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Vibracon – self-leveling chocks with precisely and easily adjustable height

1. Structure

- self-leveling bearing with adjustable height made of: steel, stainless steel or alloy steel

2. Characteristics

- reliable, heavy-duty and reusable solution for leveling and fixing machinery position,
- the most economic way to achieve excellent assembly position,
- easy and precise adjusting,
- eliminates necessity of extra work as with resin chock,
- eliminates necessity of do-and-test chock production, repeatable solution possible to apply almost everywhere,
- can be sued for assembly of moving elements,
- possible to readjust after assembly,
- compensates up to 4° of angular misalignment,
- low coefficient of friction,
- possible to order in special design and with various accessories,
- recommended to use with spherical washers (available for every size),
- possibility to order as a complete solution set with recommend screws and tightening torque.

3. Applications

- fixing of heavy machinery, engines, rotors, constructions, frames, etc.

4. Availability

- ex stock: standard dimensions made of steel and stainless steel,
- to order: low-profile and alloy steel products.

5. Series range

Vibracon type	Screw size	Tightening torque	Screw size	Tightening torque	Machine load	Maximum element load	Minimum height	**Nominal height (A)**	Minimum reduced height	Maximum extended height	Screw hole	**Diameter**	Key holes	Pitch	Weight
unit	mm	Nm	mm	Nm	kN	kN	mm	**mm**	mm	mm	mm	**mm**	mm	mm	kg
SM12	M12	85	M14	110	8	48	30	**34**	23	60	15	**60**	6	1	0,6
SM16	M16	215	M18	270	15	90	35	**40**	26	80	19	**80**	6	1,5	1,2
SM20	M20	420	M22	500	25	140	40	**45**	31	100	23	**100**	8	2	2,2
SM24	M24	730	M27	890	35	200	45	**51**	34	120	28	**120**	8	2	3,5
SM30	M30	1460	M33	1745	60	325	50	**56**	39	140	34	**140**	10	2	5,3
SM36	M36	2570	M39	3000	90	475	55	**61**	44	160	40	**160**	10	2	7,5
SM42	M42	4125	M45	4995	120	675	60	**66**	49	190	46	**190**	10	2	12
SM48	M48	6210	M52	7175	160	850	70	**77**	56	220	54	**220**	10	3	17
SM56	M56	10035	M60	10360	225	1150	75	**82**	61	230	62	**230**	12	3	23
SM64	M64	15165	M68	16320	300	1500	80	**87**	66	250	70	**250**	12	3	27

6. Manufacturer's drawing