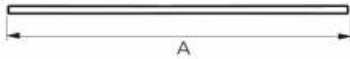


Focus on Shape Codes to BS8666: 2020 Page 1

Shape Code 00

Length = A (Cut to Length)



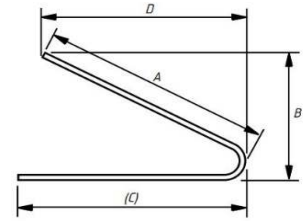
Shape Code 01

Length = A (stock lengths)



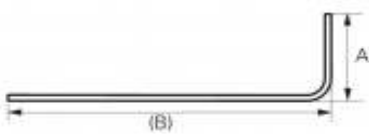
Shape Code 14

Length = A + (C)



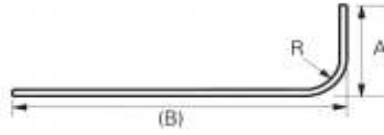
Shape Code 11

Length = A + (B) - 0.5r - d



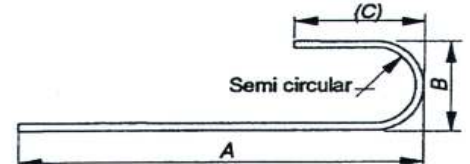
Shape Code 12

Length = A + (B) - 0.43r - 1.2d



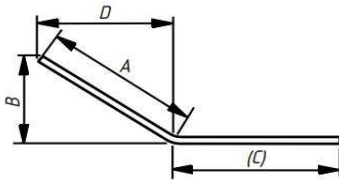
Shape Code 13

Length = A + 0.57B + (C) - 1.6d



Shape Code 15

Length = A + (C)



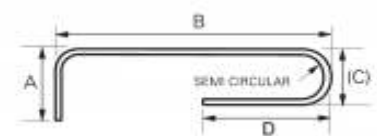
Shape Code 21

Length = A + B + (C) - r - 2d



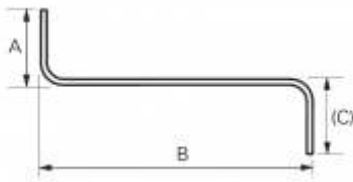
Shape Code 22

Length = A + B + 0.57C + (D) - 0.5r - 2.6d



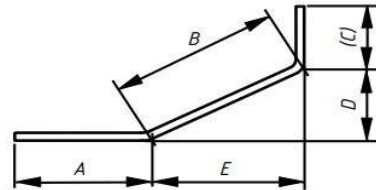
Shape Code 23

Length = A + B + (C) - r - 2d



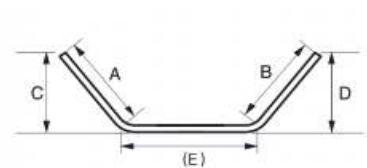
Shape Code 24

Length = A + B + (C)



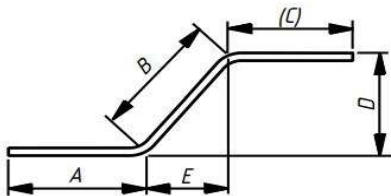
Shape Code 25

Length = A + B + (E)



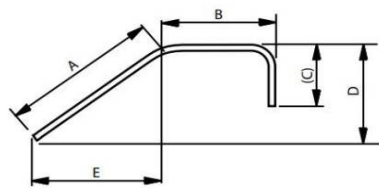
Shape Code 26

Length = A + B + (C)



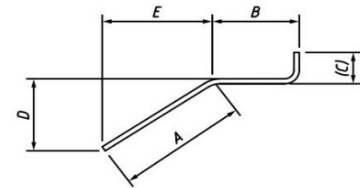
Shape Code 27

Length = A + B + (C) - 0.5r - d



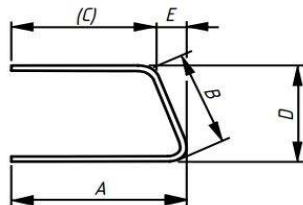
Shape Code 28

Length = A + B + (C) - 0.5r - d



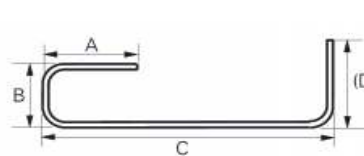
Shape Code 29

Length = A + B + (C)



