat. #4350027</li> <li>- Maximum system load - 130 Kg. (287 Lbs.) or 200 Kg. (441 Lbs.) when used with locking spring ring Cat. #4350027</li> </ul> <p><b>Heavy Duty Angle Plate</b></p> <ul style="list-style-type: none"> <li>- Same as above but without the universal motor bracket</li> </ul>
	6070507	<p><b>Motor Bracket With Spring Ring (120 mm x 120 mm)</b></p> <ul style="list-style-type: none"> <li>- Four mounting holes provided</li> <li>- Zinc-plated steel</li> <li>- Lateral space requirement for installation: 28 mm</li> <li>- Maximum motor torque - 85 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070510	<p><b>Motor Bracket With Spring Ring (100 mm x 100 mm)</b></p> <ul style="list-style-type: none"> <li>- Four mounting holes provided with a through hole in the center of the bracket</li> <li>- Zinc-plated steel</li> <li>- Lateral space requirement for installation: 28 mm</li> <li>- Maximum motor torque - 85 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>

Note: Maximum system load will vary depending on application. SOMFY recommends testing of components in actual application to determine its suitability.



# LT50/60 Mechanical Accessories

## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070511	<p><b>LT50/60 Radial Motor Bracket</b></p> <ul style="list-style-type: none"> <li>- Maximum motor torque 80 Nm</li> <li>- Zinc plated steel</li> <li>- Allows for easy removal of LT motor without removing entire bracket. It disassembles in 2 pieces with one part remaining attached to structure</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070513	<p><b>LT50 Universal Motor Bracket</b></p> <ul style="list-style-type: none"> <li>- Maximum motor torque - 50 Nm</li> <li>- Zinc plated steel</li> <li>- Maximum system load - 115 Kg. (254 Lbs.)</li> </ul>
	6070509	<p><b>LT50 Adjustable Universal Motor Bracket</b></p> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Without molded nuts</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load - 115 Kg. (254 Lbs.)</li> <li>- Replaces SOMFY Cat. No. 6070514</li> </ul>
	6070515	<p><b>Retrofit Brackets</b></p> <ul style="list-style-type: none"> <li>- Zinc plated steel - yellow</li> <li>- LO LT motor bracket with a 10 mm stud. Vertical pin hole</li> <li>- Mounting screws Cat. No. 4000551 not included</li> <li>- Maximum motor torque - 25 Nm for new LT applications - 35 Nm for replacing LS motor with LT motor</li> <li>- Maximum system load - 70 Kg. (154 Lbs.)</li> </ul>
	6070516	<p><b>Same as above, except pin hole is horizontal</b></p>
	6070517	<p><b>"LO" LT50 Motor Bracket</b></p> <ul style="list-style-type: none"> <li>- Comes with two 5 mm motor mounting screws</li> <li>- Maximum motor torque 50 Nm</li> <li>- Zinc plated steel</li> <li>- Maximum system load - <b>See note below</b></li> </ul>

Note: Maximum system load will vary depending on application. SOMFY recommends consulting of component manufacturer's actual application to determine its suitability.

# LT50/60 Mechanical Accessories

## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070518	<b>Adjustable Motor Bracket with Spring Ring</b> <ul style="list-style-type: none"> <li>- Zinc-plated steel</li> <li>- Horizontally and Vertically adjustable</li> <li>- Lateral space requirement for installation: 27 mm</li> <li>- Maximum motor torque 50 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070519	<b>LT50 HA Motor Bracket</b> <ul style="list-style-type: none"> <li>- Allows flush mounting of the motor head against the mounting surface</li> <li>- Zinc plated steel</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070522	<b>LT RH Motor Bracket</b> <ul style="list-style-type: none"> <li>- Pin hole is vertical</li> <li>- Zinc plated steel</li> <li>- 10 mm square stud</li> <li>- Maximum motor torque - 25 Nm</li> <li>- Mounting Screws Cat. No 4000555 included</li> <li>- Maximum system load - 70 Kg. (154 Lbs.)</li> </ul>
	6070523	<b>Same as above except pin hole is horizontal</b>
	6070524	<b>LT60 Retrofit Bracket with Spring Ring</b> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Maximum motor torque - 80 Nm</li> <li>- Allows retrofitting new LT60 motor into old 600s brackets</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6070525	<b>LT Motor Bracket with a Square 16 x 16 mm Stud</b> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Maximum motor torque - 80 Nm</li> <li>- Required spring ring Cat. No. 4350026 not included</li> <li>- Maximum system load - <b>See note below</b></li> </ul>

Note: Maximum system load will vary depending on application. SOMFY recommends testing of components in actual application to determine suitability.

