

## 349 Machine Parts

O-Rings  
Oil  
Seals

Rubbers

Resins

Metal  
MaterialsVibration  
Absorber

Adjusters

Plungers

Springs  
for  
Die

Springs

Split  
PinsSnap  
RingsOil  
GaugesOil  
Tank  
Caps

Knobs

Levers

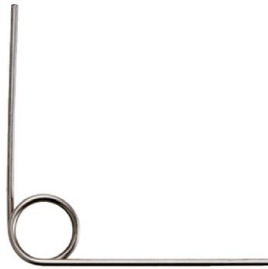
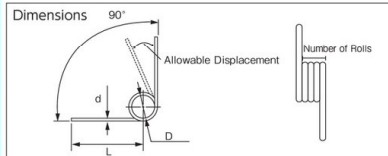
Grip  
Handles

Handles

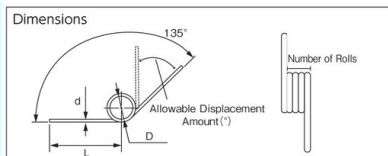
Hinges

Slide  
Rails

Stays

Toggle  
LatchesFastening  
PartsAluminum  
FramesTS-A Type  
(arm angle 90°)

\*Allowable displacement amount is set when used in the direction to close the arm angle. When used in the direction to open the arm, please use less than allowable displacement x 75%.

TS-B Type  
(arm angle 135°)

\*Allowable displacement amount is set when used in the direction to close the arm angle. When used in the direction to open the arm, please use less than allowable displacement x 75%.

Item No. Example

TS - 33001 R A

Size

Winding  
direction  
R: Right windArm angle/  
A: 90° Type  
B: 135° Type

## Torsion Spring (stainless steel)

คุณสมบัติ

- สปริงเชิงกลที่ขดเป็นทรงกระบอกซึ่งใช้พันเข้ากับแกนขดลวด
- เมื่อถูกใช้เพื่อปิดมุมของแขนยึด เส้นผ่านศูนย์กลางของแตรรองรับสปริงจะมีขนาดเป็น 90% ของเส้นผ่านศูนย์กลางภายในของขดลวดเมื่อมีการรับน้ำหนักสูงสุด เนื่องจากเส้นผ่านศูนย์กลางของขดลวดจะมีขนาดลดลง
- สปริงต้องการพลังในการยืดและคืนตัวของก๊ีบ

ข้อมูลจำเพาะ

- มุมของแขน: 90°

วัสดุ

- เหล็กกล้าไร้สนิม (SUS304-WPB)

