



ADSR

Servo insert coupling Torque range: 12.5 to 525 Nm

- Elastic backlash free coupling
- Reliable torque transmission
- Maintenance free
- Low inertia/size
- Easy to assemble, even in confined spaces
- Reduces vibration
- Materials:
 - Hub- Aluminium
 - Ring- Polyurethane 98 Shore A (Red)



Secured by a clamping hub

Applications

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

Torque (Nm) transmissible by friction for a split hub

Part number	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø20	Ø25	Ø30	Ø35	Ø40	Ø45	Ø50	Ø55
ADSR-14	4,8	6,0	7,7	9,4	11	12,5	12,5								
ADSR-19		16	17	17	17	17	17								
ADSR-24				37	43	50	56	60	60						
ADSR-28				61	72	83	94	114	138	160	160				
ADSR-38					87	100	113	138	168	197	225	251	277		
ADSR-42						174	197	242	296	348	398	450	450		
ADSR-48							276	343	424	502	525	525	525	525	525

Part number	transmissible torque (Nm)	Tightened torque (Nm)	Max speed (t/min)	Moment of inertia 10^{-3} kg.m ²	axial (mm)	Misalignment radial (mm)	angular
ADSR-14	12,5	2	13000	0,006	-0,5/+1,0	0,09	0,9°
ADSR-19	17	11	10000	0,036	-0,5/+1,2	0,06	0,9°
ADSR-24	60	15	7000	0,15	-0,5/+1,4	0,10	0,9°
ADSR-28	160	32	6000	0,33	-0,7/+1,5	0,11	0,9°
ADSR-38	325	38	5000	0,96	-0,7/+1,8	0,12	0,9°
ADSR-42	450	84	4000	4,92	-1,0/+2,0	0,14	0,9°
ADSR-48	525	145	3600	8,26	-1,0/+2,1	0,16	0,9°

Dimensions in mm

Characteristics

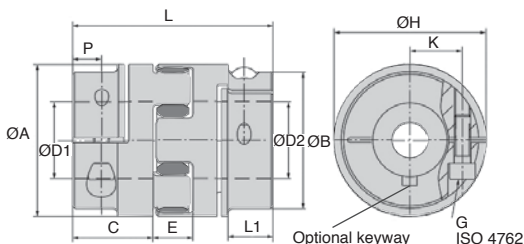
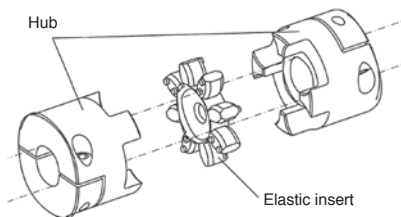
- Hardwearing
- Secured by a clamping hub
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

Bore

- Choose ØD1 and ØD2 from within the range shown

Option

- Keyway according to DIN6885-1



DISCOUNTS

Qty	1+	3+	6+
Disc.	List	-8%	On request

Part number	L	L1	ØB	K	ØA	ØH	E	ØD1/ØD2	C	P	G	Price each 1 to 2		
												Weight (kg)	No keyway	with keyway
ADSR-14	35	-	-	11	30	32,2	13	5-16	11	5	M3	0,042	66,69 €	93,38 €
ADSR-19	66	-	-	14,5	40	46	16	6-20	25	12	M6	0,158	94,85 €	121,53 €
ADSR-24	78	-	-	20	55	57	18	10-32	30	10,5	M6	0,304	111,15 €	137,86 €
ADSR-28	90	-	-	24,5	65	71	20	10-38	35	11,5	M8	0,505	143,76 €	170,46 €
ADSR-38	114	-	-	30	80	83	24	12-48	45	15,5	M8	0,934	222,35 €	249,03 €
ADSR-42	126	28	85	32,5	95	91	26	14-54	50	18	M10	3,8	760,46 €	787,14 €
ADSR-48	140	32	95	37	105	106	28	15-60	56	21	M12	4,9	889,41 €	916,10 €

Dimensions in mm

Our other products



AT5M AT10M

AT type timing belt per metre, AT10 Steel cored polyurethane



TBD

Manual leadscrew table with opposing threads, 5kg



M0

Worm and wheel set, Machined plastic (delrin)



VTA

Vari-Tork® slip friction clutch, 0.53 to 1.32 Nm



GP

Spring loaded toggle latch, Standard



NTM

Nylon tipped set screw, Nylon-point



ZBRA

Machined plastic bevel gear, 1:1



SLVHlok

Vertical toggle clamp, Vertical toggle clamp / horizontal foot



P20

Worm and wheel gear reducer, up to 5 Nm



BLH70

Right angled gearbox, from 26 to 128 Nm



BAC110

Swivel storage bin, Storage bin



VEL

Self-gripping cable strip, electric and pneumatic cables

Complementary products



EKGS

Backlash free coupling Gerwah®, from 0.5 to 35Nm



DKGS

Backlash free coupling Gerwah®, from 0.5 to 3Nm