



L1371

BALL SCREW & NUTS

Material

Steel (16MnCr5 or 100Cr6), with Vulkolan seals.

Technical Notes

Axial play for 5mm pitch = 0,05mm; for 10mm pitch = 0,10mm; for multi-starts = 0,20mm.
Preload max. 5% of max. dynamic load.

For axial run-out, concentricity and parallelism figures see technical pages.
With lubrication and fixing holes.
For use with ball screws no. L1375.

Tips

For miniature ball screws $\text{Ø}6$ to $\text{Ø}14$ see part no. L1379.

Important Notes

Fit ball nut to screw using the sleeve provided. Offer up the ball nut to the screw and slide carefully on. Do not remove the ball nut from the sleeve provided - the ball bearings can come loose rendering the ball nut unusable.

Order No.	d_1 for screw	Pitch	d_2 tol. G6	d_3	d_4	d_5 for	d_6	l_1	l_2	w_1 ± 0.15	Ball dia.	Dyn. load C kN max.	Static load C_0 kN max.	Stiffness N/ μ m
L1371.16-05	16	5	28	48	38	M 6	5.5	100	10	40	3.175	13.53	29.93	431
L1371.20-05	20	5	36	58	47	M 6	6.6	85	10	44	3.175	15.21	38.00	519
L1371.25-05	25	5	40	62	51	M 6	6.6	86	10	48	3.175	16.91	48.09	608
L1371.25-10	25	10	40	62	51	M 6	6.6	130	12	48	4.762	28.96	71.54	657
L1371.32-05	32	5	50	80	65	M 6	9.0	87	12	62	3.175	18.85	62.21	725
L1371.32-10	32	10	50	80	65	M 6	9.0	145	12	62	6.350	47.12	119.72	804
L1371.40-05	40	5	63	93	78	M 8	9.0	90	14	70	3.175	20.69	78.34	853
L1371.40-10	40	10	63	93	78	M 8	9.0	148	14	70	6.350	52.95	152.00	970
L1371.50-10	50	10	75	110	93	M 8	11.0	148	16	85	6.350	58.88	192.35	1147
L1371.63-10	63	10	90	125	108	M 8	11.0	153	18	95	6.350	65.89	248.68	1362
L1371.80-10	80	10	105	145	125	M 8	13.5	153	20	110	6.350	72.04	313.36	1529