

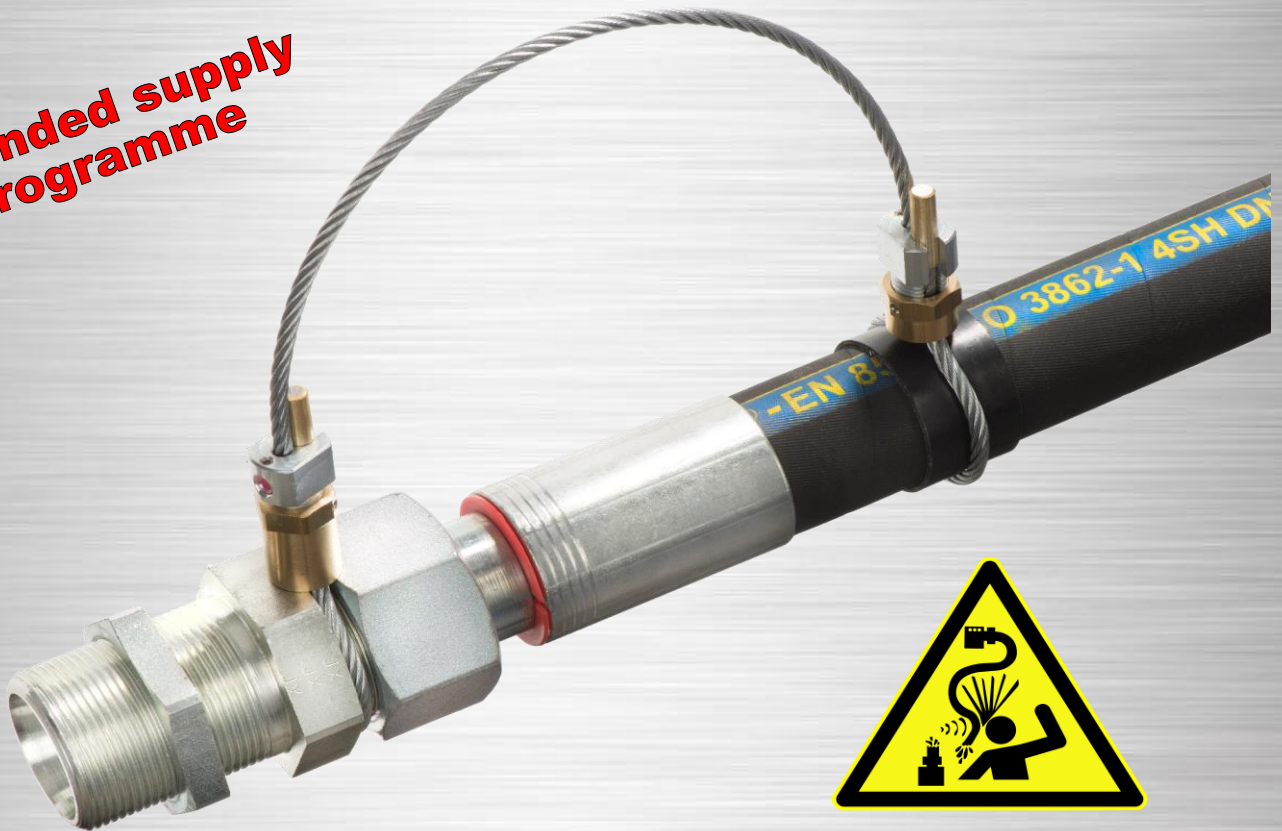
Cablelock[®] AS

The retaining system for high pressure hoses

Series AS-Professional ...All-round retaining system for subsequent assembly...

The series AS-Professional is the most frequently sold retaining system for hydraulic hoses of the Cablelock assortment. The successful story of 'Cablelock' began with AS-Professional. Due to the infinitely variable fastening sling on both sides, all fastening diameters of the respective nominal diameters are covered by the retaining systems of this series. Since the tensioner locks can be opened, these types can be installed quickly and easily without removing the hose! The series AS-Professional meets all requirements that must be fulfilled by a modern retaining system. For the protection of the outer rubber of the hose and in case of pulsation/vibration we recommend the use of the self-adhesive or extra strong protection tape 'Cablelock AS-Tape' on the hose side (please order separately).

