

VT27 VT40

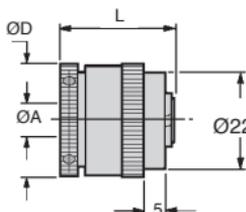
Torque up to 1.32Nm

- **Basic clutch to be insert into a hub**
- Protects equipment in case of excess torque
- Max. backlash 2°
- Max. sliding velocity: 1000 rpm
- Max surface temperature 80°C
- Power dissipation at 20°C :
 - 2 discs : 7 watts
 - 6 discs : 8.6 watts
- Materials:
 - Hubs + discs: treated steel
 - Casing + adjuster ring: aluminium

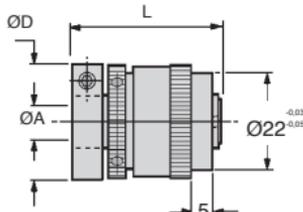


Advantages

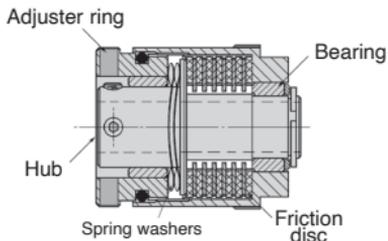
- Clutches interrupt rotation when load being transmitted exceeds preset limit.



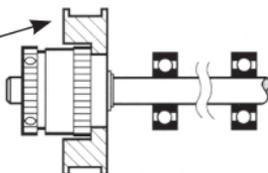
VT2 With set screw



VT4 With clamp fixing



Pulley (Or gear, etc...) bonded to register. Press fits not permissible.



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-5%	On request

Part number	ØA Std.	N° of friction discs	ØD	L	Screw	Heat dissipation at 20°C (Watts)	Max. frictional torque (Nm)	Moment of inertia (kgm ² x 10 ¹)	Price each 1 to 4
With set screw									
VT2712-6	6	2	25,8	26,4	M3	7,0	0,53	242	✓ 105,03 €
VT2712-8	8	2	25,8	26,4	M3	7,0	0,53	242	✓ 105,03 €
VT2796-6	6	6	25,8	32,4	M3	8,6	1,32	312	✓ 124,49 €
VT2796-8	8	6	25,8	32,4	M3	8,6	1,32	312	✓ 124,49 €
With locking jaw									
VT4012-6	6	2	25,8	34,4	M3	7,0	0,53	317	✓ 118,44 €
VT4012-8	8	2	25,8	34,4	M3	7,0	0,53	317	- 118,44 €
VT4096-6	6	6	25,8	40,7	M3	8,6	1,32	381	- 136,18 €
VT4096-8	8	6	25,8	40,7	M3	8,6	1,32	381	✓ 136,18 €

*Depending on availability - Dimensions in mm

Torque up to 1.32Nm

VTA2
VTA6

- **Adjustable clutch coupling**
- Max. backlash 2°
- Max. sliding velocity: 1000 rpm
- Max surface temperature 80°C
- Equipped with an Oldham coupling
- Materials:
 - Hub: Aluminium 6082
 - Disc: Black acetal

Equipped with coupling

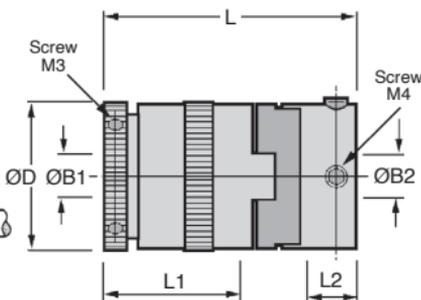


Uses

- 2 spring washers are fitted to these torque limiters
- These clutches are fitted with two washers. In some applications better torque control can be achieved by removing one.