# LT50/60 Mechanical Accessories

## Motor Brackets

Dimensions (mm)	Cat. Number	Description
	6070526	<p><b>LT50 Angle Bracket</b></p> <ul style="list-style-type: none"> <li>- For ceiling and wall installation</li> <li>- Zinc plated steel</li> <li>- Horizontally and vertically adjustable</li> <li>- Maximum motor torque - 50Nm</li> <li>- Maximum system load - <b>See note below</b></li> <li>- Replaces SOMFY Cat. No. 6070193</li> </ul>
	6070188	<p><b>CTS50 Motor Mounting Bracket (Cord Take-Up System)</b></p> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Attaches directly to LT50 motor head (48 mm on center)</li> <li>- Adaptable for Nichibei headrail (70 x 70)</li> <li>- Maximum motor torque - 10Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>

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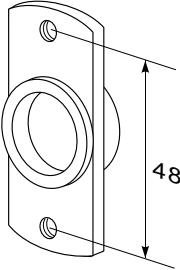
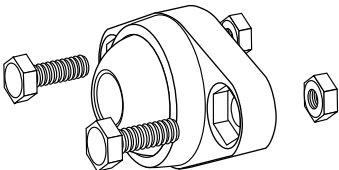
## Idler Brackets

Dimensions (mm)	Cat. Number	Description
	6080189	<b>CTS50 Motor Idler Bracket (Cord Take-Up System)</b> <ul style="list-style-type: none"> <li>- Zinc plated</li> <li>- 10 mm square shaft with ball bearings</li> <li>- Adaptable for Nichibei headrail(70 x 70)</li> <li>- Maximum motor torque - 10Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6080254	<b>LT Idler End Bracket (inside diameter 10 mm)</b> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- 10 mm ID Nylon ball bearing</li> <li>- Compatible with motor bracket 6070082 and 6070513</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load 130 Kg. (287 Lbs.)</li> <li>- Replaces Somfy Cat. No. 6080048</li> </ul>
	6080255	<b>Same as above but with a 12 mm ID Nylon Ball Bearing</b> <ul style="list-style-type: none"> <li>- Replaces Somfy Cat. No. 6080228</li> </ul>
	6080105 6080138 6080241 6080149	<b>Idler Bracket 10 mm Ball Bearing and Holder Kit</b> <b>Nylon Ball Bearing with 10 mm ID</b> <b>Nylon Ball Bearing with 12 mm ID</b> <b>Ball Bearing Holder</b> <ul style="list-style-type: none"> <li>- Used with Cat. No. 6080138 or 6080241 ball bearings</li> <li>- Zinc plated steel</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load - up to 130 Kg. (287 Lbs.)</li> </ul>
	6080116	<b>Heavy Duty Idler Bracket</b> <ul style="list-style-type: none"> <li>- Used with end cap having stationary 16 mm diameter shaft (example Cat. No. 6090256)</li> <li>- Cotter pin holding end cap's shaft included</li> <li>- Zinc plated steel</li> <li>- Maximum motor torque - 100 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6080206	<b>LT50 Round Anti-Vibration Idler Bracket</b> <ul style="list-style-type: none"> <li>- Zinc plated steel with a 10 mm round insert surrounded by rubber</li> <li>- Compatible with matching motor bracket Cat. #6070238</li> <li>- Can be mounted on 6070526</li> <li>- Maximum motor torque - 20Nm</li> <li>- Can reduce sound levels by 4-5 dB</li> <li>- maximum system load - <b>See note below</b></li> </ul>
	6080218	<b>LT50 Idler Bracket with 14 mm ID Bearing</b> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Adjustable bearing location</li> <li>- Maximum motor torque - 50 Nm</li> <li>- Maximum system load - <b>See note below</b></li> <li>- Replaces SOMFY Cat. No. 6080217</li> </ul>

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# LT50/60 Mechanical Accessories

