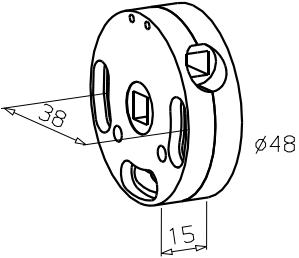
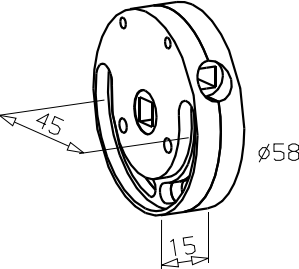
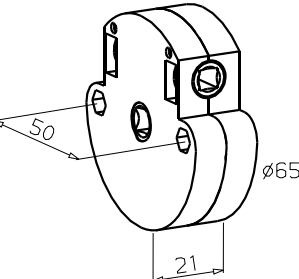
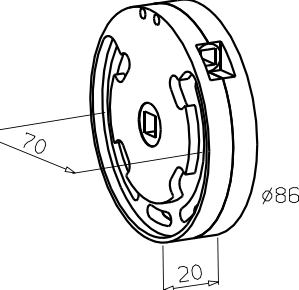


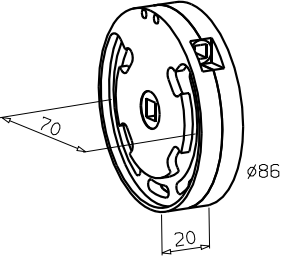
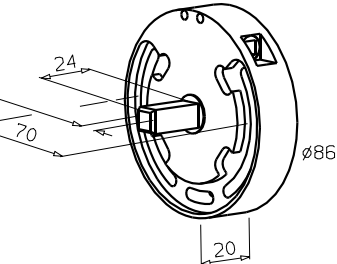
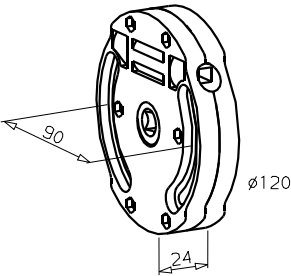



Manual Accessories Shade System Gears

Item	Reference	Description
<p>Series 1415 Mini</p> 	<p>2002436 2002444</p>	<p>Gear Ratio 1.5/1, input square 6mm, output square 7mm, Max. load 9 lbs. Gear Ratio 2.8/1, input square 6mm, output square 7mm, Max. load 15 lbs.</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Above gears have no limit stops. - All dimensions are in millimeters. - Above load data is based on 40mm roller tube.
<p>Series 1415</p> 	<p>2002453 2002459 2002466</p>	<p>Gear Ratio 1.7/1, input square 6mm, output square 7mm, Max. load 10 lbs. Gear Ratio 2.8/1, input square 6mm, output square 7mm, Max. load 15 lbs. Gear Ratio 4/1, input square 6mm, output square 7mm, Max. load 20 lbs.</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Above gears have no limit stops. - All dimensions are in millimeters. - Above load data is based on 40mm roller tube.
<p>Series 1421</p> 	<p>2002421 2002422 2002427 2002428</p>	<p>Gear Ratio 3/1, input square 6mm, output square 7mm, Max. load 15 lbs. Gear Ratio 5/1, input square 6mm, output square 7mm, Max. load 21 lbs. Gear Ratio 3/1, input square 6mm, output square 7mm, Max. load 15 lbs. no stops Gear Ratio 5/1, input square 6mm, output square 7mm, Max. load 21 lbs. no stops</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Capacity 18 turns with limit stops. - All dimensions are in millimeters. - Above load data is based on 40mm roller tube.
<p>Series 1420</p> 	<p>2002010 2002013 2002016 2002037</p>	<p>Gear Ratio 5/1, input square 6mm, output square 7mm, Max. load 44 lbs. Gear Ratio 5/1, input hex 6mm, output square 7mm, Max. load 44 lbs. Gear Ratio 5/1, input hex 7mm, output square 7mm, Max. load 44 lbs. Gear Ratio 7/1, input hex 6mm, output square 7mm, Max. load 55 lbs. no stops</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Capacity 17 turns with limit stops. - All dimensions are in millimeters. - Above load data is based on 40mm roller tube.



