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industrial  
range

maXtensor<sup>®</sup>  
pro

The professional guarantee:  
maximum tension, maximum  
resistance, maximum viability





**max tensor**  
pro

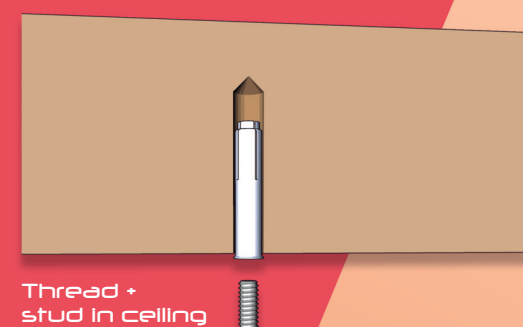
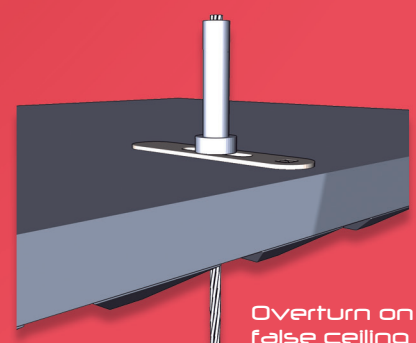
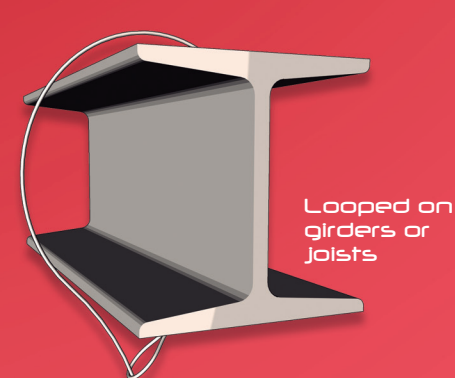
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The adjustable/detachable tensor (mx2-ind) is the main element of the MaxTensor MX2-ind suspension system. Its aesthetics, simplicity and easy usage together with a high level of safety guarantee professional installations in any type of situation.



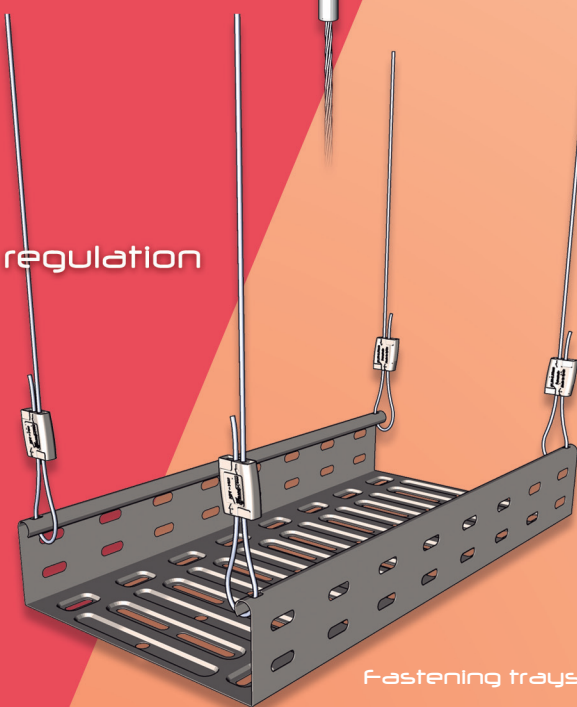
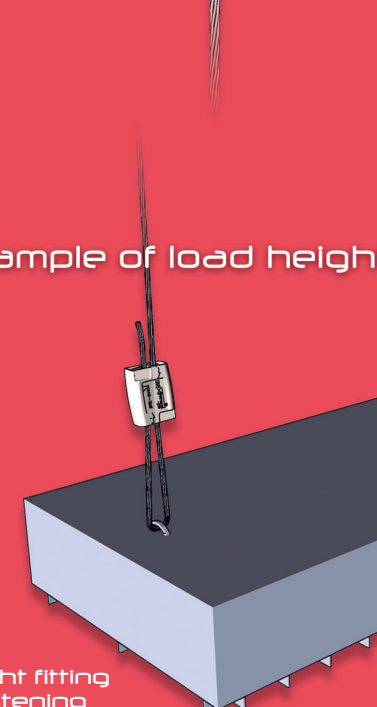
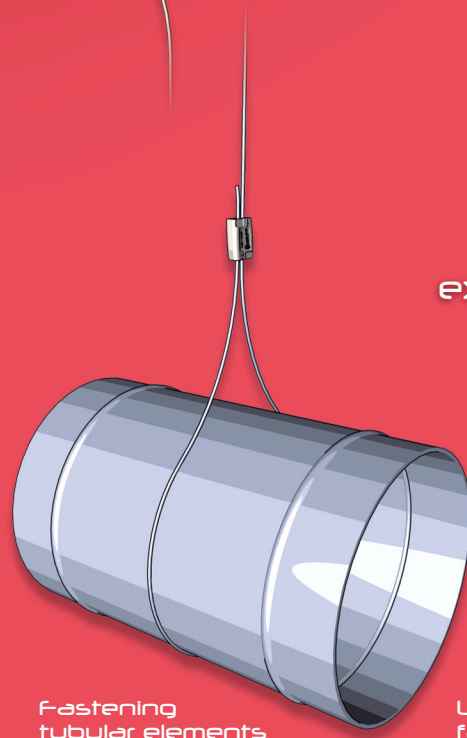
## Applications:

