

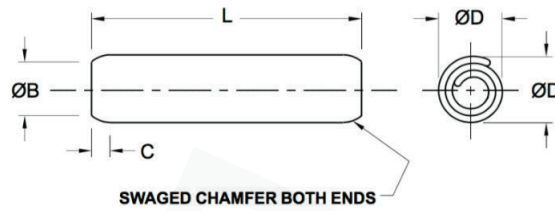
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Key of Reserch - Industrial Solution's Source

SPINA ELASTICA SPIROL ISO 8748 SERIE PESANTE



Cert. n°: 393588



NOMINAL DIAMETER			1,5	2	2,5	3	4	5	6	8	10	12
DIAMETER	ØD	MAX	1,71	2,21	2,73	3,25	4,30	5,35	6,40	8,55	10,65	12,75
		MIN	1,61	2,11	2,62	3,12	4,15	5,15	6,18	8,25	10,30	12,35
CHAMFER	B DIAMETER	MAX	1,40	1,90	2,40	2,90	3,90	4,85	5,85	7,80	9,75	11,70
	C LENGHT	REF	0,50	0,70	0,70	0,90	1,10	1,30	1,50	2,00	2,50	3,00
RECCOMENDED HOLE SIZE		MAX	1,60	2,10	2,60	3,10	4,12	5,12	6,15	8,15	10,15	12,18
		MIN	1,50	2,00	2,50	3,00	4,00	5,00	6,00	8,00	10,00	12,00

Note: All dimensions apply prior to plating.

NOMINAL DIAMETER	1,5	2	2,5	3	4	5	6	8	10	12
DOUBLE SHEAR STRENGTH CARBON / ALLOY STEEL / CHROMOE STAIN- LESS	1,9	3,5	5,5	7,6	13,5	20	30	53	84	120
DOUBLE SHEAR STRENGTH NICKEL STAINLESS STEEL	1,45	2,5	3,8	5,7	10	15,5	23	41	64	

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

NOMINAL DIAMETER	1,5	2	2,5	3	4	5	6	8	10	12
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75										
80										
85										
90										
95										
100										

Interchangeable mm and Inch Pins	
mm	Inch
Diameter	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	Ø 1.5 - 10	Ø 12	
L ≤ 10	± 0.25	N/A	
10 < L ≤ 50	± 0.5	± 0.5	
50 < L	± 0.75	± 0.75	

Pin Straightness Tolerance¹

Gage Hole Diameter
Specified Maximum

Nominal	Pin Diameter Plus:		Gage Length
Pin Length	Min.	Max.	± 0.15
L ≤ 24	0.18	0.2	25
24 < L ≤ 50	0.3	0.34	50
50 < L	0.42	0.48	75

Disponibile in acciaio al carbonio e acciaio inox



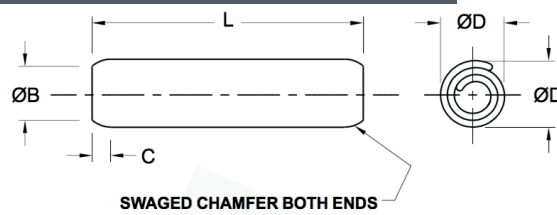
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Key of Research - Industrial Solution's Source

SPINA ELASTICA SPIROL ISO 8750 STANDARD



Cert. n°: 393588



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	4,50	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	MAX	0,75	0,95	1,15	1,40	1,90	2,40	2,90	3,90	4,58	5,85	7,80	9,75	11,70	15,60	19,60
	C LENGHT	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
RECCOMENDED HOLE SIZE		MAX	0,84	1,04	1,24	1,60	2,60	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	2,50	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.

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 STAIN- LESS	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.

NOMINAL DIAMETER	0.8	1	1.2	1.5	2	2.5	3	4	5	6	8	10	12	16	20
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90															
95															
100															

Interchangeable mm and Inch Pins

mm	Inch	
Diameter	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	Ø 0.8 - 10	Ø 12 - 20	
L ≤ 10	± 0.25	N/A	
10 < L ≤ 10	± 0.5	± 0.5	
50 < L	± 0.75	± 0.75	

Pin Straightness Tolerance¹

Gage Hole Diameter

Specified Maximum

Nominal Pin Length	Pin Diameter Plus:		Gage Length
	Min.	Max.	± 0.15
L ≤ 24	0.18	0.2	25
24 < L ≤ 50	0.3	0.34	50
50 < L	0.42	0.48	75

Disponibile solo in acciaio inox

Disponibile in acciaio al carbonio e acciaio inox

Disponibile solo in acciaio



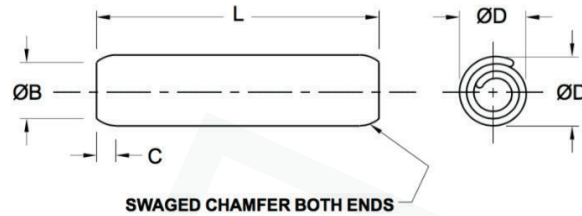
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Key of Research - Industrial Solution's Source

SPINA ELASTICA SPIROL ISO 8751 SERIE LEGGERA



Cert. n°: 393588



NOMINAL DIAMETER			1,5	2	2,5	3	4	5	6
DIAMETER	ØD	MAX	1,75	2,28	2,82	3,35	4,45	5,50	6,55
		MIN	1,62	2,13	2,65	3,15	4,20	5,20	6,25
CHAMFER	B DIAMETER	MAX	1,40	1,90	2,40	2,90	3,90	4,85	5,85
	C LENGHT	REF	0,50	0,70	0,70	0,90	1,10	1,30	1,50
RECCOMENDED HOLE SIZE		MAX	1,60	2,10	2,60	3,10	4,12	5,12	6,15
		MIN	1,50	2,00	2,50	3,00	4,00	5,00	6,00

Note: All dimensions apply prior to plating.

NOMINAL DIAMETER	1,5	2	2,5	3	4	5	6
DOUBLE SHEAR STRENGHT CARBON / ALLOY STEEL / CHRMOE STAIN- LESS	0,8	1,5	2,3	3,3	5,7	9	13
DOUBLE SHEAR STRENGHT NICKEL STAINLESS STEEL	0,65	1,1	1,8	2,5	4,4	7	10

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

NOMINAL DIAMETER	1,5	2	2,5	3	4	5	6
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14							
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35							
40							
45							
50							
55							
60							

Interchangeable mm and Inch Pins		
mm	Inch	
Diameter	Diameter	
2.0	.078	5/64
4.0	.156	5/32

Nominal Pin Length		Length Tolerance	
Nominal Pin Size		Ø 12	
L ≤ 10		± 0.25	
10 ≤ L ≤ 50		± 0.5	
50 < L		± 0.75	
Pin Straightness Tolerance ¹			
Gage Hole Diameter			
Specified Maximum			
Nominal	Pin Diameter Plus:		Gage Length
Pin Length	Min.	Max.	± 0.15
L ≤ 24	0.18	0.2	25
24 < L ≤ 50	0.3	0.34	50
50 < L	0.42	0.48	75

Disponibile solo in acciaio inox

Disponibile in acciaio al carbonio e acciaio inox