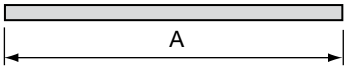
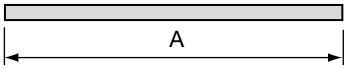
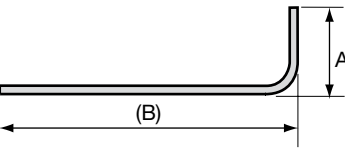
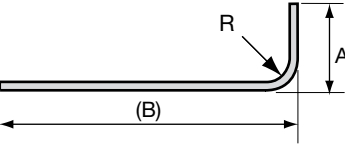
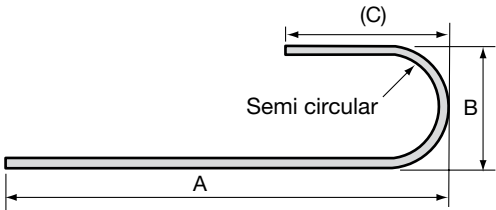
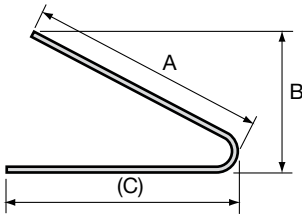
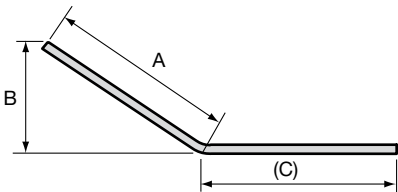



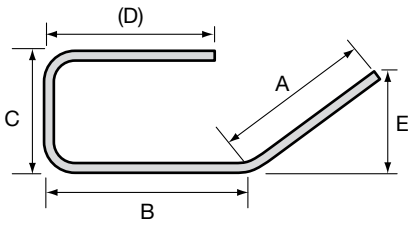
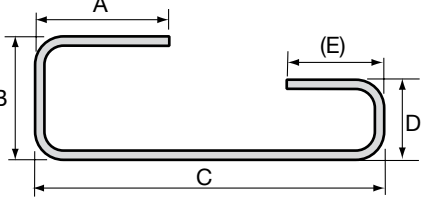
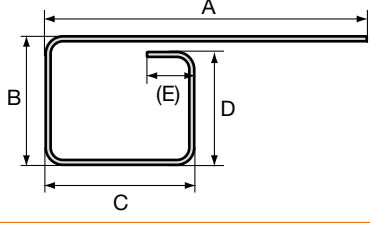
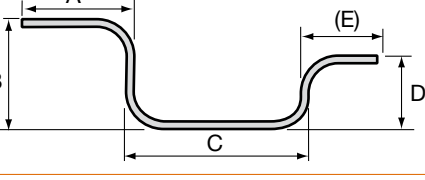
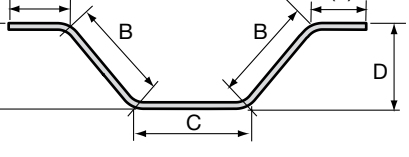
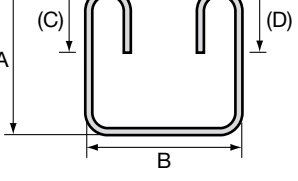
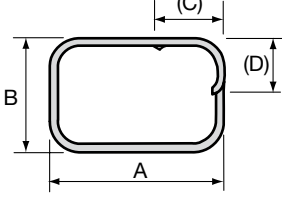
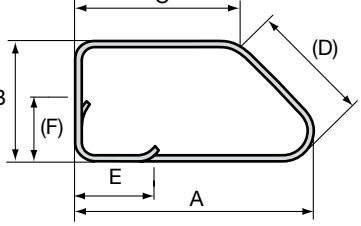
APPENDIX B TABLES

