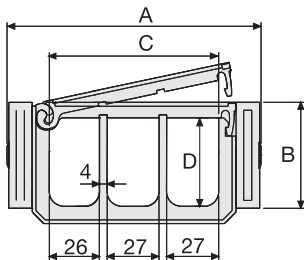# *Serie Robot*

# SR510TN-SR515TN
## Circular Nylon Cable Chain
## with opening frames

### Inner height (D) 46 mm

Double share Sideband & Frame
construction with large anti-friction
twin-pin.
Frames opening from inner radius.



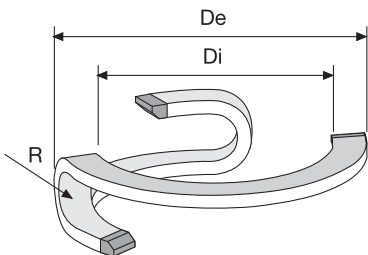| Pin SR510TN | |
|---|---|
| | Part.no PG511 |
| **Pin SR515TN** | |
| | Part.no PG515-B515 |

**❸**

### Technical characteristics

| Speed | 180°/s |
|---|---|
| Acceleration | 180°/s² |

*For higher requirements please consult our technical dept.*

| A | B | C | D | R | Weight/pitch | Chain |
|---|---|---|---|---|---|---|
| mm | mm | mm | mm | mm | kg | Part Number |
| 132 | 55 | 88 | 46 | 125 | 0,200 | **SR510TN** |
| 132 | 55 | 88 | 46 | 175 | 0,200 | **SR515TN** |



| Chain Part Number | R mm | Di mm | De mm |
|---|---|---|---|
| SR510TN | 125 | 940 | 1220 |
| SR515TN | 175 | 1060 | 1340 |

### Length of Chain

| Chain Part Numbers | Degrees of Rotation | No of Pitches |
|---|---|---|
| SR510TN | 90 | 13 |
| SR510TN | 180 | 17 |
| SR510TN | 270 | 22 |
| SR510TN | 360 | 27 |
| SR515TN | 90 | 13 |
| SR515TN | 180 | 23 |
| SR515TN | 270 | 29 |
| SR515TN | 360 | 35 |
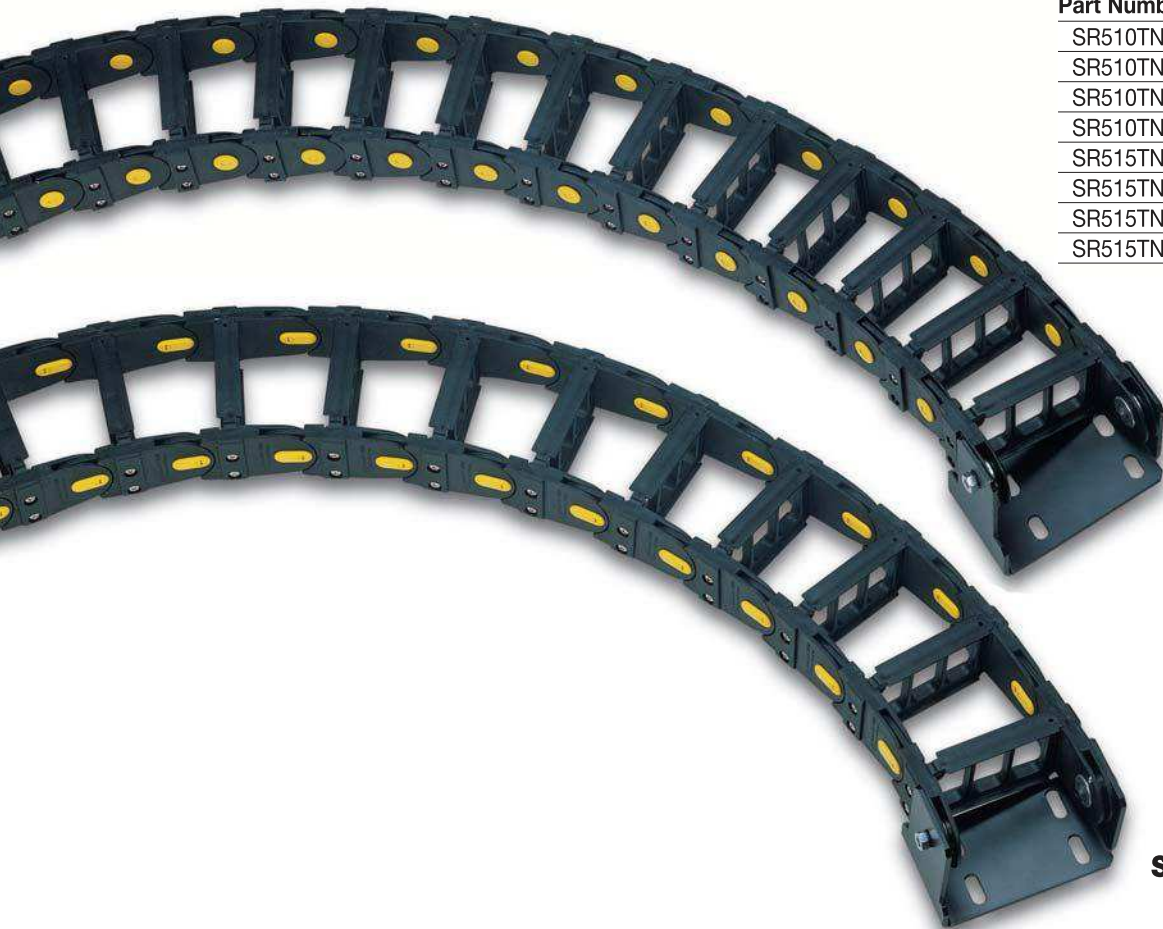


