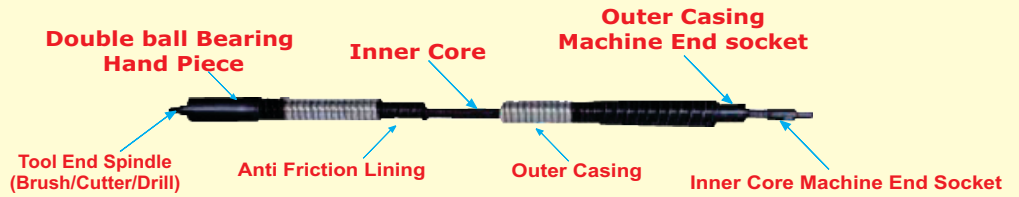


FLEXIBLE SHAFTS/DRIVES
(Outer Casing Round Or Interlock Design)



Flexible shaft is a complete mechanism capable of transmitting rotary power from the motor unit to the tool head or brush within the tube. The size of the flexible shaft is based on internal diameter (ID.) of the tube.

INNER WIRE CORE is flexible shaft's most important working element. It is designed and constructed to meet power drive operating conditions that include torque, speed, length and minimum bend radius. At the centre of the core is a single wire around which successive multi-stranded layers of wire are wrapped. Each layer is wound in the opposite direction and at right angles to the layer directly beneath it. The direction in which the wire on the outer most layer is wound determines the direction in which the shaft is designed to rotate.

OUTER CASING made of galvanized steel / rubber hose and internally reinforced with antifriction lining to support the wire core and resist helixing under torque loading. It does not rotate and it functions as a cover to protect the core.

HANDPIECE is attached to one end of the shaft, either detachable or fixed type, with threaded spindle to connect tool heads or brushes, with two nos ball bearing

MOTOR COUPLING is fitted to the other end of the shaft, either threaded type or pin type. The length of the flexible shaft required is the addition of the length of the longest tube plus the distance between the mouth of the tube and the position of the power unit.

INNER CORE MM (INCH)		12 - 13 (1 / 2")	15 - 16 (5.8")	19 (3 / 4")
OUTER CASING MM (INCH)		25 - 26 (1")	30 - 32 (1.1 / 4")	35 - 36 (1.3 / 8")
METER	FEET	CODE NO.	CODE NO.	CODE NO.
6.0	20.0	PFS - 1326 - 20	PFS - 1632 - 20	PFS - 1935 - 20
7.5	25.0	PFS - 1326 - 25	PFS - 1632 - 25	PFS - 1935 - 25
8.0	27.0	PFS - 1326 - 27	PFS - 1632 - 27	PFS - 1935 - 27
9.0	30.0	PFS - 1326 - 30	PFS - 1632 - 30	PFS - 1935 - 30
10.0	33.0	PFS - 1326 - 33	PFS - 1632 - 33	PFS - 1935 - 33
12.0	40.0	PFS - 1326 - 40	PFS - 1632 - 40	PFS - 1935 - 40
15.0	50.0	PFS - 1326 - 50	PFS - 1632 - 50	PFS - 1935 - 50
18.0	60.0	PFS - 1326 - 60	PFS - 1632 - 60	PFS - 1935 - 60
20.0	65.0	PFS - 1326 - 65	PFS - 1632 - 65	PFS - 1935 - 65
22.0	70.0	PFS - 1326 - 70	PFS - 1632 - 70	PFS - 1935 - 70
25.0	75.0	PFS - 1326 - 75	PFS - 1632 - 75	PFS - 1935 - 75
SPARES		CODE NO.	CODE NO.	CODE NO.
Inner Core		PIC - 1300	PIC - 1600	PIC - 1900
Outer Casing		POC - 2600	POC - 3200	POC - 3500
Ball Bearing Hand Piece Code		HP - 3000	HP - 3500	HP - 3800
Socket Inner Core Tool End		STE - 13T	STE - 16T	STE - 19T
Socket Inner Core Motor End (Screw Type)		SME - 13S	SME - 16S	SME - 19S
Socket Inner Core Motor End (Pin Type)		SME - 13P	SME - 16P	SME - 19P
Socket Outer Casing Tool End		STE - 26	STE - 32	STE - 35
Socket Outer Casing Motor End		SME - 26	SME - 32	SME - 35
Tool End Bearing Spindle		BS - 1326	BS - 1632	BS - 1935

FLEXIBLE SHAFT SPARES



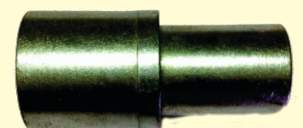
DETACHABLE TYPE BALL BEARING HANDPIECES



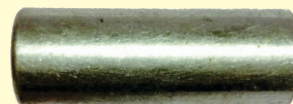
FIXED TYPE PLAIN END BEARING HANDPIECE



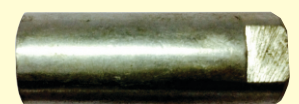
SOCKET OUTER CASING TOOL END



SOCKET OUTER CASING MOTOR END



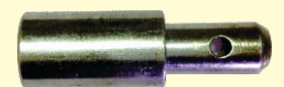
SOCKET INNER CORE TOOL END



SOCKET INNER CORE MOTOR END



TOOL END BEARING SPINDLE SCREW TYPE



SOCKET INNER CORE MOTOR END PIN TYPE



STD 1/2 MOTOR ADAPTOR



SHEAR PIN

Powerflex Heavy Duty Interlocking Flexible Shafts

The interlocking metallic cover/outer casing are made with flat spiral steel inner lining. To prevent undue bending of the casing, either at the motor end or at the headpiece end, external flat spiral strengtheners are also provided where possible