

UD BUSHES

Description:

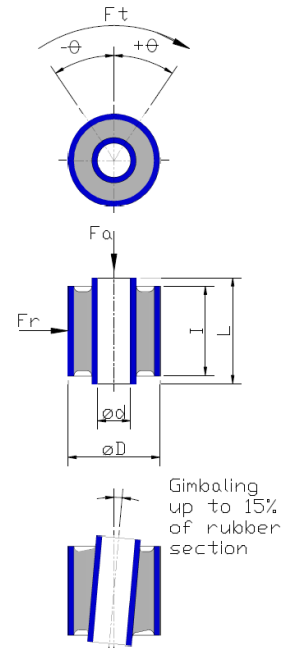
Vibracoustics Ltd UD Bushes are maintenance free flexible bearing units designed to reduce energy transmission into structures. Manufactured using first grade natural rubber compounds fully bonded to both inner and outer sleeves. They are pre-stressed for maximum fatigue life and provide excellent performance in radial, axial, and torsional directions.

Typical Applications Include:

- High performance vehicle suspension bearings.
- Heavy plant drive couplings.
- Elastic bearings for shafts and linkages.
- Torque-arm linkage bearings.



Part No.	Dimensions (mm)				Nominal Maximum Values					
					Torsion (Ft)		Axial (Fa)		Radial (Fr)	
	d	D	I	L	(Nm)	Θ°	(Kn)	(mm)	(Kn)	(mm)
VS10168	8	20	35	40	3.2	7	0.7	1.4	2.7	0.4
VS10305	8	22	12	20	1.1	7	0.23	1.6	0.45	0.4
VS10036	10	20	20	24	2	3.5	0.41	0.6	2.8	0.2
VS10337	10	22	15	16	2	3.5	0.28	1	1.2	0.3
VS10156	10	22	18.5	20.5	2.7	5.2	0.28	0.6	2.1	0.3
VS10037	10	22	20	24	3	5	0.53	1	1.8	0.3
VS10039	10	25	20	24	2.9	6.6	0.55	1.6	1.9	0.5
VS10040	12	22	24	28	4	4.3	0.6	0.7	1.3	0.2
VS10287	12	24	36	37	6	5.6	0.95	1.2	4.7	0.3
VS10041	12	25	24	28	4.7	5.4	0.65	1.2	3.7	0.5
VS10043	12	28	24	28	4.2	6	0.48	1.2	2.7	0.6
VS10157	12	30	17	18	3	7.4	0.3	1.5	0.9	0.6
VS10044	12	30	24	28 ±0.5	4.5	7.2	0.48	1.4	1.65	0.6
VS10169	12	30	36	40	7	7.5	0.78	1.5	2.4	0.6
VS10158	12	32	55	59	11	7.7	1.8	2.4	7.6	0.9
VS10047	14	32	28	32	7	6.7	1.1	2	2.4	0.6
VS10048	14	35	28	32	6	7.5	0.64	1.5	1.6	0.6
VS10049	14	40	28	34	7	8.6	1.2	3.6	0.9	1.2
VS10050	16	30	32	38	10	5.2	1.2	1.4	5.5	0.4
VS10159	16	32	16	17	5	5.6	0.6	1.6	1.1	0.6
VS10054	16	40	32	38	10	8.1	1	2.5	2.4	0.9
VS10170	18	32	20	20	7.3	4.4	0.65	1.2	4	0.4
VS10171	18	34	25	25	9.2	5.3	1	1.6	2.6	0.6
VS10055	18	34	36	42	13	5.3	1.26	1.2	5.05	0.4
VS10060	20	38	40	46	19	5.3	1.7	1.8	8.2	0.5
VS10288	20	40	36	36	16.6	6	1.6	2.2	6.3	0.6
VS10061	20	40	40	46	19	5.9	1.8	2.2	7.9	0.6
VS10224	20	44	38	42	18	7	2.1	3	4	0.8
VS10181	20	45	30	30	14	7.1	1.1	2	3.7	0.9
VS10064	20	45 u11	40	46	19	7.4	1.75	2.7	5.4	1
VS10127	20	45	64	70	30	7.2	3.6	3.2	17.5	1.2



Tolerance and Fit of Bushes:

Length L = + / - 0.3mm
 Length I = + / - 0.5mm
 Inner sleeve bore d = H9
 Fitted Bolt diameter = z8

Outer sleeve diameter
 D = u10 (unless stated)

Housing bore = H8
 (for Fa Max)