

## Side clamps



**Material:**  
Steel.

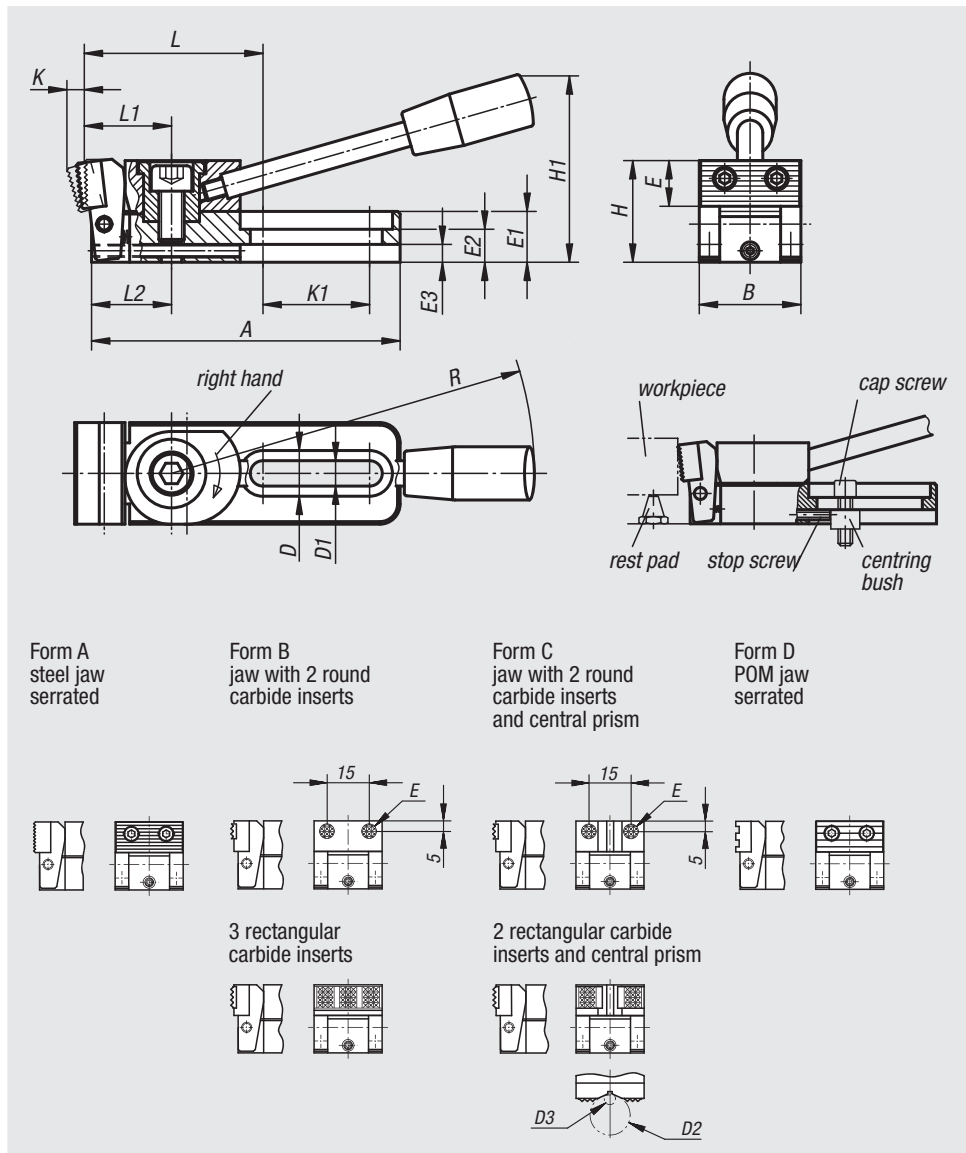
**Version:**  
Case-hardened and black oxidised.

**Sample order:**  
nlm 04516-006010

**Note:**  
This is a quick-action side clamp where workpieces are clamped by rotating a cam wheel which exerts pressure on the swivel jaw, simultaneously producing a positive down force. Using the stop screw and centring bush (see diagram), the side clamp can be mounted and positioned on a modular grid system.

The versions 04516-006010, 04516-006015, 04516-006030 and 04516-006035 have 2 round carbide inserts.

**Clamping force:**  
04516-006... = 3800 N  
04516-010... = 7200 N



Order No.	Form	Version 1	A	B	D	D1	D2 max.	D3 min.	E	E1	E2	E3	H	H1	K	K1	L	L1	L2	R	F=Retaining force N
04516-006005	A	right	78	25	12	6,2	-	-	11	12	8	4	25	45	4	26	46,5	22	20	110	3800
04516-010005	A	right	121,5	40	18	10,2	-	-	18	20	13	7	40	74	6	42	71	35	31,5	143	7200
04516-006025	A	left	78	25	12	6,2	-	-	11	12	8	4	25	45	4	26	46,5	22	20	110	3800
04516-010025	A	left	121,5	40	18	10,2	-	-	18	20	13	7	40	74	6	42	71	35	31,5	143	7200
04516-006010	B	right	78	25	12	6,2	-	-	∅8	12	8	4	24	45	3,5	26	46,5	22	20	110	3800
04516-010010	B	right	121,5	40	18	10,2	-	-	12,7	20	13	7	39	74	5,5	42	73	35	31,5	143	7200
04516-006030	B	left	78	25	12	6,2	-	-	∅8	12	8	4	24	45	3,5	26	46,5	22	20	110	3800
04516-010030	B	left	121,5	40	18	10,2	-	-	12,7	20	13	7	39	74	5,5	42	73	35	31,5	143	7200
04516-006015	C	right	78	25	12	6,2	9,5	2,5	∅8	12	8	4	24	45	3,5	26	46,5	22	20	110	3800
04516-010015	C	right	121,5	40	18	10,2	27	4,5	12,7	20	13	7	39	74	5,5	42	73	35	31,5	143	7200
04516-006035	C	left	78	25	12	6,2	9,5	2,5	∅8	12	8	4	24	45	3,5	26	46,5	22	20	110	3800
04516-010035	C	left	121,5	40	18	10,2	27	4,5	12,7	20	13	7	39	74	5,5	42	73	35	31,5	143	7200
04516-006020	D	right	78	25	12	6,2	-	-	11	12	8	4	25	45	4	26	46,5	22	20	110	3800
04516-010020	D	right	121,5	40	18	10,2	-	-	18	20	13	7	40	74	6	42	70,5	35	31,5	143	7200
04516-006040	D	left	78	25	12	6,2	-	-	11	12	8	4	25	45	4	26	46,5	22	20	110	3800
04516-010040	D	left	121,5	40	18	10,2	-	-	18	20	13	7	40	74	6	42	70,5	35	31,5	143	7200