## Idler Brackets

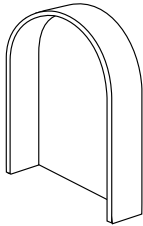
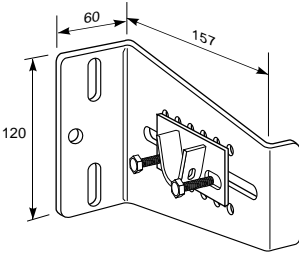
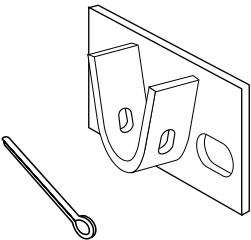
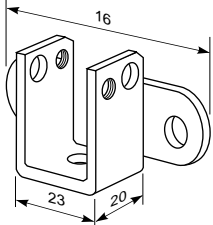
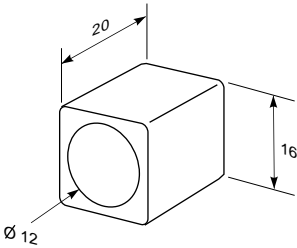
Dimensions (mm)	Cat. Number	Description
	<p>9080239</p> <p>6080239</p> <p>6050438</p>	<p><b>Idler End Bearing Support for 14 mm Diameter Shaft</b></p> <ul style="list-style-type: none"> <li>- Two threaded mounting holes for M5 screws</li> <li>- Sintered Brass in a zinc plated steel plate</li> <li>- Mounting hardware included</li> <li>- Compatible with shaft (Cat. No.6090207) and brackets (6070003 and 6070283)</li> <li>- Maximum motor torque 50 Nm</li> <li>- Maximum system load - <b>See note below</b></li> </ul> <p><b>Same as above but hardware not included</b></p> <p><b>Idler End Bearing Support for 16 mm Dia. Shaft (no hardware)</b></p>
	<p>6080250</p>	<p><b>Idler End 12 mm Nylon Ball Bearing with Holder</b></p> <ul style="list-style-type: none"> <li>- Cast aluminum</li> <li>- Compatible with (bracket Cat. No. 6070506)</li> <li>- Maximum motor torque: <ul style="list-style-type: none"> <li>- FTS range - 25 Nm</li> <li>- LT range - 100 Nm</li> </ul> </li> <li>- Maximum system load - 130 Kg. (287 Lbs.)</li> </ul>

Note: Maximum system load will vary depending on application & SOMFY recommends testing of component in actual application to determine suitability.



# LT50/60 Mechanical Accessories

## Idler Brackets

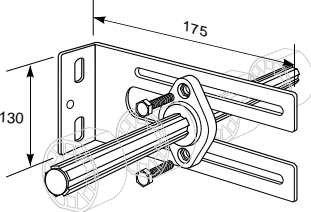
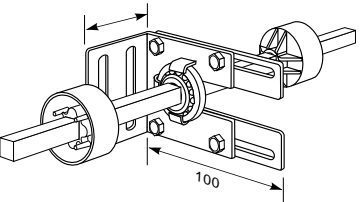
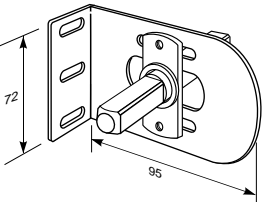
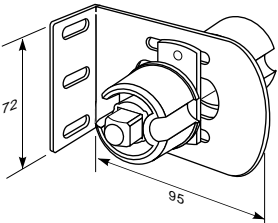
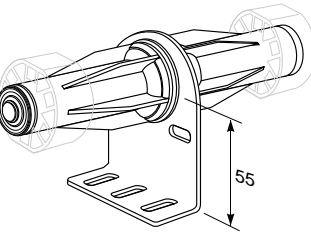
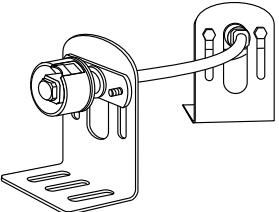
Dimensions (mm)	Cat. Number	Description
	6080262	<b>White Dress Cover for Idler Brackets</b> 6080254, 6080255 and motor brackets 6070082, 6070513 - White composite - Replaces SOMFY Cat. No. 6080252
	6080256	<b>Heavy Duty Idler Bracket with Idler End Cap Holder</b> - Two screws and cotter pin included - Zinc plated steel, gauge 3(0.2391 in.) - Used with end cap having stationary 16 mm diameter shaft - Maximum motor torque when properly installed with cotter pin: - FTS range - 55 Nm - LT range - 100 Nm - Maximum system load - 200 Kg. (441 Lbs.)
	6080257	<b>Idler End Cap Holder</b> - Zinc plated steel - Compatible with bracket (Cat. No. 6070506) - Used with end cap having stationary 16 mm diameter shaft - Maximum motor torque when properly installed with cotter pin: - FTS range - 55 Nm - LT range - 100 Nm - Maximum system load - 200 Kg. (441 Lbs.) - Open end of the "U" must face up
	6080528	<b>"U" Shaped Idler Bracket</b> - Zinc plated steel - Idler bearing securing screw included - Maximum motor torque - 40Nm - Maximum system load - 115 Kg. (254 Lbs.)
	6080529	<b>Idler Bearing (for Ø12mm Shaft)</b> - Nylon - Maximum motor torque - 40Nm - Compatible with #6080528 - Maximum system load - 115 Kg. (254 Lbs.)