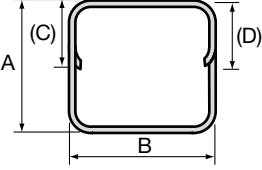
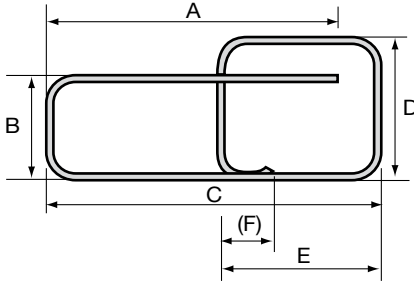
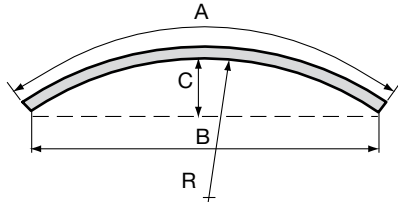
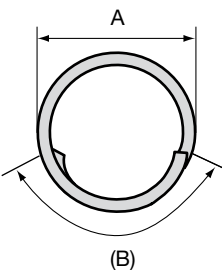
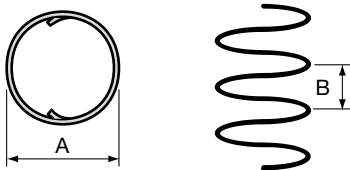
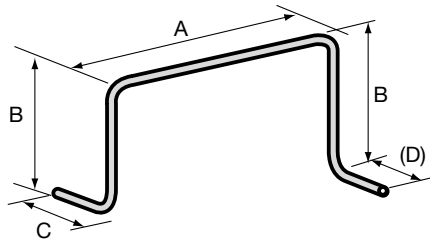
Bar shapes

Shape code	Shape	Total length of bar (L) measured along centre line
00		A
01		A Stock lengths See Note 4
11		$A + (B) - 0.5r - d$ Neither A nor B shall be less than P in Table B.1
12		$A + (B) - 0.43R - 1.2d$ Neither A nor B shall be less than P in Table B.1 nor less than $(R + 6d)$
13		$A + 0.57B + (C) - 1.6d$ B shall not be less than $2(r + d)$. Neither A nor C shall be less than P in Table B.1 nor less than $(\frac{1}{2}B + 5d)$. See note 3
14		$A + (C) - 4d$ Neither A nor (C) shall be less than P in Table B.1. See note 1
15		$A + (C)$ Neither A nor (C) shall be less than P in Table B.1. See note 1
21		$A + B + (C) - r - 2d$ Neither A nor (C) shall be less than P in Table B.1

Shape code	Shape	Total length of bar (L) measured along centre line
22	<p>Diagram of a U-shaped bar. Dimensions: A (vertical leg height), B (horizontal leg length), C (vertical leg height at the end), and D (horizontal distance from the start of the horizontal leg to the center of the semi-circular end). The end is labeled "Semi circular". Formula: $C \geq 2r + 2d$.</p>	$A + B + C + (D) - 1.5r - 3d$ C shall not be less than $2(r + d)$. Neither A nor (D) shall be less than P in Table B.1. (D) shall not be less than $C/2 + 5d$
23	<p>Diagram of an L-shaped bar. Dimensions: A (vertical leg height), B (horizontal leg length), and C (vertical leg height at the end).</p>	$A + B + (C) - r - 2d$ Neither A nor (C) shall be less than P in Table B.1
24	<p>Diagram of a bent bar. Dimensions: A (horizontal leg length), B (diagonal leg length), C (vertical leg height at the end), and D (vertical distance from the start of the horizontal leg to the start of the diagonal leg).</p>	$A + B + (C)$ A and (C) are at 90° to one another
25	<p>Diagram of a U-shaped bar. Dimensions: A (diagonal leg length), B (diagonal leg length), C (vertical leg height at the start), D (vertical leg height at the end), and E (horizontal distance between the vertical legs).</p>	$A + B + (E)$ Neither A nor B shall be less than P in Table B.1. If E is the critical dimension, schedule a 99 and specify A or B as the free dimension. See note 1
26	<p>Diagram of a bent bar. Dimensions: A (horizontal leg length), B (diagonal leg length), C (horizontal distance from the end of the horizontal leg to the start of the vertical leg), and D (vertical leg height at the end).</p>	$A + B + (C)$ Neither A nor (C) shall be less than P in Table B.1. See note 1
27	<p>Diagram of a bent bar. Dimensions: A (diagonal leg length), B (horizontal leg length), C (vertical leg height at the end), and D (vertical distance from the start of the diagonal leg to the start of the vertical leg).</p>	$A + B + (C) - 0.5r - d$ Neither A nor (C) shall be less than P in Table B.1. See note 1

