

## VT27 VT40

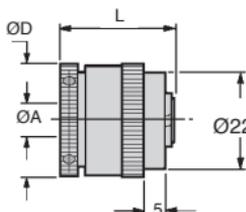
Torque up to 1.32Nm

- **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

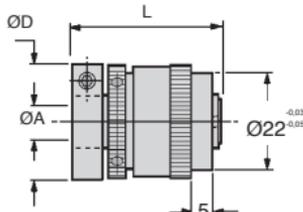


### Advantages

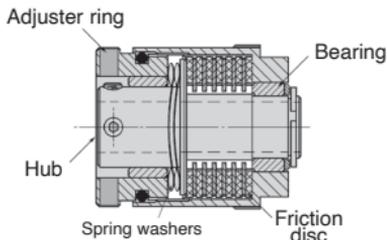
- Clutches interrupt rotation when load being transmitted exceeds preset limit.



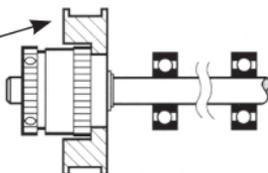
VT2 With set screw



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 (kgm²x 10¹)	Price each 1 to 4
<b>With set screw</b>									
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 €
<b>With locking jaw</b>									
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

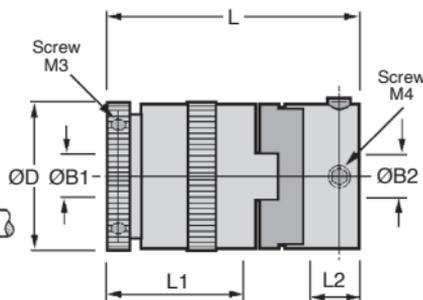
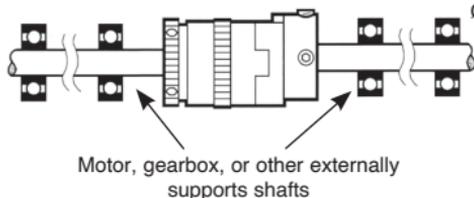
- Adjustable clutch coupling
- Max. backlash 2°
- Max. sliding velocity: 1000 rpm
- Max surface temperature 80°C
- Equipped with an Oldham coupling
- Materials:
  - Hub: Aluminium 6082
  - Disc: Black acetal

*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.



## DISCOUNTS

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

Part number	$\begin{matrix} +0.03 \\ -0.50 \end{matrix}$ ØB1	$\begin{matrix} +0.03 \\ -0.00 \end{matrix}$ ØB2	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
<b>2 discs</b>										
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 €
<b>6 discs</b>										
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

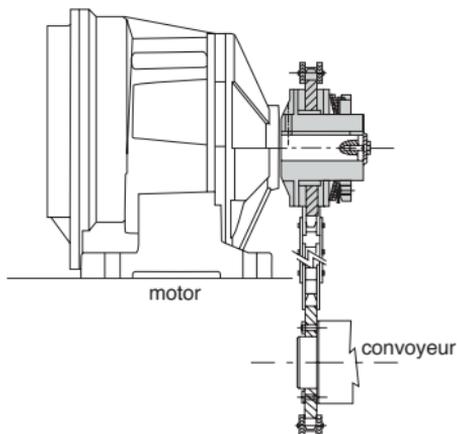
### Option

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

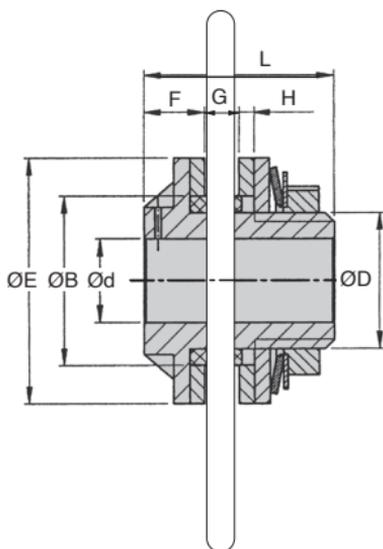
### Info.

