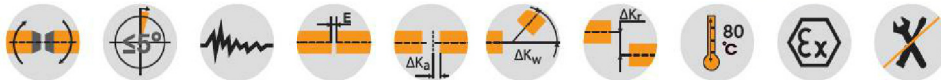


# POLY PKZ and PKD Flexible couplings

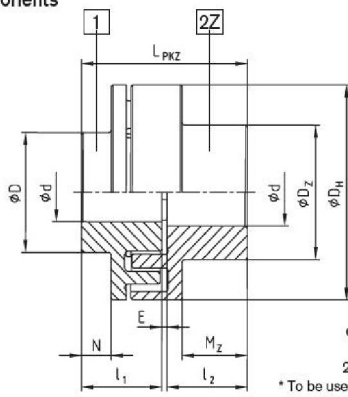
## PKZ (two-part) and PKD (three-part)



For legend of pictogram please refer to flapper on the cover

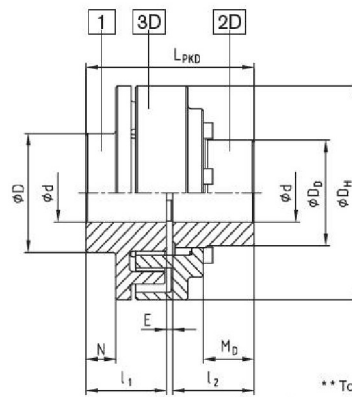


### Components



Components: Type PKZ (Z)  
1 = Cam section (G.JL)  
2Z = Pocket section \* (G.JL)  
\* To be used preferably on driving side

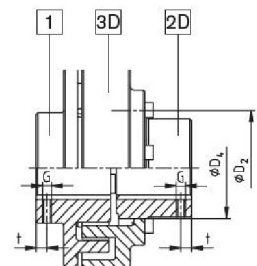
Type PKZ (Z) – (Size 8 to 30)



Components type PKD (D)  
1 = Cam section \* (G.JL)  
2D = Flange hub (steel)  
3D = Cam ring (G.JL)  
\*\* To be used preferably on driving side

Type PKD (D) – (Size 15 to 35)

POLY Type PKZ and PKD																					
Size	Rated torque-1) TKN	Max. speed 2) n [rpm]	Max. finish bore ød [mm]			Dimensions [mm]												Thread for setscrew			Weight 3) [kg]
			Part 1	Part 2Z	Teil 2D	DH	D	Dz	Dd	l1; l2	Mz	Md	N	E	D2	D4(H7/h7)	Lpkz/Lpkd	G	t	TA [Nm]	
8 (Z)	72	5000	20	28	—	86	43	50	—	35	25	—	3	3	—	—	73	M5	18	2	1,7
9 (Z)	72	5000	28	38	—	97	55	65	—	41	30	—	7	3	—	—	85	M8	23	10	2,7
10 (Z)	100	5000	32	42	—	107	60	70	—	45	35	—	10	4	—	—	94	M8	27	10	3,5
12 (Z)	170	5000	38	48	—	131	70	80	—	55	43	—	12	4	—	—	114	M8	30	10	5,4
14 (Z)	210	4800	45	55	—	142	80	93	—	60	46	—	17	4	—	—	124	M8	10	10	7,6
15 (Z;D)	320	4300	50	60	50	157	90	100	74,5	65	52	33	21	4	90	75	134	M8	15	10	8,6
17 (Z;D)	400	3800	60	65	60	176	100	110	87	70	56	43,5	26	4	106	90	144	M8	15	10	12
19 (Z;D)	660	3500	75	75	70	195	125	125	106	75	64	48	27	4	126	107	154	M8	15	10	18
20 (Z;D)	820	3300	65	75	70	205	115	127	104	80	65	45	23	4	129	105	164	M8	15	10	20
22 (Z)	1100	3000	85	85	—	224	140	140	—	90	75	—	38	4	—	—	184	M10	20	17	25
25 (Z;D)	1600	2700	90	90	95	257	150	150	138	100	84	67	43	5	162	140	205	M12	20	40	35
28 (Z;D)	2500	2350	100	100	110	288	165	165	158	110	90	65	44	5	178	160	225	M12	20	40	53
30 (Z;D)	3950	2200	110	110	110	308	180	180	165	130	108	89	58	5	202	170	265	M16	20	80	66
35 (D)	6100	1850	130	—	145	373	210	—	209	160	—	102	70	5	240	210	325	M16	25	80	125



1) Maximum torque  $T_{Kmax} = T_{KN} \times 2$ ; standard material of elastomer: Perbunan (NBR) 92 Shore-A; standard material of hub: G.JL  
2) Speeds for  $v = 30$  m/sec. For circumferential speeds exceeding  $V = 30$  m/s, dyn. we recommend dynamic balancing  
3) Referring to average bore

Ordering example:	POLY	PKD	28	d <sub>1</sub> Ø90	d <sub>2</sub> Ø80
	Coupling type	Type	Size	Finish bore part 1	Finish bore part 2