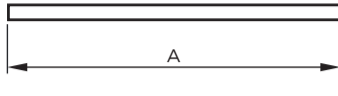
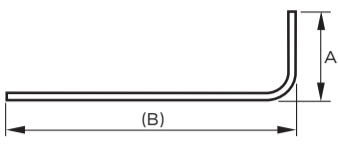
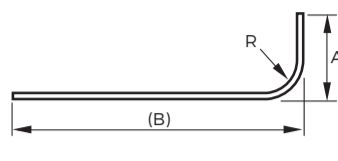
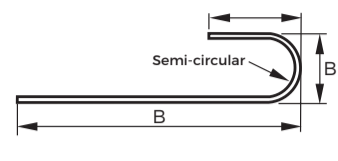
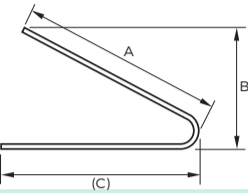
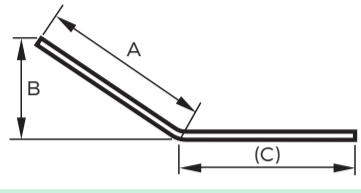
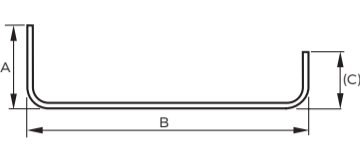
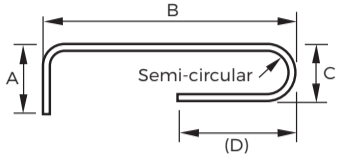
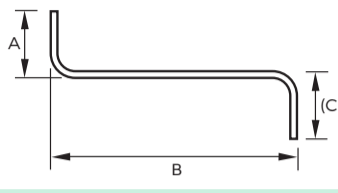
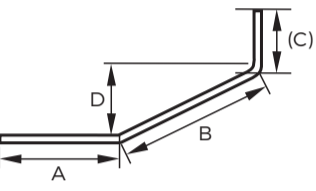
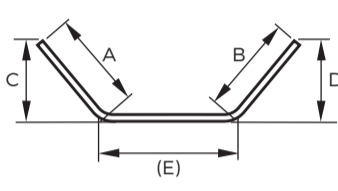
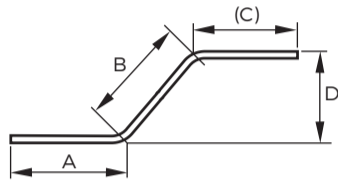
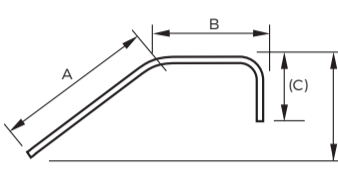
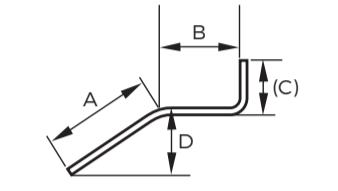
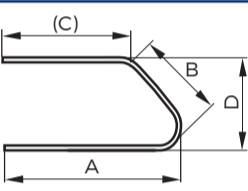
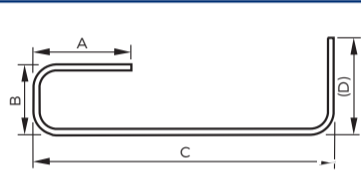
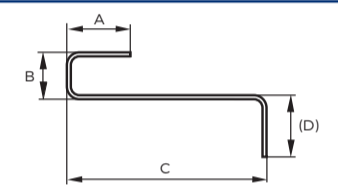
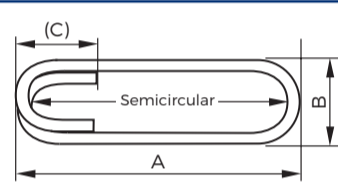
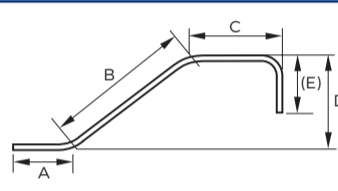
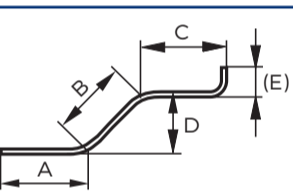
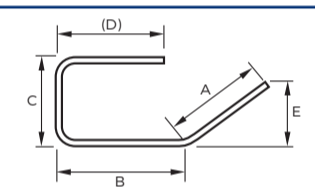
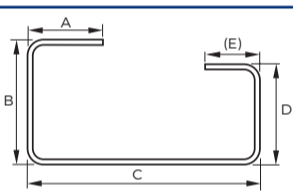
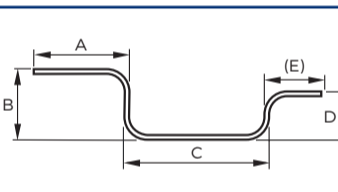
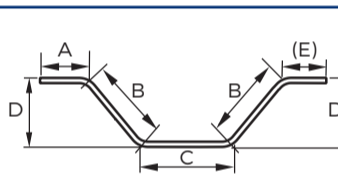
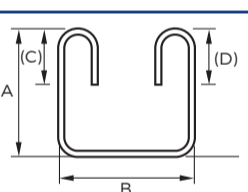
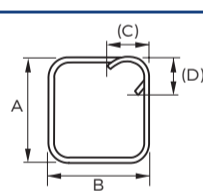
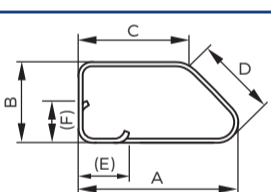
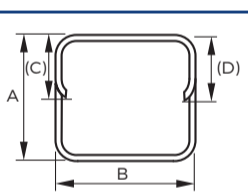
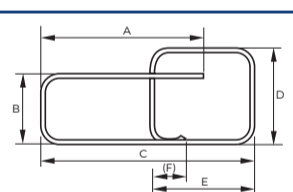
