

Flexible Couplings EK

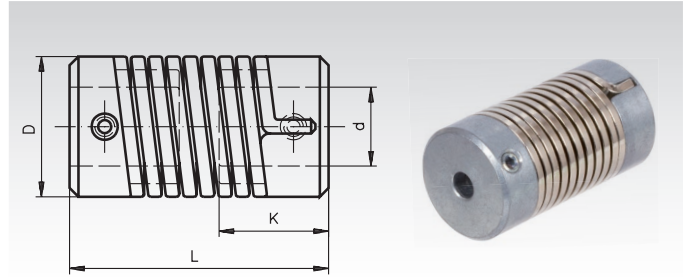
Material: Hubs made from zinc die-cast, Spring: Spring steel type C zinc-plated.

These couplings are elastic all-metal couplings, with hubs and spring bodies made from rustproof metal. The couplings only have a one-layer spring body. They are, however, flexible in all directions, suitable for both rotational directions and maintenance-free. They are locked against rotation with Allen set screws.

Temperature range from -40°C to +120°C.

Couplings are available pre-drilled ex stock.

Customized bores and feather-key grooves available at extra charge.



Ordering Details: e.g.: Product No. 602 000 00, Clutch EK, Pre-bored

Product No.	Nominal Torque Nm	Bores d		Bending max. Degree	D mm	K mm	L mm	Speed max. min ⁻¹	Weight	
		Pilot Bore mm	max. mm						kg	kg
602 000 00	0,15	2	6	5°	12	9	25	8000	0,014	0,10
602 001 00	0,5	3	8	5°	16	12,5	35	3000	0,028	0,10
602 002 00	1,5	6	14	5°	26	17	50	3000	0,100	0,10

Flexible Couplings EL

Material: Hubs 11 SMn Pb 37, from Ø 55 mm CK45.

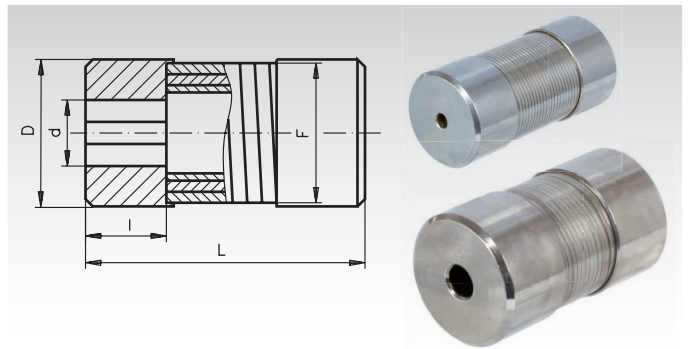
Spring: Spring steel type C.

Stainless version: Hub 1.4305.

Spring: Spring steel 1.4310.



These couplings are elastic all-metal couplings and completely maintenance free. The all-metal design leads to a strong resistance against oil and higher temperatures: -40°C to +100°C. Stainless version: -40°C to +300°C. The elastic part consists of a spring body, made up of three layers of wound springs welded into the connecting hubs. The couplings are suitable for both rotating directions. They can be locked against rotation with a feather key or with pins. The couplings are press-fitted. Demounting is done by pressing or pulling off. Vibrations and shocks are largely absorbed. Depending on the length of the coupling - S, L or Db - bending of 3 - 6° or axial displacement of 3 - 6% of the nominal shaft diameter are possible.

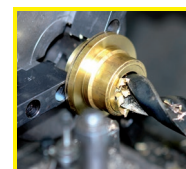


Couplings are available pre-drilled ex stock.

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Ordering Details: e.g.: Product No. 602 016 00, Clutch EL, Pre-bored

Product No.	Product No.	Product No.	Product No.	Nomin. Torque Nm	Bores d			Length L			D mm	F mm	I mm	Speed max. min ⁻¹	Weight		
					Pre-bored mm	for pin mm	for slot mm	S= short mm	L= long mm	Db= double mm					short kg	long kg	double kg
602 016 00	602 990 16	602 017 00	602 018 00	2,5	2,5	10	6	25	30	35	17	15,5	8	20000	0,032	0,036	0,039
602 005 00	602 990 05	602 006 00	602 007 00	5	3,5	12	8	35	45	50	21	19	10	15000	0,065	0,075	0,08
602 010 00	602 990 10	602 011 00	602 012 00	10	5,5	15	12	50	60	70	26	24	15	12000	0,13	0,15	0,17
602 013 00	602 990 13	602 014 00	602 015 00	10	5,5	19	14	50	60	70	30	28	15	10000	0,17	0,19	0,21
602 020 00	602 990 20	602 021 00	602 022 00	20	5,5	20	16	65	80	90	35	32	20	9000	0,31	0,36	0,39
602 023 00	602 990 23	602 024 00	602 025 00	20	5,5	25	19	65	80	90	38	36	20	8000	0,35	0,40	0,43
602 040 00	602 990 40	602 041 00	602 042 00	40	5,5	27	20	80	95	110	45	40	25	7000	0,65	0,71	0,79
602 043 00	602 990 43	602 044 00	602 045 00	40	5,5	31	24	80	95	110	48	45	25	7000	0,69	0,77	0,85
602 090 00	602 990 90	602 091 00	602 092 00	90	5,5	34	25	100	120	140	55	50	31	6000	1,19	1,34	1,50
602 110 00	602 991 10	602 111 00	602 112 00	90	5,5	35	28	100	120	140	55	52	31	6000	1,14	1,29	1,46
602 150 00	-	602 151 00	602 152 00	150	5,5	40	30	125	150	175	65	60	37	5000	2,07	2,35	2,65
602 220 00	-	602 221 00	602 222 00	220	5,5	45	35	150	180	210	75	70	44	4500	3,35	3,87	4,35
602 300 00	-	602 301 00	602 302 00	300	21	50	40	170	200	240	80	75	50	3000	4,16	4,69	5,39
602 500 00	-	602 501 00	602 502 00	500	24	64	50	210	250	300	100	95	62	1500	8,08	9,18	10,65



**Reworking within
24h-service possible.
Custom made parts
on request.**