Manual Accessories Shutter System Gears

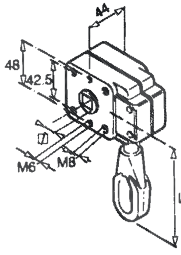
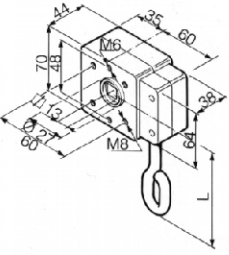
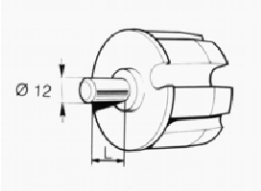
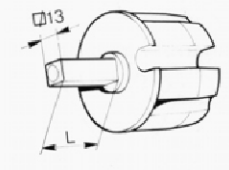
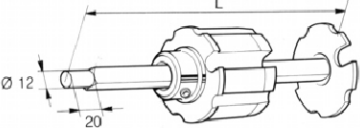
Item	Reference	Description
<p>Series 1420</p> 	<p>2002018 2002035</p>	<p>Gear Ratio 5/1, input hex 7mm, output square 10mm, Max. load 33 lbs. Gear Ratio 7/1, input hex 7mm, output square 10mm, Max. load 44 lbs.</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Capacity 17 turns with limit stops. - All dimensions are in millimeters. - Above load data is based on 60mm roller tube.
<p>Series 1420M</p> 	<p>2002030 2002041</p>	<p>Gear Ratio 5/1, input hex 7mm, male output square 10mm, Max. load 33 lbs. Gear Ratio 7/1, input hex 7mm, male output square 10mm, Max. load 44 lbs.</p> <ul style="list-style-type: none"> - Aluminum zamak outside casing - Hardened steel inside worm gear - Capacity 17 turns with limit stops. - All dimensions are in millimeters. - Above load data is based on 60mm roller tube.
<p>Series 1424</p> 	<p>2002139 2002142 2002140 2002144 2004051 2002146</p>	<p>Gear Ratio 5/1, input hex 7mm, output square 10mm, Max. load 28 lbs. Gear Ratio 5/1, input hex 7mm, output square 16mm, Max. load 28 lbs. Gear Ratio 8/1, input hex 7mm, output square 10mm, Max. load 46 lbs. Gear Ratio 8/1, input hex 7mm, output square 16mm, Max. load 46 lbs. Gear Ratio 11/1, input hex 7mm, output square 10mm, Max. load 56 lbs. Gear Ratio 11/1, input hex 7mm, output square 16mm, Max. load 56 lbs.</p> <ul style="list-style-type: none"> - Nylon composite outside casing - Hardened steel inside worm gear - Capacity 16 turns with limit stops. - All dimensions are in millimeters. - Above load data is based on 70mm roller tube.
	<p>2002391 2002392</p>	<p>Sleeve Connector for 1424 Gear Series</p> <ul style="list-style-type: none"> -Square 16mm x 16mm -Square 16mm x 13mm



Manual Accessories

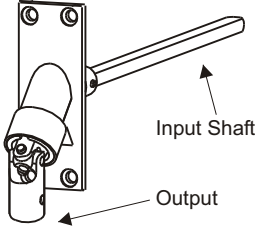
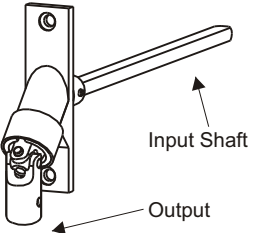
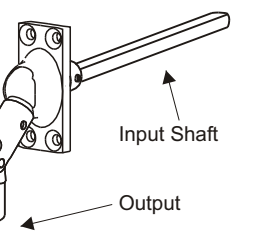
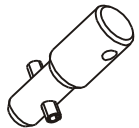
Awning System

Gears, Idle and Gear Inserts

Item	Reference	Description
	2001721	Gear Ratio 7/1, output 13mm - Aluminum zamak outside casing - Hardened steel inside worm gear - Nylon eye or zinc plated steel eye - All dimensions are in millimeters.
	2001710	Gear Ratio 12/1, output 13mm - Aluminum zamak outside casing - Hardened steel inside worm gear - Nylon eye or zinc plated steel eye - All dimensions are in millimeters.
	2003506 2003507 2003508	Idle Insert 60mm L=20mm 70mm L=20mm 78mm L=20mm -Nylon Composite -12mm Zinc Plated Round Steel Pin
	2003509 2003512 2003516	Gear Insert 60mm L=37mm 70mm L=37mm 78mm L=37mm - Nylon Composite -13mm Zinc Plated Square Steel Pin
	2003385	Adjustable Idle Insert 85mm L=200mm -Nylon Composite -12mm Zinc Plated Round Steel Pin



Manual Accessories Shutter System Universals

Item	Reference	Description
<p>4 Hole 90 Degree</p> 	<p>2004125 2004124</p>	<p>Universal 4 hole - 8mm square shaft Universal 4 hole - 7mm hex shaft</p> <ul style="list-style-type: none"> - Stainless steel outside casing - Zinc plated, hardened steel shaft - Shaft length 500mm - Output area 14mm - Adaptable to fixed handle or removable pivot - For interior use only
<p>2 Hole 90 Degree</p> 	<p>2004121 2004120</p>	<p>Universal 2 hole - 8mm square shaft Universal 2 hole - 7mm hex shaft</p> <ul style="list-style-type: none"> - Stainless steel outside casing - Zinc plated, hardened steel shaft - Shaft length 500mm - Output area 14mm - Adaptable to fixed handle or removable pivot - For interior use only
<p>4 Hole 70 Degree</p> 	<p>2004117 2004116</p>	<p>Universal 4 hole - 8mm square shaft Universal 4 hole - 7mm hex shaft</p> <ul style="list-style-type: none"> - Stainless steel outside casing - Zinc plated, hardened steel shaft - Shaft length 500mm - Output area 14mm - Adaptable to fixed handle or removable pivot - For interior use only
	<p>2001775</p>	<p>Universal Pivot</p> <ul style="list-style-type: none"> - Stainless Steel - 13.9mm Universal Input