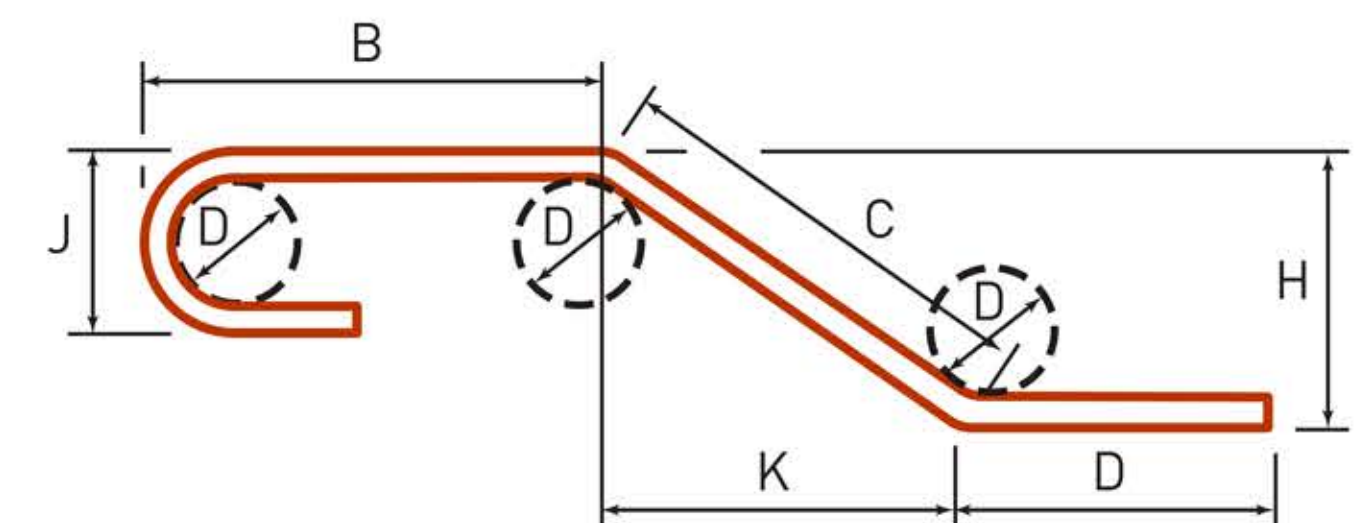
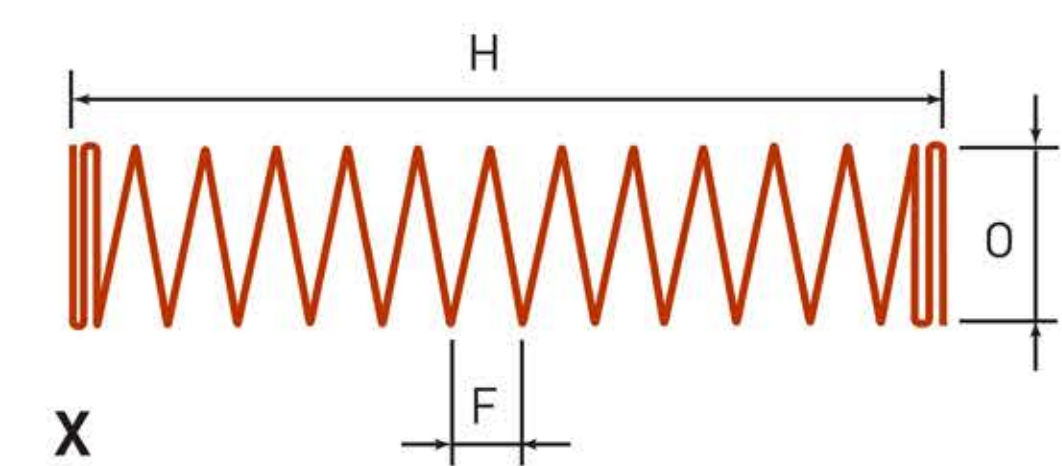


- 01** aSa Standard Bar Bends include only Types 1-32, T1-T16 and S1-S15.
- 02** All dimensions are out-to-out of bar except "A" and "G" on standard 180° and 135° hooks.
- 03** "J" dimension on 180 hooks to be shown only where necessary to restrict hook size, otherwise standard hooks are to be used.
- 04** Where "J" is not shown, "J" will be kept equal to or less than "H" on truss bars.
- 05** Where "J" can exceed "H", it should be shown.
- 06** "H" dimension stirrups to be shown where necessary to fit within concrete.

- 07** Unless otherwise noted, DIAMETER "D" is the same for all bends and hooks on a bar.
- 08** Where slope differs from 45 dimensions, "H" and "K" must be shown.
- 09** Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer fabrication should have limits indicated.
- 10** For recommended diameter "D", of bends, hooks, etc. see CRSI or ACI tables.
- 11** Type S1-S15, T1-T16 apply to bar sizes #3 through #8.
- 12** "J" dimension on type T14, T16 is assumed to be equal to "K" if not specified.



S1 	S2 	S3 	S4 	S5 	S6 	S7 	S8 	S9 	S10
S11 	S12 	S13 	S14 			S15 			
T1 	T2 	T3 	T4 	T5 	T6 	T7 	T8 	T9 	T10
T11 	T12 	T13 	T14 	T15 	T16 	T17 			



SPIRAL NOTES:

J = TURNS AT 'F' SPACING.

K = EXTRA TURNS (HALF T. & B.)

(XL) PLAIN SPIRAL WITH SPACERS LOOSE.

(XM) PLAIN SPIRAL WITH SPACERS MOUNTED.

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