Suspension of air conditioning conduits, cable reel trays for electric cabling, pipes, gas extraction conduits, lighting and signage.



example of load fastening

example of load height regulation



## Overturn termination



In buildings with industrial facilities, suspending these facilities can be very difficult and costly. The MaxTensor® MX2-ind system with overturn type termination is used to suspend loads with false ceilings or other holes in forged elements.

## Looped termination



The looped termination system enables a quick solution to the most difficult problems. It can be placed around rafters, joists, purlins, reinforced structures and any other kind of accessible and resistant installation element.

## Threaded termination



Threaded termination may be anchored to a concrete ceiling, metallic or other supports. To do this, a hole needs to be drilled to insert a stud in the support that is adapted to its specifications, or a place a closing nut on the support, then installing the termination on the available stud or nut, ready to hang the element to be suspended.

## Industrial range specifications and benefits

**Easy-of-use.** Complex and heavy tools are not required to install MaxTensor® MX2-ind. It is also prepared for use with no need for prior preparation, enabling very convenient use.

**Quick installation.** Using the MaxTensor® MX2-ind system implies a significant labour cost saving, since the installation time is reduced by up to 80% compared to traditional systems.

**Adjustable.** The height of the MaxTensor® MX2-ind system can be manually adjusted quickly and easily using the de-tensor key.

**Practical.** The MaxTensor® MX2-ind system has an intelligent and practical funnel for inserting the de-tensor key. The de-tensor key design ensures it is convenient and safe to handle.

**Safety.** The reduced weight of the MaxTensor® MX2-ind system significantly contributes to the safety of the installation process, assisting handling and reducing accident hazards due to falling objects. The MaxTensor® MX2-ind system does not require any kind of fastening and thus the possibility of errors is reduced in the assembly process. The MaxTensor® MX2-ind system is adapted to all types of mechanical and electrical installations, may be used vertically or forming an angle with respect to the suspended load.

**Aesthetic and professional.** The MaxTensor® MX2-ind system lightens the installation, improving its aesthetics in visible installations, conveying a very professional image.

**Straightness guaranteed on support lines.** The MaxTensor® MX2-ind support system avoids the requirement to replace the suspension element in the case of accidental strikes, as may occur in traditional systems with rigid rods, which twist the vertical alignment requiring replacement or repair.

### Improved cleanliness in the works.

The MaxTensor® MX2-ind system does not require the use of work benches, cutting saws, files, etc. Thus contributing to cleanliness and order in the works.

### Assists with the preparation of the works budget proposal.

The valuation of an electrical or mechanical installation with ventilation pipe elements, climate control, cable reel trays, etc. is a complex task. Additionally, the actual drawings are not usually available in the detailed plans of the structures in which the installation elements will be suspended. With the MaxTensor® MX2-ind system, the fastening point and the suspension element is not complex given that they coincide vertically, which means simple calculation of lengths may be used to determine the actual costs of the suspension elements for the entire installation, in addition to a labour cost very close to reality.

**Reduced works logistics.** The MaxTensor® MX2-ind system reduces the number of references to order and manage as well as transport and storage requirements. The use of cranes and lifting systems for installation is significantly reduced due to prior planning of the required suspension points, together with the system's versatility and ease-of-use. The MaxTensor® MX2-ind system is supplied ready for use.

### Reduced stress on the support structure.

Installing 100 Kg of components with the MaxTensor® MX2-ind system eliminates up to 1,500 Kg of threaded rods and other accessories used in traditional systems.

**Anti-vibration:** The MaxTensor® MX2-ind system absorbs a high percentage of the vibrations from the suspended elements, providing greater mechanical and acoustic protection than threaded rods.

**Light and resistant.** All indicated work loads have a safety factor of 5:1 or 3:1 depending on the works management criteria.

### Selection of the most suitable kit.

The MaxTensor® MX2-ind system is supplied in three diameters three different terminations, with clear and simple technical instructions, which assists with the selection and installation of the most suitable suspension for each part of the project.

**Verified product.** The MaxTensor® MX2-ind system is verified under the most rigorous quality controls by accredited laboratories.

### Patented system.

Cable type	C <sub>m</sub> (kg)	
	Safety coef. $\mu = 5:1$	Safety coef. $\mu = 3:1$
Ø 1'5 (7*7 threads)	30	50
Ø 2 (7*7 threads)	45	75
Ø 2'5 (7*7 threads)	60	100

Standard lengths available 2 m, 3 m and 5 m for all kits.