ประเทศที่ผลิต

- ญี่ปุ่น

Order Unit: 1 Pack

TRUSCO NAKAYAMA CORPORATION

| Order Code | Item No.   | Price (per pack) | d (mm) | Mechanical Spring Constant (N·mm/deg) | Allowable Displacement Amount (°) | D (mm) | L (mm) | Number of Rolls (roll) | Qty Per Pack (pcs) | Weight (g) |
|------------|------------|------------------|--------|---------------------------------------|-----------------------------------|--------|--------|------------------------|--------------------|------------|
| 160-5324   | TS-33001RA | 830THB           | 0.3    | 0.05                                  | 56                                | 3      | 12     | 2                      | 20                 | 9          |
| 160-5327   | TS-33010RA | 830THB           | 0.5    | 0.26                                  | 52                                | 3      | 12     | 3                      | 20                 | 9          |
| 160-5330   | TS-33022RA | 830THB           | 0.6    | 0.41                                  | 55                                | 4      | 16     | 3                      | 20                 | 11         |
| 160-5333   | TS-33024RA | 830THB           | 0.6    | 0.26                                  | 89                                | 4      | 16     | 5                      | 20                 | 13         |
| 160-5336   | TS-33028RA | 830THB           | 0.5    | 0.10                                  | 128                               | 5      | 20     | 5                      | 20                 | 13         |
| 160-5339   | TS-33031RA | 830THB           | 0.6    | 0.26                                  | 88                                | 5      | 20     | 4                      | 20                 | 13         |
| 160-5342   | TS-33032RA | 830THB           | 0.6    | 0.21                                  | 109                               | 5      | 20     | 5                      | 20                 | 15         |
| 160-5345   | TS-33033RA | 830THB           | 0.8    | 1.44                                  | 33                                | 5      | 20     | 2                      | 20                 | 15         |
| 160-5348   | TS-33036RA | 830THB           | 0.8    | 0.65                                  | 80                                | 5      | 20     | 5                      | 20                 | 19         |
| 160-5351   | TS-33040RA | 830THB           | 0.6    | 0.18                                  | 128                               | 6      | 24     | 5                      | 10                 | 11         |
| 160-5726   | TS-33045RA | 830THB           | 1.0    | 2.91                                  | 32                                | 6      | 24     | 2                      | 10                 | 14         |
| 160-5727   | TS-33048RA | 830THB           | 1.0    | 1.32                                  | 78                                | 6      | 24     | 5                      | 10                 | 18         |
| 160-5728   | TS-33049RA | 830THB           | 0.7    | 0.63                                  | 51                                | 7      | 28     | 2                      | 10                 | 11         |
| 160-5729   | TS-33051RA | 830THB           | 0.7    | 0.35                                  | 98                                | 7      | 28     | 4                      | 10                 | 12         |
| 160-5730   | TS-33056RA | 830THB           | 0.9    | 0.77                                  | 97                                | 7      | 28     | 5                      | 10                 | 17         |
| 160-5731   | TS-33057RA | 830THB           | 1.2    | 5.17                                  | 30                                | 7      | 28     | 2                      | 10                 | 18         |
| 160-5732   | TS-33060RA | 830THB           | 1.2    | 2.34                                  | 72                                | 7      | 28     | 5                      | 10                 | 25         |
| 160-5733   | TS-33071RA | 830THB           | 1.2    | 2.55                                  | 65                                | 8      | 32     | 4                      | 10                 | 25         |
| 160-5734   | TS-33076RA | 830THB           | 0.9    | 0.61                                  | 122                               | 9      | 36     | 5                      | 5                  | 17         |
| 160-5735   | TS-33081RA | 830THB           | 1.4    | 7.53                                  | 32                                | 9      | 36     | 2                      | 5                  | 33         |
| 160-5736   | TS-33084RA | 830THB           | 1.4    | 3.42                                  | 78                                | 9      | 36     | 5                      | 5                  | 48         |
| 160-5737   | TS-33087RA | 830THB           | 1.0    | 1.02                                  | 98                                | 10     | 40     | 4                      | 5                  | 44         |
| 160-5738   | TS-33100RA | 830THB           | 1.2    | 1.45                                  | 115                               | 12     | 40     | 5                      | 2                  | 25         |
| 160-5739   | TS-33101RA | 830THB           | 1.6    | 9.80                                  | 35                                | 12     | 48     | 2                      | 2                  | 19         |
| 160-5740   | TS-33103RA | 830THB           | 1.6    | 5.44                                  | 68                                | 12     | 48     | 4                      | 2                  | 23         |
| 160-5741   | TS-33105RA | 830THB           | 1.8    | 15.49                                 | 32                                | 12     | 48     | 2                      | 2                  | 19         |
| 160-5742   | TS-33111RA | 830THB           | 1.4    | 2.81                                  | 93                                | 14     | 56     | 4                      | 2                  | 28         |
| 160-5743   | TS-33112RA | 830THB           | 1.4    | 2.30                                  | 115                               | 14     | 56     | 5                      | 2                  | 30         |
| 160-5744   | TS-33116RA | 830THB           | 1.8    | 6.14                                  | 87                                | 14     | 56     | 5                      | 2                  | 30         |
| 160-5745   | TS-33117RA | 830THB           | 2.0    | 20.36                                 | 33                                | 14     | 56     | 2                      | 2                  | 24         |
| 160-5749   | TS-33118RA | 830THB           | 2.0    | 14.53                                 | 48                                | 14     | 56     | 3                      | 2                  | 26         |

