

PRODUCT INFORMATION



UNIVERSAL JOINTS

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Material	Steel: ASTM AISI 1045, 4140, EN8, EN24
	Stainless steel : AISI 304, 316, 316L, 420
Types	Single Universal Joint, Double Universal Joint
	Telescopic Universal Joint
	Needle Bearing Type, Block & Pin Type.
Bore Size / Shaft Diameter	6 mm – 200 mm
Torque Range	Up to 100,000 Nm (depending on type & size)
Norm	ANSI/ASME, AGMA/SAE J901, DIN, ISO and equivalent
Class/Pressure/Loading Rating	
Operating angle	Up to 45° (single) / 90° (double)
Speed	Up to 4000 rpm (depending on design)
Torque Capacity	Light duty (10 Nm) to heavy duty (100 kNm)

Applications:

Marine Industry

Shaft connections in pumps
Winches, steering systems,
Compressors, propulsion systems

Oil & Gas

Drilling equipment
Pumping systems
Valve actuation

Industrial Machinery

Printing, packaging, textile
Conveyors, heavy machinery

Automotive & Railways

Driveshafts
Steering shafts

Properties :

High torsional strength
Misalignment compensation between shafts
Smooth torque transmission
Corrosion resistance (in stainless steel grades)
Shock & vibration absorption
Long service life with proper lubrication