RAINHAM STEEL

PHONE: 01708 522311 FAX: 01708 559024

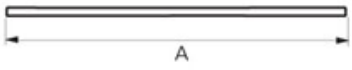
Cut & Bent Reinforcing Bar

BS 8666: 2020 Standard shapes
Shape and total length of bar (L) measured along the centre-line

00

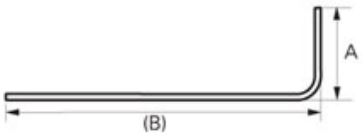
Total length (L) = A

01



Total length (L) = A, stock lengths

11

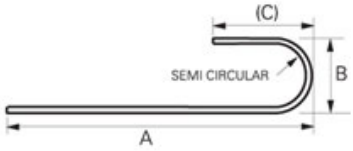


Total length (L) = A + (B) - 0.5r - d

12

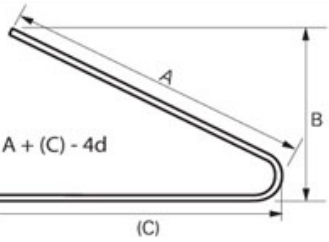
Total length (L) = A + (B) - 0.43R - 1.2d

13



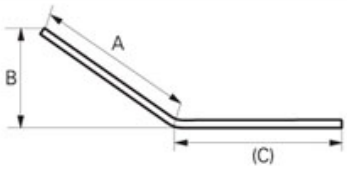
Total length (L) = A + 0.57B + (C) - 1.6d

14



Total length (L) = A + (C) - 4d

15

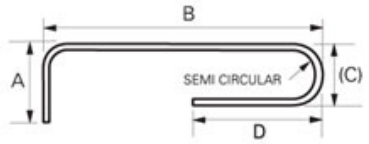


Total length (L) = A + (C)

21

Total length (L) = A + B + (C) - r - 2d

22

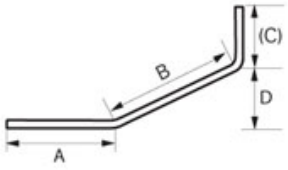


Total length (L) = A + B + C + (D) - 1.5r - 3d

23

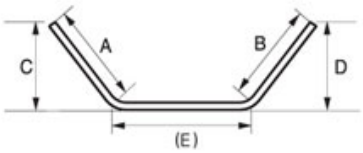
Total length (L) = A + B + (C) - r - 2d

24



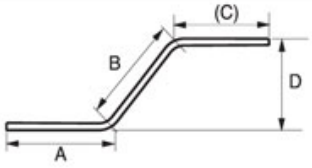
Total length (L) = A + B + (C)

25



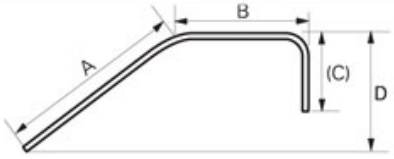
Total length (L) = A + B + (E)

26



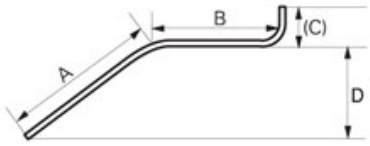
Total length (L) = A + B + (C)

27



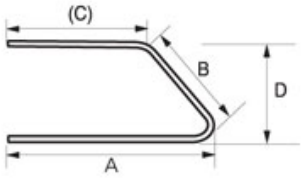
Total length (L) = A + B + (C) - 0.5r - d

28



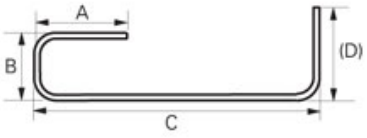
Total length (L) = A + B + (C) - 0.5r - d

29



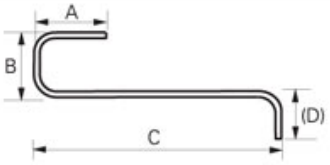
Total length (L) = A + B + (C) - r - 2d

31



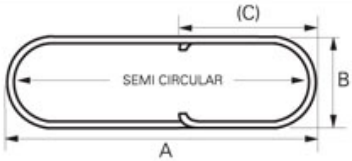
Total length (L) = A + B + C + (D) - 1.5r - 3d

32



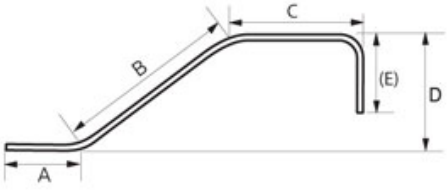
Total length (L) = A + B + C + (D) - 1.5r - 3d

33



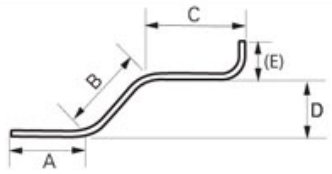
Total length (L) = 2A + 1.7B + 2(C) - 4d

