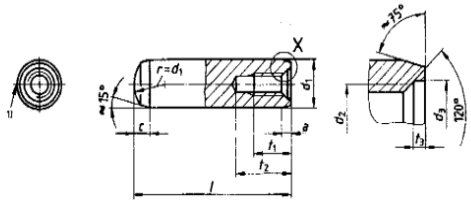
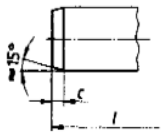
DIN EN ISO 8735 - 1998
淬硬钢和马氏体不锈钢内螺纹圆柱销
Parallel pins with internal threads, made of quenched steel and martensitic stainless steel

Amendant record:
DIN 7979:1963-06,1977-02
DIN EN 28735:1992-10



1) Slight flat or small groove at the manufacturer's discretion

Type A: Pin with crown, through hardened steel and martensitic stainless steel



NOTE — Other dimensions, see type A

Type B: Flat pin, case hardened steel

d1	nominal diameter	Φ6	Φ8	Φ10	Φ12	Φ16	Φ20	Φ25	Φ30	Φ40	Φ50
	Max（m6）	6.012	8.015	10.015	12.018	16.018	20.021	25.021	30.021	40.025	50.025
	min（m6）	6.004	8.006	10.006	12.007	16.007	20.008	25.008	30.008	40.009	50.009
a	≈	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	Metric screw thread with tolerance 6H in accordance with ISO 965-2

Material①	钢			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：0.3max 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 Pb:0.15～0.35	hardened and tempered to hardness of: 460-560HV30
		at thesupplier'sdiscretion Surface hardness: 600 HV1 to 700 1IV1 Hardness at case depth 0,25 to 0,4 mm: 550HV1min		
Surface condition	Original delivery condition: Unless otherwise agreed by the supplier and buyer, finished cylindrical pins are shipped as bare blanks coated with rust preventive oil. For coating applications: The coating process must avoid hydrogen embrittlement; immediate hydrogen removal and baking are required after electroplating or phosphating (refer to ISO 4042), though complete elimination of hydrogen embrittlement defects cannot be guaranteed. For coated pins, dimensions and tolerances shall apply prior to coating.			Ptain, i.e. pins to be supplied in natural finish.
roughness	Ra≤0.8μm			
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.