Extended supply programme



Cablelock retaining systems protect man and machine from the dangerous whipping effect in case that the hose tears apart. These safety components are made mandatory by a lot of requirements, laws and regulations for old and new hose lines equally.

An extensive collection of the extracts from regulations can be found at www.cablelock.de.

all Cablelocks are



Cablelocks are marked with



Cablelocks are



This product idea won the



innovation award

Available also in

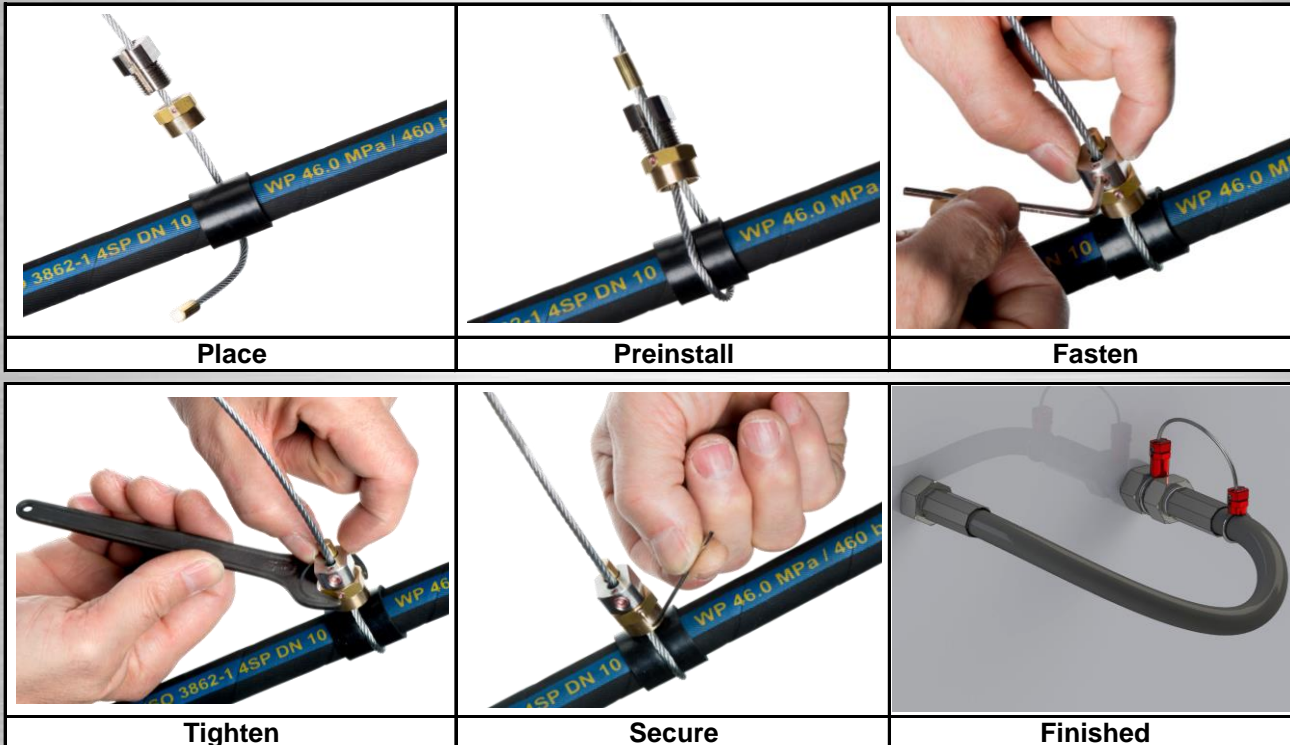


AS-Professional Selection parameters:

Assembly: retrofitable	for hoses DN5 - DN25 to R15	
	for hoses DN32 - DN50 to 4SH	
Outdoor: No	Chemistry: no	max. temperature: +150°C

The installation steps of the series AS-Professional:

The installation of the Cablelock tensioner lock is possible in less than a minute with a little practice! Compared to other systems this saves a lot of time and money. You can find all the necessary information you need for the installation in the enclosed detailed operating manuals which are CE compliant. The operating manuals can be downloaded at any time on www.cablelock.de - important information!