Motor, gearbox, or other externally supports shafts



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-5%	On request

Part number	$\begin{matrix} +0.03 \\ -0.50 \\ \text{ØB1} \end{matrix}$	$\begin{matrix} +0.03 \\ -0.00 \\ \text{ØB2} \end{matrix}$	L	ØD	Max. shaft length L1	Max. shaft length L2	Heat dissipation at 20°C (Watts)	Max. frictional torque (Nm)	Stock*	Price each 1 to 4
2 discs										
VTA2-0606	6	6	46,50	25,8	25	8,60	7,0	0,53	✓	147,14 €
VTA2-0608	6	8	46,50	25,8	25	8,60	7,0	0,53	✓	147,14 €
VTA2-0610	6	10	46,50	25,8	25	8,60	7,0	0,53	-	147,14 €
VTA2-0806	8	6	46,50	25,8	25	8,60	7,0	0,53	-	147,14 €
VTA2-0808	8	8	46,50	25,8	25	8,60	7,0	0,53	✓	147,14 €
VTA2-0810	8	10	46,50	25,8	25	8,60	7,0	0,53	✓	147,14 €
6 discs										
VTA6-0606	6	6	53,40	25,8	31	8,60	8,6	1,32	-	166,71 €
VTA6-0608	6	8	53,40	25,8	31	8,60	8,6	1,32	-	166,71 €
VTA6-0610	6	10	53,40	25,8	31	8,60	8,6	1,32	-	166,71 €
VTA6-0806	8	6	53,40	25,8	31	8,60	8,6	1,32	-	166,71 €
VTA6-0808	8	8	53,40	25,8	31	8,60	8,6	1,32	✓	166,71 €
VTA6-0810	8	10	53,40	25,8	31	8,60	8,6	1,32	✓	166,71 €

*Depending on availability - Dimensions in mm

Friction torque limiter



LC

Max torque 30Nm to 240Nm

- Adjustable clutch

- Place the wheel (gear, pulley, chain sprocket) between the two friction disks and tighten/loosen the thread to achieve the torque setting required.
- Supplied with 2 spring washers
- Only one can be fitted for lower transmissible torque
- Supplied pre-bored

Material:

Steel

Friction disks do not contain asbestos



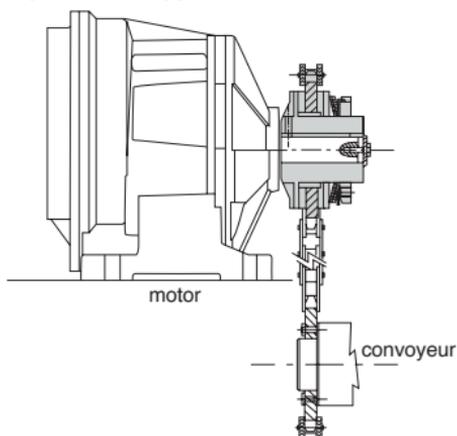
LC 40-50

Option

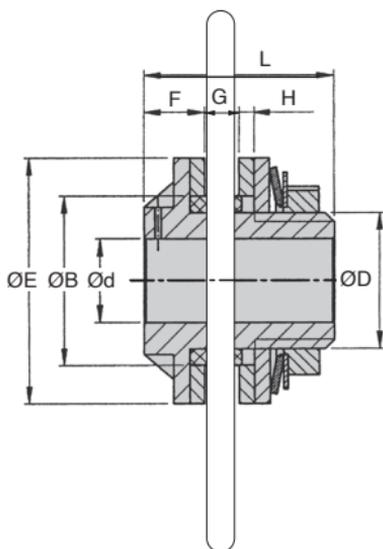
- Bore and keyway to your specifications
(Mini order quantity: 30)

Info.

