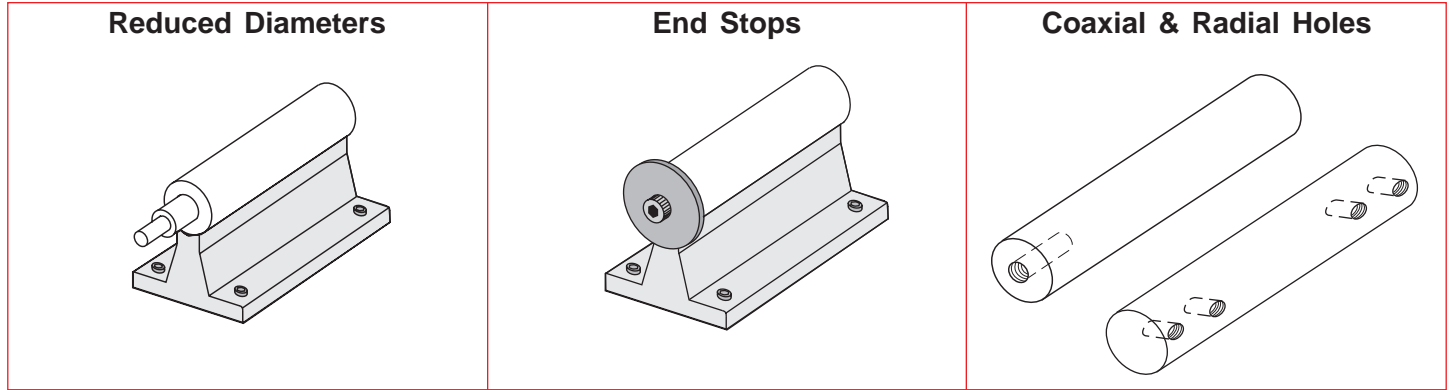


# Options

## Reduced Diameters, End Stops, Coaxial & Radial Holes

Reduced diameters, end stops, coaxial & radial holes can be provided on any shaft or shaft assembly. The standard tolerance for a reduced diameter is  $\pm .001$  inches, while the concentricity is  $.002$  inches TIR. The shaft may be annealed and soft around the shaft circumference adjacent to the reduced diameter. Coaxial holes are drilled and tapped in the center of the shaft ends and radial holes can be drilled and tapped as desired. The concentricity of the holes will be  $.005$  inches TIR.



## Butted, Doweled, and Threaded & Ground Joints

Standard shaft assemblies cannot be combined to create longer lengths, as the rolling elements of re-circulating linear bearings will "jam" at the joined ends due to the shaft chamfer. For those long length or custom applications, *LINTECH* provides several options for joining shaft assemblies. Butted, doweled, threaded, and ground joints are available with all shaft lengths and diameters. All of these options will have the standard chamfer removed from the shaft ends. The concentricity of doweled joints is  $< .001$  inches, while the concentricity of butted joints will depend upon the user mounting surface.

