

# Universal Joints

Power Transmission Product

## Single Universal Joints



Model	ØD (Outer Dia) mm	Ød (Inner dia) mm	Total Length mm	Static torque Nm
US 13	13	6.5	34	21
US 16	16	8	40	40
US 20	20	10	48	80
US 22	22.5	11	52	90
US 25	25	12	56	118
US 28	28	14	62	170
US 32	32	16	68	250
US 36	36	18	72	355
US 40	40	20	82	500
US 45	45	22	95	630
US 50	50	25	108	800
US 56	56	28	122	1320
US 63	63	30	166	1500

## Double Universal Joints



Model	ØD (Outer Dia) mm	Ød (Inner dia) mm	Total Length mm	Static torque Nm
UD 13	13	6.5	54	21
US 16	16	8	63	40
UD 20	20	10	77	80
UD 22	22.5	11	81	90
UD 25	25	12	89	118
UD 28	28	14	97	170
UD 32	32	16	107	250
UD 36	36	18	115	355
UD 40	40	20	128	500
UD 45	45	22	148	630
UD 50	50	27	167	800
UD 56	56	28	188	1320
UD 63	63	30	256	1500

## Expandable Universal Joints



Model	ØD (Outer Dia) mm	Ød (Inner dia) mm	Spline mm			Static torque Nm
UE 20	20	10	11	14	3	80
UE 22	22.5	11	11	14	3	90
UE 25	25	12	13	16	3.5	118
UE 28	28	14	13	16	3.5	170
UE 32	32	16	16	20	4	250
UE 36	36	18	16	20	4	355
UE 40	40	20	18	22	5	500
UE 45	45	22	21	25	5	630
UE 50	50	25	23	28	6	800
UE 56	56	28	23	28	6	1320
UE 63	63	30	26	32	6	1500

## Ordering Example

S/D/E - Code / Bore Type	
Single Universal Joint	US 13 / CBK
Double Universal Joint	UD 13 / CB
Expandable Universal Joint	Stroke Length for Expandable

Bore Type	
Cylindrical Bore	CB
Cylindrical Bore and Keyway	CBK
Square Bore	SB
Hexagonal Bore	HEX

## Materials of Construction

Fork : Alloy Steel / SS / Polymer  
 Needle bearings : For high speed application (optional)



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## Applications

### 1. Medical equipment manufacturers

- Diagnostic Equipment
- Surgical Tables, Beds, Equipment Stands, Wheel Chairs
- Laboratory Equipment



### 2. Agriculture

- Drive Shafts

### 3. Machines

- CNC Machines
- Wood cutting machines
- Steel slitting lines
- Textile machinery
- Robots



### 4. Defence

- Launchers
- Fire equipment
- Radar movement
- Weapons Systems

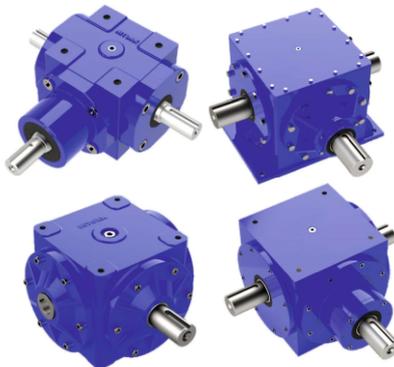


### 5. Logistics

- Material Handling Equipment
- Automated Storage

## Other Power Transmission Products - Miter Gearbox

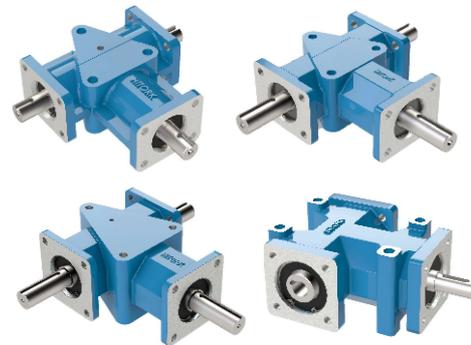
### Bevel Gearboxes



### Variants

- Spiral Bevel Gearbox
- Stainless Steel version
- Speed increasers
- Different speed ratios

### L/T Drives



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