

This coupling consists of two separate halves and must be supported by the customer!

Dimensions

- $\varnothing A$ = Outer diameter
- $\varnothing D1$ H7 = Bore diameter
- $\varnothing D2$ H7 = Bore diameter
- C** = Max. shaft insertion length
- L** = Minimum coupling length
(will vary with adjustment range V)



Dimensions

Size	L ±1	Ø A	Standard Ø D1; D2	Ø D1	Ø D2	C
	Inch	Inch	Inch	Inch	Inch	Inch
100 a	2.953	3.701	0.787	0.787-0.984	0.787-0.984	1.220
100 b	4.528	3.701	0.787	0.787-0.984	0.787-0.984	1.220
200 a	2.953	5.079	1.181	0.787-1.575	0.787-1.575	1.220
200 b	4.528	5.079	1.181	0.787-1.575	0.787-1.575	1.220
500 a	2.953	7.441	1.378	0.787-1.575	0.787-1.575	1.220
500 b	4.528	7.441	1.378	0.787-1.575	0.787-1.575	1.220

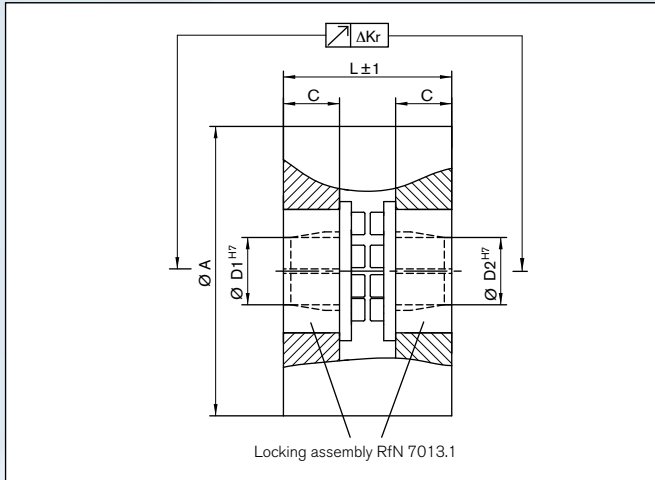
Other dimensions on request

Ordering Example: MK/SV 200b

Series	Size	Version	Further details*
MK/SV	200	b	XX

* e.g. stainless, modified torque

Series MK/SV



Sectional view

Technical Data

- M** = Torque linearly adjustable by using rotor insertion depth; specified torque $\pm 5\%$ tolerance
- n_{max}** = Max. mechanical rotating speed
- T** = Operation temperature
- ΔKr** = Max. approved radial misalignment
- J** = Moment of inertia
- MA** = Tightening torque of clamping screws
- V** = Adjustment range

Technical Data

Size	V	T	Δ Kr	M _{max}	MA	n _{max}	J _{outer}	J _{inner}	Weight
	Inch	°F	Inch	lb-in	lb-in	rpm	lb-in ²	lb-in ²	lbs
100 a	1.575	32-140	0.016	443	159	6000	9.2	3.4	6.8
100 b	3.150		0.016	885	159	6000	12.6	5.5	8.8
200 a	1.575		0.016	885	159	4000	31.1	14.0	13
200 b	3.150		0.016	1770	159	4000	41.7	21.2	16
500 a	1.575		0.016	2213	159	3000	127.1	72.8	26
500 b	3.150		0.016	4425	159	3000	161.6	101.5	32

Range of applications

- As safety clutch in extrusion plants, shredders, or similar



Weitere technische Hinweise befinden sich im jeweiligen Katalog.

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Check out the respective catalogue for further technical details

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