art.SLV...RB+STC+FR/FF **mod.RB...S5** **Specific usage**

"RB" series levelling Stabiliser 20/60

With rectangular threaded plate for welding under the machine base and then bolting the stabiliser to it or alternatively by bolting the Stabiliser directly to the machine, **adjustment from below.**

The Stabiliser can be removed by undoing the fitting bolts and lifting the machine sufficiently to allow its extraction.

Comprising:

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Short tubular support with holed plate **S1**. Threaded plate **S2**.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- Fitting bolts.
- *(optional) Round nosed pin wrench.*

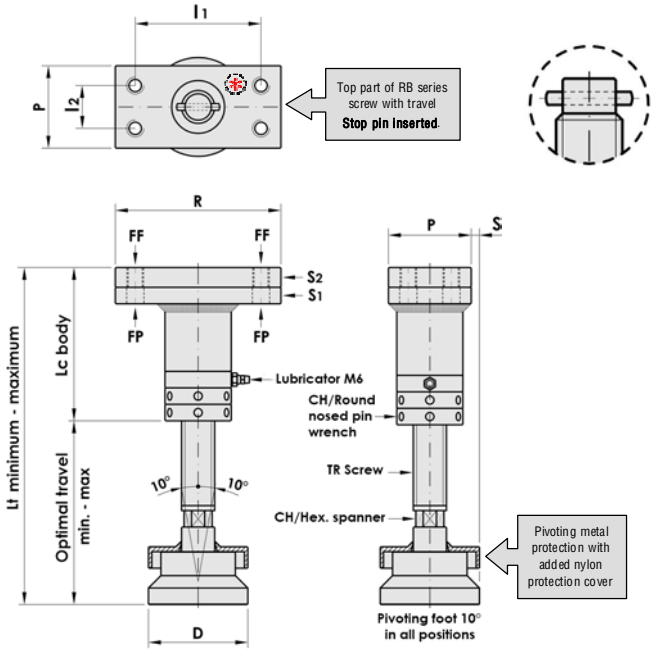
Fitting by making a hole (of "dØ" as in the previous **mod.RB S4**) welding a minimum section of 5 mm ◣ of the threaded iron (Fe) plate **S2** to the base or alternatively bolting plate **S1** directly to the machine base. Possibility of removing the Stabiliser by undoing the fitting bolts. Normally 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.

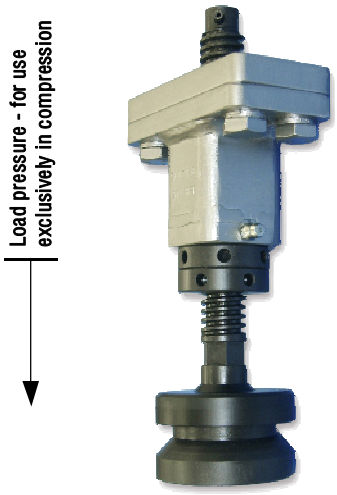
The maximum static load in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

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:

S1 = *Plate with through holes* **FP**
S2 = *Plate with threaded holes* **FF** (plate excludable at client's request)

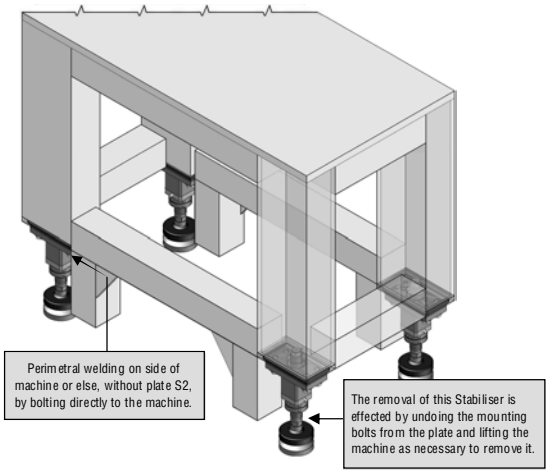




Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon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

The **S1** and **S2** plates are marked by us as pairs to help the user during installation or maintenance.

Illustration of a machine base using levelling Stabilisers
art.SLV...RB+STC+FR/FF mod.RB...S5



- 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.

TAPEZOIDAL SCREW	CODE	ARTICLE	Lt. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	R	P	l1	l2	FP N.4	FF N.4	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			min.	max.	# min.	max													
TR 20x4	2RB0720	SLV20 RB+STC+FR/PFF	173	203	80	110	93	100	50	76	26	Ø10,5	M10	60	5	17	40/42	5.000	2,180
TR 25x5	2RB0725	SLV25 RB+STC+FR/PFF	192	222	90	120	102	120	60	96	36	Ø10,5	M10	65	2,5	22	45/50	8.000	3,090
TR 30x6	2RB0730	SLV30 RB+STC+FR/PFF	211	241	100	130	111	120	60	96	36	Ø10,5	M10	70	5	24	45/50	11.000	3,734
TR 35x6	2RB0735	SLV35 RB+STC+FR/PFF	240	270	110	140	130	150	80	120	50	Ø13	M12	75	- 2,5	30	58/62	17.000	6,420
TR 40x7	2RB0740	SLV40 RB+STC+FR/PFF	249	289	115	155	134	150	80	120	50	Ø13	M12	80	0	32	58/62	20.000	6,880
TR 45x8	2RB0745	SLV45 RB+STC+FR/PFF	276	316	120	160	156	150	80	120	50	Ø15	M14	85	2,5	36	68/75	28.000	9,030
TR 50x8	2RB0750	SLV50 RB+STC+FR/PFF	296	336	130	170	166	170	100	135	65	Ø15	M14	90	- 5	41	68/75	37.000	12,800
TR 55x9	2RB0755	SLV55 RB+STC+FR/PFF	332	392	140	200	192	200	100	160	80	Ø17	M16	100	0	46	80/90	45.000	18,360
TR 60x9	2RB0760	SLV60 RB+STC+FR/PFF	332	392	140	200	192	200	120	160	80	Ø17	M16	100	0	46	80/90	56.000	19,190