

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)

Applications

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



Secured by a clamping hub

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	17							
ADSR-24				37	43	50	56	60	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

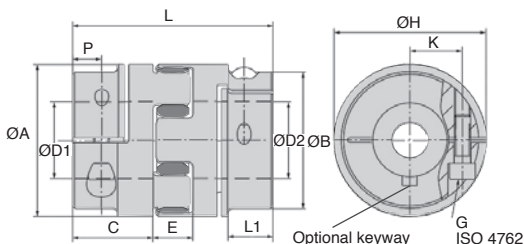
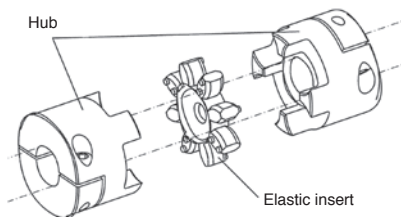
- Hardwearing
- Secured by a clamping hub
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

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



Rotating bent lever with spring, Increased fitting tolerances



Sliding nut, For T slot



Parallel axis helical gear, Machined plastic (delrin)



Drylin® Linear table, Maintenance free



Idler for slat top chain, Ranges 820 and 815



Open precision linear bearing, Precision - steel



Steel bevel gear, 2:1



Spur gear - precision range, Pre-hardened Steel 35NCD6



Steel Clamping collar, Steel



Cylindrical sintered bronze bush, Self-lubricating sintered bronze



Free running conveyor roller, PVC



T type timing pulley, Economy range - T10 moulded plastic (nylon)

Complementary products



Backlash free coupling Gerwah®, from 0.5 to 35Nm



Backlash free coupling Gerwah®, from 0.5 to 3Nm