

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

