

Axial Clamps





i Axial clamps are a simple, safe and **fast solution** to realize hard to detach axial connections. They can be used with axials, tubes, wires cones, rivets, screws or pins. Typical applications can be found in the automotive and electrical industries or for example on gardening tools or children toys.

Two types are disposable:
Open axial clamp rings and closed axial clamp caps.

In addition to the shown catalogue items further products with different surface (e.g. DELTA-Tone) or intermediate sizes for axle diameters up to 25 mm are receivable - adventitious several external diameters.

The caps can be coated with individual colours for example according to RAL or other scales.

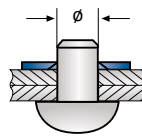
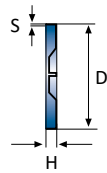
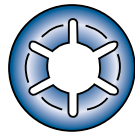




Axial Clamp Ring Series 10.810

Steel

> **Browned**



ϕ	D	H	S	Teeth	Pull off force (N)	No.	
3,0	11,0	1,3	0,2	4	200	10.810.030.110	1000
4,0	11,0	1,3	0,2	5	400	10.810.040.110	1000
5,0	11,0	1,3	0,2	6	600	10.810.050.110	1000
6,0	15,0	1,6	0,25	6	800	10.810.060.150	1000
7,0	15,0	1,6	0,25	6	800	10.810.070.150	1000
8,0	15,0	1,6	0,25	6	800	10.810.080.150	1000
9,0	18,0	2,1	0,25	6	1000	10.810.090.180	1000

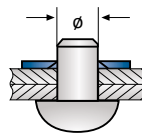
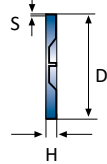
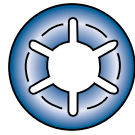
ϕ	D	H	S	Teeth	Pull off force (N)	No.	
10,0	18,0	2,1	0,3	6	1100	10.810.100.180	1000
12,0	25,0	3,0	0,4	6	2500	10.810.120.250	1000
15,0	28,0	2,8	0,4	6	2500	10.810.150.280	500
20,0	36,0	3,0	0,4	8	3500	10.810.200.360	500
25,0	41,0	3,3	0,5	8	5000	10.810.250.410	500
30,0	50,0	4,3	0,5	10	6000	10.810.300.500	100



Axial Clamp Ring Series 10.820

Steel

> **Zinc Plated**



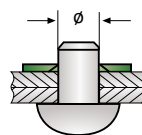
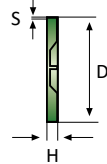
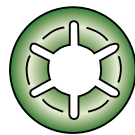
ϕ	D	H	S	Teeth	Pull off force (N)	No.	
3,0	11,0	1,3	0,2	4	200	10.820.030.110	1000
4,0	11,0	1,3	0,2	5	400	10.820.040.110	1000
5,0	11,0	1,3	0,2	6	600	10.820.050.110	1000
6,0	15,0	1,6	0,25	6	800	10.820.060.150	1000
7,0	15,0	1,6	0,25	6	800	10.820.070.150	1000
8,0	15,0	1,6	0,25	6	800	10.820.080.150	1000
9,0	18,0	2,1	0,25	6	1000	10.820.090.180	1000

ϕ	D	H	S	Teeth	Pull off force (N)	No.	
10,0	18,0	2,1	0,3	6	1100	10.820.100.180	1000
12,0	25,0	3,0	0,4	6	2500	10.820.120.250	1000
15,0	28,0	2,8	0,4	6	2500	10.820.150.280	500
20,0	36,0	3,0	0,4	8	3500	10.820.200.360	500
25,0	41,0	3,3	0,5	8	5000	10.820.250.410	500
30,0	50,0	4,3	0,5	10	6000	10.820.300.500	100



Axial Clamp Ring Series 10.828

Stainless Steel



[1.4310]

ϕ	D	H	S	Teeth	Pull off force (N)	No.	
4,0	11,0	1,3	0,2	5	100	10.828.040.110	1000
5,0	11,0	1,3	0,2	6	300	10.828.050.110	1000
6,0	15,0	1,6	0,25	6	400	10.828.060.150	1000

