

art.SLV...RB+STC

mod.RB...S3

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.
- 2 Locking rings GH/TR.
- Short tubular support.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- (optional) Round nosed pin wrench.

**Fitting** by making a hole of “d $\phi$ ” in the base and welding a minimum section of 5 mm  $\blacktriangle$  around the perimeter of the iron (Fe) tube with 4 reinforcing triangles to the tube itself. Possibility of changing the nut by simply un-welding it. 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** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

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).

**Symbols:**

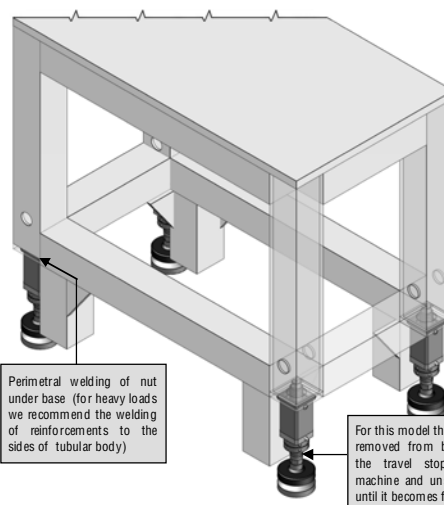
**FS** = Threaded holes on both sides of the tube for removing the stop pin and for lubrication, normally closed with caps.

Load pressure - for use exclusively in compression

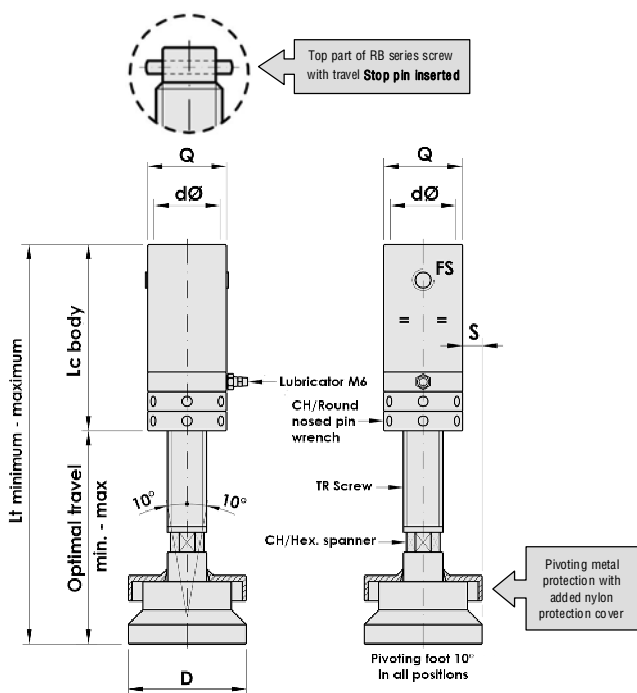


Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon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

Illustration of a machine base using levelling Stabilisers art.SLV...RB+STC mod.RB...S3



- 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. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	Q	d $\phi$	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			minimum	maximum	# minimum	maximum									
TR 20x4	2RB0520	SLV20 RB+STC	175	205	80	110	95	40	Ø32	60	10	17	40/42	5.000	1,470
TR 25x5	2RB0525	SLV25 RB+STC	194	224	90	120	104	45	Ø37	65	10	22	45/50	8.000	2,070
TR 30x6	2RB0530	SLV30 RB+STC	213	243	100	130	113	50	Ø42	70	10	24	45/50	11.000	2,800
TR 35x6	2RB0535	SLV35 RB+STC	242	272	110	140	132	60	Ø52	75	7,5	30	58/62	17.000	4,360
TR 40x7	2RB0540	SLV40 RB+STC	251	291	115	155	136	60	Ø52	80	10	32	58/62	20.000	4,910
TR 45x8	2RB0545	SLV45 RB+STC	288	328	120	160	168	65	□ 60	85	7,5	36	68/75	28.000	7,200
TR 50x8	2RB0550	SLV50 RB+STC	313	353	130	170	183	75	□ 70	90	5	41	68/75	37.000	10,390
TR 55x9	2RB0555	SLV55 RB+STC	341	401	140	200	201	85	□ 80	100	5	46	80/90	45.000	13,660
TR 60x9	2RB0560	SLV60 RB+STC	341	401	140	200	201	85	□ 80	100	5	46	80/90	56.000	14,550