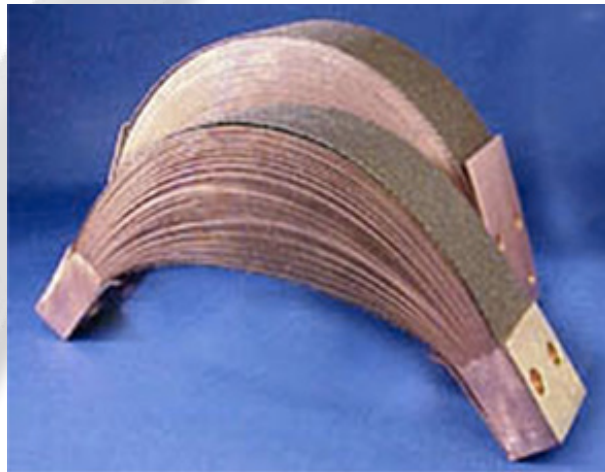


Shunts

Offering many sizes and configurations of shunts tailored to our customers needs, Flex-Cable's resistance welded shunts improve electrical and mechanical properties in comparison to conventionally welded or riveted shunts. The individual copper strips of the shunts are fused, assuring minimal resistance and operation temperature which increases product life and reduces downtime.

Our new fused molecular process, along with a tin plated process, offers the following advantages

- ▶ Extra lubricity between the leaves.
- ▶ Long term corrosion protection of the leaves.
- ▶ Low temperature joining process. No fired molecular annealing of the leaves.
- ▶ Near perfect joint resistance. Combined joint resistance typically less than 1/2 micro ohm.
- ▶ Long shelf life resulting from low temperature jointing process, which seals out corrosion. Low resistance is maintained throughout the life of the shunt.
- ▶ Improved appearance.
- ▶ Eliminates the toxic hazard of lead in a soldered joint.
- ▶ Computer controlled process gives optimum blousing.



Fused for high conductivity.

Optional silver plating on contact surfaces.

Shunt Material Available:

- ▶ Half-hard
- ▶ Dead soft
- ▶ Combination
- ▶ Any of the above with "Hi-Life" TFE coating

Optional Teflon jacket available for improved wear and tear, insulation and protection.

Shunt Order Form

Flex-Cable Part Number: _____

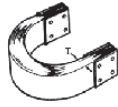
Customer Part Number: _____

SHUNT TYPE

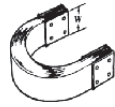


0 = OTHER (please specify on print)

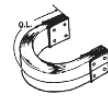
THICKNESS



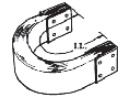
WIDTH



OUTSIDE LENGTH



INSIDE LENGTH



OPTIONAL:
BLOUSING THICKNESS WILL BE APPROX. 1.5 X THICKNESS IF INSIDE LENGTH IS NOT SPECIFIED

MATERIAL THICKNESS
.005 DEFAULT FOR SHUNTS LESS THAN 2" WIDE
.010 DEFAULT FOR SHUNTS GREATER THAN

0.003

0.005

0.010

1/2 HARD TIN COATED C-110 IS
DEFAULT FOR ALL SHUNTS

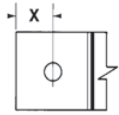
HOLE/SLOT SIZE

END 1 END 2

HOLE SPECIFICATIONS

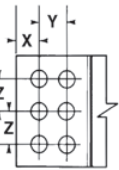
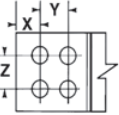
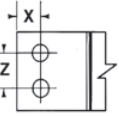
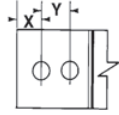
END 1

END 2



SLOT

SLOT



OTHER (Please specify on print)

PLATE DIMENSIONS



END 1 END 2

_____ OUTSIDE _____

_____ INSIDE _____

LEAVE BLANK IF NONE

PLATE THICKNESS

DEFAULT IS 1/16"

1/16"
1.6mm



1/8"
3.2mm



3/16"
4.8mm



1/4"
6.4mm



END TREATMENT

END 1 END 2



FUSED / BONDED
(default)



PLATE



LOOSE



OTHER
(SEE PRINT)



FLARING

FLARE IS 1/4" AT 45° (6mm)

END 1 END 2



OUTSIDE



INSIDE



OTHER
(Please specify on print)



COATING OPTION

DEFAULT IS TIN COATED.
IF PLAIN COPPER

END 1 END 2



OUTSIDE



INSIDE



F = FIBERGLASS SHIELD
T = TEFLON TAPE

SILVER PLATING

END 1 END 2



OUTSIDE



INSIDE



COMMENTS:

HOLE DIMENSIONS

END 1 END 2

X = _____ X = _____

Y = _____ Y = _____

Z = _____ Z = _____