ข้อมูลจำเพาะ ●มุมของแขน: 135°

Order Unit: 1 Pack

| Order Code | Item No.   | Price (per pack) | d (mm) | Mechanical Spring Constant (N·mm/deg) | Allowable Displacement Amount (°) | D (mm) | L (mm) | Number of Rolls (roll) | Qty Per Pack (pcs) | Weight (g) |
|------------|------------|------------------|--------|---------------------------------------|-----------------------------------|--------|--------|------------------------|--------------------|------------|
| 160-5325   | TS-33001RB | 830THB           | 0.3    | 0.05                                  | 56                                | 3      | 12     | 2                      | 20                 | 9          |
| 160-5328   | TS-33010RB | 830THB           | 0.5    | 0.26                                  | 52                                | 3      | 12     | 3                      | 20                 | 9          |
| 160-5331   | TS-33022RB | 830THB           | 0.6    | 0.41                                  | 55                                | 4      | 16     | 3                      | 20                 | 11         |
| 160-5334   | TS-33024RB | 830THB           | 0.6    | 0.26                                  | 89                                | 4      | 16     | 5                      | 20                 | 13         |
| 160-5337   | TS-33028RB | 830THB           | 0.5    | 0.10                                  | 128                               | 5      | 20     | 5                      | 20                 | 13         |
| 160-5340   | TS-33031RB | 830THB           | 0.6    | 0.26                                  | 88                                | 5      | 20     | 4                      | 20                 | 13         |
| 160-5343   | TS-33032RB | 830THB           | 0.6    | 0.21                                  | 109                               | 5      | 20     | 5                      | 20                 | 15         |
| 160-5346   | TS-33033RB | 830THB           | 0.8    | 1.44                                  | 33                                | 5      | 20     | 2                      | 20                 | 15         |
| 160-5349   | TS-33036RB | 830THB           | 0.8    | 0.65                                  | 80                                | 5      | 20     | 5                      | 20                 | 19         |
| 160-5352   | TS-33040RB | 830THB           | 0.6    | 0.18                                  | 128                               | 6      | 24     | 5                      | 10                 | 11         |
| 160-5750   | TS-33045RB | 830THB           | 1.0    | 2.91                                  | 32                                | 6      | 24     | 2                      | 10                 | 14         |
| 160-5751   | TS-33048RB | 830THB           | 1.0    | 1.32                                  | 78                                | 6      | 24     | 5                      | 10                 | 18         |
| 160-5752   | TS-33049RB | 830THB           | 0.7    | 0.63                                  | 51                                | 7      | 28     | 2                      | 10                 | 11         |
| 160-5753   | TS-33051RB | 830THB           | 0.7    | 0.35                                  | 98                                | 7      | 28     | 4                      | 10                 | 12         |
| 160-5754   | TS-33056RB | 830THB           | 0.9    | 0.77                                  | 97                                | 7      | 28     | 5                      | 10                 | 17         |
| 160-5755   | TS-33057RB | 830THB           | 1.2    | 5.17                                  | 30                                | 7      | 28     | 2                      | 10                 | 18         |
| 160-5756   | TS-33060RB | 830THB           | 1.2    | 2.34                                  | 72                                | 7      | 28     | 5                      | 10                 | 25         |
| 160-5757   | TS-33071RB | 830THB           | 1.2    | 2.55                                  | 65                                | 8      | 32     | 4                      | 10                 | 25         |
| 160-5758   | TS-33076RB | 830THB           | 0.9    | 0.61                                  | 122                               | 9      | 36     | 5                      | 5                  | 17         |
| 160-5759   | TS-33081RB | 830THB           | 1.4    | 7.53                                  | 32                                | 9      | 36     | 2                      | 5                  | 33         |
| 160-5760   | TS-33084RB | 830THB           | 1.4    | 3.42                                  | 78                                | 9      | 36     | 5                      | 5                  | 48         |
| 160-5761   | TS-33087RB | 830THB           | 1.0    | 1.02                                  | 98                                | 10     | 40     | 4                      | 5                  | 44         |
| 160-5762   | TS-33100RB | 830THB           | 1.2    | 1.45                                  | 115                               | 12     | 40     | 5                      | 2                  | 25         |
| 160-5764   | TS-33101RB | 830THB           | 1.6    | 9.80                                  | 35                                | 12     | 48     | 2                      | 2                  | 19         |
| 160-5765   | TS-33103RB | 830THB           | 1.6    | 5.44                                  | 68                                | 12     | 48     | 4                      | 2                  | 23         |
| 160-5766   | TS-33105RB | 830THB           | 1.8    | 15.49                                 | 32                                | 12     | 48     | 2                      | 2                  | 19         |
| 160-5767   | TS-33111RB | 830THB           | 1.4    | 2.81                                  | 93                                | 14     | 56     | 4                      | 2                  | 28         |
| 160-5768   | TS-33112RB | 830THB           | 1.4    | 2.30                                  | 115                               | 14     | 56     | 5                      | 2                  | 30         |
| 160-5769   | TS-33116RB | 830THB           | 1.8    | 6.14                                  | 87                                | 14     | 56     | 5                      | 2                  | 30         |
| 160-5770   | TS-33117RB | 830THB           | 2.0    | 20.36                                 | 33                                | 14     | 56     | 2                      | 2                  | 24         |
| 160-5771   | TS-33118RB | 830THB           | 2.0    | 14.53                                 | 48                                | 14     | 56     | 3                      | 2                  | 26         |

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สินค้าบางรายการไม่สามารถนำเข้าได้

สินค้าบางรายการไม่สามารถใช้กับไฟฟ้ไทยได้

ราคาไม่รวมภาษีมูลค่าเพิ่ม