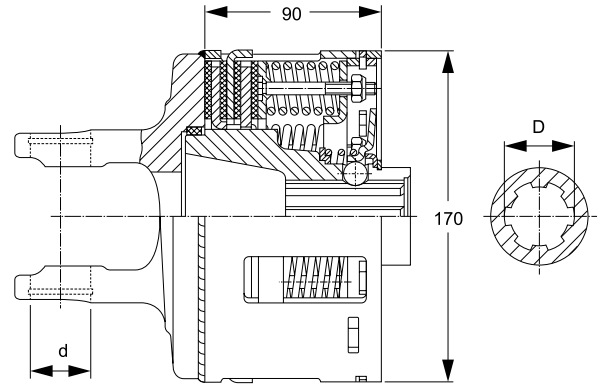


3. CLUTCHES

3.4. FRICTION CLUTCHES



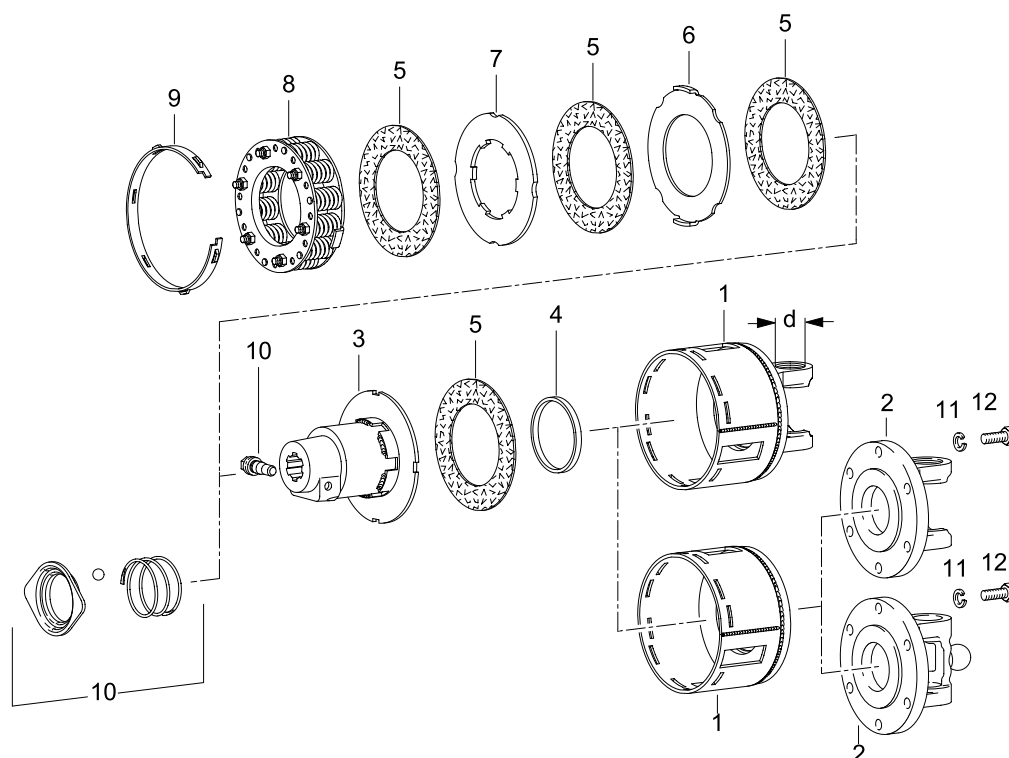
K96/4

Type of construction	Size	d	D	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K96/4	2300	27	1 3/8" (6)	ZV	120	56.109.51	1199671
K96/4	2400	32	1 3/8" (6)	CC	120	56.138.51	1102587
K96/4	2400	32	1 3/8" (6)	CC	135	56.138.51	1101738
K96/4	2400	32	1 3/8" (6)	CC	150	56.138.51	1101739
K96/4	2400	32	1 3/4" (6)	CC	135	56.139.51	1101740
K96/4	2400	32	1 3/4" (6)	CC	150	56.139.51	1111566
K96/4	2400	32	1 3/8" (6)	ZV	120	56.100.51	1181659
K96/4	2400	32	1 3/8" (6)	ZV	135	56.100.51	1170841
K96/4	2400	32	1 3/8" (6)	ZV	150	56.100.51	1181390
K96/4	2400	32	1 3/8" (6)	ZV	165	56.100.51	1195622
K96/4	2400	32	1 3/8" (21)	ZV	135	56.108.51	1165870
K96/4	2500	36	1 3/8" (6)	CC	180	56.136.51	1101735
K96/4	2500	36	1 3/8" (6)	CC	210	56.136.51	1198662
K96/4	2500	36	1 3/4" (6)	CC	150	56.141.51	1102013

Type of construction	Size	d	D	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K96/4	2500	36	1 3/4" (6)	CC	180	56.141.51	1101742
K96/4	2500	36	1 3/4" (6)	CC	210	56.141.51	1101743
K96/4	2500	36	1 3/4" (20)	CC	150	56.145.51	1126587
K96/4	2500	36	1 3/8" (6)	ZV	150	56.126.51	1386185
K96/4	2600	42	1 3/4" (6)	CC	210	56.133.51	1101737

3. CLUTCHES

3.4. FRICTION CLUTCHES

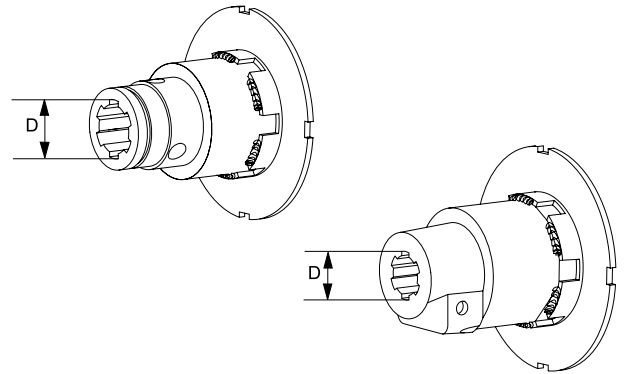