**SR515TN**

**SR510TN**

## Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)
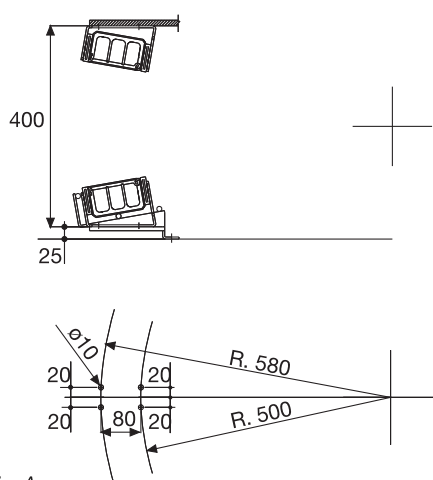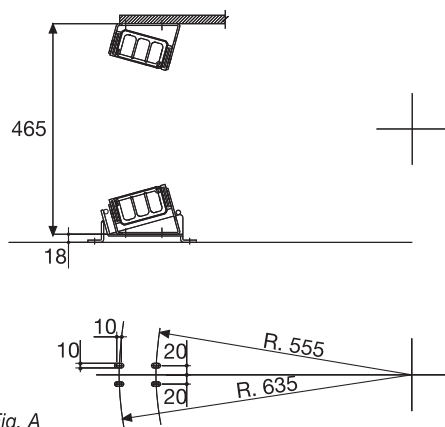
## Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.
For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)
For particular applications it is possible to create support guides with attachment plates and special dimensions.
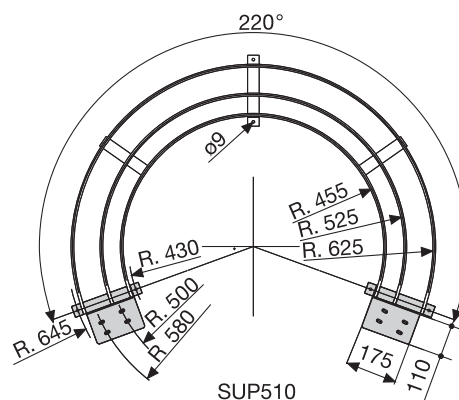
### SR510TN



400
25
⌀10
20  20
20  80  20
R. 580
R. 500

*Fig. A*



220°
⌀9
R. 455
R. 525
R. 625
R. 430
R. 645
R. 500
R. 580
175
110
SUP510

*Fig. B*

### SR515TN



465
18
10
10
20
20
R. 555
R. 635

*Fig. A*



220°
⌀9
R. 680
R. 585
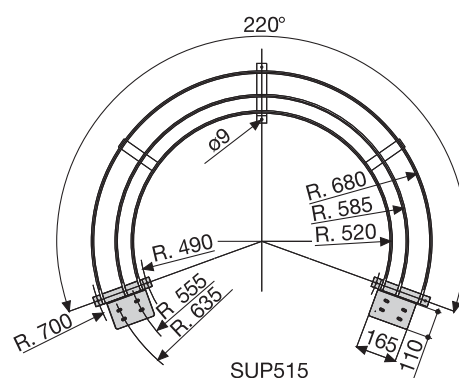R. 520
R. 490
R. 700
R. 555
R. 635
165
110
SUP515

*Fig. B*

For applications with rotations exceeding 200° it is necessary to use the appropriate accessories for supporting the cable chain. (see page 28).

### Steel End Brackets Part Numbers

**Complete Set Assembled**

| Chain Type | End Brackets Set |
|---|---|
| SR510TN | **A510TNKM** |
| SR515TN | **A515TNKM** |

**Complete Set Unassembled**

| Chain Type | End Brackets Set |
|---|---|
| SR510TN | **A510TNK** |
| SR515TN | **A515TNK** |