

Section 6.

Clamping Plates

The ends of timing belts, used to change the rotary motion of pulley into rectilinear alternative motion on boards or other devices, require to be anchored either to mobile parts, (picture 1), or to fixed ones, (picture 2) of the items to be moved.

Care should be taken while fixing so as to avoid any damage or weakening of the attachment point of the belt.

The purpose of these plates is to permit correct anchoring of belts.

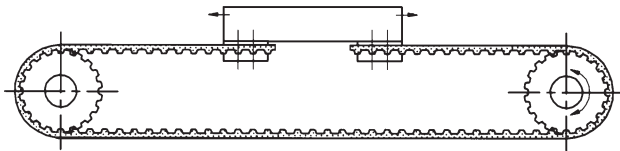


fig. 1

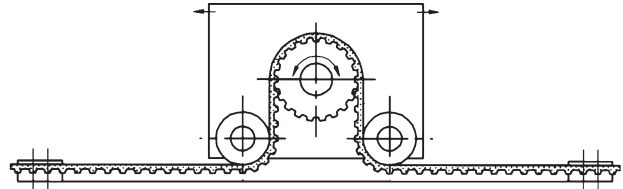
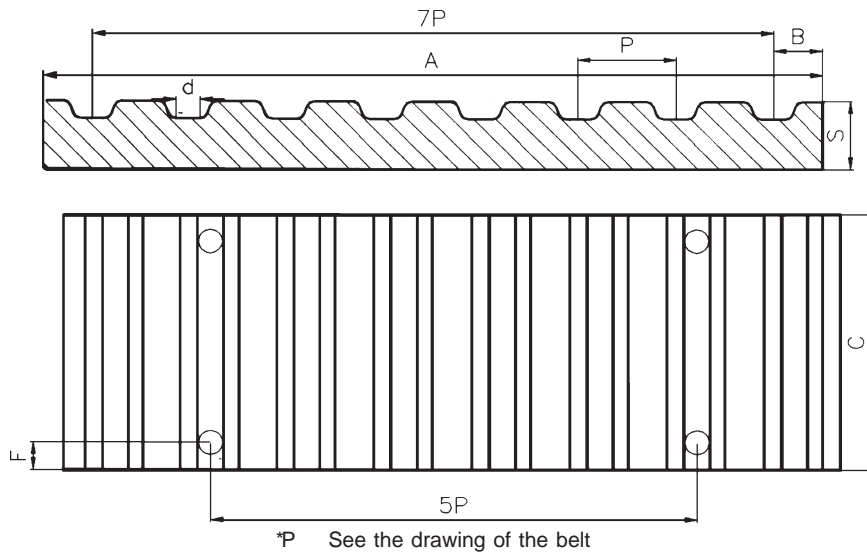


fig. 2



| FIXING PLATES FOR INCH PITCH BELTS (mm) | | | | | | | | | | | | | | |
|---|----|-----|-----|-------|----|-------------------|------|-----|-----|------|-----|-----|-----|-----|
| Type | F | d | B | A | S | Belt Width (inch) | | | | | | | | |
| | | | | | | 025 | 037 | 050 | 075 | 100 | 150 | 200 | 300 | 400 |
| XL | 6 | 5.5 | 3.5 | 42.5 | 8 | 25.5 | 28.5 | 32 | 38 | 45 | | | | |
| L | 8 | 9 | 5 | 76.6 | 15 | | 36 | 39 | 45 | 51.5 | 64 | 77 | | |
| H | 10 | 11 | 9 | 106.9 | 22 | | | 45 | 51 | 57.5 | 70 | 83 | 108 | 134 |

| FIXING PLATES FOR METRIC PITCH BELTS (mm) | | | | | | | | | | | | | | |
|---|----|-----|-----|------|----|-----------------|----|----|----|----|----|-----|-----|--|
| Type | F | d | B | A | S | Belt Width (mm) | | | | | | | | |
| | | | | | | 6 | 10 | 16 | 25 | 32 | 50 | 75 | 100 | |
| T5-AT5 | 6 | 5.5 | 3.5 | 41.8 | 8 | 25 | 29 | 35 | 44 | 51 | 71 | | | |
| T10-AT10 | 8 | 9 | 5 | 80 | 15 | | | 41 | 50 | 57 | 75 | 100 | 125 | |
| T20-AT20 | 10 | 11 | 10 | 160 | 20 | | | | 56 | 65 | 81 | 106 | 132 | |

| FIXING PLATES FOR MTD BELTS (mm) | | | | | | | | | | | | | | | |
|----------------------------------|----|-----|-----|------|----|-----------------|----|----|----|----|----|----|-----|-----|-----|
| Type | F | d | B | A | S | Belt Width (mm) | | | | | | | | | |
| | | | | | | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 55 | 85 | 100 |
| 5M | 6 | 5.5 | 3.2 | 41.8 | 8 | 28 | 34 | | 44 | | 61 | | | | |
| 8M | 8 | 9 | 5 | 66 | 15 | 35 | 40 | 45 | | 55 | | 75 | 110 | 125 | |
| 14M | 10 | 11 | 9 | 116 | 22 | | | | 56 | | 71 | | 86 | 116 | 132 |

Clamping Plates

| SIZE | LIST PRICE | SIZE | LIST PRICE |
|--------------|------------|-------------|------------|
| CP-10T5 | 28.10 | CP-5M10 | 26.53 |
| CP-16T5 | 29.46 | CP-5M15 | 26.96 |
| CP-25T5 | 30.89 | CP-5M25 | 27.46 |
| CP-1000T5* | 68.32 | CP-5M1000* | 99.89 |
| CP-16T10 | 38.61 | CP-8M20 | 39.11 |
| CP-25T10 | 44.33 | CP-8M30 | 40.47 |
| CP-32T10 | 46.40 | CP-8M50 | 45.05 |
| CP-50T10 | 50.98 | CP-8M85 | 69.28 |
| CP-1000T10* | 209.37 | CP-8M1000* | 172.84 |
| CP-10AT5 | 34.75 | CP-14M40 | 96.74 |
| CP-16AT5 | 35.18 | CP-14M55 | 104.10 |
| CP-25AT5 | 35.68 | CP-14M85 | 118.69 |
| CP-1000AT5* | 84.53 | CP-14M115 | 132.93 |
| CP-16AT10 | 48.91 | CP-14M170 | 159.45 |
| CP-25AT10 | 54.41 | CP-14M1000* | 259.47 |
| CP-32AT10 | 57.41 | | |
| CP-50AT10 | 62.92 | | |
| CP-1000AT10* | 259.47 | | |
| CP-XL025 | 27.17 | | |
| CP-XL037 | 28.10 | | |
| CP-XL1000* | 71.26 | | |
| CP-L050 | 36.11 | | |
| CP-L075 | 40.47 | | |
| CP-L100 | 45.05 | | |
| CP-L1000* | 198.11 | | |
| CP-H050 | 43.47 | | |
| CP-H075 | 45.76 | | |
| CP-H100 | 48.69 | | |
| CP-H150 | 74.84 | | |
| CP-H200 | 99.79 | | |
| CP-H1000* | 412.11 | | |

* Clamping plate bar stock 1000mm wide