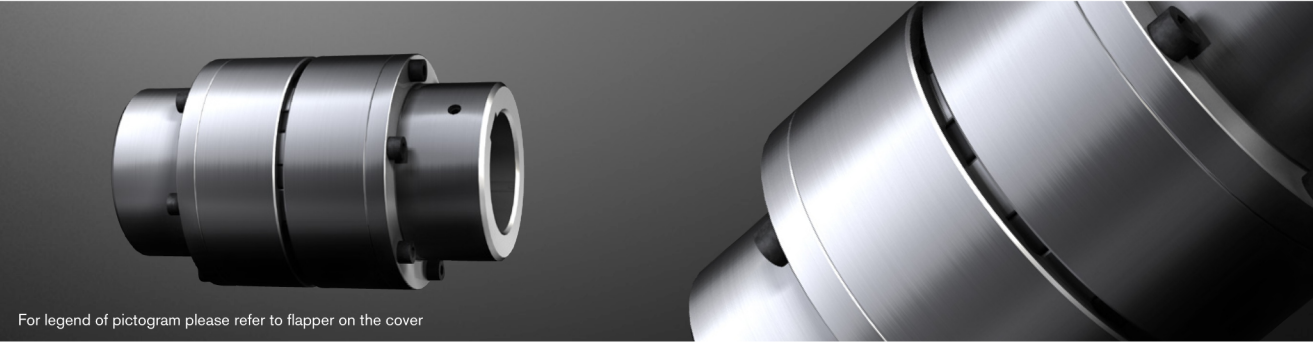


POLY-NORM® AZR

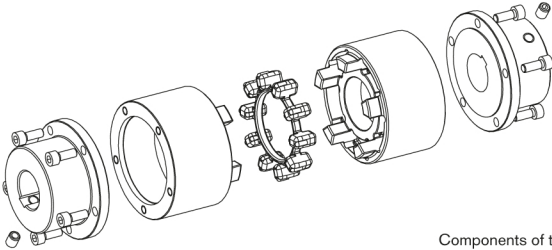
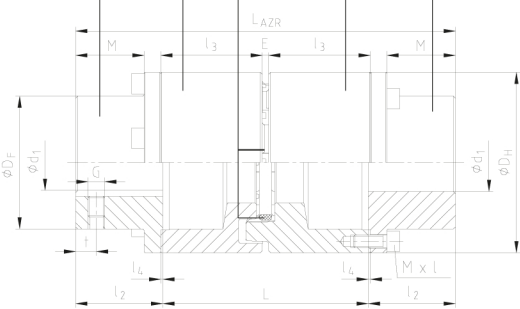
Flexible couplings

Standard drop-out center design coupling



Components

4N 3N 2 3N 4N



Components of type AZR:
2 = Elastomer ring (NBR 78 ShA)
3N = Driving flange (GJL)
4N= Coupling flange (steel)

POLY-NORM® Type AZR																		
Size	Drop-out center length* L [mm]	Elastomer ring ¹⁾ (component 2) Torque [Nm]		Max. finish bore d ₁ ²⁾	Dimensions [mm]												Mass moment of inertia ³⁾ [kgm²]	Weight ³⁾ [kg]
					General										Setscrew			
		T _{KN}	T _{K max}		LAZR	l ₂	l ₃	E	l ₄	D _H	D _F	M	Mxl	T _A [Nm]	G	t		
28	100	40	80	34	170	35	49.5	3	1	69	46	26	M6x18	14	M5	7	0.0020	2.4
32	100	60	120	38	170	35	49	4	1	78	53	26	M6x18	14	M8	7	0.0042	3.2
	210				69		0.0062										3.9	
38	100	90	180	45	184	42	49	4	1	87	62	33	M6x20	14	M8	10	0.0048	4.3
	224				69		0.0068										5.1	
42	100	150	300	50	190	45	49	4	1	96	69	35	M6x20	14	M8	10	0.0094	5.1
	230				69		0.0128										6.0	
48	100	220	440	55	204	52	49	5	1.5	106	78	41.5	M6x20	14	M8	15	0.0170	6.6
	244				69		0.0216										7.5	
55	100	300	600	65	210	55	49	5	1.5	118	88	43.5	M8x25	35	M8	14	0.0188	9.4
	250				69		0.0240										10.8	
	180				290		89										0.0232	12.2
60	100	410	820	70	220	60	49	5	1.5	129	97	47.5	M8x25	35	M8	15	0.0326	11.2
	260				69		0.0414										13.0	
	180				300		89										0.0504	14.6
	100				230		49										0.0564	14.0
65	140	550	1100	75	270	65	69	5	1.5	140	105	51.5	M8x25	35	M10	20	0.0730	15.8
	310				89		0.0894										17.5	
	140				290		69										0.0824	23.2
75	180	850	1700	90	330	75	89	5	1.5	158	123	60.5	M10x30	69	M10	20	0.1008	25.6
	250				400		124										0.1332	29.8
	140				310		69										0.1570	32.1
85	180	1350	2700	100	350	85	89	5	1.5	182	139	69.5	M10x30	69	M10	25	0.1658	35.2
	250				420		124										0.1812	40.7
	140				320		69										0.2466	38.2
90	180	2000	4000	110	360	90	89	5	1.5	200	148	73.5	M12x35	120	M12	25	0.2880	42.2
	250				430		124										0.3566	49.3
	140				340		69										0.3988	50.0
100	180	2900	5800	120	380	100	89	6	2	224	165	83	M12x35	120	M12	25	0.4450	54.8
	250				450		124										0.5465	63.2

¹⁾ Standard material Perbunan [NBR] 78 Shore A, for selection see page 14 et seqq.
²⁾ Bores H7 with keyway to DIN 6885 sheet 1 [JS9] and setscrew on the keyway
³⁾ Referring to average bore
*For other extendable lengths (L = 120/160/195/215) it is possible to combine two driving flanges 3N with various lengths. (As an example: driving flanges POLY-NORM® 85 for extendable length 140 and 250 give an extendable length of 195 mm (140 mm + 250 mm = 390 mm; 390 mm/2 = 195 mm)