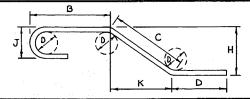
aSa*/REBAR SYSTEM 5270 LOGAN FERRY ROAD MURRYSVILLE, PA 15668 Applied Systems Associates, Inc. STANDARD BAR BENDS PHONE (724) 733-8700 6 (4) (2) **3** G **(8**) (9) (10)(12)(7)G (17)(16 (14) (15 (13) (22) (23) (19 (20)(21)(18) (25) **(27)** (29) (26) (28)ISOMETRIC VIEW ISOMETRIC VIEW (31 (30) (32)

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



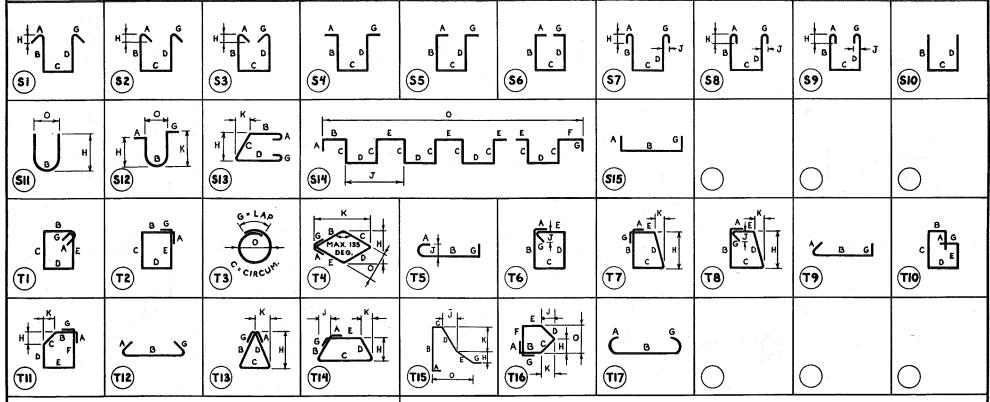
- Unless otherwise noted, DIAMETER "D" is the same for all bends and hooks on a bar.
 Where slope differs from 45° dimensions, "H" and "K" must be shown.
- Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer fabrication should have limits indicated.
- 9. Figures in circles show types.
- 10. For recommended diameter "D", of bends, hooks, etc., see CRSI or ACI tables.

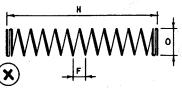
 11. Type S1-S15, T1-T16 apply to bar sizes #3 through #8.
- 12. "J" dimension on type T14, T16 is assumed to be equal to "K" if not specified.

Applied Systems Associates, Inc.

aSa*/REBAR SYSTEM STANDARD BAR BENDS

5270 LOGAN FERRY ROAD MURRYSVILLE, PA 15668 PHONE (724) 733-8700





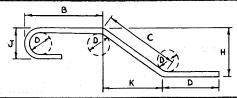
SPIRAL NOTES:

J = TURNS AT 'F' SPACING. K = EXTRA TURNS (HALF T & B.).

- XL PLAIN SPIRAL WITH SPACERS LOOSE.
- MM PLAIN SPIRAL WITH SPACERS MOUNTED.

NOTES

- 1. aSa Standard Bar Bends include only Types 1-32, T1-T16, and S1-S15.
- All dimensions are out-to-out of bar except "A" and "G" on standard 180° and 135° hooks.
- "J" dimension on 180° hooks to be shown only where necessary to restrict hook size, otherwise standard hooks are to be used.
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- 8. Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer fabrication should have limits indicated.
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