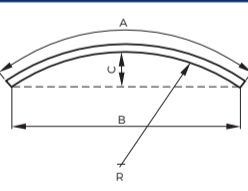
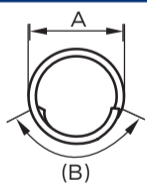
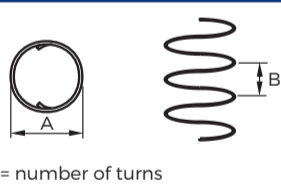
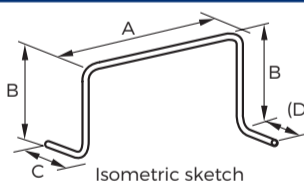

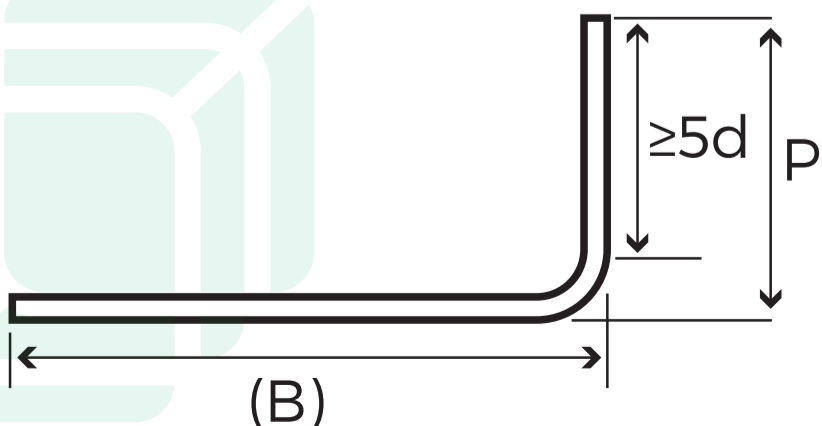
 $L=A$ <b>SHAPE CODE 00</b>	<p>Stock lengths</p>  $L=A$ <b>SHAPE CODE 01</b>	 $L=A + (B) - 0.5r - d$ <b>SHAPE CODE 11</b>	 $L=A + (B) - 0.43R - 1.2d$ <b>SHAPE CODE 12</b>	 $L=A + 0.57B + (C) - 1.6d$ <b>SHAPE CODE 13</b>
 $L=A + (C) - 4d$ <b>SHAPE CODE 14</b>	 $L=A + (C)$ <b>SHAPE CODE 15</b>	 $L=A + B + (C) - r - 2d$ <b>SHAPE CODE 21</b>	 $L=A + B + C + (D) - 1.5r - 3d$ <b>SHAPE CODE 22</b>	 $L=A + B + (C) - r - 2d$ <b>SHAPE CODE 23</b>
 $L=A + B + (C)$ <b>SHAPE CODE 24</b>	 $L=A + B + (E)$ <b>SHAPE CODE 25</b>	 $L=A + B + (C)$ <b>SHAPE CODE 26</b>	 $L=A + B + (C) - 0.5r - d$ <b>SHAPE CODE 27</b>	 $L=A + B + (C) - 0.5r - d$ <b>SHAPE CODE 28</b>
 $L=A + B + (C) - r - 2d$ <b>SHAPE CODE 29</b>	 $L=A + B + C + (D) - 1.5r - 3d$ <b>SHAPE CODE 31</b>	 $L=A + B + C + (D) - 1.5r - 3d$ <b>SHAPE CODE 32</b>	 $L=2A + 1.7B + 2(C) - 4d$ <b>SHAPE CODE 33</b>	 $L=A + B + C + (E) - 0.5r - d$ <b>SHAPE CODE 34</b>