K96/4 AND EK96/4 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96/4 Clutch housing	2400	32				35.90.02 +	1367749
1	K96/4 Clutch housing	2500	36				36.90.02 +	1161386
1	K96/4 Clutch housing	2600	42				26.90.02 +	1177116
1	EK96/4 Clutch housing			118	6xM10		56.39.02	1367766
1	EK96/4 Clutch housing			138	6xM12		56.39.03	1367767
2	Flange yokes Series W and P (Power Drive)							
2	Wide angle flange yokes 80° Series W							
3	K96/4 Hubs							
4	Ring				84x92x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Drive plate						56.34.03	1367726
7	Drive plate						56.34.02	1367725
8	Spring sets for all K96 and K96/4 clutches							
9	Setting ring						56.36.00	1367720
10	Locking mechanisms for yokes and clutches							
11	Lock washer				A10	DIN 127	60.82.03	1178114
11	Lock washer				A12	DIN 127	60.83.02	1178115
12	Hexagonal screw				M10 x 30	DIN 933	60.05.56	1178117
12	Hexagonal screw				M12 x 30	DIN 933	60.06.53	1178119

3. CLUTCHES

3.4. FRICTION CLUTCHES



K96/4 HUBS

Type	D	Style	Drawing No.	Part No.
	[Profile]			
K96/4	1 ³ / ₈ " (6)	CC	56.31.22	1198492
K96/4	1 ³ / ₈ " (6)	ZV	56.31.00	1367751
K96/4	1 ³ / ₄ " (6)	CC	56.31.18	1196380
K96/4	1 ³ / ₄ " (6)	KB	56.31.16	1183517
K96/4	1 ³ / ₄ " (20)	CC	56.31.20	1197835

3. CLUTCHES

3.4. FRICTION CLUTCHES

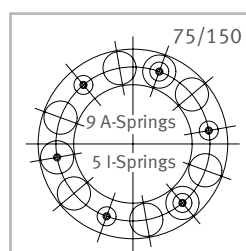
K96 AND K96/4 SPRING SETS AND SETTING GUIDE



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