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

\*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



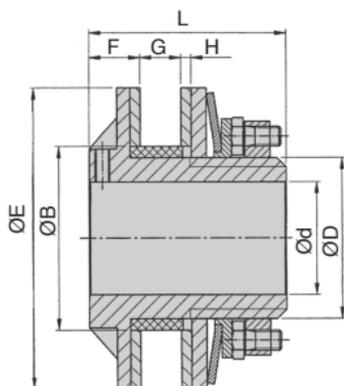
LC 65-85-95-120-140-170

## 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

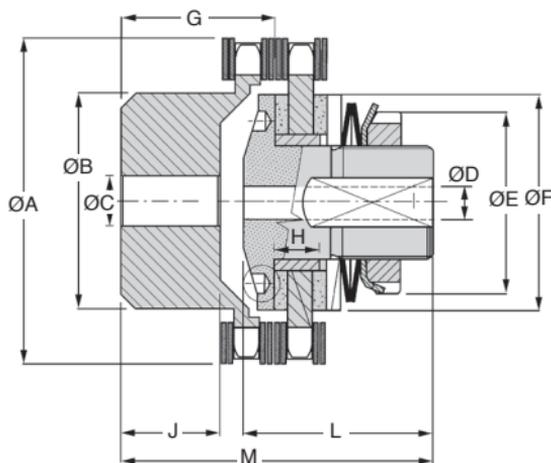


### Advantages

- 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

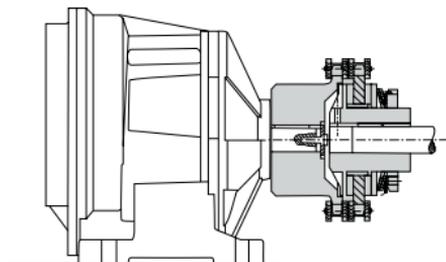
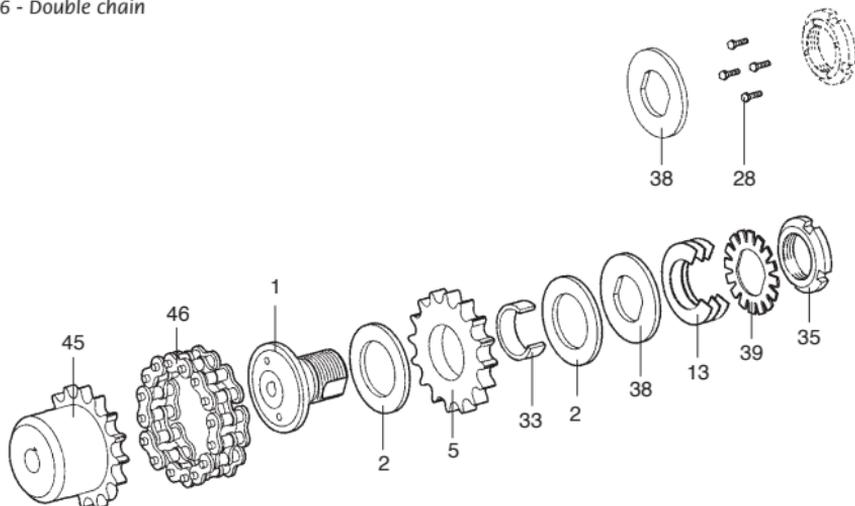


Part number	ØA	ØB	ØE	ØF	G	H	J	L	M
DSF025-4-20	45	23	22	25	13	5,5	9,0	26	39
DSF038-5-35	57	37	32	38	28	8,0	20,0	33	58
DSF050-12-60	75	50	44	50	28	8,0	19,0	35	58
DSF170-26-100	101	70	63	70	40	10,0	29,0	55	87
DSF290-70-300	126	89	82	90	60	15,0	38,0	60	102
DSF311-240-580	159	112	104	115	70	17,0	56,5	70	131
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**

<b>Qty</b>	1+	2+	5+
<b>Disc.</b>	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