CERTIFICATE

TALUCRIMP is a mechanical splicing system that is used on steel wire rope from 8 to 12 mm diameter. The ferrules are swaged onto the rope using our special portable hydraulic hand tools with TC-swaging dies.

Talurit AB hereby certify that TALUCRIMP ferrules are in accordance with Talurit AB specification. TALUCRIMP ferrules have been validated according to Talurit® splicing system, which is within the frames of EN 13411-3. TALUCRIMP is not a cylindrical part after swaging as required in the foresaid standard, but the TALUCRIMP system was tested and is fulfilling the type test requirements.

Wire rope: These TALUCRIMP ferrules applies to single layer round strand ropes with metallic core. Wire ropes shall conform to EN 12385 -4 class 6x19S and K6x19S, maximum rope grade is 1960, fill factor 0,58 – 0,68. For other classes, rope grades and fill factors verifying test must be performed. Steel wire ropes with a fiber core have not been tested.

The material for TALUCRIMP is EN AW 5051A as per EN 573-3 and according to EN 13411-3 and ISO 8793. All ferrule tubes are seamlessly extruded over mandrel.

Chemical composition (%):

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
Min.					1,4			
Max.	0,30	0,45	0,05	0,25	2,1	0,30	0,2	0,1

Mechanical properties:

Tensile strength	$R_m \geq 145$ N/mm²
Yield strength	$R_{p0,2} \geq 50$ N/mm²
Elongation	$A_5 \geq 20\%$
Hardness	38 - 45 HB

TALURIT® is a registered trademark owned by Talurit AB, Sweden. All unauthorized use is prohibited. Rev. 2022-01-28

A TALUCRIMP secured termination, performed according to our splicing instructions, will normally withstand a tensile strength of 90% of the minimum breaking force (MBF) of the wire rope. Type testing according to EN 13411-3 – tensile test and 75.000 cycle fatigue test - was successfully carried out with the following rope constructions:

6x19S IWRC and K6x19S IWRC, with fill factor between 0.57 and 0.68, grade 1960.

Typical values for these ropes are:

	6x19S IWRC		K6x19 IWRC	
Rope Diameter	10 mm	12 mm	10 mm	12 mm
MBF	69,8 kN	100 kN	92,9 kN	127 kN
Weight	0,40 kg/m	0,576 kg/m	0,529 kg/m	0,718 kg/m
Actual Breaking Force after 75.000 cycles	80,1 kN (114%)	119,4 kN (119%)	95,7 kN (103%)	126,7 kN (99%)

The TALUCRIMP splicing system is tested within the framework of EN 13411-3 and as such also fulfilling the requirements of EN 15567-1:2015. Fatigue testing was executed, and it is possible to use one single TALUCRIMP ferrule for a turn-back eye termination.

It is confirmed by this certificate that TALUCRIMP ferrules from **Talurit Group** conforms with the above requirements. It is also confirmed that if ferrules, tools, and machines from **Talurit AB** are processed in a manner as per TALURIT Ferrule Securing Instruction, these products are covered by a **Product Liability Insurance**.

Talurit AB

Victor Lindh
Managing Director

As a true full system supplier we can find the perfect solution to your specific needs. With over 75 years of experience we have the knowledge to create products and systems that are safe and effective while staying reliable over a long period of time.

TALURIT® is a registered trademark owned by Talurit AB, Sweden. All unauthorized use is prohibited. Rev. 2023-03-24
Copyright 1948-2023. All rights reserved.