

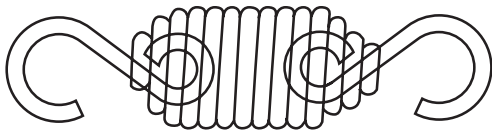
Superior

INDUSTRIES LTD

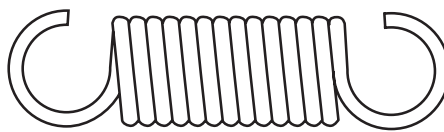
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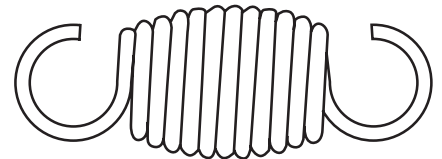
HELICAL TENSION SPRING FORMS



CONED ENDS WITH SHORT SWIVEL HOOKS
LEFT HAND HELIX



CYLINDRICAL SHAPE
RIGHT HAND HELIX



CONVEX SHAPE
LEFT HAND HELIX

SPRING ENDS



MACHINE LOOP AND MACHINE
HOOK SHOWN IN LINE



MACHINE LOOP AND MACHINE
HOOK SHOWN AT RIGHT ANGLES



HAND LOOP AND HOOK
AT RIGHT ANGLES



FULL LOOP ON SIDE AND
SMALL EYE FROM CENTER



SMALL EYE AT SIDE



SMALL EYE OVER CENTER



SINGLE FULL LOOP CENTERED



REDUCE LOOP TO CENTER



DOUBLE TWISTED
FULL LOOP OVER CENTER



FULL LOOP
AT SIDE



SMALL
OFF-SET HOOK AT SIDE



MACHINE HALF HOOK
OVER CENTER



HAND HALF LOOP
OVER CENTER



PLAIN SQUARE
CUT ENDS

All of the above are standard finishes which require no special tools

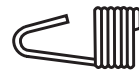
SPECIAL TOOLING REQUIRED :



LONG ROUND END
HOOK OVER CENTER



LONG SQUARE END
HOOK OVER CENTER



V HOOK
OVER CENTER
V.H



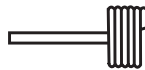
CONED END WITH
SHORT SWIVEL EYE



CONED END WITH
SWIVEL BOLT



EXTENDED EYE FROM
EITHER CENTER OR SIDE



STRAIGHT END ANNEALED
TO ALLOW FORMING



CONED END TO HOLD
LONG SWIVEL EYE



CONED END
WITH SWIVEL HOOK

These springs have complicated designs that require special tooling to be made