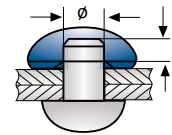
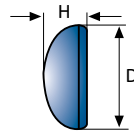
ϕ	D	H	S	Teeth	Pull off force (N)	No.	
8,0	15,0	1,6	0,25	6	600	10.828.080.150	1000
10,0	18,0	2,1	0,3	6	800	10.828.100.180	1000

Axial Clamp Cap Series 10.830



Steel

Nickel Plated Cap <
Zinc Plated Ring <



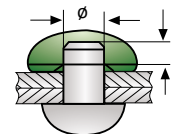
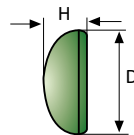
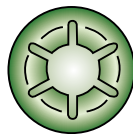
ø	D	H	I	Pull off force (N)	No.	
3,0	12,0	4,2	3,0	200	10.830.030.120	1000
4,0	12,0	4,2	3,0	400	10.830.040.120	1000
5,0	12,0	4,2	3,0	500	10.830.050.120	1000
6,0	16,0	5,7	4,0	600	10.830.060.160	1000
7,0	16,0	5,7	4,0	900	10.830.070.160	1000
8,0	16,0	5,7	4,0	1000	10.830.080.160	1000
9,0	20,0	7,1	4,5	1000	10.830.090.200	1000
10,0	20,0	7,1	4,5	1100	10.830.100.200	500

ø	D	H	I	Pull off force (N)	No.	
12	27,0	9,4	6,0	2500	10.830.120.270	500
15	30,0	9,7	6,0	2500	10.830.150.300	500
16	30,0	9,7	6,0	2500	10.830.160.300	500
18	30,0	9,7	6,0	3500	10.830.180.300	500
20	39,0	10,0	6,0	3500	10.830.200.390	500
22	39,0	10,0	6,0	3700	10.830.220.390	500
25	43,0	12,8	7,0	5000	10.830.250.430	500

Axial Clamp Cap Series 10.838



Stainless Steel



[1.4310]

ø	D	H	I	Pull off force (N)	No.	
4,0	12,0	4,2	3,0	400	10.838.040.120	1000
5,0	12,0	4,2	3,0	500	10.838.050.120	1000
6,0	16,0	5,7	4,0	600	10.838.060.160	1000

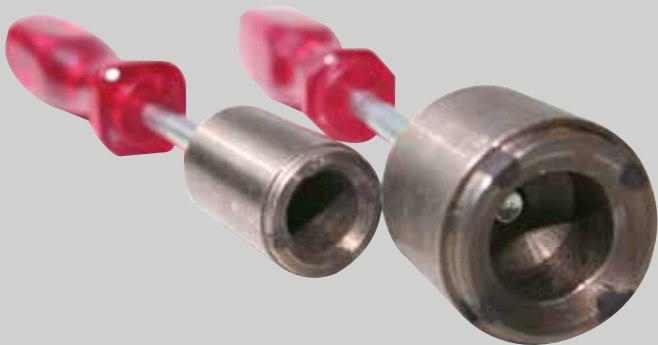
ø	D	H	I	Pull off force (N)	No.	
8	16,0	5,7	4,0	1000	10.838.080.160	1000
10	20,0	7,1	4,5	1100	10.838.100.200	500



Axial Clamps

Setting of axial clamps

Fix our axial clamp rings and caps quick and safe with this compatible tool. It helps to avoid the damage of the fastener and guarantees the steady power transmission.



Automated solutions for large production volumes on demand.

For axial Clamp Rings

Outside-ø	No.
15,0 mm	18.509.000.150
18,0 mm	18.509.000.180
25,0 mm	18.509.000.250

For axial Clamp Caps

Outside-ø	No.
12,0 mm	18.509.000.120
16,0 mm	18.509.000.160
20,0 mm	18.509.000.200
27,0 mm	18.509.000.270
30,0 mm	18.509.000.300

Smoothing and beveling of sharp edges on the axle makes the assembly of the fasteners easier and more secure!