Published by EKINSUN — custom parts manufacturer. Odd sizes machined to order, from 1 piece.

Dowel Pin Diameter Chart — m6, h8 and the Hole to Ream (mm)

Nominal Ø	ISO 8734 / DIN 6325 pin (m6)	ISO 2338 pin (h8)	Press-fit hole (H7)	ISO 8735 internal thread
Ø1	1.002 – 1.008	0.986 – 1.000	1.000 – 1.010	—
Ø1.5	1.502 – 1.508	1.486 – 1.500	1.500 – 1.510	—
Ø2	2.002 – 2.008	1.986 – 2.000	2.000 – 2.010	—
Ø2.5	2.502 – 2.508	2.486 – 2.500	2.500 – 2.510	—
Ø3	3.002 – 3.008	2.986 – 3.000	3.000 – 3.010	—
Ø4	4.004 – 4.012	3.982 – 4.000	4.000 – 4.012	—
Ø5	5.004 – 5.012	4.982 – 5.000	5.000 – 5.012	—
Ø6	6.004 – 6.012	5.982 – 6.000	6.000 – 6.012	M4
Ø8	8.006 – 8.015	7.978 – 8.000	8.000 – 8.015	M5
Ø10	10.006 – 10.015	9.978 – 10.000	10.000 – 10.015	M6
Ø12	12.007 – 12.018	11.973 – 12.000	12.000 – 12.018	M6
Ø14	14.007 – 14.018	13.973 – 14.000	14.000 – 14.018	M8
Ø16	16.007 – 16.018	15.973 – 16.000	16.000 – 16.018	M8
Ø20	20.008 – 20.021	19.967 – 20.000	20.000 – 20.021	M10

Hardness & Standard Equivalents — DIN ↔ ISO

Standard	Type	Hardness	DIN / ISO counterpart
ISO 8734 A	Solid, through-hardened, ground	550–650 HV30 (≈52–58 HRC)	DIN 6325
ISO 8734 B	Solid, case-hardened, ground	≈600–700 HV surface, tougher core	—
ISO 8734 C1	Solid, martensitic stainless	460–560 HV30	—
DIN 6325	Solid, through-hardened, ground	≈60 HRC (58–62 typical catalogue spec)	ISO 8734 A
ISO 2338	Solid, unhardened (m6 or h8)	≈125–245 HV30; A1/A4 stainless	DIN 7
ISO 8735 A	Internal thread, hardened, ground	550–650 HV30	DIN 7979 D
ASME B18.8.2	Inch series, incl. standard oversizes	per grade	— (inch)

A size that is NOT in this table? We machine it — quote in 12 hours.
Scan for the live table and a quote:
https://www.ekinsun.com/custom-fasteners/dowel-pin-size-chart/