

SPIROL[®] SPECIALS

When reviewing your application, **SPIROL's** Application Engineers will first attempt to use a standard product to meet your technical requirements as this offers the most affordable solution and will reduce your total manufacturing cost.

During our engineering review, if a standard product cannot meet your application or assembly requirements, our Engineers will design a special product to meet your needs. Many specials are derivations of our standard products and can be produced with minimal investment in development. Others are completely unique and may require a larger investment in development or special processing on our CNC machinery.

SPECIAL SIZES

SPIROL can manufacture special configured Solid Pins and large diameter special Solid Pins in low volumes up to Ø.750" (Ø19mm) in diameter and 3" (75mm) in length.

SPECIAL SURFACE CONFIGURATIONS

SPIROL can machine Solid Pins with multiple diameters, grooves, knurls, threads, elongated chamfers, heads, center holes, side holes, as well as those that are turned, shaved, burnished, broached, back drilled, and counterbored.

The location and length of the knurls and barbs can be positioned anywhere along the body of the pin to accommodate application-specific requirements.

SPECIAL MATERIALS

In addition to the standard materials described on page 3, SPIROL's production technology enables us to produce Solid Pins out of a variety of materials. The most common alternate materials are:

- Alloy Steel
- Aluminum
- Brass
- Martensitic Stainless Steel

SPECIAL FINISHES

SPIROL Engineers have extensive experience in recommending the right combination of materials and finishes to meet application-specific requirements.

*All special **SPIROL** Solid Pins are made to order.*





Please refer to www.SPIROL.com for current specifications and standard product offerings.

SPIROL Application Engineers will review your application needs and work with you to recommend the optimum solution. One way to start the process is to visit our **Optimal Application Engineering** portal at **SPIROL.com**.

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