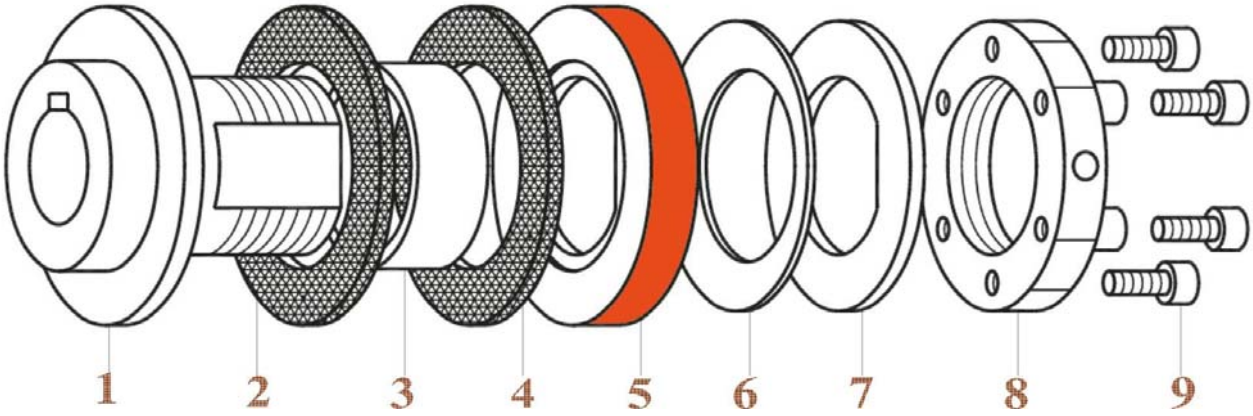
Unik Torque Limiter UTL

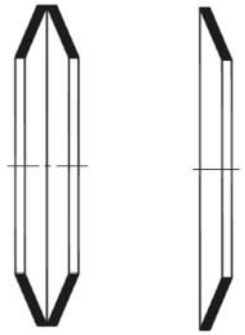
Basic structure of UTL



1	Hub	6	Disk spring
2	Friction disc	7	Safety plate
3	Sliding bush	8	Adjusting nut
4	Friction disc	9	Adjusting bolt
5	Pressure ring		

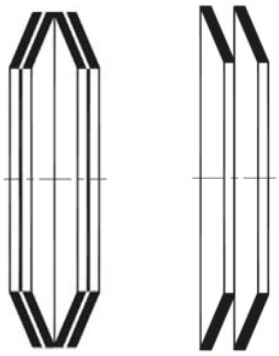
Number of Disc Spring

Single layer



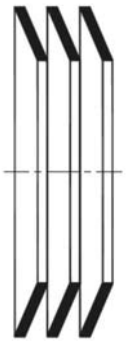
1DS UTL10 **1DS UTL20-65**

Double layer



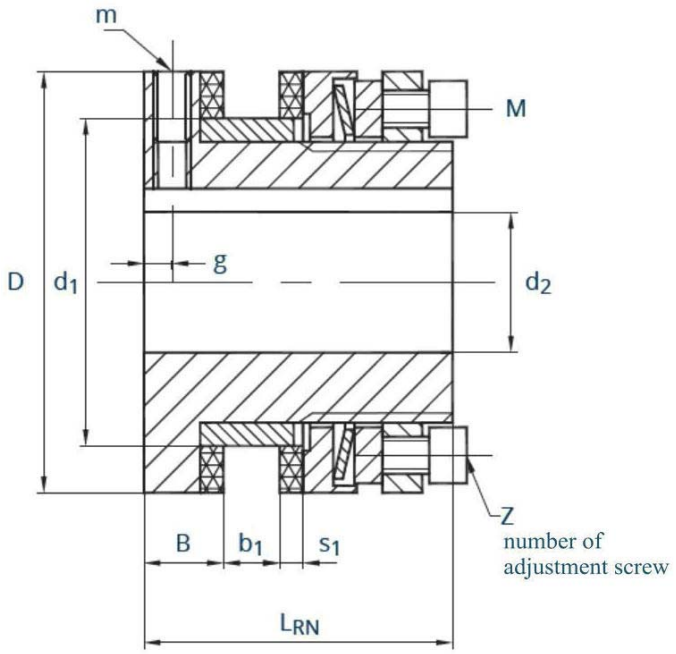
2DS UTL10 **2DS UTL20-65**

Triple layer

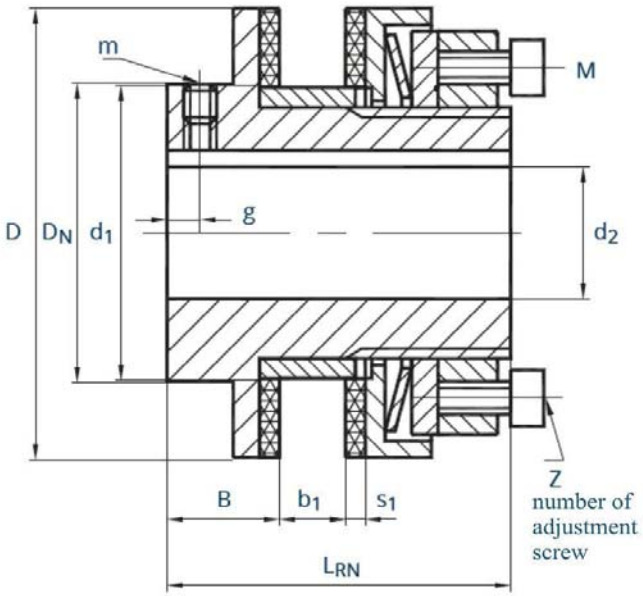


3DS UTL20-65

Unik Torque Limiter UTL



UTL10-20



UTL22-65

Type	Max.RPM (1-min)	Number of disc spring			Inner Bore		D	DN	d1 (H8)	Width of driving part		Bush length		S1	LRN	g	m	M	Z
		single	double	triple	Pilot bore	Bore max				B	min.	max.	min.	max.						
UTL10	10000	0.5-5	1-10	-	3.7	10	30	30	21	8.5	2	6	1.5	4.2	2.5	31	3	M4	M4	3
UTL20	8500	2-10	4-20	18-30	5.7	20	45	45	35	8.5	2	6	6	10	2.5	33	3	M4	M4	6
UTL22	6600	5-35	10-70	60-105	10	22	58	40	40	16	3	8	8	13	3	4	4	M5	M4	6
UTL25	5600	20-75	40-150	130-200	10	25	68	45	44	17	3	10	8	15	3	52	6	M5	M5	6
UTL35	4300	25-140	50-280	250-400	14	35	88	58	58	19	4	12	9	17	3	57	6	M6	M6	6
UTL45	3300	50-300	100-600	550-800	18	45	115	75	72	21	5	15	11	21.5	4	68	6	M6	M8	6
UTL55	2700	90-600	180-1200	1100-1600	24	55	140	90	85	23	6	18	12	24.5	4	78	6	M8	M8	6
UTL65	2200	280-800	800-1600	1400-2100	28	65	170	102	98	29	8	20	16	28	5	92	8	M8	M8	6

Order example	size	Disc spring	Width of mounting part	Bore	Keyway
	UTL45	1DS	10	30H7	8P9