

*A cutting-edge technology, serving
CAD and Engineering professionals.*

SolidMech

SolidMech Library

Contents

- [Bearings](#)
- [Electronics Hardware](#)
- [Fittings](#)
- [Gears](#)
- [Locating Components](#)
- [Mechanical Hardware](#)
- [Metal Shapes](#)
- [Molding Components](#)
- [Motion Components](#)
- [Plastic Extruded Shapes](#)
- [Shaft Components](#)
- [Tooling Components](#)

[Back to Top](#)

Parts in the Bearings family.

1. Angular Contact Ball Bearings
2. Pillow Block Assembly
3. Solid Rod End Bearing Assembly
4. Solid Flange Bearing Assembly
5. Solid Pillow Block Bearing Assembly
6. Spherical Bearing Assembly
7. Ball Bearings
8. Self Aligning Ball Bearings
9. Bearing Guide Rods
10. Bearing Space Collars
11. Ball Screw Support Brackets
12. Double Row Ball Bearings
13. Needle Bearings
14. Needle Bearing Inner Race Only
15. [Pillow Block Parts](#) *View Image!*
16. Rolling Bearing Lock Nuts
17. Double Row Roller Bearings
18. Roller Bearings
19. Double Row Spherical Roller Bearings
20. Double Row Tapered Roller Bearings
21. Four Row Tapered Roller Bearings
22. Solid Flange Bearing Components
23. Solid Non-Rolling Bearings
24. Solid Pillow Block Bearing Components
25. Solid Rod End Bearing Components
26. Sleeve Bearings
27. Spherical Bearing Component
28. Angular Contact Thrust Bearings
29. Cylndrc l Rlr Thrust Brgs
30. Double Direction Thrust Bearings
31. Sphrc l Rlr Thrust Brgs
32. Taprd Rlr Thrust Brgs
33. Thrust Bearings
34. Single Row Tapered Roller Bearings
35. Washers, Thrust

[Back to Top](#)

[Back to Top](#)

Parts in the Electronics Hardware family.

1. Angle Brackets
2. Appliance Feet
3. Handle Assemblies
4. [Motor Assemblies](#) *View Image!*
5. Chassis Fasteners
6. Control Extenders
7. Conical Bumpers
8. Elect Equip Handles
9. Grommets
10. Hex Standoffs, Male / Female
11. Hex Standoffs, Male / Male
12. Hex Standoffs, Partial Threaded
13. Hex Spacers, Non-Thread
14. Hex Threaded Standoffs
15. Handle Assembly Components
16. Instrument Cases
17. Keyhole Standoffs
18. Motor Components
19. Pem Fasteners
20. Pem Right Angle Fasteners
21. Pem Wavegard Assemblies
22. Round Standoffs, Male-Female, Threaded
23. Square Standoffs, Male-Female, Threaded
24. Round Standoffs, Partial-Full Threaded
25. Round Standoffs, Snap-Top
26. Spacers, Non-Thread
27. Support Brackets
28. Square Spacers, Non-Thread
29. Square Threaded Standoffs
30. Swaged Hex Threaded Standoff
31. Swaged Round Threaded Standoffs

[Back to Top](#)

Fittings

[Back to Top](#)

Parts in the Fittings family.

1. [Pipe Fittings Plastic](#) *View Image!*

[Back to Top](#)

Gears

[Back to Top](#)

Parts in the Gears family. (Available in November)

1. Rack Gears
2. Spur Gears, Clamp Type Hub
3. Spur Gears, Cluster Type
4. Spur Gears With Fairloc Hub
5. Spur Gears, Hubless
6. Spur Gears, Hub Type
7. Spur Gears, Keyway Bore

[Back to Top](#)

Locating Components

[Back to Top](#)

Parts in the Locating Components family.

1. Ball Button
2. Bullet Nose Dowels
3. Standard Drill Bushings
4. Extension Supports
5. Fixture Couplings
6. Fixture Keys
7. Jig Legs
8. Locating Comp Mntg Blocks
9. Locating Comp Stops

10. Locating Comp Threaded Position Adjusters
11. Locating Comp Work Guides
12. Locating Blocks
13. Locating Buttons
14. Locating Pins
15. Locating Pin Liners
16. Locating Rings
17. Miscellaneous Fixture & Tooling Parts
18. Pilot Pins
19. Rest Buttons
20. Rest Button Spacers
21. Rest Pads
22. Threaded Retainers
23. Tooling Balls
24. Tooling Ball Pads
25. T-Nuts
26. Workholding Clamps

[Back to Top](#)

Mechanical Hardware

[Back to Top](#)

Parts in the Mechanical Hardware family.