- Friction disks should never come into contact with oil as this could cause damage or affect the performance
- Sprocket not supplied



Typical application



DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-5%	On request

Part number	OE	ØBh8	Ød	F	G max	H	ØD	L	N° springs	torque max (Nm)	Recommended sprocket Pitch	N° of teeth	Stock	Price each
LC40-2-7	40	26	7	9	6	3	22	30,0	1	15	3/8"	18-21	-	38,25 €
									2	28	1/2"	15		
LC50-2-7	50	35	7	10	6	3	32	35,5	1	30	3/8"	19-23	✓	42,24 €
									2	55	1/2"	17		

*Depending on availability - Dimensions in mm



Friction torque limiter

Max torque 190Nm to 1.800Nm

LC

- **Adjustable clutch**
- Place the wheel (gear, pulley, chain sprocket) between the two friction disks and tighten/loosen the thread to achieve the torque setting required.
- Supplied with 2 spring washers
- Only one can be fitted for lower transmissible torque
- Supplied pre-bored
- Material: Steel
- Friction disks do not contain asbestos



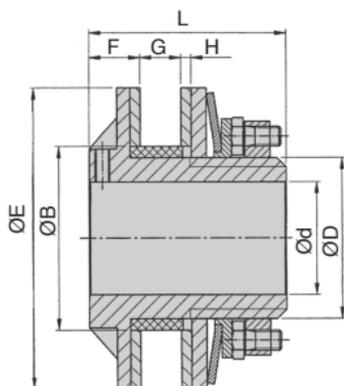
LC 65-85-95-120-140-170

Option

- Bore and keyway to your specifications (Mini order quantity: 30)

Info.

- Friction disks should never come into contact with oil as this could cause damage or affect the performance
- **Sprocket not supplied**



LC 65-85-95-120-140-170

DISCOUNTS

Qty	1+	2+	5+
Disc.	List	-5%	On request

Part number	ØE	ØBh8	Ød	F	G	H	ØD	L	N° springs	torque max (Nm)	Recommended sprocket Pitch	N° of teeth	Stock*	Price each
LC65-2-10	65	45	10	16	9	4	36	53	1	70	3/8"	27	✓	73,84 €
								55	2	120	1/2"	21		
LC85-2-15	85	52	15	16	11	4	45	59	1	130	3/8"	38	✓	90,01 €
								61	2	240	1/2"	25		
LC95-2-15	95	60	15	17	11	4	52	67	1	190	1/2"	30	-	113,26 €
									2	340	5/8"	25		
LC120-2-20	120	73	20	19	16	4	64	78	1	350	1/2"	38	✓	169,51 €
									2	650	5/8"	32		
LC140-2-20	140	90	20	22	17	4	85	86,5	1	650	3/4"	35	-	206,92 €
								2	1200	1"	21			
LC170-2-28	170	100	28	25,5	18,5	4,5	90	94	1	1000	3/4"	35	-	288,16 €
									2	1800	1"	25		

*Depending on availability - Dimensions in mm

Friction torque limiter



DSF

Torque up to 2,600Nm

- **Adjustable torque limiter**
- Chain coupling
- Easy and economical slip safety device
- Suitable for dusty environments and when a phase between the drive and driven parts is not necessary
- Silent slip without vibration
- Protection in both directions of rotation
- Asbestos-free friction rings
- Simple and precise torque adjustment by adjusting the setting nut
- Supplied full or pre-drilled
- Materials:
Steel EN10083-2
- $\varnothing C$ and $\varnothing D$ are pre-drilled holes or pilot holes given for information purposes only and must be re-drilled by you

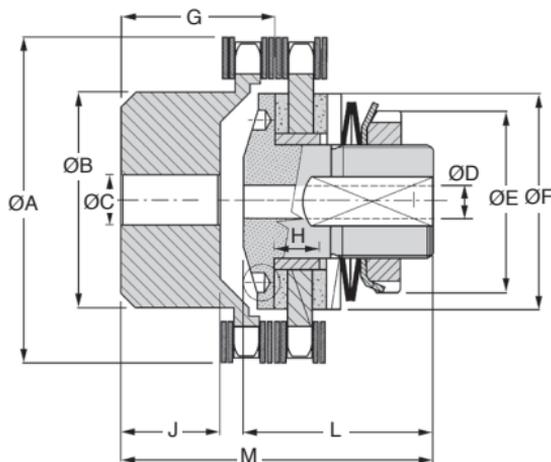


Advantages

- Protection of the gear motor from accidental collisions with the product
- Protection of the film on wrapping machines in the event of excessive traction
- Absorption of starting torques without disconnecting the transmission
- Protection of the transmission in the event of brief product accumulation

