Security & inspection

Protect downtime & people

> Judging by the application, I would recommend the electric SIFA-Option as a solution.
>
> 13:56 – Peter Gridling | Sales manager

> The safety of our customers must not be the only thing that is guaranteed. We need a device that will alert our ground personnel if the device has a certain amount of wear.
>
> Which should also be designed for non-technicians.
>
> 14:28 – ZIMM customer

> The ZIMM SIFA-S monitoring system saves you time and money in the long term. Maintenance or replacement is virtually guaranteed by monitoring wear.
>
> 14:36 – Peter Gridling | Sales manager

Safety nut

ZE-SIFA | translating & rotating screw

Tr SIFA-S visual

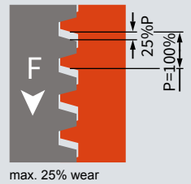
Tr SIFA-S electric

Tr SIFA-R visual

Tr SIFA-R electric

Technical data

Wear:
Once the wear exceeds max. 25% of the screw pitch, the load nut (R version) or the gearbox (S version) must be replaced.



max. 25% wear

Monitoring:
Wear and thread play should be checked and documented at regular intervals (depending on the duty cycle). This allows the fitting of replacement parts to be planned ahead, reducing unscheduled system downtime.

Electrical monitoring:
Electrical monitoring gives a signal when wear reaches approx. 25%. This signal can be displayed immediately at a central control point. Replacement of the worn parts can then be scheduled.

A safety nut is designed for use where stripping and break up of the thread could cause a hazard to a person or people.
A safety nut can also provide protection for other equipment against the consequences of machine failure and downtimes.

Screw jacks TrØxP	Pitch P mm	max. permissible wear/ thread play* (25% of P) mm
Tr16x4, Tr18x4, Tr20x4	4	1
Tr30x6	6	1,5
Tr40x7	7	1,75
Tr55x9, Tr60x9	9	2,25
Tr70x12	12	3
Tr80x16	16	4

Identical for double pitch screw (same thread flank thickness)