

DIN EN ISO 8734-2019
圆柱销 淬硬钢和马氏体不锈钢

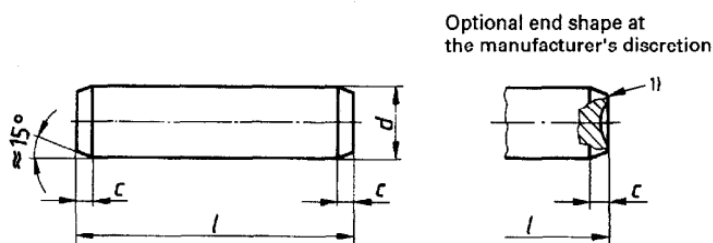
Parallel pins, of hardened steel and martensitic stainless steel (Dowel pins)

Amendant record:

DIN 6325:1951-03, 1958-10, 1971-10

DIN EN 28734:1992-10

DIN EN ISO 8734:1998-03



1) Radius and dimpled pin end permissible

	nominal diameter	$\phi 1$	$\phi 1.5$	$\phi 2$	$\phi 2.5$	$\phi 3$	$\phi 4$	$\phi 5$	$\phi 6$	$\phi 8$	$\phi 10$	$\phi 12$	$\phi 16$	$\phi 20$
d	Max (m6)	1.008	1.508	2.008	2.508	3.008	4.012	5.012	6.012	8.015	10.015	12.018	16.018	20.021
	min (m6)	1.002	1.502	2.002	2.502	3.002	4.004	5.004	6.004	8.006	10.006	12.007	16.007	20.008
c	$\approx$	0.2	0.3	0.35	0.4	0.5	0.63	0.8	1.2	1.6	2	2.5	3	3.5
"L"	$L \leq 10 = \pm 0.25$ $10 < L \leq 50 = \pm 0.5$ $50 < L \leq 100 = \pm 0.75$													

Material①	steel			Martensitic stainless steel
	TypeA Ordinary quenching	Type B pin case hardened		C1(ISO 3506-1)
	Chemical composition limits (check analysis)%			
	C: 0.95~1.1 Si: 0.15~0.35 Mn: 0.25~0.4 P: 0.03max S: 0.025max Cr: 1.35~1.65 Hardness: 550~650HV30	either: C: 0.06~0.13 Si: 0.1~0.4 Mn: 0.25~0.6 P: 0.25max S: 0.05max	or: C: 0.15max Si: 0.10max Mn: 0.9~1.3 P: 0.07max S: 0.15~0.35 Pb: 0.15~0.35	hardened and tempered to hardness of: 460-560HV30
at the supplier's discretion Surface hardness: 600 HV1 to 700 HV1 Hardness at case depth 0,25 to 0,4 mm: 550HV1min				

Surface condition	Plain, i.e. pins to be supplied in natural finish, treated with a protective lubricant, unless otherwise specified by agreement between customer and supplier	Plain, i.e. pins to be supplied in natural
	If pins are surface coated appropriate plating or coating processes should be employed to avoid hydrogen embrittlement. When pins are electro-plated or phosphate-coated, they shall be suitably treated immediately after plating or coating to obviate detrimental hydrogen embrittlement, although freedom from hydrogen embrittlement is not absolutely guaranteed (see ISO 4042)	

roughness	$Ra \leq 0.8 \mu m$
-----------	---------------------

appearance	Pins shall be free of irregularities or detrimental defects. No burrs shall appear on any part of the pin.
------------	---

① Other materials as agreed between customer and supplier.