


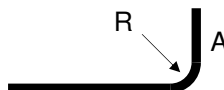
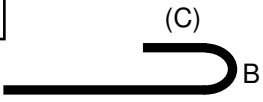
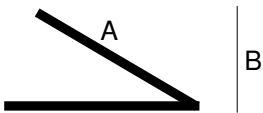
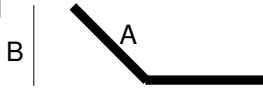



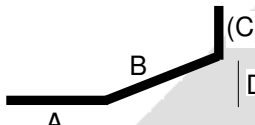

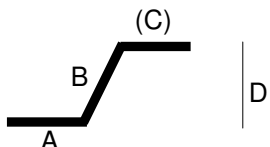
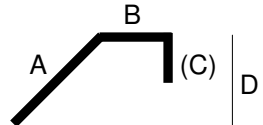

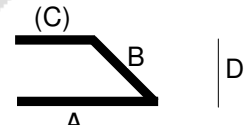
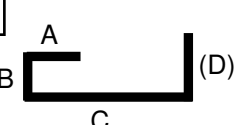
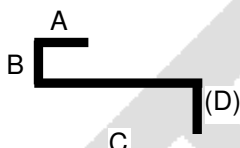
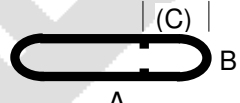
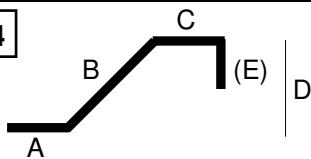
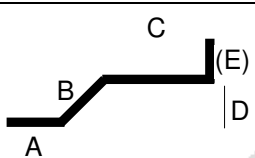
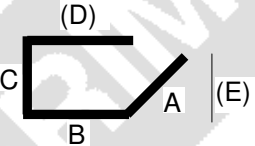
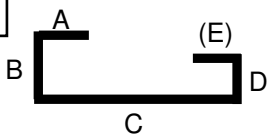
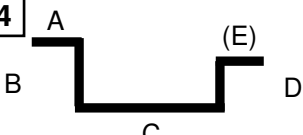
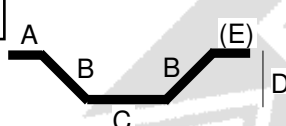

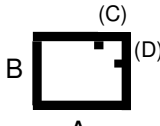
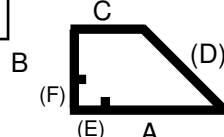
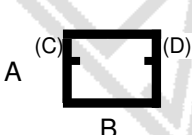
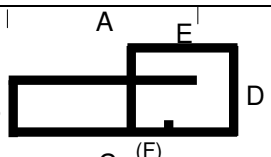
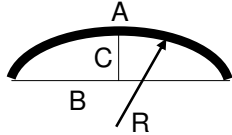
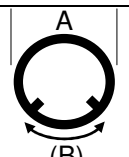

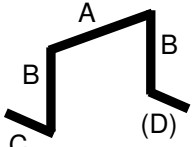



<b>00</b>  A $L = A$	<b>01</b>  A $L = A$ , stock lengths	<b>11</b>  A (B) $L = A + B - 0.5r - d$	<b>12</b>  R A (B) $L = A + B - 0.43r - 1.2d$
<b>13</b>  (C) A B $L = A + 0.57B + C - 1.6d$	<b>14</b>  A B (C) $L = A + C - 4d$	<b>15</b>  B A (C) $L = A + C$	<b>21</b>  A B (C) $L = A + B + C - r - 2d$
<b>22</b>  B A (D) C $L = A + B + C + D - 1.5r - 3d$	<b>23</b>  A B (C) $L = A + B + C - r - 2d$	<b>24</b>  (C) B A D $L = A + B + C$	<b>25</b>  C A B (E) D $L = A + B + E$
<b>26</b>  (C) B A D $L = A + B + C$	<b>27</b>  B A (C) D $L = A + B + C - 0.5r - d$	<b>28</b>  (C) B A D $L = A + B + C - 0.5r - d$	<b>29</b>  (C) B A D $L = A + B + C - r - 2d$
<b>31</b>  A B C (D) $L = A + B + C + D - 1.5r - 3d$	<b>32</b>  A B C (D) $L = A + B + C + D - 1.5r - 3d$	<b>33</b>  (C) B A $L = 2A + 1.7B + 2C - 4d$	<b>34</b>  C B A (E) D $L = A + B + C + E - 0.5r - d$
<b>35</b>  C B A (E) D $L = A + B + C + E - 0.5r - d$	<b>36</b>  (D) C B A (E) $L = A + B + C + D - r - 2d$	<b>41</b>  A B C (E) D $L = A + B + C + D + E - 2r - 4d$	<b>44</b>  A B C (E) D $L = A + B + C + D + E - 2r - 4d$
<b>46</b>  A B C (E) D $L = A + 2B + C + E$	<b>47</b>  (C)(D) A B $L = 2A + B + 2C + 1.5r - 3d$	<b>51</b>  (C) B A (D) $L = 2(A + B + C) - 2.5r - 5d$	<b>56</b>  C B (F) (E) A (D) $L = A + B + C + D + 2E - 2.5r - 5d$
<b>63</b>  (C) A B (D) $L = 2A + 3B + 2C - 3r - 6d$	<b>64</b>  A B C (F) D E $L = A + B + C + 2D + E + F - 3r - 6d$	<b>67</b>  A C B R $L = A$	<b>75</b>  A B (B) $L = \pi(A - d) + B$
<b>77</b>  C = No of turns A B $L = C \cdot \pi \cdot (A - d)$	<b>98</b>  A B C (D) $L = A + 2B + C + D - 2r - 4d$	<b>99</b> All other shapes where standard shapes cannot be used. A dimensioned sketch is required.	

Bar Diameter (d)	6	8	10	12	16	20	25	32	40
Former	24	32	40	48	64	140	175	224	280
Radius (r)	12	16	20	24	32	70	88	112	140