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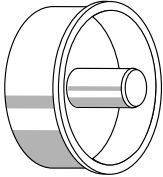
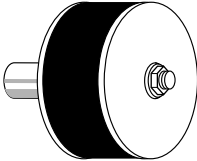
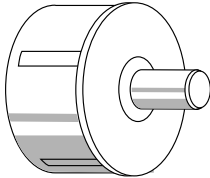
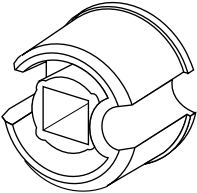
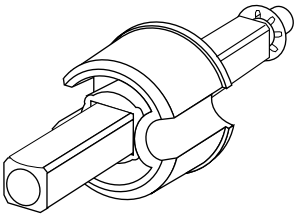
## Intermediate Brackets

Dimensions (mm)	Cat. Number	Description
	6050256	<b>Heavy Duty LT Intermediate Support Bracket</b> <ul style="list-style-type: none"> <li>- Will adapt to any tube profile using tube matching LT drives</li> <li>- The 4 drives are not included and must be specified separately</li> <li>- Maximum motor torque:               <ul style="list-style-type: none"> <li>FTS range - 55 Nm, LT range - 100 Nm</li> </ul> </li> <li>- Heavy gauge 3(0.24 in.), zinc plated steel</li> <li>- Extruded aluminum shaft with heavy duty roller bearing</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6050269	<b>Light Duty LT50 Intermediate Support Bracket for a 2" T ube</b> <ul style="list-style-type: none"> <li>- Maximum torque - 50 Nm</li> <li>- Zinc plated steel</li> <li>- Adjustable ball bearing location</li> <li>- 2 adjustable cast aluminum drives included along a steel shaft</li> <li>- Maximum system load - <b>See note below</b></li> </ul>
	6050347	<b>LT50 Intermediate Bracket with 16 mm ID Bearing</b> <ul style="list-style-type: none"> <li>- Zinc plated steel</li> <li>- Cat. No. 6050438 16 mm bearing plate also sold separately</li> <li>- Cat. No. 6090252 square shaft also sold separately</li> <li>- Maximum motor torque:               <ul style="list-style-type: none"> <li>FTS range - 25Nm, LT50 range - 50Nm</li> </ul> </li> <li>- Maximum system load - 69 Kg. (152 Lbs.)</li> </ul>
	6050360	<b>LT50 Adjustable Intermediate Support Bracket for a 2" T ube</b> <ul style="list-style-type: none"> <li>- Zinc plated steel bracket</li> <li>- Cast aluminum drives, with set screw - set screw must use lock tight to prevent screw from vibrating free</li> <li>- Maximum motor torque:               <ul style="list-style-type: none"> <li>FTS range - 25Nm, LT50 range - 50Nm</li> </ul> </li> <li>- Maximum system load - 69 Kg. (152 Lbs.)</li> </ul>
	6050371	<b>LT50 Adjustable Intermediate Support Bracket for a 2.5" T ube</b>
	6050530	<b>LT Intermediate Bracket for 2" T ube Only</b> <ul style="list-style-type: none"> <li>- Zinc plated steel bracket</li> <li>- Composite end caps</li> <li>- Maximum motor torque - 15 Nm</li> <li>- Requires properly notched 2" tube for transfer of torque</li> <li>- Recommended tube used included with 2LT drives</li> <li>- Maximum system load - 69 Kg. (152 Lbs.)</li> <li>- Compatible with LT brackets 6070082, 6080254, and 6080255</li> </ul>
	6180451	<b>LT50 Flexible Intermediate Bracket Kit for 2" T ube</b> <ul style="list-style-type: none"> <li>- Maximum angle up to 30°</li> <li>- Maximum effective motor torque - 7 Nm</li> <li>- Zinc plated steel bracket</li> <li>- Cast aluminum drives and flexible coiled steel shaft</li> <li>- Maximum system load - 28 Kg. (60 Lbs.)</li> </ul>
	6180452	<b>- Same as above except for maximum angle up to 45°</b>

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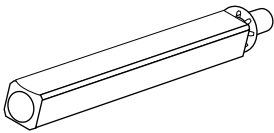
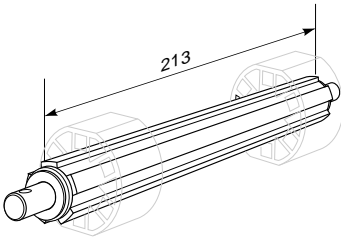
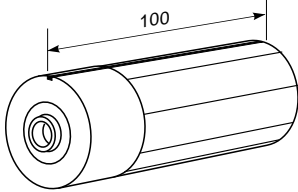
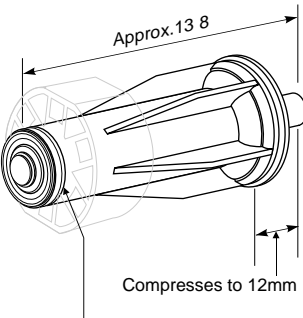
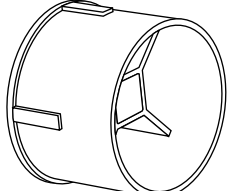
## End Caps

