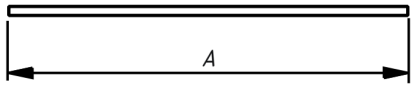
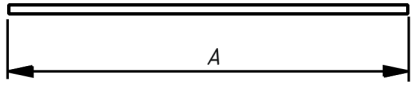
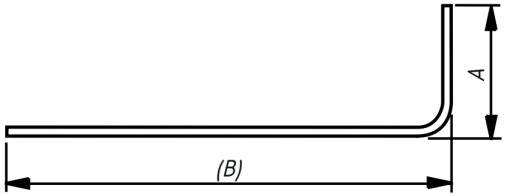
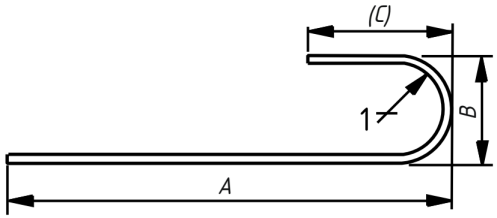
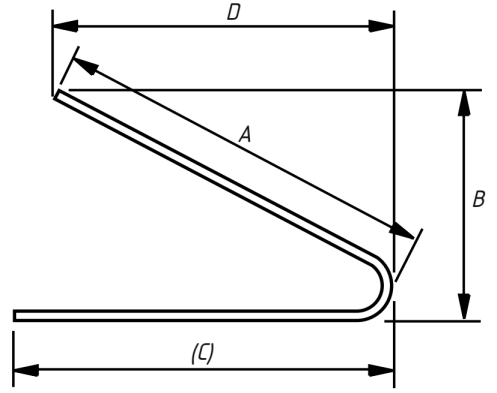
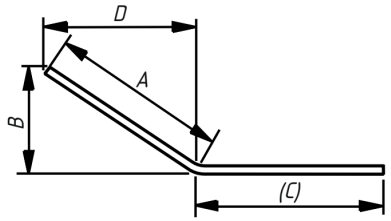
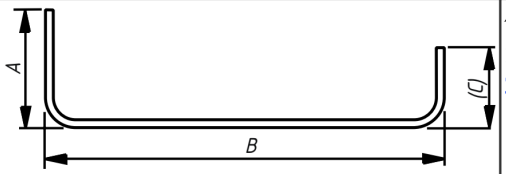
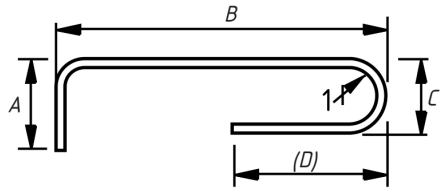
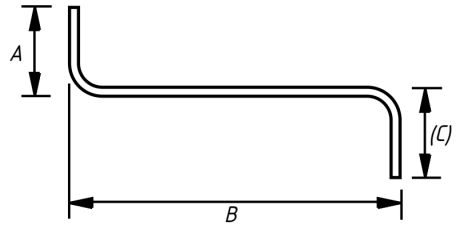
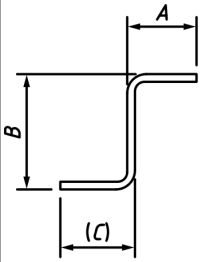
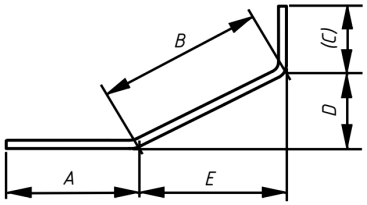
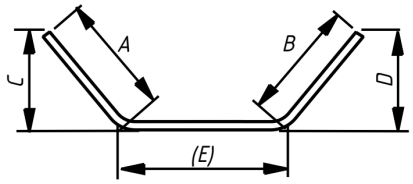
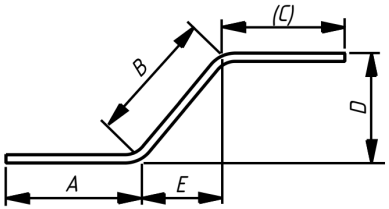
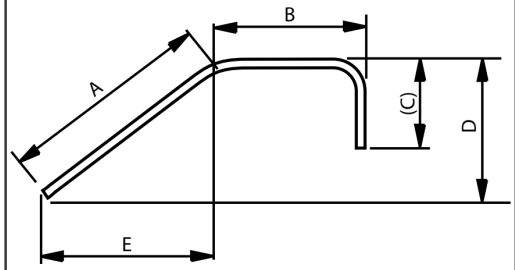
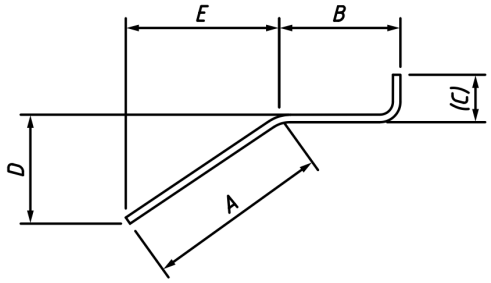
