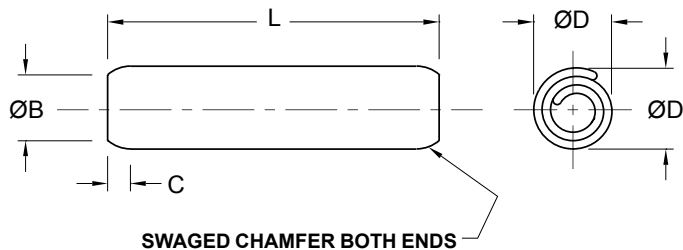




# Standard Duty Coiled Pins – Metric ISO 8750 • ASME B18.8.3M



NOMINAL DIAMETER ►	0.8	1	1.2	1.5	2	2.5	3	4	5	6	8	10	12	16	20	
DIAMETER ØD	MAX.	0.91	1.15	1.35	1.73	2.25	2.78	3.30	4.40	5.50	6.50	8.63	10.80	12.85	17.00	21.10
	MIN.	0.85	1.05	1.25	1.62	2.13	2.65	3.15	4.20	5.25	6.25	8.30	10.35	12.40	16.45	20.40
CHAMFER B DIAMETER C LENGTH	MAX.	0.75	0.95	1.15	1.40	1.90	2.40	2.90	3.90	4.85	5.85	7.80	9.75	11.70	15.60	19.60
	REF.	0.30	0.30	0.40	0.50	0.70	0.70	0.90	1.10	1.30	1.50	2.00	2.50	3.00	4.00	4.50
RECOMMENDED HOLE SIZE	MAX.	0.84	1.04	1.24	1.60	2.10	2.60	3.10	4.12	5.12	6.15	8.15	10.15	12.18	16.18	20.21
	MIN.	0.80	1.00	1.20	1.50	2.00	2.50	3.00	4.00	5.00	6.00	8.00	10.00	12.00	16.00	20.00

Note: All dimensions apply prior to plating.

## MINIMUM DOUBLE SHEAR STRENGTH kN

NOMINAL DIAMETER ►	0.8	1	1.2	1.5	2	2.5	3	4	5	6	8	10	12	16	20
DOUBLE SHEAR STRENGTH CARBON / ALLOY STEEL / CHROME STAINLESS*	0.4	0.6	0.9	1.45	2.5	3.9	5.5	9.6	15	22	39	62	89	155	250
DOUBLE SHEAR STRENGTH NICKEL STAINLESS STEEL*	0.3	0.45	0.65	1.05	1.9	2.9	4.2	7.6	11.5	16.8	30	48	67	—	—

\* Shear tests performed in accordance ASME B18.8.3M and ISO 8749.

## STANDARD LENGTHS

NOMINAL DIAMETER ►	0.8	1	1.2	1.5	2	2.5	3	4	5	6	8	10	12	16	20
5															
6															
8															
10															
12															
14															
16															
18															
20															
22															
24															
26															
28															
30															
35															
40															
45															
50															
55															
60															
65															
70															
75															
80															
85															
90															
95															
100															

Interchangeable  
mm and Inch Pins

mm Diameter	Inch Diameter
0.8	.031 1/32
1.0	.039
1.2	.047 3/64
2.0	.078 5/64
4.0	.156 5/32
8.0	.312 5/16
16.0	.625 5/8

Nominal Pin Length	Length Tolerance	
Nominal Pin Size	Ø0.8 - 10	Ø12 - 20
L ≤ 10	±0.25	N/A
10 < L ≤ 50	±0.5	±0.5
50 < L	±0.75	±0.75

Pin Straightness Tolerance <sup>1</sup> Gage Hole Diameter			
Specified Maximum			
Pin Diameter Plus:			
Nominal Pin Length	Min.	Max.	Gage Length ±0.15
L ≤ 24	0.18	0.2	25
24 < L ≤ 50	0.3	0.34	50
50 < L	0.42	0.48	75

Only available in stainless steel
  Available in high carbon and stainless steels
  Only available in alloy steel

Special sizes, duties, materials and finishes, including oil-free pins, are available upon request.

<sup>1</sup> Pin must fall through the gage by its own weight.