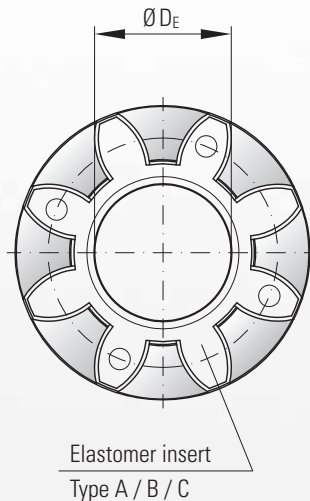
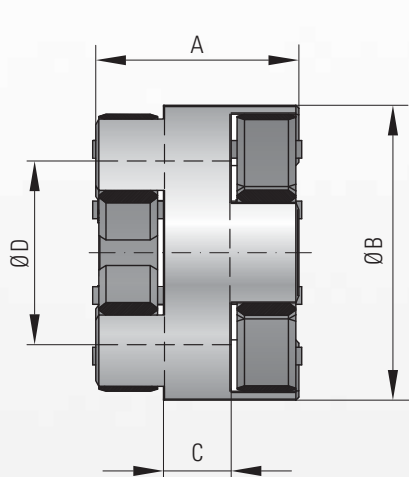


optional
stainless
steel

MODEL EKZ

BACKLASH FREE ELASTOMER COUPLINGS



Intermediate Spacer

Properties:

- high misalignment compensation
- easy assembly
- vibration damping
- electrically isolating
- backlash free
- press fit design

Material:

Intermediate spacer: high strength aluminum
Elastomer insert: precision molded, wear resistant, and thermally stable polymer

Design:

A concentrically machined curved jaw intermediate spacer

Speeds:

See table

Optional:

Can be used with any of the R+W elastomer couplings; custom spacer lengths available upon request

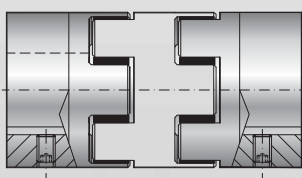
Delivery:

Intermediate spacer and 2 elastomer inserts

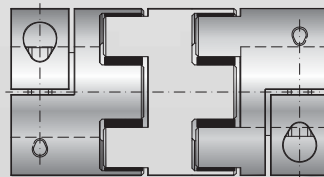
Model EKZ	Series																										
	2			5			10			20			60			150			300			450			800		
Type (Elastomer insert)	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Rated torque (Nm) T_{KN}	2	2.4	0.5	9	12	2	12.5	16	4	17	21	6	60	75	20	160	200	42	325	405	84	530	660	95	950	1100	240
Max. torque (Nm) T_{Kmax}	4	4.8	1	18	24	4	25	32	6	34	42	12	120	150	35	320	400	85	650	810	170	1060	1350	190	1900	2150	400
Overall length (mm)	A			26			30			39			48			53			62			86			81		
Outside diameter (mm)	B			25			32			42			56			66.5			82			102			136.5		
Body length (mm)	C			9			9			10			16			18			20			40			25		
Inside diameter (mm)	D			15			18			25			32			38			45			60			80		
Inside diameter of elastomer (mm) D_E	6.2			10.2			14.2			19.2			26.2			29.2			36.2			46.2			60.5		
Moment of inertia (10^{-3} kgm ²) J_1/J_2	0.0001			0.0005			0.002			0.008			0.03			0.05			0.1			0.6			1.1		
Approx. weight (kg)	0.007			0.02			0.04			0.09			0.21			0.33			0.58			1.38			2.09		
Speed standard (min ⁻¹)	15,000			15,000			13,000			12,500			11,000			10,000			9,000			8,000			4,000		

Information about static and dynamic torsional stiffness as well as max. possible misalignment see page 5

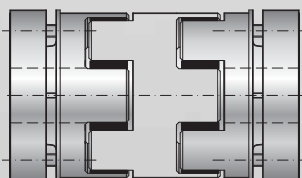
Application Examples



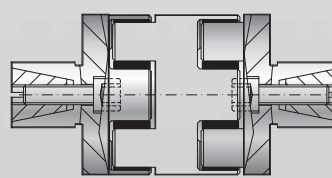
EK1



EK2



EK6



EK7

Ordering example

EKZ / 60 / A / XX

Model

Series

Type Elastomer insert

Non standard e.g. finely balanced, G=6,3

All data is subject to change without notice.