Vertical toggle clamp

Design and use 299100:
- horizontal toggle clamp, with open holding arm and horizontal base
- galvanised and passivated
- ergonomic handle made of red, oil-resistant plastic-
- from size 2 case-hardened and pre-lubricated bearing bushes
- with tempered and galvanised clamping screw, slidable and captive
- safety spanner with finger protection
- for mounting on plates etc.

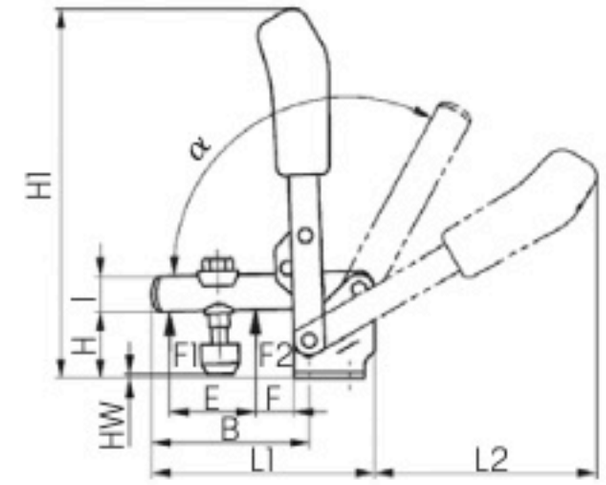
Note:
Also available in stainless steel

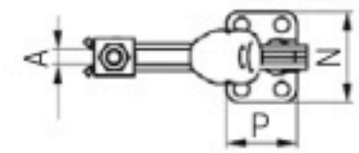
Design 299101:
- vertical clamp with twist-proof bushes (except size 1)
- rivets made of stainless steel
- galvanised and passivated
- media resistant plastic handle
- safety spanner
- long support arm guidance
- large operating space for the hand in open position

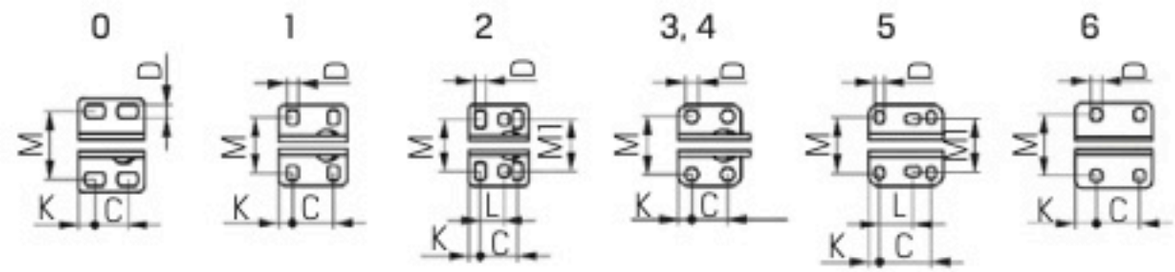
Delivery:
Incl. pressure spindle

299100

299101







Größe			0	1	2	3	4	5	6
299100 AMF			●	●	●	●	●	●	○
299101 PRETEC			–	●	●	●	●	○	–
Hole distance **C × M**	mm	299100	11× 23	18× 24	25 × 27	20 × 32,5	32 × 43,5	45 × 50	50,5 × 67,5
		299101	–	16 × 23,4	12,7 × 26,9	19 × 32	32 × 45	32 × 45	–
Bore- **D**	mm	299100	4,5	4,5	5,5	7,5	8,6	8,5	13
		299101	–	4,4	5,1	7,1	8,3	8,7	–
Clamping height **H**	mm	299100	18	19	23	33	42,5	55,8	81
		299101	–	19	23	32	42	50,8	–
Tensioning force **F1**	N	299100	500	600	800	1.200	1.700	3.000	3.400
		299101	–	–	–	–	–	–	–
Tensioning force **F2**	N	299100	700	1.100	1.200	2.500	3.000	5.000	5.500
		299101	–	450	1.500	2.500	3.400	3.600	–
Total height **H1**	mm	299100	81	98,5	139,5	186	221	224	333
		299101	–	77	111	175	218	224	–
Total length **L1**	mm	299100	49	61	78	112	141	195	231
		299101	–	50,4	69,9	90	143	176	–
Clamping screw		299100	M4 × 25	M5 × 30	M6 × 35	M8 × 45	M8 × 65	M12 × 80	M12 × 110
		299101	–	M5 × 30	M6 × 50	M8 × 45	M10 × 75	M12 × 80	–