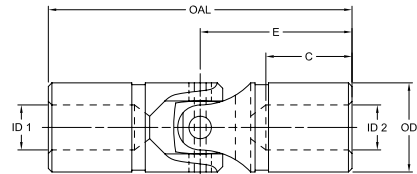


D Type 303 Stainless

- Made from 303 stainless steel
- Ideal for applications with exposure to corrosive chemicals, corrosive atmosphere, or sanitation requirements are a factor
- Available in sizes: 4, 6, 8, 10 and 12 (Other sizes are quantity dependent)
- Available in your choice of round, hex, splined, or keyway bore
- Boot retaining grooves are standard. See page UJ-11 for selection of on-site replaceable universal joint boots
- Lubrication is required for optimal wear – boots and lubricant extend universal joint life
- Contact Lovejoy Engineering if you have specific questions or requirements



D-SS Type



D Type 303 Stainless Dimensional Data

Size		OAL in	E Main Pin Height in	C Bore Depth in	Std Bore in	ID1 - ID2						OD in	Static* Breaking Torque		Weight	
Solid	Bored					Max Bore No Keyway in mm	Max Bore with Keyway in mm	Max Square/Hex Hole ³ in mm	in	mm	in		mm	in-lb	Nm	Solid lbs
D-4SS	D-4SSB	2.68	1.34	.88	.38	.62	15	.44	11	.38	9	.75	512	58	.30	.25
D-6SS	D-6SSB	3.38	1.68	1.00	.50	.75	19	.56	13	.50	12	1.00	1,040	117	.62	.55
D-8SS	D-8SSB	3.75	1.88	1.06	.62	1.00	25	.75	18	.62	15	1.25	3,480	393	1.11	.94
D-10SS	D-10SSB	4.25	2.12	1.18	.75	1.12	28	.88	21	.75	19	1.50	5,280	597	1.80	1.50
D-12SS	D-12SSB	5.44	2.72	1.50	1.00	1.50	38	1.19	30	.88	22	2.00	10,400	1 175	4.20	3.50

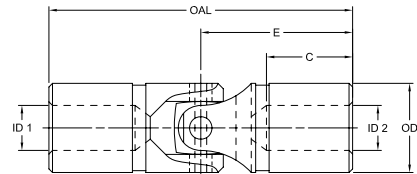
- Notes:
- * indicates: This is not recommended operating torque.
 - 3 indicates: Square and hex bore measured across the flats.
 - Keyways, set screws, pin holes, or bores other than standard available at additional charge.
 - Maximum operating angle for transmission of power is 25°.
 - Applications that fall outside the limitations of these tables should be referred to Lovejoy Engineering for assistance.

Needle Bearing (NB) Type

- Designed with high quality, pre-lubricated, and sealed needle bearings
- Ideal for applications up to 25° of angular misalignment and speeds up to 6,000 RPM
- Available in sizes: 6, 8, 10 and 12 (Other sizes are quantity dependent) with your choice of round, hex, splined, or keyway bores
- Boot retaining grooves are standard. See page UJ-11 for selection of on-site replaceable universal joint boots
- Lubrication is required for optimal wear – boots and lubricant extend universal joint life



NB Type



Needle Bearing Type Dimensional Data

Size		OAL in	E Main Pin Height in	C Bore Depth in	Std Bore in	ID1 - ID2						OD in	Static* Breaking Torque		Weight Solid lbs
Solid	Bored					Max Bore No Keyway in mm	Max Bore with Keyway in mm	Max Square/Hex Hole ³ in mm	in	mm	in		mm	in-lb	
NB-6	NB-6B	3.38	1.68	1.00	.50	.75	19	.56	13	.50	12	1.00	1,150	130	.53
NB-8	NB-8B	3.75	1.88	1.06	.62	1.00	25	.75	18	.62	15	1.25	2,500	282	.91
NB-10	NB-10B	4.25	2.12	1.18	.75	1.12	28	.88	21	.75	19	1.50	4,400	497	1.50
NB-12	NB-12B	5.44	2.72	1.50	1.00	1.50	38	1.19	30	.88	22	2.00	10,500	1 186	3.40

- Notes:
- * indicates: This is not recommended operating torque.
 - 3 indicates: Square and hex bore measured across the flats.
 - Maximum operating angle for transmission of power is 25°.
 - For greater angular operation, use double universal joint. Join two universal joints back to back and connect with a short shaft. Attach universal joints to shaft by drilling and pinning.
 - Swing Diameter is the maximum diameter over bearings, clearance must be allowed.