Dimensions (mm)	Cat. Number	Description
	6090005	<b>Die Cast End Cap</b> - For tube diameter 2" (50 mm) - Shaft Diameter 0.39" (10 mm) - Maximum motor torque - 50 Nm - Maximum system load - <b>See note below</b>
	6090285	<b>Same as Above but with 12 mm Shaft</b>
	6090016	<b>2" Anti-Vibration End Cap</b> - For tube diameter 2" (50 x 1.5 mm, 50 x 1.6 mm) - Shaft Diameter 0.39" (10 mm) - Zinc plated steel parts with molded rubber - Maximum system load - <b>See note below</b>
	6090027	<b>Molded Composite End Cap</b> - For tube diameter 2.5" (63 mm) - Shaft Diameter 0.59" (15 mm) - Maximum motor torque - 40 Nm - Maximum system load - <b>See note below</b>
	6090072	- For tube diameter 2.0" (50 mm) - Shaft diameter 0.40" (10 mm) - Maximum motor torque - 50 Nm - Maximum system load - <b>See note below</b>
 <p><b>NOTE: Set screw must use Lock-tight to prevent screw from vibrating free.</b></p>	6090162	<b>2" Tube Idler End Cap without Shaft</b> - Cast aluminum with set screw
	6090173	<b>2.5" Tube Idler End Cap without Shaft</b> - Cast aluminum with set screw
	6090184	<b>2.75" Tube Idler End Cap without Shaft</b> - Cast aluminum with set screw
 <p><b>NOTE: Set screw must use Lock-tight to prevent screw from vibrating free.</b></p> <p><b>For maximum system load of these parts - See note below</b></p>	6090094	<b>2" Tube Adjustable End Cap with 12 mm Diameter Shaft</b> - Kit containing (6090162, 6090195) - Cast aluminum with set screw
	6090139	<b>2" Tube Adjustable End Cap with 14 mm Diameter Shaft</b> - Kit containing (6090162, 6090207) - Cast aluminum with set screw
	6090106	<b>2.5" Tube Adjustable End Cap with 12 mm Diameter Shaft</b> - Kit containing (6090173, 6090195) - Cast aluminum with set screw
	6090140	<b>2.5" Tube Adjustable End Cap with 14 mm Diameter Shaft</b> - Kit containing (6090173, 6090207) - Cast aluminum with set screw
	6090151	<b>2.75" Tube Adjustable End Cap with 14 mm Diameter Shaft</b> - Kit containing (6090184, 6090207) - Cast aluminum with set screw

Note: Maximum system load will vary depending on application. SOMFY recommends testing of components in actual application to determine suitability.

# LT50/60 Mechanical Accessories

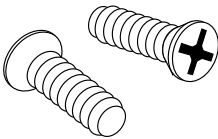

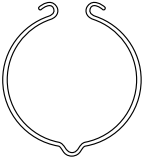
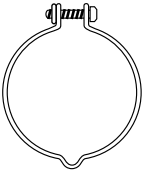

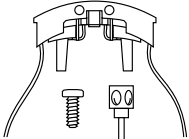
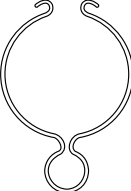
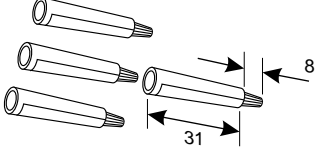
## End Caps

Dimensions (mm)	Cat. Number	Description
	6090195	<b>13 mm Square Drive Shaft with 12 mm Diameter Shaft</b> - Zinc plated steel shaft
	6090207	<b>13 mm Square Drive Shaft with 14 mm Diameter Shaft</b>
	6090256	<b>Heavy Duty End Cap with 16 mm Diameter Shaft</b> - Adaptable to any tube profile using matching I drives - To be used with Idler bracket accepting stationary shaft Cat. No. 6080257 - Extruded aluminum shaft with heavy duty ball bearings - Maximum motor torque: - FTS range - 55 Nm - LT range - 100 Nm - Maximum system load - 200 Kg. (441 Lbs.)
	6090318	<b>Roller Tube End Cap with 12 mm Hole</b> - For tube 50 x 1.5 mm - Black composite with ball bearing - Maximum system load - <b>See note below</b>
 <p>Retaining Clip# 4210017 attaches here</p> <p>Compresses to 12mm</p>	6090323	<b>Universal End Cap for 2" T ube with 10 mm Collapsible Shaft</b> - Requires notched 2" tube and 2" drive (Cat. No. 6061351) held in place with retaining clip included - Black composite - Maximum motor torque: - With awning - 50 Nm - With FTS - 25 Nm - Maximum system load - 40 Kg. (88 Lbs.)
	6090324	<b>Same as above but with 12 mm shaft</b> - Both end caps are adaptable to other tube profiles using LT50 motor crowns and drives. SOMFY recommends using these end caps in conjunction with the LT drive. - Same torque & load rating as above.
	6090325	<b>Same as above but with 14 mm Shaft</b>
	6090190	<b>Idler End Cap for CTS 50 T ube</b> - Maximum system load - <b>See note below</b> - Used with Cat. No. 6080189

Note: Maximum system load will vary depending on application. SOMFY recommends testing of components in actual application to determine suitability.