 $L=A + B + C + (E) - 0.5r - d$ <b>SHAPE CODE 35</b>	 $L=A + B + C + (D) - r - 2d$ <b>SHAPE CODE 36</b>	 $L=A + B + C + D + (E) - 2r - 4d$ <b>SHAPE CODE 41</b>	 $L=A + B + C + D + (E) - 2r - 4d$ <b>SHAPE CODE 44</b>	 $L=A + 2B + C + (E)$ <b>SHAPE CODE 46</b>
 $L=2A + B + 2(C) + 1.5r - 3d$ <b>SHAPE CODE 47</b>	 $L=2(A + B + (C)) - 2.5r - 5d$ <b>SHAPE CODE 51</b>	 $L=A + B + C + D + 2(E) - 2.5r - 5d$ <b>SHAPE CODE 56</b>	 $L=2A + 3B + 2(C) - 3r - 6d$ <b>SHAPE CODE 63</b>	 $L=A+B+C+2D+E + (F) - 3r - 6d$ <b>SHAPE CODE 64</b>
 $L=A$ <b>SHAPE CODE 67</b>	 $L=\pi(A-d) + B$ <b>SHAPE CODE 75</b>	 $L=C\pi(A-d)$ <b>SHAPE CODE 77</b>	 $L=A + 2B + C + (D) - 2r - 4d$ <b>SHAPE CODE 98</b>	<p>All other shapes are Shape Code 99 and require fully dimensioned sketches.</p> 

**Table of minimum dimensions**



Nominal size	Minimum radius for scheduling	Minimum diameter for bending former	Minimum end projection (P) General (min. 5d straight)	Links where bend <150° (min. 10d straight)
6*	12	24	110	110
8	16	32	115	115
10	20	40	120	130
12	24	48	125	160
16	32	64	130	210
20	70	140	190	290
25	87	175	240	365
32	112	224	305	465
40	140	280	380	580
50*	175	350	475	725

\*6mm and 50mm are non-preferred sizes available to special order