



The retaining system for high pressure hoses

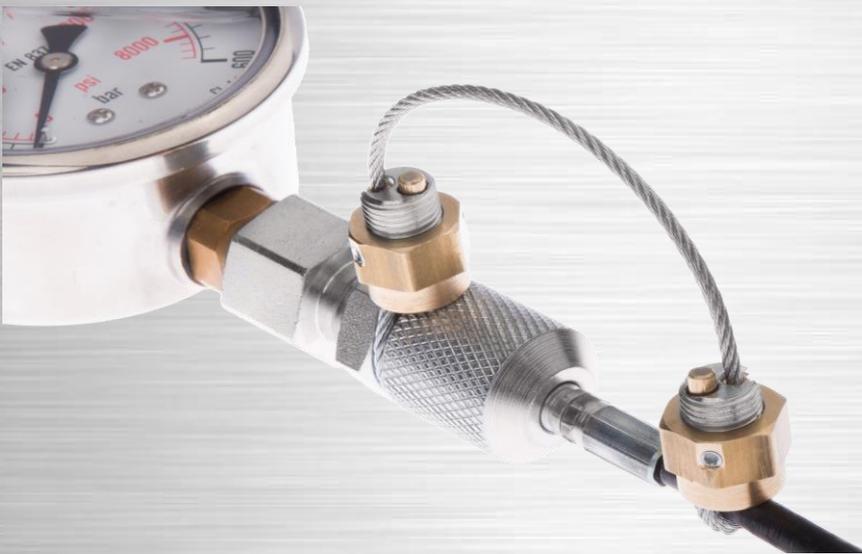
AS-Mini Selection parameters:		
Assembly: retrofitable	For hydraulic measurement technology for hoses DN2 - DN3 - DN4	
	Outdoor: no	Chemistry: no

* only type AS2-M (type AS2-L: max. 100°C)

Series AS-Mini ... the problem solver of the measurement technology ...

The development of series AS-Mini began with the question: Is a retaining system for measuring hoses even possible? Our answer is: Yes! Thanks to the international patented Cablelock tensioner lock even this is possible! AS-Mini adapts perfectly to the requirements in the measurement technology and is, thanks to the new 'speed construction', installable quickly subsequently.

In addition to the initial type AS2-M the new type AS2-L was added due to repeated customer requests. On the hose side, the new type fits on all common measurement hoses and has a bracket on the machine side for a universal installation - simply prepare a metric M6 screw hole and the type can nearly be used for all applications.



Retaining systems which are firmly braced on the hose prevent frayed wire cables!

The 18 advantages of the series AS-Mini:

- installable without line disconnection - saves time and money!
- installable even for limited installation conditions!
- no sharp corners, edges or sharp ends of the wire cable
- very reasonable price!
- compact length of cable bow for short whipping distances
- low stock costs due to few types
- short installation time even when the hose line is installed
- firmly braced on the hose side (see above)
- firmly braced on the machine side*
- suitable even in high operating temperatures*
- packed in a packaging unit of 2 pieces including Allen key
- smallest delivery quantity 1 pieces - no annoying packing units
- very detailed operating manual supplied with each Cablelock
- imprinted CE-label and identification letter
- tested with 1.5x operating pressure at minimum bending radius (see also page 1)
- very good overall impression
- special length even possible for small quantities
- made in Germany

* **only for series AS2-M**

Important operation notes:

Install the retaining system for safety reasons always in pressureless state!
Always observe the information of the detailed operating manual supplied with the delivery!
The series above is not suitable for outdoor use. For outdoor application please use the series INOX!
Please note the list of residual risk at www.cablelock.de - important information.

Technical data:

- for nominal hose diameters DN2; DN3; DN4
- for pressure stages from 450bar up to 630bar
- operating temp. -30°C up to +150°C (type AS2-M)
- operating temp. -30°C up to +100°C (type AS2-L)
- materials steel galv./brass/light metal (AS2-L additional PA)
- ident. length see www.cablelock.de
- for more technical data see tables on the right

Accessories:

- the 1,5mm Allen key (only tool needed) is automatically included in each 2 piece packaging unit

New type AS2/L



Type AS2-M for hoses DN2, DN3, DN4

Extremely compact retaining system with a 2mm high tensile wire cable and an openable Cablelock tensioner lock on both sides. Due to this construction the retaining system can be installed extremely fast without disconnecting the hose line. Type AS2-M is suitable for all common hydraulic measurement hoses with the nominal diameters DN2, DN3, DN4 and also for all common measurement hose fittings (Measurement hoses and fittings are no subject to a standard so far; therefore please always check the measure 'for machine fixpoint'). The retaining system can be installed almost without tools - the Allen key which is needed to secure the Cablelock is included in the delivery.



for measuring hose		for machine fixpoint		length of the cable bow (approx.) 'SBL'	for max. operating pressure	Ident. No.**
hose DN 'nominal size'	for OD* (install)	for OD* (install)	for OD max* (push over)			
DN2 - DN4	4,5 - 8,5mm	7,5 - 11,5mm	(12,5mm)	approx. 75mm	applies to all types DN2: 630bar DN3: 500bar DN4: 450bar	CL-AS-2MA
DN2 - DN4	4,5 - 8,5mm	11,5 - 15,5mm	(16,5mm)	approx. 80mm		CL-AS-2MB
DN2 - DN4	4,5 - 8,5mm	15,5 - 19,5mm	(20,5mm)	approx. 85mm		CL-AS-2MC
DN2 - DN4	4,5 - 8,5mm	customer - specific value***				customer-specific

Connection table for fast selection 'which Cablelock for which connection?':

Cutting ring fitting 24° - system 'Ermeto'	4LL, 5LL, 6LL, 8LL, 6L :	CL-AS-2MA
Cutting ring fitting 24° - system 'Ermeto'	10LL, 12LL, 6L, 8L, 10L, 6S :	CL-AS-2MB
Cutting ring fitting 24° - system 'Ermeto'	10L, 12L, 15L, 8S, 10S, 12S :	CL-AS-2MC
Typical measuring hose connections	M16x1,5 ; M16x2 ; S12.65x1.5:	CL-AS-2MC



Type AS2-L for hoses DN2, DN3, DN4

Extremely compact retaining system with a 2mm high tensile wire cable and an openable Cablelock tensioner lock on the hose side. A fastening bracket with a hole for a M6 screw is located on the machine side. Even though a sufficiently stable screw hole has to be ensured due to this universal mounting method, the user only needs one type of retaining system in return. The wire cable is protected against damage by a hose coating made of PA. The user covers all measuring hose applications with this retaining system quickly and cost-effective!



for measuring hose		for machine fixpoint	length of the cable bow (approx.) 'SBL'	for max. operating pressure	Ident. No.**
hose DN nominal size'	for OD* (install)	bracket hole			
DN2 - DN4	4,5 - 8,5mm	ID 6,2mm	ca. 80mm	DN2: 630bar DN3: 500bar DN4: 450bar	CL-AS-2ML

* The values given in the column 'install' are the outer diameters (OD), for which the Cablelock tensioner lock can be installed SUBSEQUENTLY (always 4mm clamping range). In the case that the tensioner lock is already pre-installed it can still be pushed over an outer diameter which is 1mm thicker - see column 'push over'.

** The last two letters of the ident. number are imprinted as a code letter on the CE marking plate of each retaining system.

*** Please note for the customer-specific values that the relation min./max. diameter has to be in the range of 4+1mm.