Shape code	Shape	Total length of bar (L) measured along centre line
28		$A + B + (C) - 0.5r - d$ Neither A nor (C) shall be less than P in Table B.1. See note 1
29		$A + B + (C) - r - 2d$ Neither A nor (C) shall be less than P in Table B.1. See note 1
31		$A + B + C + (D) - 1.5r - 3d$ Neither A nor (D) shall be less than P in Table B.1
32		$A + B + C + (D) - 1.5r - 3d$ Neither A nor (D) shall be less than P in Table B.1
33		$2A + 1.7B + 2(C) - 4d$ A shall not be less than $12d + 30\text{mm}$. B shall not be less than $2(r + d)$. (C) shall not be less than P in Table B.1, nor less than $B/2 + 5d$. See note 3
34		$A + B + C + (E) - 0.5r - d$ Neither A nor (E) shall be less than P in Table B.1. See note 1
35		$A + B + C + (E) - 0.5r - d$ Neither A nor (E) shall be less than P in Table B.1. See note 1

Shape code	Shape	Total length of bar (L) measured along centre line
36		$A + B + C + (D) - r - 2d$ Neither A nor (D) shall be less than P in Table B.1. See note 1
41	 	$A + B + C + D + (E) - 2r - 4d$ Neither A nor (E) shall be less than P in Table B.1 May also be used for flag link viz:
44		$A + B + C + D + (E) - 2r - 4d$ Neither A nor (E) shall be less than P in Table B.1
46		$A + 2B + C + (E)$ Neither A nor (E) shall be less than P in Table B.1. See note 1
47		$2A + B + 2(C) + 1.5r - 3d$ (C) and (D) shall be equal and not more than A nor less than P in Table B.1. Where (C) and (D) are to be minimized the following formula may be used: $L = 2A + B + \max(21d, 240)$
51		$2(A + B + (C)) - 2.5r - 5d$ (C) and (D) shall be equal and not more than A or B nor less than P for links in Table B.1. Where (C) and (D) are to be minimized the following formula may be used: $L = 2A + 2B + \max(16d, 160)$
56		$A + B + C + (D) + 2(E) - 2.5r - 5d$ (E) and (F) shall be equal and not more than B or C nor less than P in Table B.1. See notes 1 and 2

Shape code	Shape	Total length of bar (L) measured along centre line
63		$2A + 3B + 2(C) - 3r - 6d$ (C) and (D) shall be equal and not more than A or B nor less than P for links in Table B.1. Where (C) and (D) are to be minimized the following formula may be used: $L = 2A + 3B + \max(14d, 150)$
64		$A + B + C + 2D + E + (F) - 3r - 6d$ Neither A and (F) shall be less than P in Table B.1. See note 2
67		A See BS8666 Clause 10
75		$\pi (A-d) + B$ Where B is the lap
77	 C = number of turns	$C \pi (A - d)$ Where B is greater than A/5 this equation no longer applied, in which case the following formula may be used: $L = C ((\pi(A-d))^2 + B^2)^{1/2}$
98		$A + 2B + C + (D) - 2r - 4d$ Isometric sketch. Neither C nor (D) shall be less than P in Table B.1