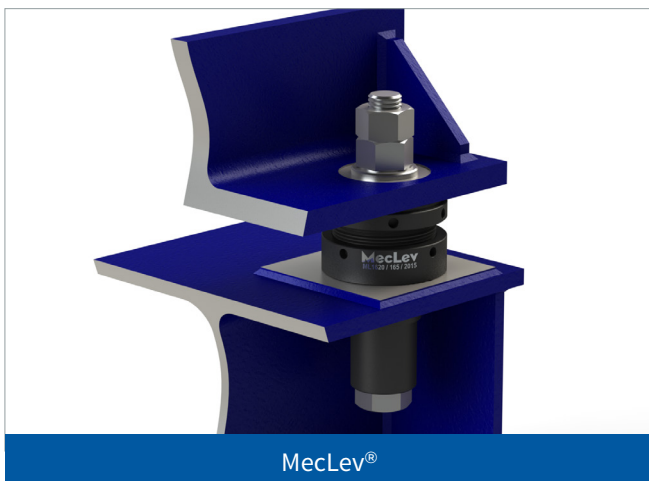


MECLEV® (MECHANICAL LEVELLING)

The MecLev® is an adjustable and re-usable steel mounting chock, that can be used for mounting all types of rotating or critically aligned machinery. The MecLev® is a mechanical stiff chock that is very easy to install and makes machinery alignment more simple, accurate and quick! The self-levelling feature (spherical top part adjust itself to the correct angle when installing the element) in combination with height adjustment, helps eliminate the risk of soft foot problems underneath your machinery!

WHY USE MECLEV® INSTEAD OF EXISTING SOLUTIONS?

- MecLev® elements help to align and re-align your machinery quick and accurate
- MecLev® guarantees fast and simple elimination of soft foot under your machinery
- MecLev® elements eliminate time consuming and expensive machining of steel chocks
- MecLev® elements eliminate the extra work required when installing epoxy resin chocks
- MecLev® elements are re-usable
- MecLev® elements are self-levelling
- MecLev® elements can handle angular difference between machine foot and foundation up to 4°
- MecLev® offers the highest adjustable range on the market for adjustable chocks
- MecLev® offers the highest rated load on the market for adjustable chocks
- MecLev® offers the best mechanical properties on the market for adjustable chocks
- MecLev® elements are designed by people with more than 25 years of field experience



SOME APPLICATIONS

- Compressors
- Engines
- Electric engines
- Generators
- Pumps
- Gearboxes
- Fans
- Machining tools

THE MECLEV® DESIGN

Years of field experience, combined with the newest calculation methods have resulted in an exceptional design with already proven success, making MecLev® the best adjustable chock design on the market.

STANDARD SURFACE TREATMENT

All standard steel MecLev® elements are treated with a QPQ treatment (Quench Polish Quench), which gives the elements its gunmetal look. The element parts are individually treated to achieve the highest quality.

As an extra protection against corrosion and debris in the thread, we advise you to treat the elements with tectyl or similar protective product to increase the elements lifecycle to a maximum.

The QPQ treatment gives the MecLev® some important mechanical benefits

- High resistance against corrosion;
- High resistance against metal fatigue;
- High wear resistance;
- Low surface roughness, Ra0,5.
(results in smooth running parts!)

SELECTING YOUR MECLEV®

MecLev size	Bolt size	Tightening torque	Bolt size	Tightening torque	Bolt size	Tightening torque	Minimal height	Nominal height	Maximum height	Minimum reduced height	Maximum extended height	Bolt hole	Outside diameter	Key holes	Pitch	Rated load	Weight
-	M	Nm	M	Nm	M	Nm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	Kg
ML-1216	12	81	14	129	16	200	30,0	34,0	38,0	23	55	17	55	5	2	120	0,5
ML-1620	16	200	18	287	20	405	35,0	41,5	48,0	23	75	21	75	6	2	165	1,1
ML-2024	20	405	22	556	24	698	40,0	46,5	53,0	28	95	25	95	8	2	245	2
ML-2430	24	698	27	1033	30	1402	45,0	53,0	61,0	30	115	31	115	8	2	320	3,3
ML-3036	30	1402	33	1898	36	2439	50,0	58,0	66,0	35	130	37	130	8	2	500	4,6
ML-3642	36	2439	39	3159	42	3904	55,0	63,0	71,0	40	150	44	150	8	2	700	6,7
ML-4248	42	3904	45	4876	48	5897	60,0	68,0	76,0	45	180	50	180	10	2	955	10,5
ML-4856	48	5897	52	7579	56	9454	70,0	79,0	88,0	53	210	60	210	10	3	1265	16,8
ML-5664	56	9454	60	11729	64	14119	75,0	84,0	93,0	58	220	66	220	10	3	1490	19,6
ML-6472	64	14119	68	*	72	*	80,0	89,0	98,0	63	240	74	240	10	3	1840	27,5

TIGHTENING TORQUE ACCORDING VDI 2230

COOPERATING
PARTNERS



MORE DETAILED INFORMATION AND MOUNTING INSTRUCTIONS?

Please visit our website (www.meclev.com) or contact your local MecLev® dealer!