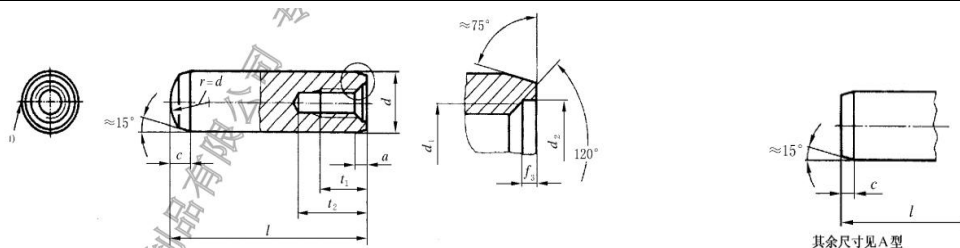


GB/T 120.2 - 2000

内螺纹圆柱销-淬硬钢和马氏体不锈钢

Parallel pins with internal thread, of hardened steel and martensitic stainless steel



A 型——球面圆柱端,适用于普通淬硬钢和马氏体不锈钢

其余尺寸见 A 型
B 型——平端,适用于表面淬硬钢

d_1	nominal diameter	ϕ 6	ϕ 8	ϕ 10	ϕ 12	ϕ 16	ϕ 20	ϕ 25	ϕ 30	ϕ 40	ϕ 50
	min (m6)	6.004	8.006	10.006	12.007	16.007	20.008	25.008	30.008	40.009	50.009
a	$\approx$	0.8	1	1.2	1.6	2	2.5	3	4	5	6.3
C		2.1	2.6	3	3.8	4.6	6	6	7	8	10
d2		M4	M5	M6	M6	M8	M10	M16	M20	M20	M24
p	Pitch	0.7	0.8	1	1	1.25	1.5	2	2.5	2.5	3
d3		4.3	5.3	6.4	6.4	8.4	10.5	17	21	21	25
t1		6	8	10	12	16	18	24	30	30	36
$t2$	min	10	12	16	20	25	28	35	40	40	50
t3		1	1.2	1.2	1.2	1.5	1.5	2	2	2.5	2.5
"L"		10<L≤50=±0.5 50<L≤100=±0.75									
screw thread		6H(GB/T 197)									
Material①	steel								Martensitic stainless steel		
	TypeA Ordinary quenching		Type B pin case hardened						C1(GB/T 3098.6)		
	Chemical composition limits (check analysis)%										
	C:0.95~1.1 Si:0.15~0.35 Mn:0.25~0.4 P: 0.3max 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			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								
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.										
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.									

①Other materials as agreed between customer and supplier.