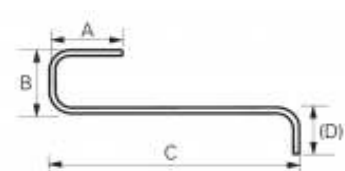
Shape Code 31

Length = A + B + C + (D) - 1.5r - 3d



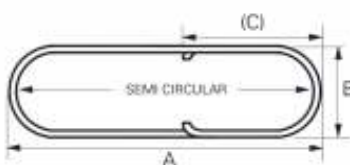
Shape Code 32

Length = A + B + C + (D) - 1.5r - 3d



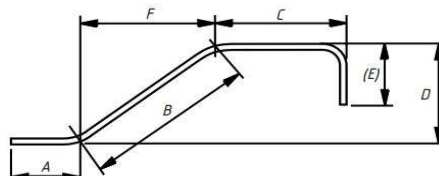
Shape Code 33

Length = 2A + 1.7B + 2(C) - 4d



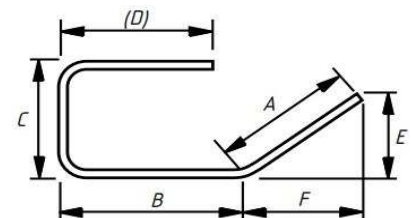
Shape Code 34

Length = A + B + C + (E) - 0.5r - d



Shape Code 35

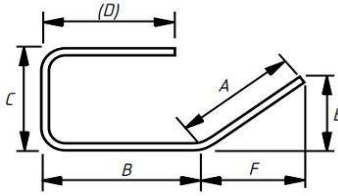
Length = A + B + C + (E) - 0.5r - d



Focus on Shape Codes to BS8666: 2020 Page 2

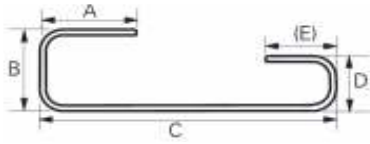
Shape Code 36

Length = $A + B + C + (D) - r - 2d$



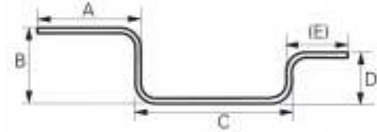
Shape Code 41

Length = $A + B + C + D + (E) - 2r - 4d$



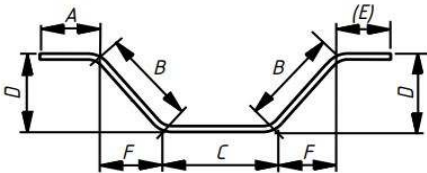
Shape Code 44

Length = $A + B + C + D + (E) - 2r - 4d$



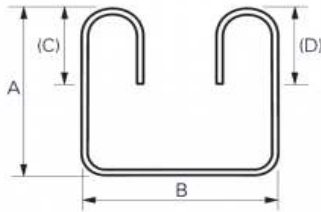
Shape Code 46

Length = $A + 2B + C + (E)$



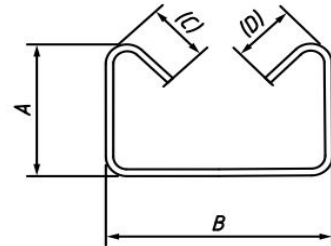
Shape Code 47

Length = $2A + B + 2C + 2q - 3r - 6d$



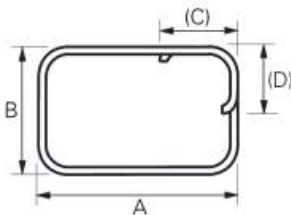
Shape Code 48

Length = $2A + B + 2(C) - r - 2d$



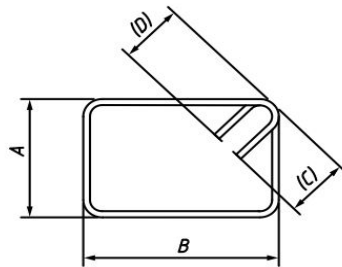
Shape Code 51

Length = $2(A + B + (C)) - 2.5r - 5d$



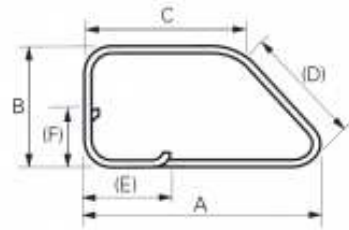
Shape Code 52

Length = $2(A + B) + 2(C) - 1.5r - 3d$



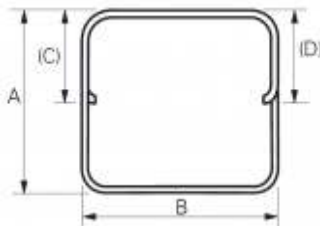
Shape Code 56

Length = $A + B + C + D + 2(E) - 1.5r - 3d$



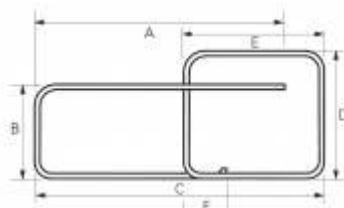
Shape Code 63

Length = $2A + 3B + 2(C) - 3r - 6d$



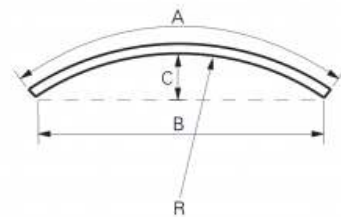
Shape Code 64