Options

- Bore-size and keyway

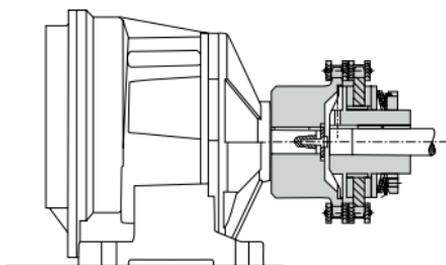
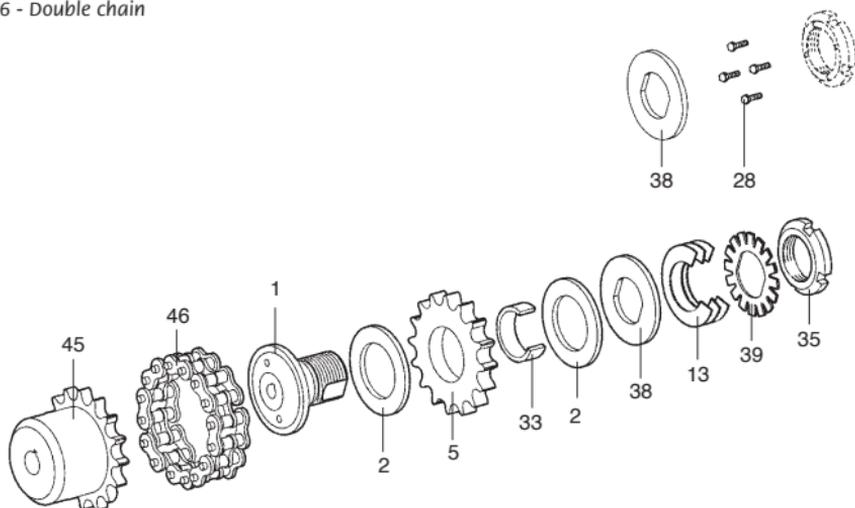


Part number	ØA	ØB	ØE	ØF	G	H	J	L	M
DSF025-4-20	45	23	22	25	13	5,5	9,0	26	39
DSF038-5-35	57	37	32	38	28	8,0	20,0	33	58
DSF050-12-60	75	50	44	50	28	8,0	19,0	35	58
DSF170-26-100	101	70	63	70	40	10,0	29,0	55	87
DSF290-70-300	126	89	82	90	60	15,0	38,0	60	102
DSF311-240-580	159	112	104	115	70	17,0	56,5	70	131
DSF414-400-1200	184	130	130	140	70	21,0	59,5	80	145
DSF517-450-2600	215	130	158	170	100	25,0	88,0	95	189

Dimensions in mm

Parts

- 1 - Flange clamp hub
- 2 - Friction disc
- 5 - Toothed crown
- 13 - Axial spring
- 28 - Adjustment screw
- 33 - Sliding ring
- 35 - Notched locknut
- 38 - Mobile flange
- 39 - Toothed washer
- 45 - Pre-bored chain pinion
- 46 - Double chain


Typical application

DISCOUNTS

Qty	1+	2+	5+
Disc. List		-5%	On request

Part number	OC (mm)		OD (mm)		Torque (Nm)	Stock*	Price each
	Prebore Ø	Max. Ø	Prebore Ø	Max. Ø			
DSF025-4-20	8	12	-	8	2-20	✓	168,29 €
DSF038-5-35	10	20	-	12	15-34	✓	185,52 €
DSF050-12-60	12	28	-	20	17-70	✓	309,44 €
DSF170-26-100	16	38	-	25	34-120	✓	289,04 €
DSF290-70-300	20	55	-	38	90-280	-	460,01 €
DSF311-240-580	20	70	18	45	207-700	-	681,26 €
DSF414-400-1200	28	80	24	55	390-1200	-	1 169,88 €
DSF517-450-2600	30	80	28	65	1000-2600	-	1 614,70 €

*Depending on availability - Dimensions in mm