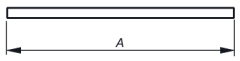
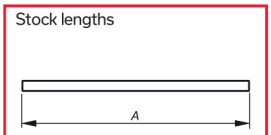
F.BRAZIL
REINFORCEMENTS LTD

Reinforcement Shape Codes to BS8666:2020



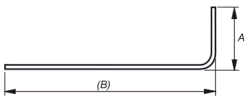
L=A

SHAPE CODE 00



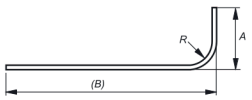
L=A

SHAPE CODE 01



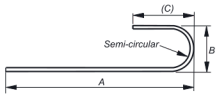
L=A + (B) – 0.5r - d

SHAPE CODE 11



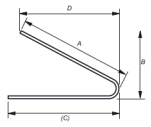
L=A + (B) – 0.43R – 1.2d

SHAPE CODE 12



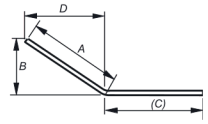
L=A + 0.57 B + (C) – 1.6d

SHAPE CODE 13



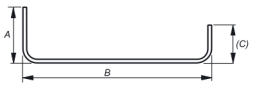
L=A + (C)

SHAPE CODE 14



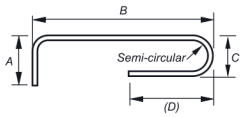
L=A + (C)

SHAPE CODE 15



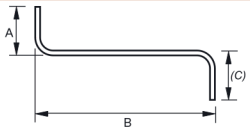
L=A + B + (C) – r – 2d

SHAPE CODE 21



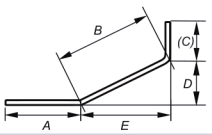
L=A + B + 0.57C + (D) - 0.5r - 2.6d

SHAPE CODE 22



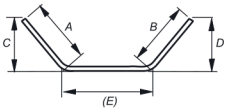
L=A + B + (C) – r – 2d

SHAPE CODE 23



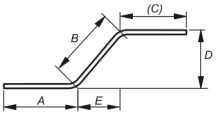
L=A + B + (C)

SHAPE CODE 24



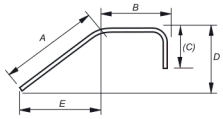
L=A + B + (E)

SHAPE CODE 25



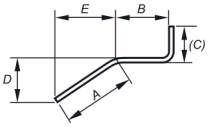
L=A + B + (C)

SHAPE CODE 26



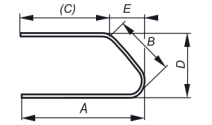
L=A + B + (C) - 0.5r – d

SHAPE CODE 27



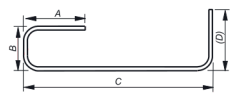
L=A + B + (C) – 0.5r – d

SHAPE CODE 28



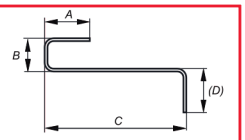
L=A + B + (C)

SHAPE CODE 29



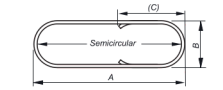
L=A + B + C + (D) - 1.5r – 3d

SHAPE CODE 31



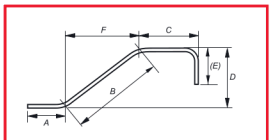
L=A + B + C + (D) - 1.5r – 3d

SHAPE CODE 32



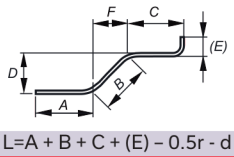
L=2A + 1.7B + 2(C) – 4d

SHAPE CODE 33



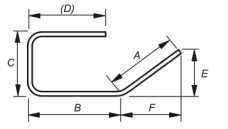
L=A + B + C + (E) – 0.5r – d

SHAPE CODE 34



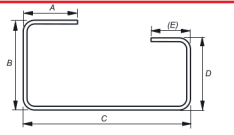
L=A + B + C + (E) – 0.5r - d

SHAPE CODE 35



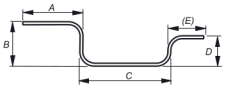
L=A + B + C + (D) - r – 2d

SHAPE CODE 36



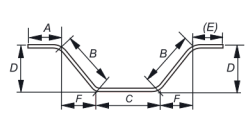
L=A + B + C + D + (E) - 2r – 4d

SHAPE CODE 41



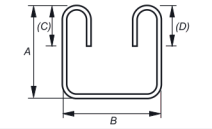
L=A + B + C + D + (E) - 2r – 4d

SHAPE CODE 44



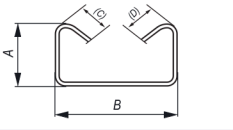
L=A + 2B + C + (E)

SHAPE CODE 46



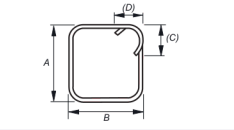
L=2A + B + 2(C) + 2q – 3r - 6d

SHAPE CODE 47



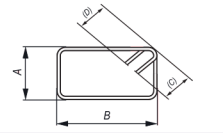
L=2A + B + 2(C) - r - 2d

SHAPE CODE 48



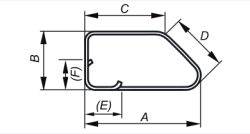
L=2[A + B + (C)] – 2.5r – 5d

SHAPE CODE 51



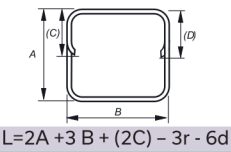
L=2(A + B) + 2(C) – 1.5r – 3d

SHAPE CODE 52



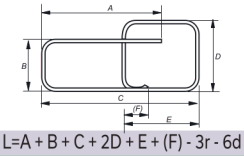
L=A + B + C + D + 2(E) - 1.5r – 3d

SHAPE CODE 56



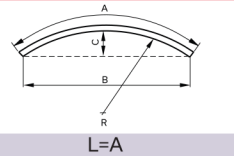
L=2A +3 B + (2C) – 3r - 6d

SHAPE CODE 63



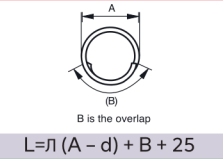
L=A + B + C + 2D + E + (F) - 3r - 6d

SHAPE CODE 64



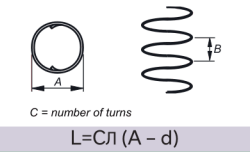
L=A

SHAPE CODE 67



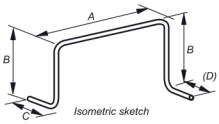
L=Л (A – d) + B + 25

SHAPE CODE 75



L=CЛ (A – d)

SHAPE CODE 77



L=A + 2B + C + (D) – 2r – 4d

SHAPE CODE 98

All other shapes are Shape Code 99 and require fully dimensioned sketches.

L=TO BE CALCULATED

SHAPE CODE 99

Nominal Size of Bar *d* mm	Minimum radius for scheduling *r* mm	Minimum diameter for bending former *M* mm	Minimum end projection *P* mm		Anticipated actual Hook diameter *q* mm
			General bend (bob) or links where bend >150°	Links where end bend <150°	
6	12	24	110 A)	110 A)	45
8	16	32	115 A)	115 A)	60
10	20	40	120 A)	130	70
12	24	48	125 A)	155	85
16	32	64	140 A)	210	115
20	70	140	190	290	200
25	87	175	235	365	250
32	112	224	305	465	320
40	140	280	380	580	400
50	175	350	475	725	N/A