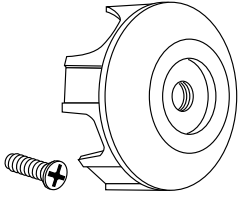
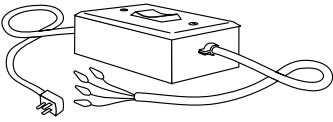
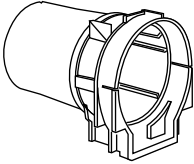
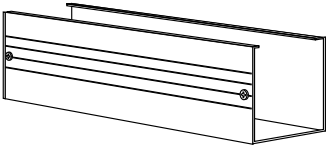

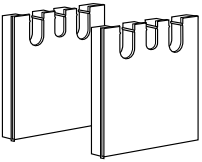
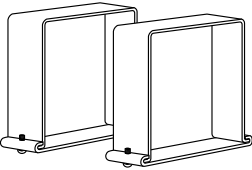
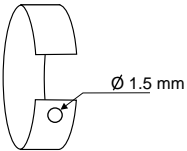
# LT50/60 Mechanical Accessories

## Miscellaneous

Dimensions (mm)	Cat. Number	Description
	4000551 (each)  4000555  4000556	<p><b>LT50 Motor Mounting Screws-</b> Flat Head, Self Tapping Tri lobe 5mm Dia. (13mm Deep) - Used with brackets Cat. No. 6070515 and 6070516 When using screws or brackets other than by SOMFY , please contact our sales department for complete motor mounting specifications.</p> <p><b>LT50 RH Motor Mounting Screws -</b> Flat Head, Self Tapping Tri lobe 4mm Dia. ( 9mm Deep)</p> <p><b>ILT RH Motor Mounting Screws -</b> Flat Head, Self Tapping Tri Lobe 5mm Dia. (12mm Deep)</p>
	4350002	<b>Cotter Pin - 3.5mm x 45mm</b>
	4350026	<b>Spring Ring</b> - Used with Brackets and Motors rated up to 80 Nm maximum - Stainless steel spring type
	4350027	<b>Locking Spring Ring</b> - Must be used with all brackets in combination with the 6100R2 motor or installations where flexing of the tube is abnormally high - Used with brackets and motors rated up to 100 Nm - Spring type stainless steel - Locking screw must be secured to prevent the motor from disengaging from the universal bracket
	4350028	<b>Pull-off Tool for Spring Ring</b> - Black finished steel
	4350029	<b>Cord Setting Tool</b> - Permits setting of the UP and Down positions when there is limited access to the motor's limit switch buttons - Instructions included
	4350030	<b>Spring Ring with Loop</b> - Used with Brackets and Motors rated up to 80 Nm maximum - Allows for easy hand removal from the bracket - Spring type stainless steel
	4350031	<b>Limit Switch Button Extensions</b> - Consists of 2 white and 2 yellow extensions

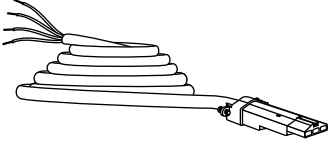
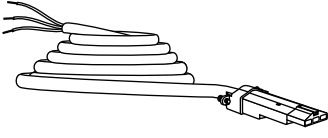
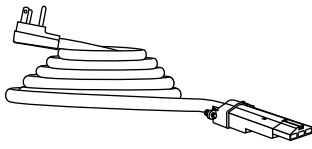
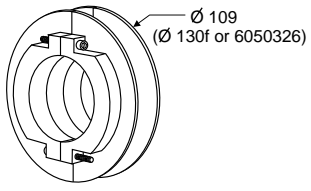
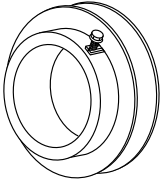
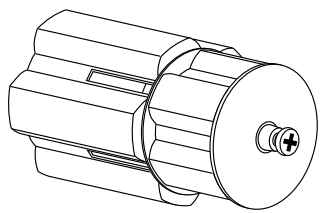
# LT50/60 Mechanical Accessories

## Miscellaneous

Dimensions (mm)	Cat. Number	Description
	4350032	<b>LT50 Stop Wheel</b> - Screws into the motor output shaft to prevent drive from coming off shaft - Instructions included - Black composite stop
	4350036	<b>LT60 Stop Wheel</b> - Same as above but with a screw adaptable to the LT60 operators
	6020086	<b>Tester Cable - 4 Wire</b> - Allows for easy setting of the LT motor limit switches before connecting the motor to the controlling device
	6020087	<b>FTS Tester Cable - 5 Wire</b> - Same as above, but for the FTS (Fabric Tension System)
	6180500	<b>CTS 50 Kit</b>
	6050185	<b>Headrail for CTS 50</b>
	6050186	<b>Headrail Cover for CTS 50</b>
	6050184	<b>Finished Side Caps for CTS 50 Headrail</b>
	6080183	<b>Headrail Mounting Brackets</b>
 $\varnothing 1.5 \text{ mm}$	6050090	<b>Fabric Fastening Clip for 2" (50 mm) O.D. Tube</b> - Made out of spring steel
	6050102	<b>Fabric Fastener for 2.5" (63 mm) O.D. Tube</b>

