

BREEZE CONSTANT-TORQUE STANDARD



- ① Custom designed stainless steel Belleville washer springs
- ② Inner liner which protects all types of hoses from damage

Constant tension clamp

This Breeze Constant Torque Standard (HKFK) is a breakthrough in clamping technology. A Belleville spring mechanism permits the constant torque clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures. The unique design eliminates “cold flow” leaks.

The Standard version is based on the Breeze Aero and comes with 8 Belleville washer springs for the smaller sizes and 10 washers for bigger sizes for an increased performance in demanding applications.

Advantages at a glance

- Increased sealing reliability across a wide temperature range
- Automatic re-tensioning during temperature changes
- High performance
- Inner liner helps to maintain consistent sealing pressure

Materials



*Classified by corrosion resistance. Band material S40/Screw material S10. According to DIN norms it would be comparable to W2.

Typical applications

- Commercial vehicle
- Passenger vehicle
- Industrial
- Infrastructure

Specifications

| BREEZE CONSTANT TORQUE STANDARD | | | | | | |
|---------------------------------|---------------------------|----------------------------|---|------------------------------------|---|---------------|
| Width (B mm) | Clamping ranges (D mm) | Clamping ranges (D in.) | Belleville springs (Qty. of washers) | S10 Product No. Carbon screw | S40 Product No. 304 Stainless screw | |
| 14,3 | 12-22 | 1/2-7/8 | 8 | 0362 6105 017 | 0362 6101 017 | |
| | 16-27 | 5/8-1 1/16 | | 0362 6105 022 | 0362 6101 022 | |
| | 20-32 | 3/4-1 1/4 | | 0362 6105 026 | 0362 6101 026 | |
| | 25-40 | 1-1 9/16 | | 0362 6105 033 | 0362 6101 033 | |
| | 30-45 | 1 3/16-1 3/4 | | 0362 6105 038 | 0362 6101 038 | |
| | 35-50 | 1 3/8-2 | | 0362 6105 043 | 0362 6101 043 | |
| | 40-60 | 1 9/16-2 3/8 | | 0362 6105 050 | 0362 6101 050 | |
| | 50-70 | 2-2 3/4 | | 0362 6105 060 | 0362 6101 060 | |
| | 60-80 | 2 3/8-3 1/8 | | 0362 6105 070 | 0362 6101 070 | |
| | 70-90 | 2 3/4-3 9/16 | | 0362 6105 080 | 0362 6101 080 | |
| | 80-100 | 3 1/8-4 | | 10 | | 0362 6102 090 |
| | 90-110 | 3 1/2-4 3/8 | | | | 0362 6102 100 |
| | 100-120 | 4-4 3/4 | | | | 0362 6102 110 |
| | 110-130 | 4 3/8-5 1/8 | | | | 0362 6102 120 |
| 120-140 | 4 3/4-5 1/2 | | 0362 6102 130 | | | |
| 130-150 | 5 1/8-5 7/8 | | 0362 6102 140 | | | |
| 140-160 | 5 1/2-6 1/4 | | | 0362 6102 150 | | |

Dimensions

