



EKGS

Servo insert coupling Torque range: 0.5 to 35 Nm

- Elastic backlash free coupling
- Reliable torque transmission
- Maintenance free
- Low inertia/size
- Easy to assembly, even in confined spaces
- Reduces vibration
- Materials:
Body: Aluminium
Spider: Polyurethane 92 Shore A (yellow)



Applications

- Metrology, control systems, driving, machine tools, driving lead screws

Torque (Nm) transmissible for hub secured using set screws

Bore size	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø11	Ø12	Ø13	Ø14	Ø15	Ø16	Ø17	Ø18	Ø20	Ø22	Ø24	Ø28
EKGS-5	0,5	0,5	0,5																	
EKGS-7	1,2	1,2	1,2	1,2	1,2	1,2														
EKGS-9	3	3	3	3	3	3	3	3	3	3										
EKGS-14	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5							
EKGS-19				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
EKGS-24						20	22	24	26	29	31	34	35	35	35	35	35	35	35	35

Part number	Transmissible nominal torque (Nm)	Tightened torque (Nm)	Max speed (rpm)	Moment of inertia (10^{-6} kgm ²)	axial (Nm)	Misalignment radial (Nm)	angular
EKGS-5	0,5	1,3	47500	0,034	-0,2/+0,4	0,06	1°
EKGS-7	1,2	1,3	34000	0,196	-0,3/+0,6	0,10	1°
EKGS-9	3	3	24000	1,08	-0,4/+0,8	0,13	1°
EKGS-14	7,5	6	16000	5,7	-0,5/+1,0	0,15	1°
EKGS-19	10	6	12000	36	-0,5/+1,2	0,10	1°
EKGS-24	35	6	8500	162	-0,5/+1,4	0,14	1°

Dimensions in mm

Characteristics

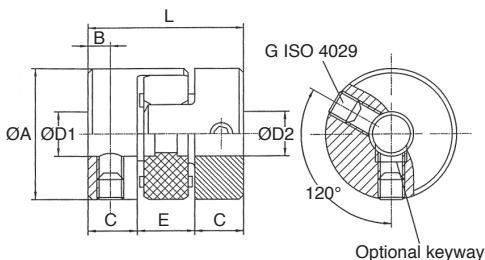
- Hardwearing
- Fixed using set screws
- Couplings are mounted pre-tensioned
- Shaft tolerance should be g6 or h7
- Contact surfaces should be free of grease

Bore

- Choose ØD1 and ØD2 from the ranges shown

Option

- Keyway according to DIN6885-1



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	L	ØA	E	ØD1/ ØD2		C	B	G	Weight (g)	Price each	
				No keyway	with keyway					No keyway	with keyway
EKGS-5	15	10	5	2-5	-	5	2,5	1xM3	5	33,54 €	-
EKGS-7	22	14	8	3-8	6-8	7	2,5	1xM3	9	34,75 €	34,75 €
EKGS-9	30	20	10	3-12	6-10	10	5	2xM4	17	36,11 €	36,11 €
EKGS-14	35	30	13	4-16	6-16	11	5	2xM6	41	45,40 €	45,40 €
EKGS-19	66	40	16	6-24	6-24	25	10	2xM6	138	57,43 €	57,43 €
EKGS-24	78	55	18	8-35	8-35	30	10	2xM6	282	72,07 €	72,07 €

Dimensions in mm

Our other products



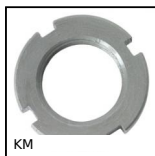
SHNbr

Hexagonal nut
DIN934, Brass



SUA4

Single chain supplied
by the metre, Steel



KM

Bearing locknut,
Locknut KM



PTA80

Articulated levelling
foot, pressed base
Ø80, Ø 80



RCC_RCX

Spherical tilt washer -
DIN6319, convex



BLHB40

Right angled gearbox,
bored shafts, up to
10.3 Nm



BLH20

Right angled gearbox,
from 0.53 to 1.77



SBF

Sealed flange bearing
unit for Food Industry,
cover



LBE

Miniature closed
linear bearing,
Miniature



PRF_GAL

Roller for aluminium
profile, Fixing kit for
roller concentric



MPB

Hexagonal spacer,
Brass



BOX-SHNA

Hexagonal nut -
DIN934, Box set of
steel nuts

Complementary products



ADSR

Backlash free
coupling Gerwah®,
from 12.5 to 525Nm



DKGS

Backlash free
coupling Gerwah®,
from 0.5 to 3Nm