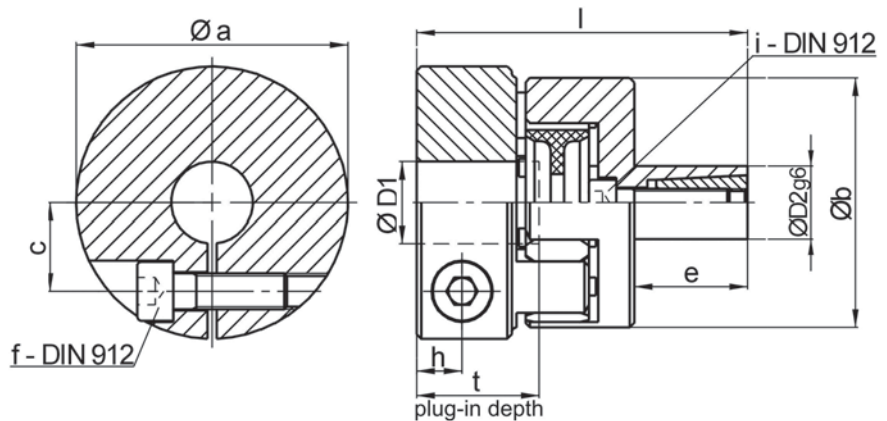
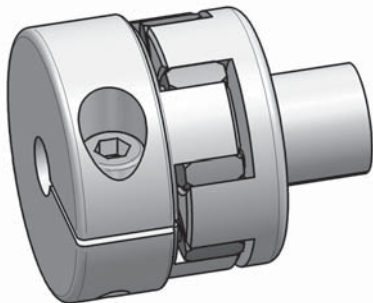


Elastomer coupling I Series EKS

- ✓ plug in, backlash free, oscillation dampening
- ✓ expandin cone hub - radial clamping hub
- ✓ short design for hollow - shaft - assembly

Technical data:

EKS Size	T _N [Nm]	moment of inertia [10 ⁻³ kgm ²]	torsional stiffness (stat. at 0,5xT _N) [Nm/arcmin]	max. shaft displacement (mm)		radial spring rate [N/mm]	mass approx. [kg]	tightening torque of screws [Nm]	
				axial ±	lateral			"i"	"f"
8	8	0,01	0,04	0,5	0,1	600	0,1	4	4
15	15	0,03	0,23	0,5	0,1	2100	0,2	8	8
60	60	0,16	0,60	0,5	0,1	2600	0,4	14	35
150	150	0,38	1,00	1	0,1	3300	0,7	35	67
300	300	0,94	2,00	1	0,12	4500	1,1	67	115
500	500	2,60	5,80	1	0,15	5900	2,1	115	115
700	700	5,10	8,00	1	0,15	7000	3,0	115	185



Material:

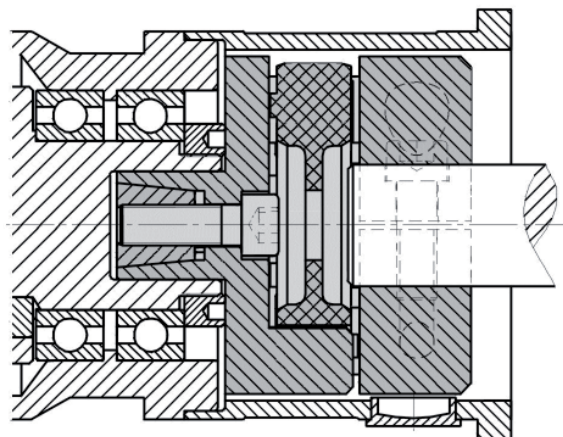
- hub: high tensile strength aluminium
- expanding cone hub: heat treated steel
- Screws: DIN 912 - nickel plated
- elastomer spider: polyurethane 98 Sh-A

Dimensions [mm]: length dimensions according to DIN ISO 2768 cH

EKS	Øa	Øb	c	e	f	h	i	l	tmin	tmax	ØD1		ØD2	
											min	max	min	max
8	32	32	10,5	12	M 4	6	M 4	44,5	12	19	8	15	10	14
15	40	40	13	20	M 5	8	M 5	59	16	23	10	19	13	18
60	60	55	19,5	25	M 8	10	M 6	73	21	29	15	29	15	20
150	70	65	23	26	M 10	12	M 8	81,5	25	34	22	33	20	28
300	85	80	29	30	M 12	14	M 10	93	30	41	30	42	25	32
500	100	100	36	32	M 12	16	M 12	106	32	44	38	56	30	38
700	120	120	44	42	M 14	18	M 12	121,5	37	51	40	70	35	48

Notice: The associated bore size for the expanding cone >>ØD2<< with tolerance H7.

Application example:
Integrated design of a EKS coupling.



Ordering example: EKS 60 - D1 = Ø18 G7 - D2 = Ø20 g6