

## 不锈钢滚珠锁销

AISI 630, 带塑料捏手

### 规格

AISI 630 不锈钢销

沉淀硬化处理

捏手

塑料 (聚酰胺PA)

- 黑灰色/红色

- 耐受温度达 80 °C

滚球

AISI 420C 不锈钢

弹簧

德国材料编号 No. 1.4565



### 信息

GN 113.6 不锈钢滚珠锁销适用于快速连接和固定各种零件或待加工工件, 尤其适用于需要反复拆卸和重新安装の場合。

按压按钮, 解锁两颗滚珠, 松开按钮则重新锁定。

上表中的负载值为理论剪切负载, 仅供参考。该参考值不具约束性, 不对用户的选择承担责任; 并不构成一般意义的质保和使用场合要求。用户必须根据实际情况选择适合预期用途的产品。

- 锁销固定范围 (参见页 868)

### 附件

- 珠链 GN 111 (参见页 904)

- 不锈钢珠链 GN 111.5 (参见页 905)

- 挂缆 GN 111.2 (参见页 906)

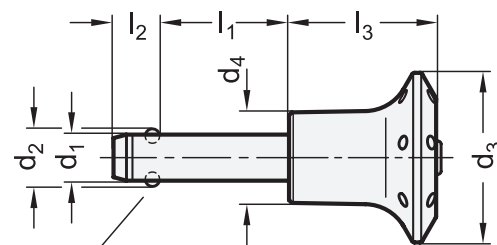
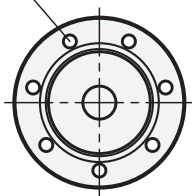
- 螺旋挂缆 GN 111.4 (参见页 908)

### 技术信息

- ISO-基本公差 (参见页 A21)

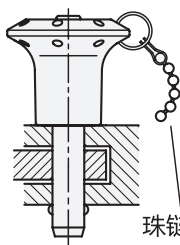
- 不锈钢特性 (参见页 A26)

用于扣环的孔  
(珠链)



滚珠处于锁定位置

### 应用示例

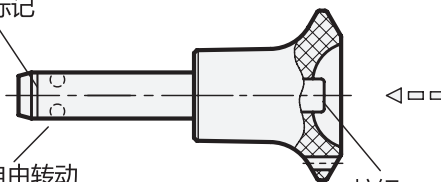


珠链 GN 111

AISI 630  
物料标记

滚珠自由转动

按钮



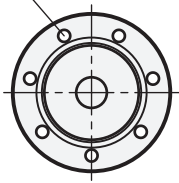
GN 113.6

不锈钢

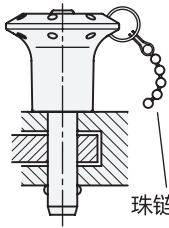
| 说明              | d1 -0.04/-0.08 | l1 +0.6 | d2  | d3 | d4 | l2 ±1 | l3 -0.2 | 定位孔<br>H11 | 载荷 kN ≈<br>(双向<br>抗剪强度)<br>根据 DIN 50141<br>(破坏强度) |  |
|-----------------|----------------|---------|-----|----|----|-------|---------|------------|---------------------------------------------------|-------------------------------------------------------------------------------------|
| GN 113.6-5-10   | 5              | 10      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 17                                                                                  |
| GN 113.6-5-15   | 5              | 15      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 18                                                                                  |
| GN 113.6-5-20   | 5              | 20      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 19                                                                                  |
| GN 113.6-5-25   | 5              | 25      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 20                                                                                  |
| GN 113.6-5-30   | 5              | 30      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 22                                                                                  |
| GN 113.6-5-35   | 5              | 35      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 23                                                                                  |
| GN 113.6-5-40   | 5              | 40      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 25                                                                                  |
| GN 113.6-5-45   | 5              | 45      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 27                                                                                  |
| GN 113.6-5-50   | 5              | 50      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 29                                                                                  |
| GN 113.6-5-60   | 5              | 60      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 30                                                                                  |
| GN 113.6-5-70   | 5              | 70      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 31                                                                                  |
| GN 113.6-5-80   | 5              | 80      | 5.5 | 30 | 16 | 6     | 26      | 5          | 24                                                | 32                                                                                  |
| GN 113.6-6-10   | 6              | 10      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 18                                                                                  |
| GN 113.6-6-15   | 6              | 15      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 19                                                                                  |
| GN 113.6-6-20   | 6              | 20      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 20                                                                                  |
| GN 113.6-6-25   | 6              | 25      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 21                                                                                  |
| GN 113.6-6-30   | 6              | 30      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 23                                                                                  |
| GN 113.6-6-35   | 6              | 35      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 25                                                                                  |
| GN 113.6-6-40   | 6              | 40      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 26                                                                                  |
| GN 113.6-6-45   | 6              | 45      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 28                                                                                  |
| GN 113.6-6-50   | 6              | 50      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 30                                                                                  |
| GN 113.6-6-60   | 6              | 60      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 32                                                                                  |
| GN 113.6-6-70   | 6              | 70      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 33                                                                                  |
| GN 113.6-6-80   | 6              | 80      | 7   | 30 | 16 | 7.1   | 26      | 6          | 35                                                | 35                                                                                  |
| GN 113.6-8-10   | 8              | 10      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 37                                                                                  |
| GN 113.6-8-15   | 8              | 15      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 39                                                                                  |
| GN 113.6-8-20   | 8              | 20      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 42                                                                                  |
| GN 113.6-8-25   | 8              | 25      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 44                                                                                  |
| GN 113.6-8-30   | 8              | 30      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 46                                                                                  |
| GN 113.6-8-35   | 8              | 35      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 48                                                                                  |
| GN 113.6-8-40   | 8              | 40      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 51                                                                                  |
| GN 113.6-8-45   | 8              | 45      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 55                                                                                  |
| GN 113.6-8-50   | 8              | 50      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 57                                                                                  |
| GN 113.6-8-60   | 8              | 60      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 60                                                                                  |
| GN 113.6-8-70   | 8              | 70      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 62                                                                                  |
| GN 113.6-8-80   | 8              | 80      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 65                                                                                  |
| GN 113.6-8-90   | 8              | 90      | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 69                                                                                  |
| GN 113.6-8-100  | 8              | 100     | 9.5 | 35 | 19 | 8.2   | 32.5    | 8          | 63                                                | 73                                                                                  |
| GN 113.6-10-15  | 10             | 15      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 45                                                                                  |
| GN 113.6-10-20  | 10             | 20      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 49                                                                                  |
| GN 113.6-10-25  | 10             | 25      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 52                                                                                  |
| GN 113.6-10-30  | 10             | 30      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 55                                                                                  |
| GN 113.6-10-35  | 10             | 35      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 58                                                                                  |
| GN 113.6-10-40  | 10             | 40      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 62                                                                                  |
| GN 113.6-10-45  | 10             | 45      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 64                                                                                  |
| GN 113.6-10-50  | 10             | 50      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 68                                                                                  |
| GN 113.6-10-60  | 10             | 60      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 73                                                                                  |
| GN 113.6-10-70  | 10             | 70      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 75                                                                                  |
| GN 113.6-10-80  | 10             | 80      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 77                                                                                  |
| GN 113.6-10-90  | 10             | 90      | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 80                                                                                  |
| GN 113.6-10-100 | 10             | 100     | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 84                                                                                  |
| GN 113.6-10-110 | 10             | 110     | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 86                                                                                  |
| GN 113.6-10-120 | 10             | 120     | 12  | 35 | 19 | 9.6   | 32.5    | 10         | 100                                               | 88                                                                                  |