1. Captive Panel Screw Assembly
2. Special Purpose Brackets
3. Clevis Pins
4. Captive Panel Screws And Hardware
5. Cross Bolts And Screws
6. Eye Bolts
7. Eye Nuts
8. Hex Bolts And Screws
9. Hex With Flange Or Washer
10. Knobs, Control Handle
11. Castle Nuts
12. Dome/Cap Nuts
13. Hex Flange Nuts
14. Hex Nuts
15. Slotted Hex Nuts
16. Square Nuts
17. Hex Washer Nuts
18. Pins
19. Rivets
20. Special Screws And Bolts

21. Set Screws
22. Slotted Bolts And Screws
23. Socket Bolts And Screws
24. Square Bolts And Screws
25. *Slotted Tapping Screws (Available in November)*
26. *Cross Tapping Screws (Available in November)*
27. *Hex Hd Tapping Screws (Available in November)*
28. Washers
29. Washers, Special

[Back to Top](#)

Metal Shapes

[Back to Top](#)

Parts in the Metal Shapes family.

1. Aluminum Beams
2. Aluminum Channels
3. L-Angle
4. Beams
5. Channels
6. Hex Stock
7. Metal Cast Sections & Structural Shapes
8. Round Bar
9. Round Pipe
10. Rectangular Bar
11. Rectangular Pipe
12. Square Stock
13. T-Sections
14. Tubing

[Back to Top](#)

[Back to Top](#)

Parts in the Mold & Die Components family.

1. Angular Pins
2. Bar Locks
3. Cam Plates
4. Core Pins
5. Cranks, Die Assemblies
6. Die Casting Locks
7. Ejector Assembly Bushings
8. Ejector Pins
9. Ejector Sleeves
10. Electrodes For Mold & Die Edm
11. Interlocks
12. Locking Blocks
13. Leader Bushings
14. Leader Pins
15. Lifting Components For Molds
16. Lifter Components
17. Mold & Die Gauges
18. Miscellaneous Mold & Die Parts
19. Mold Bolts
20. Pull Dowels
21. Rectangular Ejector Blade Shanks
22. Rectangular Ejector Blades
23. Rectangular Ejector Blade Roll Pins
24. Runner Lock Pins
25. Return Pins
26. Shoulder Bushings
27. Shoulder Plates
28. Slide Locks
29. Spacer Rings
30. Support Columns
31. Sprue Bushings
32. Sprue Puller Pins
33. Support Pin Collars
34. Support Pillars, Tapped
35. Stop Buttons
36. Stop Discs
37. Stop Pins
38. Stop Spacers
39. Stop Bolt Collars
40. Stopper Plates
41. Taper Pin Sets
42. Taper Pin Spacers

43. Tension Links
44. Top Locks
45. Wear Plates

[Back to Top](#)

Motion Components

[Back to Top](#)

Parts in the Motion Components family.

1. Adjusting Rods
2. [Linear Motion Assembly](#) *View Image!*
3. [Solenoid Assemblies](#) *View Image!*
4. Linear Motion Sub-Assembly
5. Solenoid Sub-Assembly
6. Bushing Stoppers, Linear
7. Connecting Components, Joints
8. Connecting Components, Links
9. Connecting Components, Rods
10. Conveyor Roll End Bearings
11. Cylindrical Mountings, Solid 2holes
12. Cylindrical Mountings, Female/Blank Ends
13. Cylindrical Mountings, Female/Female Ends
14. Cylindrical Mountings, Male/Blank Ends
15. Cylindrical Mountings, Male/Female
16. Cylindrical Mountings
17. Gear Blanks-Uncut
18. Hex Hole Sleeves
19. Hinge Pins
20. Hub Clamps
21. Linear Guide Components
22. Motor Mount Cleats
23. Orings
24. Pulleys
25. Roller Follower Pins
26. Shock Absorbers
27. Solenoid Components
28. Square Hole Bushings
29. Square Hole Sleeves, Plain
30. Square Hole Sleeves, Threaded
31. Square Mountings
32. Track Sections
33. Trapezoidal Screw Components
34. Vertical Member Covers

[Back to Top](#)

Plastic Extruded Shapes

[Back to Top](#)

Parts in the Plastic Extruded Shapes family.

1. Extruded Rubber Shapes
2. Plastic Shapes, Rectangular
3. Plastic Shapes, Round

[Back to Top](#)

Shaft Components

[Back to Top](#)

Parts in the Shaft Components family.

1. Backup Rings
2. Grease Nipples
3. Keys
4. Oil Seals
5. O-Rings
6. Clips/Retaining Rings
7. Set Screw Collars
8. Set Screw Collars, 4 Hole
9. Shaft Seals
10. Shaft Adapters
11. Shaft Collars
12. Shaft Couplings
13. Shaft Holders
14. Shaft, Rotary
15. Shaft Spacers
16. Sleeve Couplings
17. V Pkg Seals

[Back to Top](#)

Tooling Components

[Back to Top](#)

Parts in the Tooling Components family.

1. Punch Components

[Back to Top](#)