Installation time under a minute!

The 17 advantages of the series AS-Professional:

- 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
- 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
- firmly braced on the machine side
- suitable even in high operating temperatures
- every Cablelock is packed individually
- very detailed operating manual supplied with each Cablelock
- smallest delivery quantity 1 piece - no annoying packing units
- 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

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. Cablelock hose safety catches are exclusively tested for liquid media. All pressure specifications are therefore exclusively applicable to liquid media. No warranty shall be assumed for applications with compressible media (gases, air etc.)!

Technical data:

- for nominal hose diameters from DN5 to DN50
- for pressure stages from 165 bar up to 700 bar
- operating temperature -30°C up to +150°C
- materials steel galv./brass/light metal
- for more technical data see tables on the right

Accessories (see last page):

- AS-Tape as a protection for the outer rubber of the hose in case of pulsation/vibration
- installation tools with all the tools needed to install the Cablelock and the tape



NEW up to 700bar

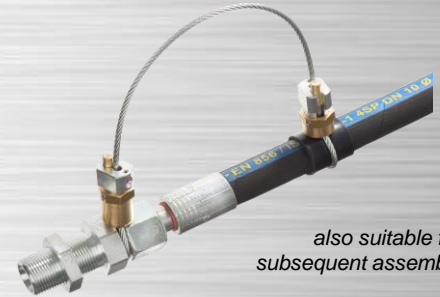
Series AS-Professional



The retaining system for high pressure hoses

Type AS3-Professional for hoses DN5 to DN16

Professional hose retaining system with a 3mm high-strength wire cable and openable original Cablelock tensioner locks on both sides. Type AS3 is suitable for all common hydraulic hoses with nominal diameters from DN5 to DN16 and dimensionally suitable for the hose types* 1SC, 2SC, 1SN, 2SN, 4SP, 4SH, R13, R15. Special type 37A for 700bar hydraulic tool hoses. Compatible to all fitting types according to DIN EN 20066. More important information see on the left page.



also suitable for subsequent assembly

for hose*	max. operating pressure**	for fixpoints OD	length of cable bow	Ident. length***	Ident. No.	Abbr.****
DN5-DN6 Special type	700bar-max.pressure	11mm - 19mm	approx. 200-260mm	450mm	CL-AS-37A	37A
DN5-DN8	450bar	11mm - 21mm	approx. 200-260mm	450mm	CL-AS-3A	3A
DN10-DN12	450bar	17mm - 28mm	approx. 210-270mm	500mm	CL-AS-3B	3B
DN16	420bar	22mm - 31mm	approx. 230-290mm	550mm	CL-AS-3C	3C

Type AS4-Professional for hoses DN10 to DN25

Professional hose retaining system with a 4mm high-strength wire cable and openable original Cablelock tensioner locks on both sides. Type AS4 is suitable for all common hydraulic hoses with nominal diameters from DN10 to DN25 and dimensionally suitable for the hose types* 1SC, 2SC, 1SN, 2SN, 4SP, 4SH, R13, R15. Compatible to all fitting types according to DIN EN 20066. More important information see on the left page.



also suitable for subsequent assembly

for hose*	max. operating pressure**	for fixpoints OD	length of cable bow	Ident. length***	Ident. No.	Abbr.****
DN10-DN12 Special type	700bar-max.pressure	17mm - 28mm	approx. 210-290mm	520mm	CL-AS-47B	47B
DN16 Special type	560bar-max.pressure	22mm - 31mm	approx. 230-300mm	570mm	CL-AS-45C	45C
DN20 up to R15	420bar	26mm - 36mm	approx. 250-320mm	640mm	CL-AS-4D	4D
DN25 up to R15	420bar	32mm - 44mm	approx. 260-340mm	700mm	CL-AS-4E	4E

