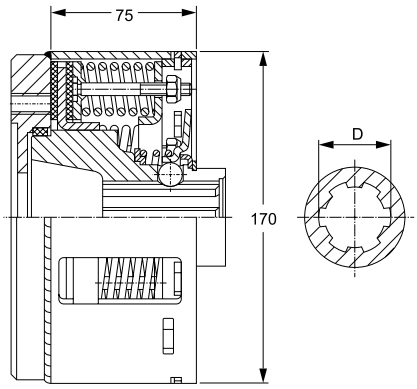




EK96

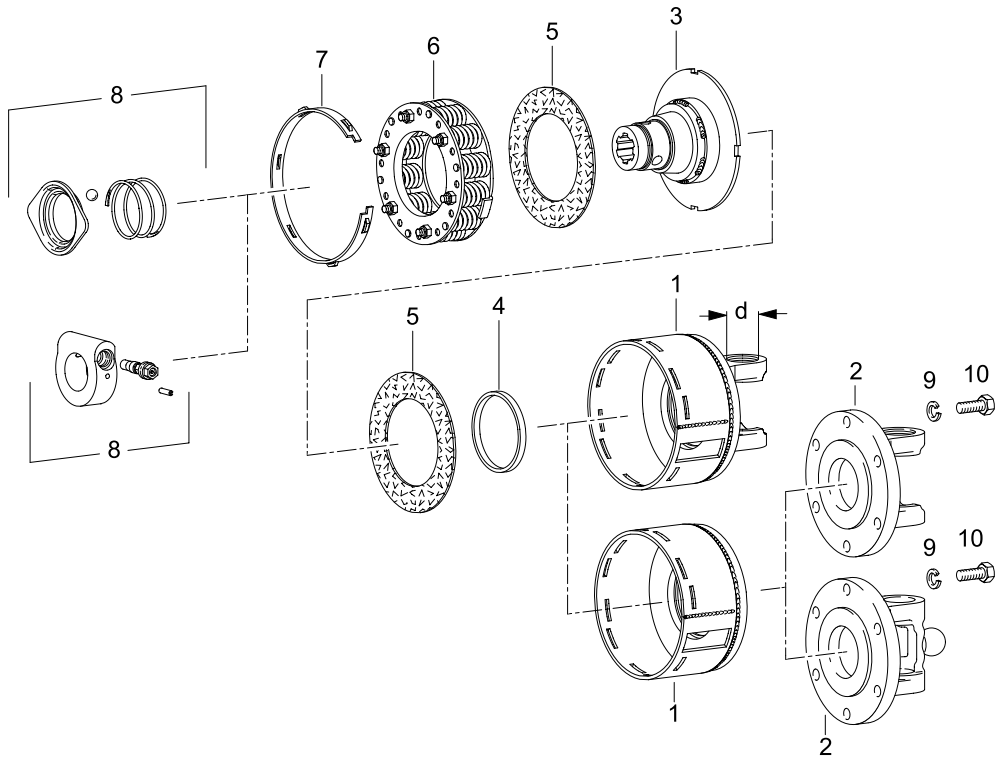
with slide collar

Type of construction	TK[1)]	Technical data	D	Style	M	Drawing No.	Part No.
	[mm]		[Profile]		[daNm]		
EK96	118	6xM10	1 3/8“ (6)	ZV	105	56.104.50	1173336

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

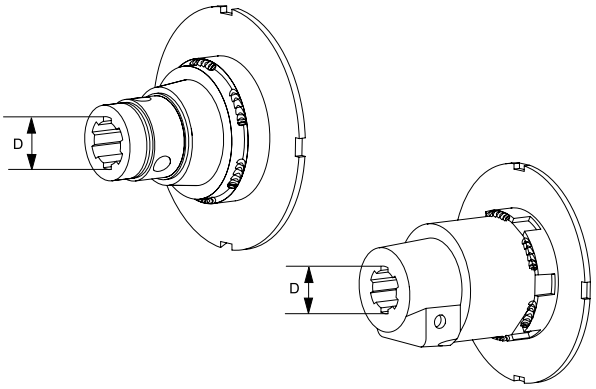


K96 AND EK96 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96 Clutch housing	2300	27				21.90.01 +	1367759
1	K96 Clutch housing	2400	32				35.90.01 +	1170022
1	EK96 Clutch housing			118	6xM10		56.39.00	1367785
1	EK96 Clutch housing			138	6xM12		56.39.01	1367786
2	Flange yokes Series W and P (Power Drive)							
2	Wide angle flange yokes 80° Series W							
3	K96 Hubs							
4	Ring				84x92x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Spring sets for all K96 and K96/4 clutches							
7	Setting ring						56.36.00	1367720
8	Locking mechanisms for yokes and clutches							
9	Lock washer				A10	DIN 127	60.82.03	1178114
9	Lock washer				A12	DIN 127	60.83.02	1178115
10	Hexagonal screw				M10 x 30	DIN 933	60.05.56	1178117
10	Hexagonal screw				M12 x 30	DIN 933	60.06.53	1178119

3. CLUTCHES

3.4. FRICTION CLUTCHES



K96 HUBS

Type	D	Style	Drawing No.	Part No.
	[Profile]			
K96	1 3/8“ (6)	ZV	56.30.00	1367757

K96 AND K96/4 SPRING SETS AND SETTING GUIDE



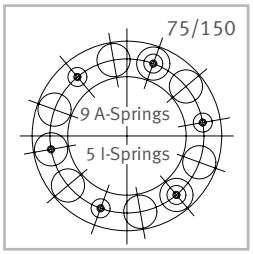


Torque level		Set ring position	clutch housing position
I	70%	min.	1
II*	80%	max.	1
III	90%	min.	2
IV	100%	max.	2

* Recommended setting

There are 2 ways to change the torque rating for a given clutch. Each method of adjustment has 2 positions for a total of 4 possible torque ratings for a given clutch. See table above for further details.

1. The set ring has a 'min' and 'max' position.
2. The clutch pack can be rotated relative to the housing in positions 1 and 2. (see picture)



Example spring diagram

- Outer spring
- Outer and inner spring
- Inner spring
- Compression bolts

Housing stamping	Torque K 96 [daNm] level				Torque K 96/4 [daNm] level				Order Number
	I	II*	III	IV	I	II*	III	IV	
20 / 40	180	200	230	250	350	400	450	500	1171283
30 / 60	260	300	340	380	530	600	680	750	1171284
36 / 72	320	360	420	460	604	720	840	930	1118578
40 / 80	350	400	450	500	700	800	900	1000	1171285
/ 90					800	900	1050	1150	1171286
50 / 100	450	500	580	630	880	1000	1150	1280	1377677
/ 110					950	1100	1250	1400	1377676
60 / 120	530	600	700	780	1050	1200	1380	1530	1377675
63 / 125	550	630	730	800	1100	1250	1450	1590	1172777
/ 135					1200	1350	1555	1730	1377674
75 / 150	650	750	850	950	1330	1500	1730	1900	1377673
/ 165					1450	1650	1900	2100	1175022
90 /180	800	900	1030	1150	1580	1800	2080	2300	1377671
/ 195					1700	1950	2250	2470	1175023
105/210	900	1050	1180	1300	1800	2100	2350	2600	1377672

* Recommended setting