Non-Backlash Timing Pulleys S8M Type

**Features:**
- Timing pulleys with backlash significantly reduced in comparison with the conventional pulleys.
- Special timing belts are not required.
- Timing Belts BLPP, BLPM, BLPK
- For Shaft Bore Specifications H (Round Hole), V and F (Stepped Hole) and Y (Both Sides Stepped Hole), no tapped hole is machined.

**Type Teeth:**
- Q(R)-d≥2 for shaft bore specification Y.

**Tooth groove dimensions slightly change:**
- Non-Backlash Timing Pulleys S8M Type
- H
  - d
  - H7
  - 44 20~80 20~80 20~65 20~65 20~50 20~50 20~80 20~80 22~92 22~86 20~75 22~92
  - 34 16~67 16~66 16~60 16~56 16~50 16~48 16~65 16~64 18~67 18~66 16~65 18~67
  - 20 12~32 12~32 12~30 12~26 12~30 12~22 12~30 12~30 14~32 14~32 12~30 14~32

**Part Number - Pulley Shape -**
- BLPP_ _S8M150
- BLPM_ _S8M250
- BLPN_ _S8M300
- BLPA_ _S8M400
- BLPT_ _S8M150
- BLPT_ _S8M250
- BLPT_ _S8M300
- BLPT_ _S8M400

**Part Number:**
- (L: 69)
- (L: 58)
- (L: 53)
- (L: 42)

**B**
- 171.10 220.80 215.10 270.10 270.20 339.00 274.20 343.30 118.90 140.90 145.20 171.80 171.40 202.60 184.50 218.00 30.60 50.90 69.50
- 130.80 166.80 163.60 203.80 205.60 255.90 208.40 259.10 93.50 110.70 114.10 134.90 134.70 159.10 145.00 171.30 24.00 40.10 55.40 50
- 36 34
- 73.90 91.20 91.90 112.00 115.50 140.60 117.00 142.60 54.40 64.20 66.10 78.30 78.00 92.40 84.00 99.30 13.90 23.30 33.60
- 61.00 75.00 75.90 91.70 89.10 115.20 96.30 116.70 45.90 54.50 56.20 66.30 66.30 78.20 71.10 84.10 10.60 17.60 26.20
- 49.30 60.20 61.00 73.60 76.70 92.40 77.50 93.40 38.30 45.20 46.50 55.10 54.90 65.00 59.10 69.80 9.80 16.40 24.60
- 20

**Price**
- • Reduced Delivery Time
- • BLPA / BLPT / BLPP / BLPP
- • BLPP / BLPN

**Volume Discount**
- € Unit Price
- 5% 10% 18%

**Order Example**
- (Shelf Bore : Y) Part Number : BLPA245B0M100
- (Shelf Bore : Y) Part Number : BLPA245B0M200

**Part Number - Pulley Shape - Shaft Bore Spec. - Flange - Z - J - Q - R - S - T**

**Fixed**
- M
- M
- M
- M

**Set Screw**
- M5 M4 / M6
- M4 M5

**Flange included on the hub**
- Same on A Shape

**Flange circumference**
- Changes the tapped hole dimension.

**Spec.**
- Code
- KSC KFC KTC
- Code
- KSC KFC KTC
- Code
- KSC KFC KTC

**Price Adder**
- Free of Charge
- 1.50 Free of Charge
- 3.00 Free of Charge

**Features of Non-backlash Pulleys (S8M)**
- When a backlash is less than a specified value, please request a special type.
- When a backslash is less than a specified value, please request a special type.
- Reference: Comparison of deviation angles between non-backlash pulleys and standard pulleys

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