Length = $A + B + C + 2D + E + (F) - 3r - 6d$



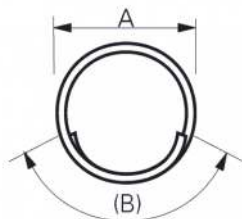
Shape Code 67

Length = A



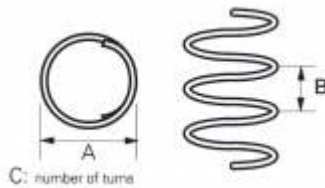
Shape Code 75

Length = $\pi(A - d) + B$



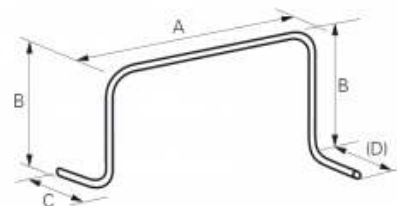
Shape Code 77

Length = $C \pi(A - d)$



Shape Code 98

Length = $A + 2B + C + (D) - 2r - 4d$



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Type of steel reinforcement	Notation
For diameters ≤ 12 mm, Grade B500A, Grade B500B or Grade B500C conforming to BS 4449:2005+A3:2016 For diameters > 12 mm, Grade B500B or Grade B500C conforming to BS 4449:2005+A3:2016	H
Grade B500A conforming to BS 4449:2005+A3:2016	A
Grade B500B or Grade B500C conforming to BS 4449:2005+A3:2016	B
Grade B500C conforming to BS 4449:2005+A3:2016	C
Smooth plain round bar, straight shape code 00, for dowel bars only conforming to to BS EN 13877-3	D
The specific grade(s) and steel designation number(s) of ribbed stainless steel conforming to BS 6744 and BS EN 10088 shall be stated on each relevant bending	S
Reinforcement of a type not included in the above list having material properties that are defined in the design or contract specification	X

NOTE 1 In the Grade description B500A, etc., "B" indicates reinforcing steel.

NOTE 2 Within the ranges given, the grade(s) supplied for notations H and B are at the supplier's discretion.

NOTE 3 A specific grade(s) and type(s) of ribbed stainless steel conforming to BS 6744 and BS EN 10080 should be stated on each relevant bending schedule