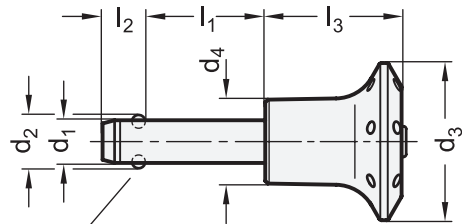
用于扣环的孔  
(珠链)



应用示例



珠链 GN 111

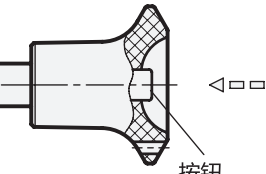


滚珠处于锁定位置

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物料标记

滚珠自由转动

按钮



GN 113.6

不锈钢

| 说明              | d1 -0.04/-0.08 | l1 +0.6 | d2   | d3 | d4 | l2 ±1 | l3 -0.2 | 定位孔<br>H11 | 载荷 kN ≈<br>(双向<br>抗剪强度)<br>根据 DIN 50141<br>(破坏强度) | △   |
|-----------------|----------------|---------|------|----|----|-------|---------|------------|---------------------------------------------------|-----|
| GN 113.6-12-20  | 12             | 20      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 90  |
| GN 113.6-12-25  | 12             | 25      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 100 |
| GN 113.6-12-30  | 12             | 30      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 104 |
| GN 113.6-12-35  | 12             | 35      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 108 |
| GN 113.6-12-40  | 12             | 40      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 113 |
| GN 113.6-12-45  | 12             | 45      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 117 |
| GN 113.6-12-50  | 12             | 50      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 121 |
| GN 113.6-12-60  | 12             | 60      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 123 |
| GN 113.6-12-70  | 12             | 70      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 138 |
| GN 113.6-12-80  | 12             | 80      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 148 |
| GN 113.6-12-90  | 12             | 90      | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 154 |
| GN 113.6-12-100 | 12             | 100     | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 159 |
| GN 113.6-12-110 | 12             | 110     | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 162 |
| GN 113.6-12-120 | 12             | 120     | 14.5 | 42 | 25 | 10.6  | 39      | 12         | 144                                               | 169 |
| GN 113.6-16-30  | 16             | 30      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 126 |
| GN 113.6-16-35  | 16             | 35      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 130 |
| GN 113.6-16-40  | 16             | 40      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 151 |
| GN 113.6-16-45  | 16             | 45      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 158 |
| GN 113.6-16-50  | 16             | 50      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 167 |
| GN 113.6-16-60  | 16             | 60      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 183 |
| GN 113.6-16-70  | 16             | 70      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 198 |
| GN 113.6-16-80  | 16             | 80      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 213 |
| GN 113.6-16-90  | 16             | 90      | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 215 |
| GN 113.6-16-100 | 16             | 100     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 220 |
| GN 113.6-16-110 | 16             | 110     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 226 |
| GN 113.6-16-120 | 16             | 120     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 230 |
| GN 113.6-16-130 | 16             | 130     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 242 |
| GN 113.6-16-140 | 16             | 140     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 250 |
| GN 113.6-16-150 | 16             | 150     | 19   | 42 | 25 | 14    | 39      | 16         | 257                                               | 262 |