

ISO 8752

Spring-type straight pins - Slotted, heavy duty



Standard	ISO 8752		
Product Type	ISO 8752:2009 specifies the characteristics of slotted spring-type straight pins, made of steel or of austenitic or martensitic stainless steel, heavy duty, with nominal diameter from 1 mm to 50 mm inclusive.		
Material	Stainless Steel, Carbon Steel		
Surface Finish	Passivated, Plain, Zinc Plated, Phosphate		
Size Range	1 - 50	Length Range	4-200 mm
Thread	ISO metric coarse pitch		

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	ISO 8752:2009
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DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d Diameter - mm	d1 max Outside Diameter Max - mm	d1 min Outside Diameter Min - mm	d2 Inside Diameter Ref - mm	a (max) Chamfer - mm	a (min) Chamfer - mm	Wall Thickness - mm	d Diameter - mm	d1 max Outside Diameter Max - mm	d1 min Outside Diameter Min - mm	d2 Inside Diameter Ref - mm	a (max) Chamfer - mm	a (min) Chamfer - mm	Wall Thickness - mm
1	1.3	1.2	0.8	0.35	0.15	0.2	8	8.8	8.5	5.5	2	1.6	1.5
1.5	1.8	1.7	1.1	0.45	0.25	0.3	10	10.8	10.5	6.5	2.4	2	2
2	2.4	2.3	1.5	0.55	0.35	0.4	12	12.8	12.5	7.5	2.4	2	2.5
2.5	2.9	2.8	1.8	0.6	0.4	0.5	13	13.8	13.5	8.5	2.4	2	2.5
3	3.5	3.3	2.1	0.7	0.5	0.6	14	14.8	14.5	8.5	2.4	2	3
3.5	4	3.8	2.3	0.8	0.6	0.75	16	16.8	16.5	10.5	2.4	2	3
4	4.6	4.4	2.8	0.85	0.65	0.8	18	18.9	18.5	11.5	2.4	2	3.5
4.5	5.1	4.9	2.9	1	0.8	1	20	20.9	20.5	12.5	3.4	3	4
5	5.6	5.4	3.4	1.1	0.9	1	21	21.9	21.5	13.5	3.4	3	4
6	6.7	6.4	4	1.4	1.2	1.2	25	25.9	25.5	15.5	3.4	3	5

DIMENSIONAL DATA - SIZES WE SUPPLY (CONTINUED)

ALL DIMENSIONS PER THE STANDARD

d Diameter - mm	d1 max Outside Diameter Max - mm	d1 min Outside Diameter Min - mm	d2 Inside Diameter Ref - mm	a (max) Chamfer - mm	a (min) Chamfer - mm	Wall Thickness - mm	d Diameter - mm	d1 max Outside Diameter Max - mm	d1 min Outside Diameter Min - mm	d2 Inside Diameter Ref - mm	a (max) Chamfer - mm	a (min) Chamfer - mm	Wall Thickness - mm
28	28.9	28.5	17.5	3.4	3	5.5	38	38.9	38.5	23.5	4.6	4	7.5
30	30.9	30.5	18.5	3.4	3	6	40	40.9	40.5	25.5	4.6	4	7.5
32	32.9	32.5	20.5	3.6	3	6	45	45.9	45.5	28.5	4.6	4	8.5
35	35.9	35.5	21.5	3.6	3	7	50	50.9	50.5	31.5	4.6	4	9.5

TECHNICAL SPECIFICATIONS

Surface Finish	Passivated, Plain, Zinc Plated, Phosphate
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INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: Dimensional values follow the selected execution standard. Material properties and batch test results are included only when declared or supported by the applicable certificate or test report.