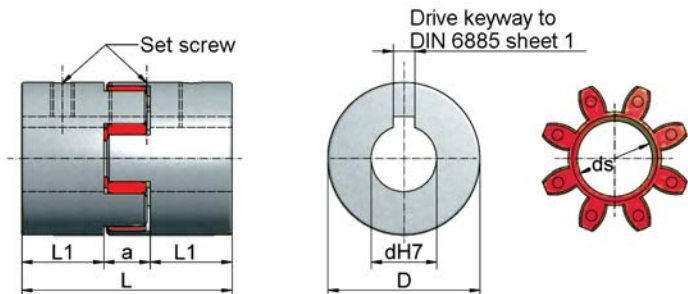


## Standard coupling KUZ



### Standard bores "d" [mm]

KUZ-09	U, 5*, 6, 7, 8, 9
KUZ-14	U, 9, 11, 14
KUZ-19	U, 11, 14, 16, 19
KUZ-24	U, 11, 14, 16, 19, 19L, 20, 24
KUZ-28	U, 14, 16, 19, 20, 24, 25, 28
KUZ-38	U, 25, 28, 28L, 32, 38
KUZ-45	U, 25, 28, 32, 38, 42, 45
KUZ-55	U, 28, 42, 48, 55

Other diameters available on request  
 U = not drilled (KUZ-14 and KUZ-19 pre-drilled Ø6.3)

L = long hub

\*Coupling with set screw, without keyway

### Dimensions

Size	D	L	L1	a	ds <sub>star</sub>	L1 <sub>long hub</sub>	Set screw	Tightening torque [Nm]
KUZ-09	20	30	10	10	-	-	M4	1.5
KUZ-14	27.5	44	16	12	-	-	M6 (M4)	4.8 (1.5)
KUZ-19	34.5	51	19	13	12	-	M6	4.8
KUZ-24	40	66	25	16	17	40	M5	2
KUZ-28	55	78	30	18	26	-	M5	2
KUZ-38	65	90	35	20	29	60	M6	4.8
KUZ-45	80	114	45	24	37	-	M8	10
KUZ-55	95	126	50	26	45	-	M8	10
KUZ-60	105	140	56	28	50	-	M8	10
KUZ-70	120	160	65	30	59	-	M10	17
KUZ-75	135	185	75	35	67	-	M10	17
KUZ-90	160	210	85	40	79	-	M10	17

### Coupling with keyway and set screw

- standard coupling with keyway and set screw
- provides rotational resilience
- maintenance-free
- material: as shown in the table

### Elastomer star

- material: Polyurethane
- medium to good damping
- very good long-term strength
- temperature range: -20°C to +70°C reduced to -30°C, up to +100°C (Mx0.55)

### Technical data

Size	Rated torque [Nm]	max. Torque [Nm]	max. speed [rpm]	Shore hardness Star	Material*	Weight, drilled [kg]	Torsional stiffness C <sub>dyn</sub> [Nm/rad]	Moment of inertia [10 <sup>-3</sup> kgm <sup>2</sup> ]
KUZ-09	3	6	28000	92A	A	0.05	-	-
KUZ-14	4.5	4.5	20000	55D	S	0.14	254	0.02
KUZ-19	7.3	7.3	14000	55D	S	0.27	274	0.03
KUZ-24	17	34	14000	98A	S	0.34	2920	0.1
KUZ-28	60	120	10600	98A	S	0.9	9930	0.4
KUZ-38	160	320	8500	98A	S	1.5	26770	1.4
KUZ-45	325	650	7100	98A	G	2.35	48570	2.5
KUZ-55	450	900	6000	98A	G	3.55	54500	6.1
KUZ-60	525	1050	5600	98A	G	4.85	65290	10.2
KUZ-70	625	1250	4750	98A	G	7.4	94970	20.3
KUZ-75	900	1300	4250	98A	G	10.8	129510	37.1
KUZ-90	1500	3000	3550	98A	G	17.7	197500	84

\*A = Aluminium, S = Sintered steel, G = Cast iron



### Ordering example:

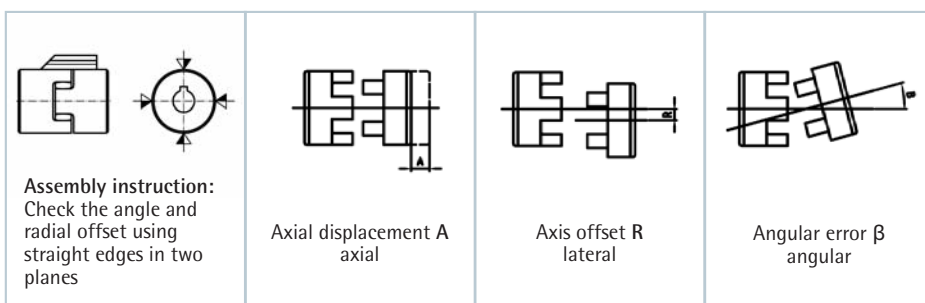
KUZ-24-20/24

Size

Bore d end 1

Bore d end 2

### Potential assembly errors



### Permissible assembly errors

Size	A	R	β
KUZ-09	0.8	0.15	1.0°
KUZ-14	0.75	0.4	0.5°
KUZ-19	0.75	0.4	0.5°
KUZ-24	1.2	0.2	0.9°
KUZ-28	1.4	0.22	0.9°
KUZ-38	1.5	0.25	0.9°
KUZ-45	1.8	0.28	1.0°
KUZ-55	2	0.32	1.0°
KUZ-60	2.1	0.36	1.1°
KUZ-70	2.2	0.38	1.1°
KUZ-75	2.6	0.42	1.2°
KUZ-90	3	0.48	1.2°