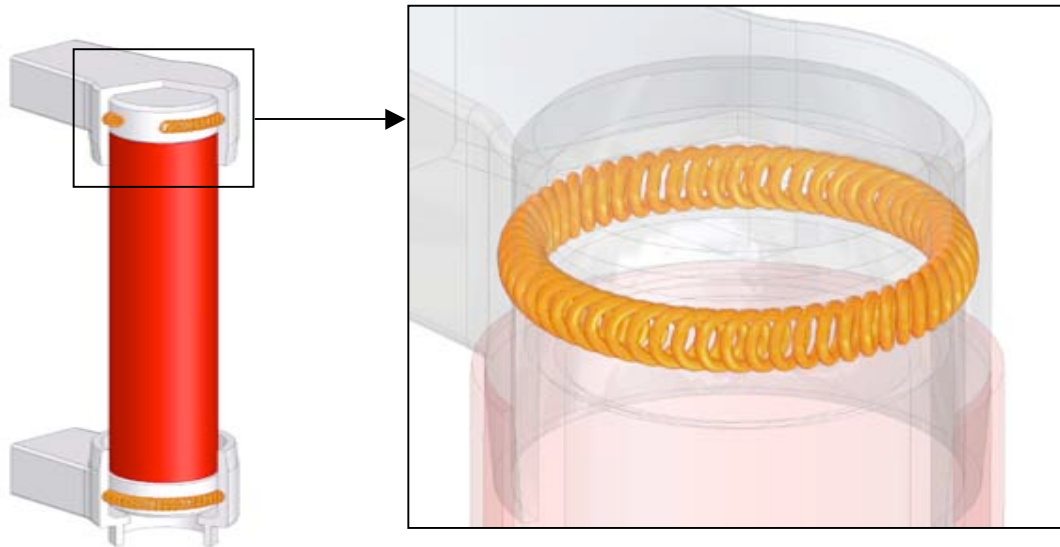


BAL CONTACT™ SPRINGS FOR FUSE CONNECTIONS

Bal Contact™ springs provide excellent electrical and mechanical performance for fuse units. The small coil size and the high number of coils make the springs suitable for compact fuse designs. The patented canted-coil spring provides near-constant contact force over a wide range of working deflection, and compensates for large tolerances and surface irregularities of the mating parts. Insertion and removal forces can be engineered to meet pre-determined holding forces. Multiple contact points ensure outstanding electrical performance.



Fuse Unit

Operating Parameters

Continuous current:	Up to 500 A
Assembly force:	50 N; (11.24 lbs);(5098.58 g)
Plug diameters:	40 mm (1.57 in)
Spring selection:	105MA
Spring material:	Silver-plated copper alloy

Features:

- Unique configuration enables spring to fit in small packaging requirements for compact designs.
- Holding, latching or locking design available.
- Canted-coil spring permits relatively large tolerances on mating parts for low production costs.
- Highly concentrated force at multiple contact points for increased electrical contact efficiency.
- Simplifies connector design, production, installation, and maintenance.

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, 5th floor • 1019 GW Amsterdam • The Netherlands • Phone: 31 20 638 65 23 • Fax: 31 20 625 60 18

Rev.B 8-30-07 (11-288)

Bal Seal Engineering, Inc. is certified to ISO 9001 | www.balseal.com