

						
<b>A &amp; H Series (Al or CRES)</b>	<b>DS Series</b>	<b>MC Series</b>	<b>W Series</b>	<b>X Series</b>	<b>SMC Series (Adhesive assembly)</b>	<b>SSC Series (Soldered assembly)</b>
<b>Description</b>						
<ul style="list-style-type: none"> <li>• General Purpose</li> <li>• Economical</li> <li>• Maintenance Free</li> <li>• US sizes</li> <li>• Aluminum or stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>• Helical double start geometry</li> <li>• Torsionally stiffer than A series.</li> <li>• Aluminum</li> </ul>	<ul style="list-style-type: none"> <li>• Two single start Flexures</li> <li>• Large parallel Misalignment</li> <li>• Available with Keyways</li> <li>• Aluminum or stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>• General Purpose</li> <li>• Economical</li> <li>• Maintenance Free</li> <li>• Metric sizes</li> <li>• Aluminum or stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for servo Applications</li> <li>• High torsional Stiffness</li> <li>• Low radial Loads</li> <li>• Metric sizes</li> <li>• Aluminum</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for light industrial positioning applications (connecting to encoders, stepper motors, XY plots, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for light Industrial Positioning (connecting to encoders, stepper motors, XY plots, etc.)</li> <li>• Hubs are soldered on</li> </ul>
<b>Typical Applications</b>						
<ul style="list-style-type: none"> <li>• Encoder/ Resolver</li> <li>• Pump</li> <li>• Lead screw</li> <li>• Where inch SAE fasteners/ dimensions are required.</li> </ul>	<ul style="list-style-type: none"> <li>• High torsional stiffness needed</li> <li>• Low inertia</li> <li>• Less Misalignments</li> <li>• Rugged applications</li> </ul>	<ul style="list-style-type: none"> <li>• Pump systems</li> <li>• Conveyor Systems</li> <li>• Industrial processing equipment</li> <li>• Rugged applications</li> </ul>	<ul style="list-style-type: none"> <li>• Encoder/ Resolver</li> <li>• Pump</li> <li>• Lead screw</li> <li>• Where metric fasteners/ dimensions are required.</li> </ul>	<ul style="list-style-type: none"> <li>• High performance motion control instruments</li> <li>• Encoder/ Resolvers</li> <li>• Reversing applications</li> </ul>	<ul style="list-style-type: none"> <li>• Encoders</li> <li>• Servos</li> <li>• Actuators</li> <li>• Robotics</li> <li>• CNC machine Tools</li> <li>• Other motion control instruments</li> </ul>	<ul style="list-style-type: none"> <li>• Encoders</li> <li>• Servos</li> <li>• Actuators</li> <li>• Robotics</li> <li>• CNC machine Tools</li> <li>• Other motion control instruments</li> </ul>
<b>Misalignment Compensation</b>						
<ul style="list-style-type: none"> <li>• 5° angular</li> <li>• .010 in parallel offset</li> <li>• .010 in axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 3° angular</li> <li>• .010 inch parallel offset</li> <li>• .008 inch axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 5° angular</li> <li>• .030 inch parallel offset</li> <li>• .010 inch axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 5° angular</li> <li>• .25mm parallel offset</li> <li>• .25mm axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 3° angular</li> <li>• .10-.20mm parallel offset</li> <li>• .25mm axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 1-18° angular</li> <li>• .030-1.14mm parallel offset</li> <li>• .66-6.1mm axial motion</li> </ul>	<ul style="list-style-type: none"> <li>• 1-18° angular</li> <li>• .030-1.14mm parallel offset</li> <li>• .66-6.1mm axial motion</li> </ul>
<b>Torque Range</b>						
1.2-100 lbin	12-234 lbin	20-556 lbin	.59-39 Nm	.3-10 Nm	3.7-2471.8 Ncm	3.7-2471.8 Ncm
<b>Standard Bore Diameters (Inch and/or Metric Bores Available)</b>						
0.059-0.75 in 1.5-19.05 mm	0.118-1.280 in 4.78-32.50 mm	0.156-1.750 in 3.96-44.45 mm	0.118-0.787 in 3-20 mm	0.118-0.875 in 3-20.23 mm	0.079-1.0 in 2-25.4 mm	0.079-1.0 in 2-25.4 mm
<b>Attachment Options</b>						
Clamp or set screw	Clamp	Clamp or set screw keyways optional	Clamp or set screw	Clamp	Clamp or set screw	Clamp or set screw
<b>Operating Temperatures</b>						
Up to 600°F	Up to 200°F	Up to 600°F	Up to 100°C	Up to 100°C	Up to 120°C	Up to 176°C
<b>Speed (In Wind-up Direction)</b>						
10,000 rpm	10,000 rpm	3600 rpm	10,000 rpm	10,000 rpm	N/A	N/A

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