

art.SLV...RB+CQA/L

mod.RB...S1

Specific usage

“RB” series levelling Stabiliser 20/60

Fitting by perimetral welding of the nut under the machine, **Adjustment from below.**

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

Comprising:

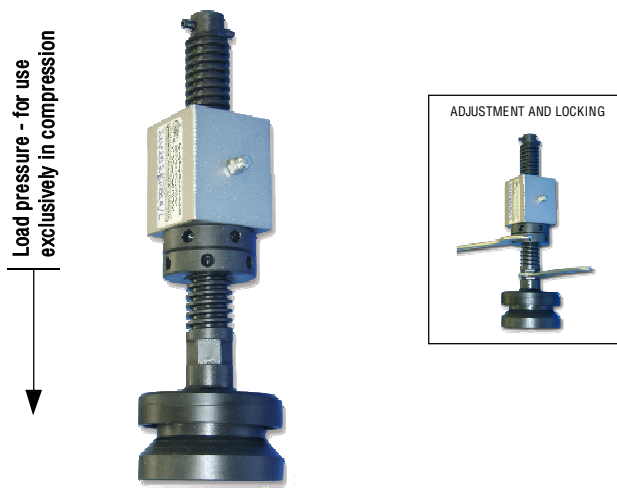
- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- Protective cover on foot.
- 2 Locking rings GH/TR.
- CQA/L nut with grease nipple.
- (optional) Round nosed pin wrench.

Fitting under the machine base with top of screw inserted in a hole (of “d ϕ ” like the following **mod.RB S2**) and welding the nut perimeter to the machine with a minimum welding section of 5 mm \blacktriangle using specific *Castolin “EC 4080”* electrodes, available from us. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

The **maximum static load** is not shown on the data table in that fitting this product by welding between the machine base and nut is not suitable for particularly heavy loads because, if overloaded, the welding may come apart.

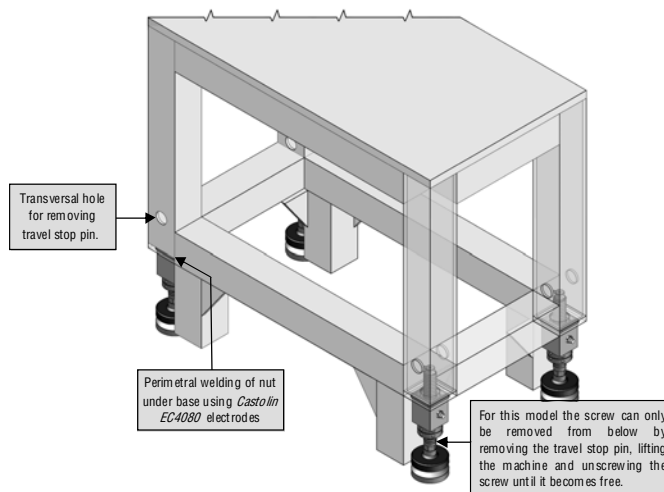
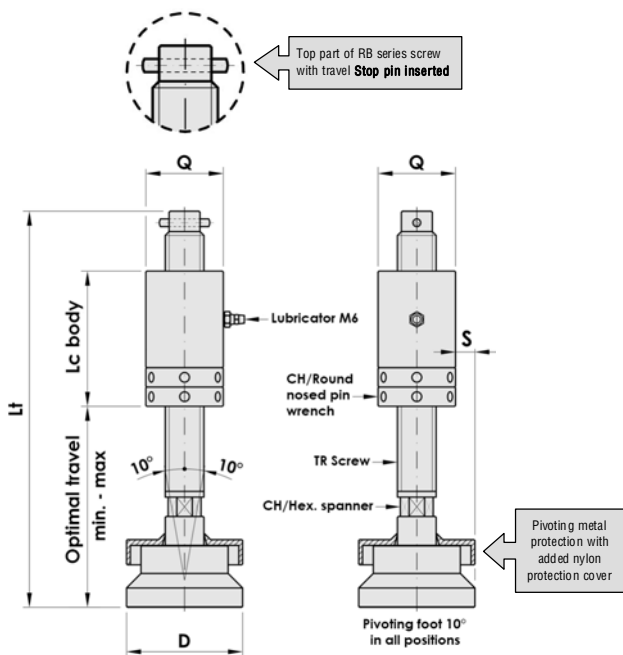
For similar applications, but having heavier loads to support in safety, we recommend the Stabilisers detailed on the following pages.

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

Illustration of a machine base using levelling Stabilisers art.SLV...RB+CQA/L mod.RB...S1



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base. .
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

IMPORTANT: respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	Lt	OPTIMAL TRAVEL		LC	Q	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
				# minimum	maximum								
TR 20x4	2RB0320	SLV20 RB+CQA/L	206	80	110	80	40	60	10	17	40/42	*	1,460
TR 25x5	2RB0325	SLV25 RB+CQA/L	226	90	120	89	45	65	10	22	45/50	*	2,080
TR 30x6	2RB0330	SLV30 RB+CQA/L	236	100	130	98	50	70	10	24	45/50	*	2,790
TR 35x6	2RB0335	SLV35 RB+CQA/L	281	110	140	112	60	75	7,5	30	58/62	*	4,420
TR 40x7	2RB0340	SLV40 RB+CQA/L	290	115	155	116	60	80	10	32	58/62	*	4,970
TR 45x8	2RB0345	SLV45 RB+CQA/L	328	120	160	140	65	85	10	36	68/75	*	6,710
TR 50x8	2RB0350	SLV50 RB+CQA/L	375	130	170	150	75	90	7,5	41	68/75	*	9,640
TR 55x9	2RB0355	SLV55 RB+CQA/L	401	140	200	168	85	100	7,5	46	80/90	*	12,810
TR 60x9	2RB0360	SLV60 RB+CQA/L	401	140	200	168	85	100	7,5	46	80/90	*	13,680

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