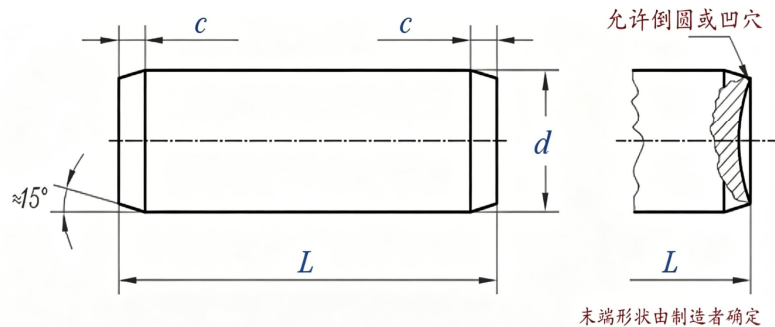


GB/T 119.2-2000
圆柱销 淬硬钢和马氏体不锈钢
Parallel pins, of hardened steel and martensitic stainless steel (Dowel pins)



d	nominal diameter	φ 1	φ 1.5	φ 2	φ 2.5	φ 3	φ 4	φ 5	φ 6	φ 8	φ 10	φ 12	φ 16	φ 20
	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	≈	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≤10=±0.25 10<L≤50=±0.5 50<L≤100=±0.75												

Requirements and reference International Standards

Material①	steel			Martensitic stainless steel
	TypeA Ordinary quenching	Type B pin case hardened		C1 (GB/T3098.6)
	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: 0.025max 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 thesupplier'sdiscretion Surface hardness: 600 HV1 to 700 11V1 Hardness at case depth 0,25 to 0,4 mm: 550HV1min		
roughness	Ra≤0.8 μ m			
appearance	Pins shall be free of irregularities or detrimental defects. No burrs shall appear on any part of the pin.			
Surface condition	Unprocessed turn black Zinc plating passivation: GB/T5267 parkerising: GB/T11376			Ptain, i.e. pins to be supplied in natural finish.
	Other surface coatings or treatments shall be agreed upon by both parties. For coated pins, dimensions and tolerances shall apply prior to coating.			

① Other materials as agreed between customer and supplier.