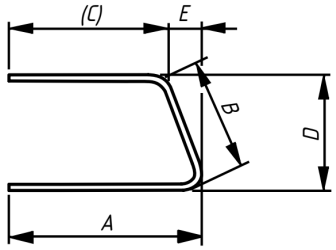
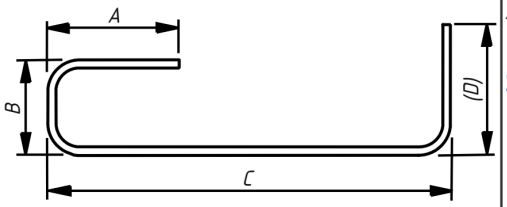
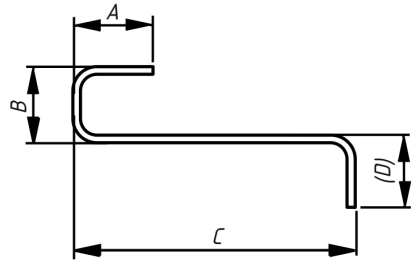
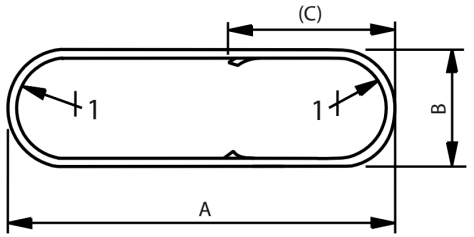
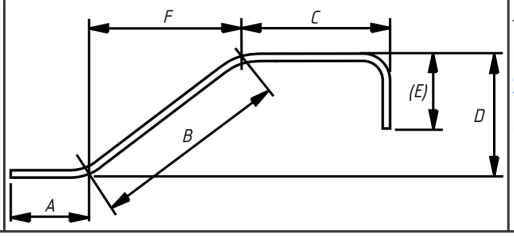
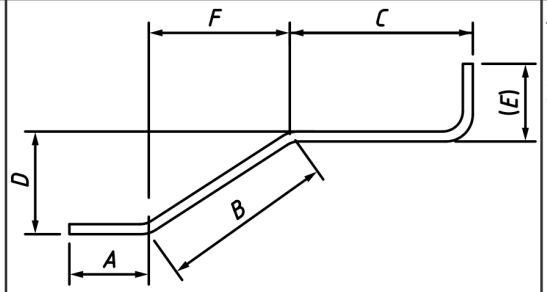
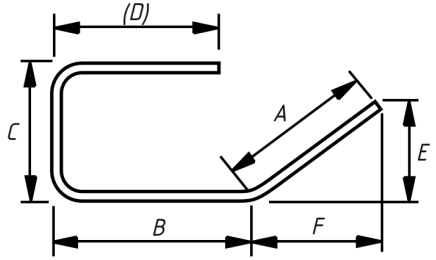
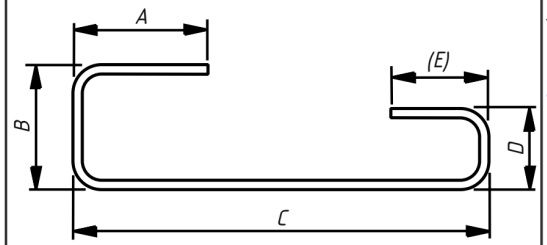
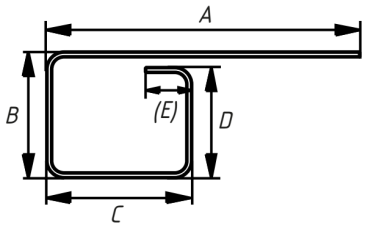
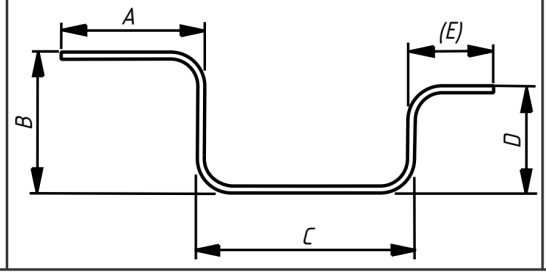
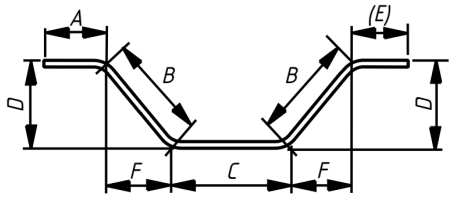
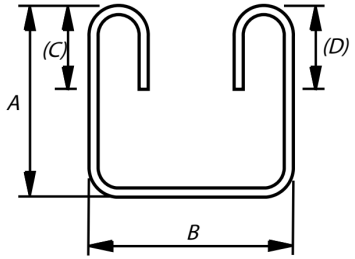
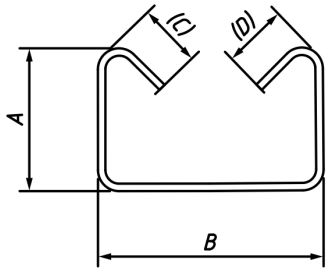
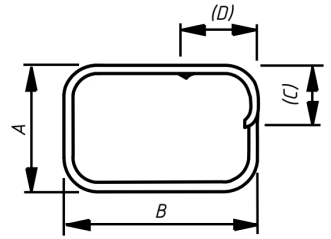
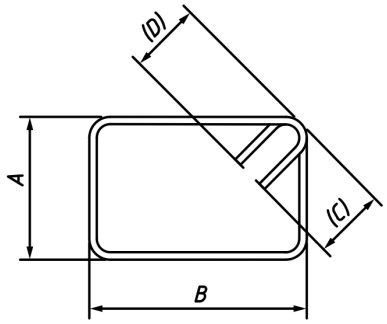
Shape code	Shape	Total length of bar, *L*, measured along centre line mm
00		*A*
01		*A* Stock lengths. See Note 1.
11		*A* + *(B)* – 0.5*r* – *d* Neither *A* nor *B* shall be less than *P* in Table 2.
12		*A* + *(B)* – 0.43*R* – 1.2*d* Neither *A* nor *B* shall be less than *(R* + *d)* + greater of 5*d* or 90. See Note 2.
13	 **Key** 1 Semi-circular	*A* + 0.57*B* + *(C)* – 1.6*d* Neither *A* nor *C* shall be less than *B*/2 + greater of 5*d* or 90 mm. *B* shall not be less than *q* in Table 2. *B* shall not exceed 400 + 2*d*.
14		*A* + *(C)* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.

