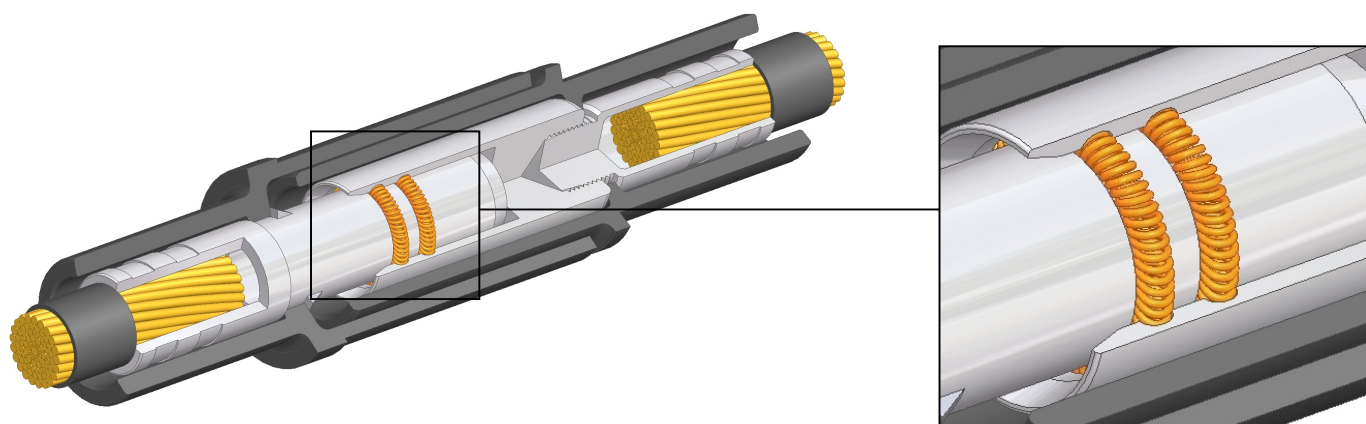


BAL CONTACT™ SPRINGS FOR HIGH-CURRENT INDUSTRIAL CONNECTORS

Bal Contact™ springs in high-current industrial connectors provide excellent electrical and mechanical performance. The small coil size and the high number of coils make the springs suitable for compact connector designs in high current applications.

The patented canted-coil spring provides near-constant spring contact force over a wide range of working deflection to compensate for large mating tolerances and surface irregularities. Bal Contact™ springs are highly resistant to compression set and provide long life and excellent service in shock, vibration and harsh environments.



Operating Parameters

Current:	120 - 350 A (up to 200A per spring)
Connect force:	35 N (7.87 lbs);(3569 g)
Plug diameters:	25 mm (0.98 in)
Spring:Selection	104MA
Spring Material:	Silver-plated copper alloy

Features of Bal Contact™ spring:

- Multiple point contacts ensure highly reliable electrical current-carrying capability
- Unique configuration enables spring to fit in small packaging requirements for compact design
- Canted-coil springs permit relatively large tolerances on mating parts for low production costs
- Controlled insertion and removal force make assembly and installation easy
- Well suited for shock, vibration and other mechanical conditions.

For more information and technical assistance, consult the Bal Seal Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

U.S. Address 19650 Pauling Foothill Ranch, CA 92610-2610 • Phone: (949) 460-2100 • Fax: (949) 460-2300
BV Address: Jollemanhof 16, • 1019 GW Amsterdam • The Netherlands • Phone: 31 20 638 65 23 • Fax: 31 20 625 60 18
Bal Seal Engineering, Inc. is certified to ISO 9001 | www.balseal.com