Type AS5-Professional for hoses DN20 to DN50

Professional hose retaining system with a 5mm high-strength wire cable and openable original Cablelock tensioner locks on both sides. Type AS5 is suitable for all common hydraulic hoses with nominal diameters from DN20 to DN50 and dimensionally suitable for the hose types* 1SC, 2SC, 1SN, 2SN, 4SP, 4SH, R13, R15. DN32-50 concerning pressure stage especially developed for 4SH. Compatible to all fitting types according to DIN EN 20066. More important information see on the left page.



also suitable for subsequent assembly

for hose*	max. operating pressure**	for fixpoints OD	length of cable bow	Ident. length***	Ident. No.	Abbr.****
DN20 Special type	560bar-max.pressure	26mm - 36mm	approx. 240-330mm	670mm	CL-AS-55D	55D
DN25 Special type	560bar-max.pressure	32mm - 44mm	approx. 250-340mm	730mm	CL-AS-55E	55E
DN32 up to 4SH	350bar	38mm - 52mm	approx. 260-350mm	780mm	CL-AS-5F	5F
DN40 up to 4SH	310bar	44mm - 61mm	approx. 270-380mm	840mm	CL-AS-5G	5G
DN50 up to 4SH	270bar	56mm - 74mm	approx. 280-390mm	920mm	CL-AS-5H	5H

* The retaining systems fit to the listed hose types, however only if the maximum operating pressure according to the table is obeyed!

** All pressure specifications refer exclusively to applications with liquid media - see also the information on page 1.

*** The identification length corresponds to the total length of the cable including the pressed limiter ferrules in disassembled status.

**** The abbreviation is imprinted as a code letter on every CE marking plate for an easy identification of the retaining system.

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Accessories

Please note that the following AS-Tape always has to be ordered separately as an accessory. The listed tools offer a practical addition for every Cablelock technician.

AS-Tape self-adhesive - extremely easy to install (for normal stress)

"How much tape lasts for how many Cablelocks?" See www.cablelock.de - important information - tape-length table

Name	Length per roll	Width	Ident. No.
AS-Tape B25	2 metres	25 mm	CL-TP-02
AS-Tape B25	5 metres	25 mm	CL-TP-05
AS-Tape B25	10 metres	25 mm	CL-TP-10

AS-Tape extra strong - less easy to install (for significantly higher stress)

"How much tape lasts for how many Cablelocks?" See www.cablelock.de - important information - tape-length table

Name	Length per roll	Width	Ident. No.
AS-Polytape B35	2 metres	35 mm	CL-PTP-302
AS-Polytape B35	5 metres	35 mm	CL-PTP-305
AS-Polytape B35	10 metres	35 mm	CL-PTP-310

AS-Tools (almost all tools needed for the installation of Cablelock retaining systems)

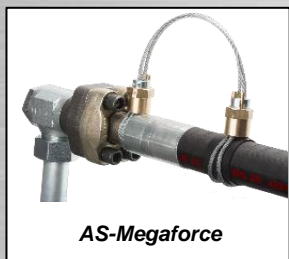
Name	Ident. No.	Name	Ident. No.
Complete set (6 pcs. acc.figure)	CL-TK-01	Allen key standard M3	CL-TK-05
Safety-Stick for Allen key M3	CL-TK-02	Allen key standard M5	CL-TK-06
Scissors (for AS-tape)	CL-TK-03	Allen key standard M6	CL-TK-07
Open-end wrench AF 17-22	CL-TK-04		



You can find more useful information and tear-off videos regarding retaining systems and on www.cablelock.de



Further series of the Cablelock family:



Delivered by:

We also provide special types upon customers' instructions

Das Cablelock tensioner lock: The key to success!

The international patented idea of the tensioner lock is the basis of all 6 series!



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