

Timing Belt Clamping Plates and Timing Bars



Timing Belt Clamping Plates

For the simple retention of open ended timing belts used on conveying or reciprocating drives, a standard range of clamping plates is available for all the heavier pitch belts. Manufactured in aluminium, these clamping plates provide accurate location of the belts.

Clamping Plates for HTD Belts

| Belt Pitch Size | F | d | B | A | S | L (Belt Width Code) | | | | | | | | |
|-----------------|----|----|---|-----|----|---------------------|----|----|----|----|-----|-----|-----|--|
| | | | | | | 20 | 30 | 40 | 50 | 55 | 85 | 115 | 170 | |
| 8M | 8 | 9 | 5 | 66 | 15 | 45 | 55 | | 75 | | 110 | | | |
| 14M | 10 | 11 | 9 | 116 | 22 | | | 71 | | 86 | 116 | 146 | 201 | |

Clamping Plates for Classical Series Belts

| Belt Pitch Size | F | d | B | A | S | L (Belt Width Code) | | | | |
|-----------------|----|-----|-----|-------|----|---------------------|------|-----|-----|------|
| | | | | | | 025 | 037 | 050 | 075 | 100 |
| XL | 6 | 5.5 | 3.5 | 42.5 | 8 | 25.5 | 28.5 | | | |
| L | 8 | 9 | 5 | 76.6 | 15 | | | 39 | 45 | 51.5 |
| H | 10 | 11 | 9 | 106.9 | 22 | | | 45 | 51 | 57.5 |

Clamping Plates for 'T' Series Belts

| Belt Pitch Size | F | d | B | A | S | L (Belt Width Code) | | | | |
|-----------------|---|-----|-----|------|----|---------------------|----|----|----|----|
| | | | | | | 10 | 16 | 25 | 32 | 50 |
| T5 | 6 | 5.5 | 3.2 | 41.8 | 8 | 29 | 35 | 44 | | |
| T10 | 8 | 9 | 5 | 80 | 15 | | 41 | 50 | 57 | 75 |

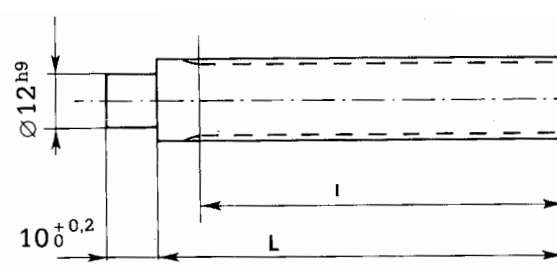
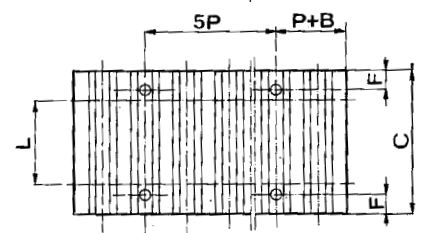
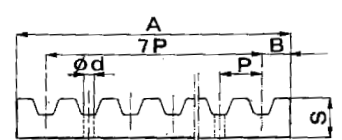
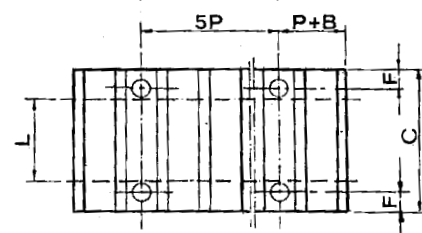
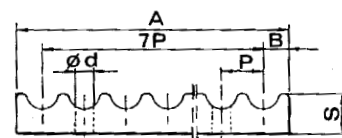
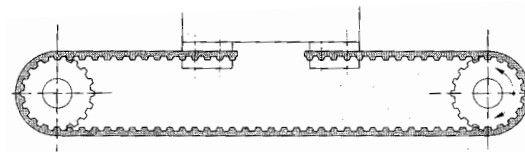
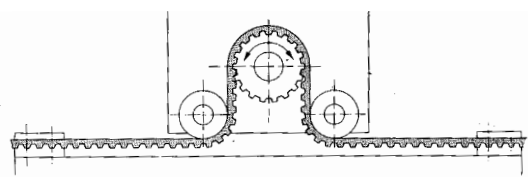
Clamping Plates for 'AT' Series Belts

| Belt Pitch Size | F | d | B | A | S | L (Belt Width Code) | | | | |
|-----------------|---|-----|-----|------|----|---------------------|----|----|----|----|
| | | | | | | 10 | 16 | 25 | 32 | 50 |
| AT5 | 6 | 5.5 | 3.2 | 41.8 | 8 | 29 | 35 | 44 | | |
| AT10 | 8 | 9 | 5 | 80 | 15 | | 41 | 50 | 57 | 75 |

Timing Bars

For extra wide belt drives and to manufacture special pulleys. Available in tooth sizes indicated in following table of standard bar sizes.

| No. Teeth | Belt Type | | | | | No. Teeth | Belt Type | | | | |
|-----------|-----------|---|------|----|-----|-----------|-----------|---|------|----|-----|
| | XL | L | T2.5 | T5 | T10 | | XL | L | T2.5 | T5 | T10 |
| 10 | c | e | a | c | e | 34 | f | - | c | f | f |
| 11 | c | e | - | c | e | 35 | f | - | d | f | f |
| 12 | c | f | a | c | e | 36 | f | - | d | f | f |
| 13 | c | f | a | c | e | 37 | - | - | - | f | - |
| 14 | d | f | a | e | f | 38 | f | - | e | f | f |
| 15 | d | f | a | e | f | 39 | f | - | - | - | - |
| 16 | e | f | a | e | f | 40 | f | - | e | f | f |
| 17 | e | f | a | e | f | 41 | f | - | - | - | - |
| 18 | e | f | a | e | f | 42 | f | - | e | f | - |
| 19 | e | f | b | e | f | 43 | f | - | - | - | - |
| 20 | e | f | b | f | f | 44 | f | - | e | f | - |
| 21 | f | f | b | f | f | 45 | - | - | e | f | f |
| 22 | f | f | c | f | f | 46 | - | - | - | f | - |
| 23 | f | f | - | f | f | 48 | f | - | e | f | f |
| 24 | f | f | c | f | f | 50 | - | - | f | f | - |
| 25 | f | - | - | f | - | 56 | f | - | - | - | - |
| 26 | f | - | c | f | f | 60 | f | - | f | f | f |
| 27 | f | f | c | f | f | 65 | - | - | f | - | - |
| 28 | f | - | c | f | f | 70 | - | - | f | - | - |
| 29 | f | - | c | f | f | 72 | f | - | f | f | f |
| 30 | f | f | c | f | f | 80 | - | - | - | f | - |
| 32 | f | - | c | f | f | 90 | - | - | f | f | - |
| 33 | f | - | - | - | - | 100 | - | - | f | f | - |



| Bar Size | I | L |
|----------|-----|-----|
| a | 50 | 75 |
| b | 90 | 120 |
| c | 125 | 140 |
| d | 132 | 140 |
| e | 140 | 140 |
| f | 160 | 160 |

All sizes indicated available in aluminium. XL and L sizes also available in steel.

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