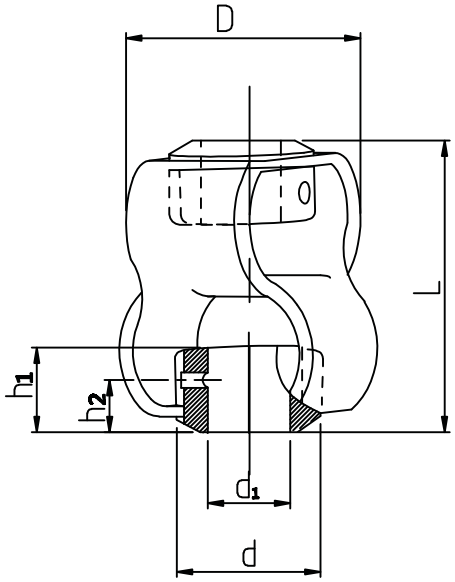
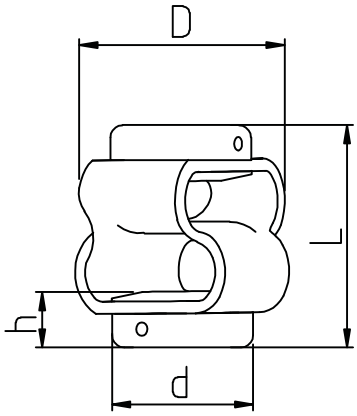
PUFLEX EC couplings are the three piece assembly of 2 no. Steel hubs and one Special Grade Polyurethane element. These three pieces are assembled to complete the PUFLEX EC coupling. After assembly these couplings becomes sufficient flexible, backlash-free, positive motion transmitting fail safe coupling elements. Due to Polyurethane element, both the metallic hubs are separated from each other to avoid there physical contact. This helps to avoid the electrical and frequency isolation of both the connected driver and driven elements.

Applications : Shaft Encoders, Stepper Motors, Tachogenerators

Benefits:

Flexible, Backlash-free, No maintenance, No Lubrication, Failsafe,
Uniform & Positive motion and power transmission, Electrical and frequency isolation, Available in pilot bore and finish bores and key-ways.





Size	Outer Dia.	Hub Dia.	Hub. Length	Length	Bore Size mm		Max. Misalignment			Max.	Max.	Torsional
PUFlex EC	D mm	d mm	h mm	L mm	Min. d1	Max. d2	Radial mm	Angular	Axial mm	Torque Nm	RPM	Stiffness Nm/rad
10	26.00	19.00	8.00	28.00	5.00	10.00	2.6	10	1.2	0.5	3000	5
20	38.00	23.00	9.50	35.00	6.00	12.00	3.2	10	2.0	1.5	3000	10
30	48.00	26.00	13.00	48.00	8.00	14.00	3.2	12	2.0	2.0	3000	13
40	56.00	28.00	16.00	58.00	10.00	16.00	3.2	12	2.0	5.0	3000	17

Ordering Code:
PUFlex EC XX-YY-ZZ
XX: Size of Coupling
YY: Inner Diameter of first side
ZZ: Inner Diameter of second side.

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