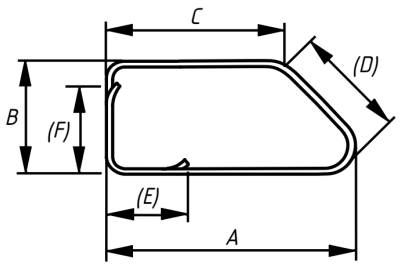
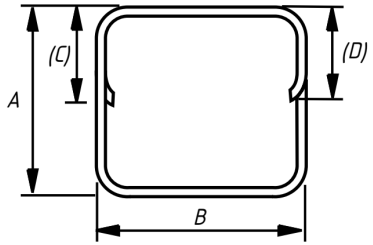
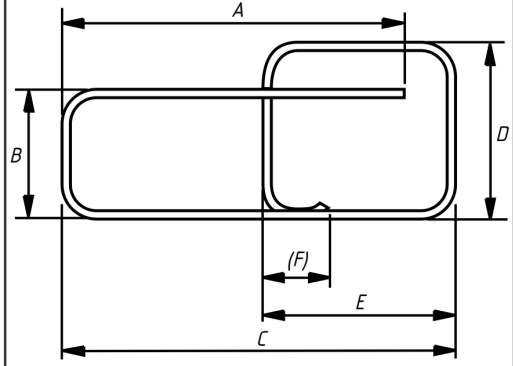
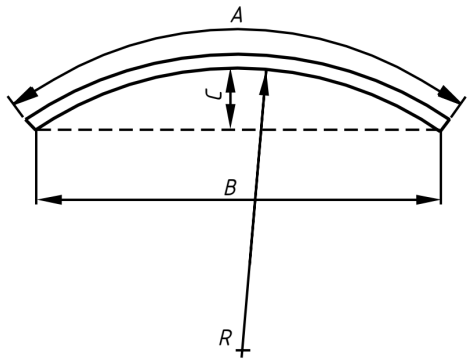
Shape code	Shape	Total length of bar, *L*, measured along centre line mm
15		*A* + *(C)* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.
21		*A* + *B* + *(C)* – *r* – 2*d* Neither *A* nor *(C)* shall be less than *P* in Table 2.
22	 **Key** 1 Semi-circular	*A* + *B* + 0.57*C* + *(D)* – 0.5*r* – 2.6*d* Neither *A* nor *(D)* shall be less than *P* in Table 2. *C* shall not be less than *q* in Table 2. *C* shall not exceed 400 + 2*d*. *(D)* shall not be less than *C*/2 + greater of 5*d* or 90.
23	 	*A* + *B* + *(C)* – *r* – 2*d* May also be used as a Z bar viz: Neither *A* nor *(C)* shall be less than *P* in Table 2.

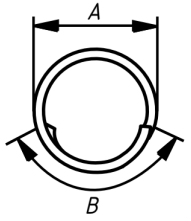
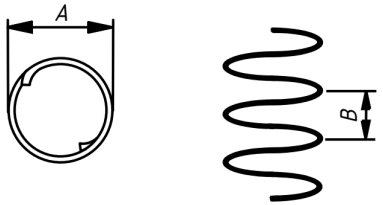
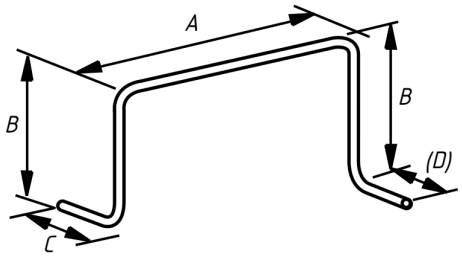
Shape code	Shape	Total length of bar, *L*, measured along centre line mm
24		*A* + *B* + *(C)* Neither *A* nor *(C)* shall be less than *P* in Table 2. *A* and *C* are at 90° to one another. See Note 3.
25		*A* + *B* + *(E)* Neither *A* nor *B* shall be less than *P* in Table 2. If *(E)* is the critical dimension, schedule a 99 and specify *A* or *B* as the free dimension. If bend angles approach 90° schedule as a shape code 99 with horizontal offsets. See Note 3.
26		*A* + *B* + *(C)* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.
27		*A* + *B* + *(C)* – 0.5*r* – *d* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.
28		*A* + *B* + *(C)* – 0.5*r* – *d* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
29		*A* + *B* + *(C)* Neither *A* nor *(C)* shall be less than *P* in Table 2. See Note 3.
31		*A* + *B* + *C* + *(D)* – 1.5*r* – 3*d* Neither *A* nor *(D)* shall be less than *P* in Table 2.
32		*A* + *B* + *C* + *(D)* – 1.5*r* – 3*d* Neither *A* nor *(D)* shall be less than *P* in Table 2.
33	 **Key** 1 Semi-circular	2*A* + 1.7*B* + 2*(C)* – 4*d* *A* shall not be less than *B/2* + *(C)* where *(C)* is at least B/2 plus greater of 5d or 90. *B* shall not be less than *q* in Table 2. *B* shall not exceed 400 + 2*d*. *C* shall not be less than *B*/2 + greater of 5*d* or 90.
