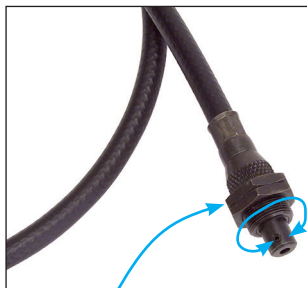
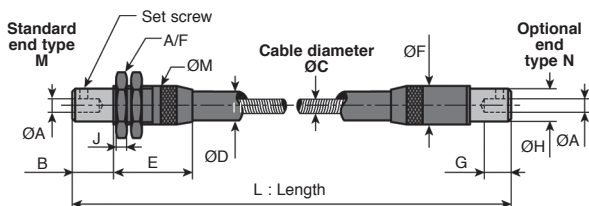


- Suitable for most applications due to the use of self lubricating bronze bearings in the end connectors
- Allows the driving and driven elements to be mounted apart
- Obstacles can be avoided, multiple bends possible
- Position of the driven element is no longer determined by the position of the driving equipment
- Output efficiency >95%
- Dampens vibration
- Woven wire flexible shaft
- Materials:
  - Wires: blackened XC25 steel
  - Sheath: PVC



standard end  
(with 2 locknuts)



Dark grey areas are fixed parts.  
Light grey areas are revolving parts.

Part number	ØC core	ØM	ØA	B	ØD	E	A/F	ØF	G	ØH	J	Screw
FDSQ4-L	3,80	M15x1,0	4	10	10,5	43	22	15,0	8	12,5	4	M3
FDSQ5-L	4,75	M18x1,0	5	16	14,0	50	24	18,0	12	15,5	4	M3
FDSQ6-L	6,35	M21x1,0	6	17	17,0	59	27	21,0	14	18,5	4	M4
FDSQ8-L	8,00	M22x1,5	8	23	17,5	63	30	22,0	17	18,5	4	M4
FDSQ9-L	9,52	M26,5x1,5	10	25	22,5	69	35	26,5	20	23,0	4	M5
FDSQ13-L	12,70	M29,5x1,5	15	31	25,0	84	36	29,5	24	26,0	4	M6

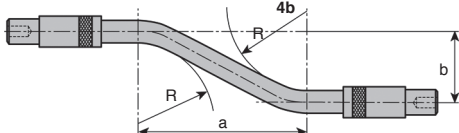
Dimensions in mm

## Info.

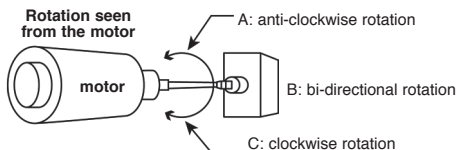
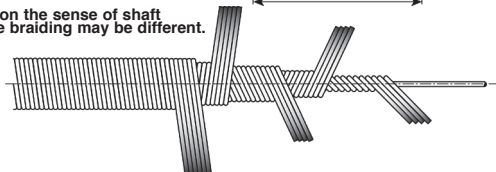
- Replace the "L" in the part number by the length required and add the desired end (R: standard; S: optional)  
E.g. **FDSQ4A-500RR**
- Steel core lubricated with oil
- For continuous use, the shaft should be lubricated every 3 months
- Flexible shaft can be removed by unscrewing the knurled part. Check the sealing before re-use
- Delivered pre-bored

**NOTE:** For assembly, the end must be drilled and pinned to the connected shaft. The set screw is only there for positioning. It does not allow torque to be transmitted.

**BEND RADIUS**  
Radius =  $\frac{a^2 + b^2}{4b}$  (mm)



Depending on the sense of shaft rotation, the braiding may be different.



"L" in part number refers to length, see info.

anti-clockwise	Part number bidirectional	clockwise	Price for 500 mm	Price for 1000 mm	Price for 1500 mm	Price for 2000 mm	Price for 2500 mm	Price for 3000 mm
FDSQ4A-L	FDSQ4B-L	FDSQ4C-L	On request	On request	On request	On request	On request	On request
FDSQ5A-L	FDSQ5B-L	FDSQ5C-L						
FDSQ6A-L	FDSQ6B-L	FDSQ6C-L						
FDSQ8A-L	FDSQ8B-L	FDSQ8C-L						
FDSQ9A-L	FDSQ9B-L	FDSQ9C-L						
FDSQ13A-L	FDSQ13B-L	FDSQ13C-L						

Dimensions in mm

## Our other products



YG3  
HEAVY DUTY spur gear, Steel 35NCD6



BS3  
Panamech, Multi-Beam stainless steel, Stainless steel - with set screw



INSTool  
Insertion tool for self tapping inserts, Insertion tool



MHQMEP  
Arm with rotating handle, Square bore



ABL100000  
Antistatic brush, For sensitive surfaces



RTL450  
Self-centering locking assembly, High torque



SRG  
Adjustable latch clamp with strike plate, Stroke from 96mm to 121,7mm



SCH  
Horizontal hook toggle clamp, Horizontal Hook clamp - steel



DBC  
Panamech, Multi-Beam, Aluminium -



PFL  
P-FLEX Coupling, Set screw



BABT  
Hardened Stainless steel ball pin,



AC156-157  
Strike for toggle latch, 25.5mm

## Complementary products



FDS  
Flexible drive shaft, Masterflex® Steel, with PVC casing