34



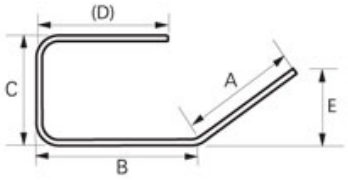
Total length (L) = A + B + C + (E) - 0.5r - d

35



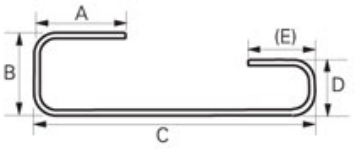
Total length (L) = A + B + C + (E) - 0.5r - d

36



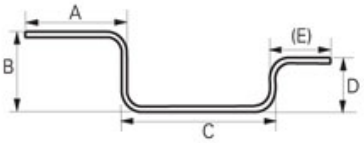
Total length (L) = A + B + C + (D) - r - 2d

41



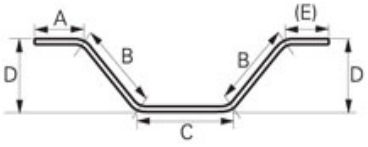
Total length (L) = A + B +C +D +(E) - 2r - 4d

44



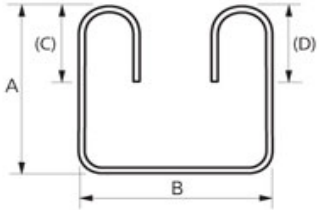
Total length (L) = A + B + C + D +(E) - 2r - 4d

46



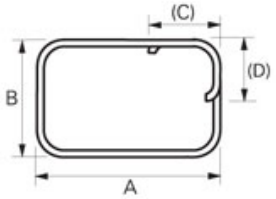
Total length (L) = A + 2 B + C + (E)

47



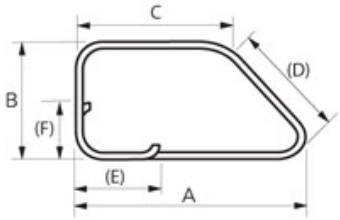
Total length (L) = 2A + B + 2C + 1.5r - 3d

51



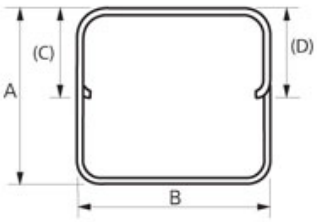
Total length (L) = 2(A + B + (C)) - 2.5r - 5d

56



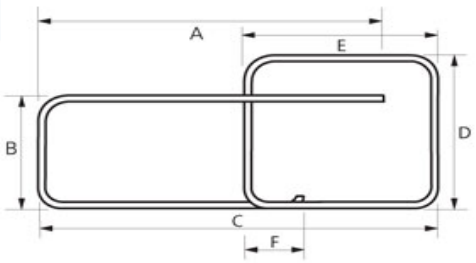
Total length (L) = A + B + C + (D) + 2(E) - 2.5r - 5d

63



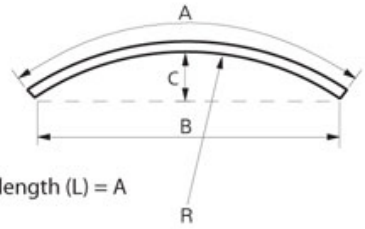
Total length (L) = 2A + 3B + 2(C) - 3r - 6d

64



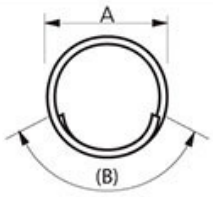
Total length (L) = A + B + C + 2D + E + (F) - 3r - 6d

67



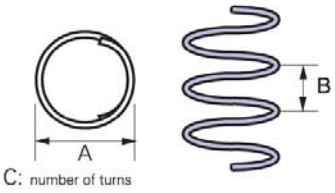
Total length (L) = A

75



Total length (L) = π (A - d) + B

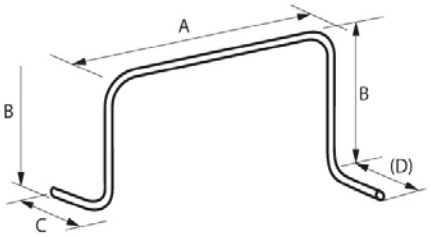
77



C: number of turns

Total length (L) = C.π.(A - d)

98



Total length (L) = A + 2B + C + (D) - 2r - 4d

All other shapes where standard shapes cannot be used.

No other shape code, number, form of designation or abbreviation shall be used in scheduling. A dimensioned sketch shall be drawn over the dimensional columns A to E. Every dimension shall be specified and the dimension that is to allow for permissible deviations shall be indicated in parenthesis, otherwise the fabricator is free to choose which dimension shall allow for tolerance.