34		*A* + *B* + *C* + *(E)* – 0.5*r* – *d* Neither *A* nor *(E)* shall be less than *P* in Table 2. See Note 3.

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
35		*A* + *B* + *C* + *(E)* – 0.5*r* – *d* Neither *A* nor *(E)* shall be less than *P* in Table 2. See Note 3.
36		*A* + *B* + *C* + *(D)* – *r* – 2*d* Neither *A* nor *(D)* shall be less than *P* in Table 2. See Note 3.
41	 	*A* + *B* + *C* + *D* + *(E)* – 2*r* – 4*d* Neither *A* nor *(E)* shall be less than *P* in Table 2. May also be used for a flag link viz:
44		*A* + *B* + *C* + *D* + *(E)* – 2*r* – 4*d* Neither *A* nor *(E)* shall be less than *P* in Table 2.

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
46		*A* + 2*B* + *C* + *(E)* Neither *A* nor *(E)* shall be less than *P* in Table 2. See Note 3.
47		2*A* + *B* + 2*(C)* + 2*q* – 3*r* – 6*d* *(C)* and *(D)* shall be equal and not more than *A* nor less than *P* in Table 2. Hooks to be standard hooks as defined as *q* in Table 2.
48		2*A* + *B* + 2*(C)* – *r* – 2*d* See Figure 7. *(C)* and *(D)* shall be equal and not more than *A* nor less than *P* in Table 2.
51		2[*A* + *B* + *(C)*] – 2.5*r* – 5*d* *(C)* and *(D)* shall be equal and not more than *A* or *B* not less than *P* in Table 2. Where *(C)* and *(D)* are to be minimized the following formula may be used: *L* = 2*A* + 2*B* + max (16*d*, 160)
52		2(*A* + *B*) + 2*(C)* – 1.5*r* – 3*d* *(C)* and *(D)* shall be equal and not more than *B* nor less than *P* in Table 2. Where *(C)* and *(D)* are to be minimized the following formula may be used: For bar sizes ≤16: *L* = 2*A* + 2*B* + max (20*d*, 180) For bar sizes ≥20: *L* = 2*A* + 2*B* + 21*d*

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
56		A + *B* + *C* + *D* + 2*(E)* – 1.5*r* – 3*d* *(E)* and *(F)* shall be equal and not more than *A* or *B*, nor less than *P* in Table 2. See Note 3.
63		2*A* + 3*B* + *(2C)* – 3*r* – 6*d* *(C)* and *(D)* shall be equal and not more than *A* nor less than *P* in Table 2. Where *(C)* and *(D)* are to be minimized the following formula may be used: For bar sizes ≤16: *L* = 2*A* + 3*B* + max (14*d*, 140) For bar sizes ≥20: *L* = 2*A* + 3*B* + 13*d*
64		*A* + *B* + *C* + 2*D* + *E* + *(F)* – 3*r* – 6*d* Neither *A* nor *(F)* shall be less than *P* in Table 2.
67		*A* See Clause **10**.

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
75		*Л* (A – *d)* + *B* + 25 Where *B* is the lap.
77		*CЛ (A – d)* Where C is the number of turns. Where *B* is greater than *A*/5 this equation no longer applies, in which case the following formula may be used: $L = C\ \{[Л(A - d)]^2 + B^2\}^{0.5}$
98		*A* + 2*B* + *C* + *(D)* – 2*r* – 4*d* Isometric sketch. Neither *C* nor *(D)* shall be less than *P* in Table 2.

Shape code	Shape	Total length of bar, *L*, measured along centre line mm
99	All other shapes where standard shapes cannot be used. No other shape code number, form of designation or abbreviation shall be used in scheduling. A dimensioned sketch shall be drawn over the dimension columns *A* to *R*. Every dimension shall be specified and the dimension that is to allow for permissible deviations shall be indicated in parenthesis, otherwise the fabricator is free to choose which dimension shall allow for tolerance. Coupler 99's to be scheduled to the end of the rebar, excluding any coupler type. See Figure 1. Coupler 99's may be scheduled to the end of the coupler when coupler type is known.	To be calculated. See Note 4.