

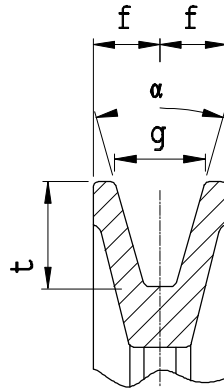
DRIVE PULLEYS FOR VOLTA V. BELTS

STANDARD V. PULLEYS FOR V. BELTS

| ISO and BS 1440 designation | Section | | | | | | | | | | |
|------------------------------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------|
| | Y | - | Z | A | B | - | C | - | D | E | |
| DIN 2215 designation | 6 | 8 | 10 | 13 | 17 | 20 | 22 | 25 | 32 | 40 | |
| g = | 6.3 | 8 | 9.7 | 12.7 | 16.3 | 20 | 22 | 25 | 32 | 40 | |
| For pitch diameters | 7 ⁺ | 9 ⁺ | 11 ^{0,6} ₀ | 14 ^{0,6} ₀ | 18 ^{0,6} ₀ | 22 ^{0,6} ₀ | 25 ^{0,6} ₀ | 28 ^{0,6} ₀ | 33 ^{0,6} ₀ | 40 ^{0,6} ₀ | |
| f | 6±0.5 | 7±0.6 | 8±0.6 | 10±0.6 | 12.5±0.8 | 15±0.8 | 17±1 | 19±1 | 24±2 | 29±2 | |
| α | 32° | < 63 | ≤ 75 | - | - | - | - | - | - | - | |
| | 34° | - | - | < 80 | < 118 | < 190 | ≤ 250 | < 315 | ≤ 355 | - | |
| | 36° | ≥ 63 | > 75 | - | - | - | - | - | < 500 | ≤ 630 | |
| | 38° | - | - | ≥ 80 | ≥ 118 | ≥ 190 | > 250 | ≥ 315 | > 355 | > 500 | > 630 |
| Groove angle tolerance for α | ± 30' | ± 1° | ± 30' | ± 30' | ± 30' | ± 1° | ± 30' | ± 30' | ± 30' | ± 30' | |

0.6
0

0.6
0



DRIVE PULLEYS FOR VOLTA ROUND BELTS

V. PULLEYS FOR VOLTA ROUND BELTS

| | | | | | |
|-----|-----|-----------|------------|--------------|-----------|
| FOR | Ø 5 | Ø 6.3 - 9 | Ø 9.5 - 12 | Ø 12.5. - 15 | Ø 18 - 20 |
| USE | Y | Z | A | B | C |

ROUND GROOVED DRIVEPULLEY DIMENSIONS

FOR VOLTA ROUND BELTS

| | | | | | | | | | | | | | |
|---------|-----|-----|-----|----|-----|-----|-----|------|-----|----|----|----|----|
| d | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 15 | 18 | 20 |
| b1 (mm) | 4,5 | 5,5 | 7 | 8 | 10 | 11 | 12 | 14,5 | 15 | 18 | 23 | 27 | 30 |
| b2 (mm) | 6,5 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 19 | 22 | 27 | 32 | 36 |
| r (mm) | 1,4 | 1,9 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 7 | 8 | 10 | 11 |
| H (mm) | 2,5 | 3 | 3,5 | 4 | 5 | 5,5 | 6 | 7 | 7,5 | 9 | 12 | 15 | 15 |

