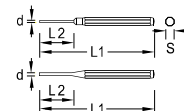


119 PIN PUNCH

octagonal



- > Acc. to DIN 6450
- > Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- > Carefully hardened and tempered along the full length
- > Striking heads inductively tempered
- > Working edge polished and clear varnished
- > No. 119-175 with pilot
- > Special types or sizes on request * not standardised

d	L ₁	L ₂	s		Code	No.
1.5	*	110	30	8	0.061	2004658 119-1,5
2.0		150	30	10	0.070	8758640 119-2
2.5	*	150	30	10	0.069	8758720 119-2,5
3.0		150	40	10	0.071	8758800 119-3
3.5	*	150	40	10	0.072	8758990 119-3,5
4.0		150	50	10	0.061	8759020 119-4
4.5	*	150	50	10	0.065	8856220 119-4,5
5.0		150	50	10	0.068	8759290 119-5

d	L ₁	L ₂	s		Code	No.
6.0		150	50	10	0.073	8759370 119-6
7.0	*	150	50	12	0.103	8759450 119-7
8.0		150	50	12	0.109	8759530 119-8
9.0	*	150	50	12	0.115	8759610 119-9
10.0		150	50	12	0.123	8759880 119-10
12.0		150	50	14	0.170	8759960 119-12
14.0		180	80	16	0.237	8859670 119-14
6.0		175	85	10	0.070	8761350 119-175

114 PIN PUNCH

with guide sleeve

- > Driving point made from material 115CrV3, hardened 55 - 59 HRC
- > With movable guide sleeve
- > Shank knurled, fine grinded and polished
- > The guide tip is attached together with the

pushed-forward guide sleeve. At the expelling stage, the flexible sleeve supports the propelling pin and, at the same time, stops the propelling tip breaking off.

* No. 114-59 with fix guide sleeve



114-09 - 114-39



114-59

d	L		Code	No.
0.9	80	0.006	8755460	114-09
1.4	85	0.012	8755540	114-14
1.8	88	0.012	8755620	114-18
2.4	92	0.018	8755700	114-24
2.8	96	0.020	8755890	114-28
3.4	96	0.026	8755970	114-34
3.9	100	0.026	8756000	114-39
5.9*	100	0.032	8756190	114-59

115 PIN PUNCH SET

8 pieces

- > In metal case with lid
- > With movable guide sleeve, no. 114-59 with fix guide sleeve

- > Driving point made from material 115CrV3, hardened 55 - 59 HRC
- > Shank knurled, fine grinded and polished



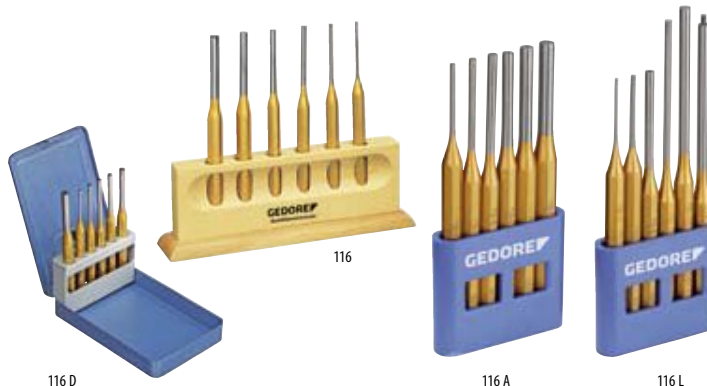
Contents		Code	No.
114-09 -14 -18 -24 -28 -34 -39 -59	0.350	8756780	115

Sets

116 A - 116 L PIN PUNCH SET

6 pieces

- > Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- > Carefully hardened and tempered along the full length
- > Striking heads inductively tempered
- > Working edge polished and clear varnished
- > 116 L = long pattern



Contents	Execution		Code	No.
119-3 -4 -5 -6 -7 -8	wooden stand	0.714	8757240	116
119-3 -4 -5 -6 -7 -8	metal case with lid	0.820	8758050	116 D

Contents	Execution		Code	No.
119-3 -4 -5 -6 -7 -8	PVC holder	0.530	8757670	116 A
119-2 -3 -5 -175 -175-4 -175-6	PVC holder	0.475	8839990	116 L