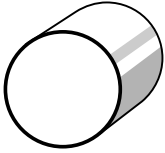


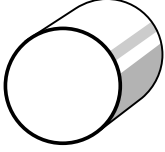


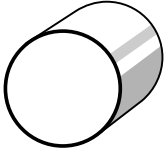


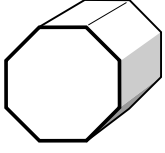




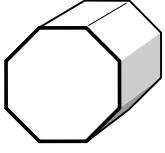



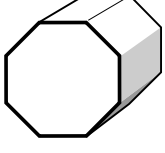



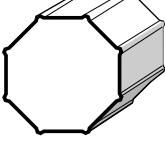


# LT50/60 Mechanical Accessories

## Cables and Miscellaneous

Dimensions (mm)	Cat. Number	Description	
	6020500	<u><b>Standard Motor Cables Without Plug (4 wire)</b></u> LT Motor Cable - 6 Ft. LT Motor Cable - 12 Ft. LT Motor Cable - 24 Ft. LT Motor Cable - 6 Ft. long with waterproof plug	
	6020501		
	6020502		
	6020505		
		6020543	<u><b>LT RTS and IL T Motor Cables Without Plug (3 wire)</b></u> LT Motor Cable - 3 Ft. LT Motor Cable - 6 Ft. LT Motor Cable - 12 Ft. LT Motor Cable - 18 Ft. LT Motor Cable - 24 Ft.
		6020540	
		6020541	
		6020544	
		6020542	
		6020546	<u><b>LT RTS and IL T Motor Cables With Plug</b></u> Plug-in Cable with 5-15P NEMA Plug - 3 Ft. Plug-in Cable with 5-15P NEMA Plug - 6 Ft. Plug-in Cable with 5-15P NEMA Plug - 12 Ft. Plug-in Cable with 5-15P NEMA Plug - 18 Ft. Plug-in Cable with 5-15P NEMA Plug - 24 Ft.
		6020547	
		6020548	
		6020570	
		6020549	
		6050337	<b>50 x 1.5 mm (approx. 2") Tube Cord Take-up Reel</b> - Material - Cast aluminum alloy - Shipped unassembled in 4 pieces - Adjustable tape width
6050326		<b>63 x 1.5 mm (approx. 2.5") Tube Cord Take-up Reel</b>	
	6050517	<b>2" Tube Take-up Reel (outside dia. 89mm)</b> - Material ABS - Maximum tape width - 9 mm	
	6050519	<b>40mm tube take-up reel (outside dia. 66mm)</b>	
	6061301	<u><b>Anti-Blocking System (ABS)</b></u> <b>ABS Wheel - Left Rotation</b> - Maximum motor torque - 30 Nm <b>ABS Wheel - Right Rotation</b> - Maximum motor torque - 30 Nm The input of the ABS wheel fits the LT50 motor shaft. The output shaft will accept any of the LT50 drive wheels. Drive retaining washer is included. In the up direction, 30 Nm can be lifted. If an obstacle is detected in the down direction then the motor will spin freely and not damage the product. A momentary switch or Somfy controls having 3 min. time out are required.	
	6061302		
	6061303	<b>Same as above but with greater torque threshold which is required to activate the ABS</b> - CMO ABS left rotation - maximum motor torque - 30 Nm - CMO ABS right rotation - maximum motor torque - 30 Nm	
	6061305		
	6061305		

