

Nominal Diameter d1	1	1.5	2	2.5	3	4	5	6
min. d1	1.002	1.502	2.002	2.502	3.002	4.004	5.004	6.004
max. d1	1.008	1.508	2.008	2.508	3.008	4.012	5.012	6.012
a~	0.4	0.5	0.6	0.7	0.8	1	1.2	1.5
z~	0.15	0.23	0.3	0.4	0.45	0.6	0.75	0.9
Hardened Steel, Single Shear Strength In lbs.	NA	418	742	1,158	1,664	2,968	4,631	6,677
Suggested Hole Size min.	1.000	1.500	2.000	2.500	3.000	4.000	5.000	6.000
Suggested Hole Size max.	1.010	1.510	2.010	2.510	3.010	4.012	5.012	6.012

Nominal Diameter d1	8	10	12	(14)	16	20	(24)
min. d1	8.006	10.006	12.007	14.007	16.007	20.008	24.008
max. d1	8.015	10.015	12.018	14.018	16.018	20.021	24.021
a~	1.8	2	2.5	2.5	3	4	
z~	1.2	1.5	1.8	2	2.5	3	
Hardened Steel, Single Shear Strength in lbs.	11,803	18,548	26,754	NA	47,437	74,191	NA
Suggested Hole Size min.	8.000	10.000	12.000	14.000	16.000	20.000	24.000
Suggested Hole Size max.	8.015	10.015	12.018	14.018	16.018	20.021	24.021

Suggested Hole Diameter Based on H7 Tolerance To Match m6 Pin Tolerance	Length Tolerance		
	+/- 0.25mm	+/- 0.50mm	+/- 0.75mm
	Through 10mm	From 12mm Through 50mm	55mm and Longer

14mm, and 24mm Diameters Are Not Included in ISO 8734, And Are Not Recommended For New Design.

Shear Strength Data Is Not Published For 1mm, 14mm, And 24mm-So Would Only Be Available With Laboratory Test Reports.

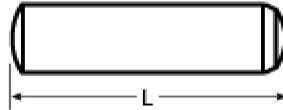
Rockwell Hardness	DIN 6325m6	ISO 8734A	To Eliminate Inspection Issues During Transition From DIN to ISO We Suggest Accepting HRC 52-62 For Either DIN or ISO.
	HRC 60 +/-2	HRC 52-58	

DIN 6325 Dowel Pins Are Through Hardened.

FOR MORE DETAILED INFORMATION, PLEASE REFER TO COMPLETE DIN OR ISO STANDARD, WHICH ARE THE GOVERNING STANDARDS

DIN 6325M (1971) / ISO 8734 (1997) - LFG 01/01/13 REVISED

DIN 6325 Dowel Pins



The diameter of Tolerance Class m6 is oversized and h6 is undersized. Length includes the radiused ends; one end has a 15° bevel. Also known as Parallel Pins. DIN 6325 is similar to ISO 8734 A.

Nominal Diameter	Radiused End Length approx.	Beveled/Radiused End Length approx.	Diameter Tolerance Zone	
			m6 max. / min.	h6 max. / min.
0.8	0.12	0.46	+0.008 / +0.002	0 / -0.006
1	0.15	0.48	+0.008 / +0.002	0 / -0.006
1.5	0.23	0.62	+0.008 / +0.002	0 / -0.006
2	0.3	0.78	+0.008 / +0.002	0 / -0.006
2.5	0.4	0.95	+0.008 / +0.002	0 / -0.006
3	0.45	1.1	+0.008 / +0.002	0 / -0.006
4	0.6	1.4	+0.012 / +0.004	0 / -0.008
5	0.75	1.7	+0.012 / +0.004	0 / -0.008
6	0.9	2.1	+0.012 / +0.004	0 / -0.008
8	1.2	2.6	+0.015 / +0.006	0 / -0.009
10	1.5	3	+0.015 / +0.006	0 / -0.009
12	1.8	3.8	+0.018 / +0.007	0 / -0.011
14	2	3.8	+0.018 / +0.007	0 / -0.011
16	2.5	4.7	+0.018 / +0.007	0 / -0.011
20	3	6	+0.021 / +0.008	0 / -0.013

All dimensions are in millimeters (mm). A decimal point instead of a comma is used as the decimal marker.

For informational purposes only.