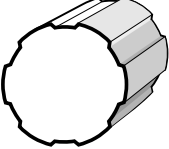


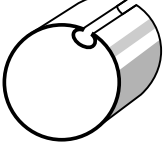


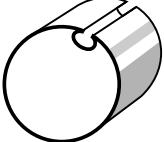


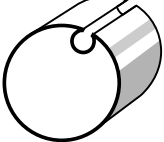


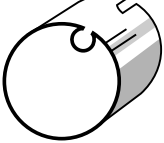


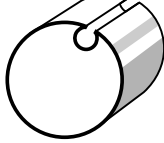


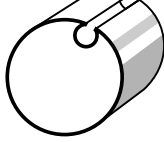


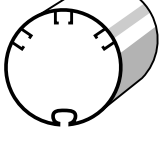


# LT50/60 Mechanical Accessories

## Crowns and Drives

Tube Profiles	Cat. Number	Description
  	6061350 6061351	Basic Motor Crown  2.0" Round LT50 Drive (50 mm x 1.5 mm) - Soft clip 2.0" Round LT50 Drive (50 mm x 1.5 mm) - Hard clip
  	6061414  <b>6061352</b>  6061316 6061317	2.5" Round LT50 Crown  <b>2.5" Round LT50 Set "Hard Clip"</b>  2.5" Round LT Drive (63 mm x 1.5 mm) - Soft clip 2.5" Round LT Drive (63 mm x 1.5 mm) - Hard clip
  	6060158 6060181 <b>6061353</b> <b>6061400</b> 6061354 6061318	2.75" Round LT50 Crown 2.75" Round LT60 Crown <b>2.75" Round LT50 Set</b> <b>2.75" Round LT60 Set</b> 2.75" Round LT Drive (70 mm x 1.5 mm) - Soft clip 2.75" Round LT Drive (70 mm x 1.5 mm) - Hard clip
    	6061385 6061415  <b>6061355</b>  6061386 6061356	50 mm Octagonal LT50 Crown 60 mm Octagonal LT50 Crown  <b>60 mm Octagonal LT50 Set</b>  50 mm Octagonal LT Drive 60 mm Octagonal LT Drive
   	9060271  <b>6061357</b>  6061322	70 mm Octagonal LT50 Crown  <b>70 mm Octagonal LT50 Set</b>  70 mm Octagonal LT Drive
   	6060306  9060271  6061331	70 mm Octagonal LT60 Crown  70 mm Octagonal LT50 Crown  70 mm Octagonal Aluminum LT50/60 Drive Wheel Kit
  	6060306  <b>6061401</b>  6061322	70 mm Octagonal LT60 Crown  <b>70 mm Octagonal LT60 Set</b>  70 mm Octagonal LT Drive

# LT50/60 Mechanical Accessories

## Crowns and Drives

Tube Profiles	Cat. Number	Description
  	6060653	165 LT50 Crown
	<b>6061366</b>	<b>165 LT50 Set</b>
	6061365	165 LT50 Drive
  	6060428	DS 70 LT50 Crown (3 mm offset)
	<b>6061360</b>	<b>DS 70 LT50 Set (3 mm offset)</b>
	6061361 6060370	DS 70 LT Drive (0.8 -1 mm wall thickness) (3 mm offset) DS 70 LT Drive (1.2 -1.5 mm wall thickness) (3 mm offset)
  	6060585	DS 74 LT50 Crown
	<b>6061362</b>	<b>DS 74 LT50 Set</b>
	6061363	DS 74 LT Drive
  	6060619 6060473	DS 78 LT50 Crown DS 78 LT60 Crown
	<b>6061364</b>	<b>DS 78 LT50 Set</b>
	6061325	DS 78 LT Drive
  	6060855 + 6061414	DS 78/R LT50 Crown (4.4 mm offset)
	6060855	DS 78/R LT60 Crown (4.4 mm offset)
	6061324	DS 78/R LT Drive (4.4 mm offset)
  	6061126 + 6061414	DS 78/D LT50 Crown (2.5 mm offset)
	6061126	DS 78/D LT60 Crown (2.5 mm offset)
	6061326	DS 78/D LT Drive (2.5 mm offset)
  	6061238 6061216	DS 85 LT50 Crown DS 85 LT60 Crown
	6061327	DS 85 LT Drive
  	6061368	SM 65 LT50 Crown - 3 Grooves
	6061369	SM 65 LT Drive

# LT50/60 Mechanical Accessories

## Crowns and Drives

Tube Profiles	Cat. Number	Description
	6061375	AMA71 LT50 Crown
	6061374	AMA71 LT50 Drive
	6060394	P72 LT60 Crown (4 mm offset)
	9060338	P72 LT50 Crown Set (4 mm offset)
	<b>6061358</b>	<b>P72 LT50 Set (4 mm offset)</b>
	6061323	P72 LT Drive (4 mm offset)
	6061376	LT60 Drive (78 mm)
	6061377	LT60 Crown (78 mm)
	6061092	I85 LT60 Crown
	<b>6061115</b>	<b>I85 LT60 Set</b>
	6061328	I85 LT Drive
	6060563	3.5" Round LT50 Crown (81mm x 1mm)
	6060530	3.5" Round LT60 Crown (89mm x 2mm)
	<b>6061359</b>	<b>3.5" Round LT50 Set</b>
	<b>6061402</b>	<b>3.5" Round LT60 Set</b>
	6061320	3.5" Round LT Drive (89 mm x 2 mm)
	6061319	3.5" Round LT Drive (89 mm x 1 mm)
	6060877	4.0" Round LT60 Crown
	<b>6060934</b>	<b>4.0" Round LT60 Set</b>
	6061321	4.0" Round LT Drive (102 mm x 2 mm)
	6061380	2" LT Drive for CTS 50 Tube