

Test Report 2108.P0127A



Tensile test on sheet piling clutch bar F40 - IC

SteelWall ISH GmbH
Tassilostraße 21
82166 Gräfelfing

The test results refer exclusively to the inspected objects and samples at the time of the examination. The assessment of the inspected objects and samples only takes into account irregularities that can be found with the test methods used.

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This report includes - 3 - pages and - 2 - attachments.

Test Report : 2108.P0127A

GSI-Order No.: 2021 008 770 0044

Title: Tensile test on sheet piling clutch bar
F40 - IC**Customer:** SteelWall ISH GmbH
Tassilostraße 21
82166 GräfelfingCustomer No.: 70078272
Order No.: Telefonical order
Contact: Mr Heindl**1. Preliminary comments on examination****1.1 Information supplied by the client**Test object: Clutch bar type - F40 - IC
Date of receipt: 02.03.2021
Material: S355J2**1.2 Test objective**

Determination of the deformation and failure behaviour of the clutch bar with tensile test.

1.3 Sample assignment

Specimen designation		Assignment / Description
Specimen	Sample	
P1	Z1	Tensile test specimen F90

1.4 Examinations to be conducted

See attachment directory.

2. Results

The results of the investigation is shown in the reports, see sheet of annex.

Responsible operator:

München, 17. May 2021



Local head of laboratory or coordinator of laboratory

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Schedule of annexes

2 Test records	Name of record	Page(s)
2108.P0127.01A	Figure part Overview images	1
2108.P0127.02A	Component tensile test	1

Figure part Overview images

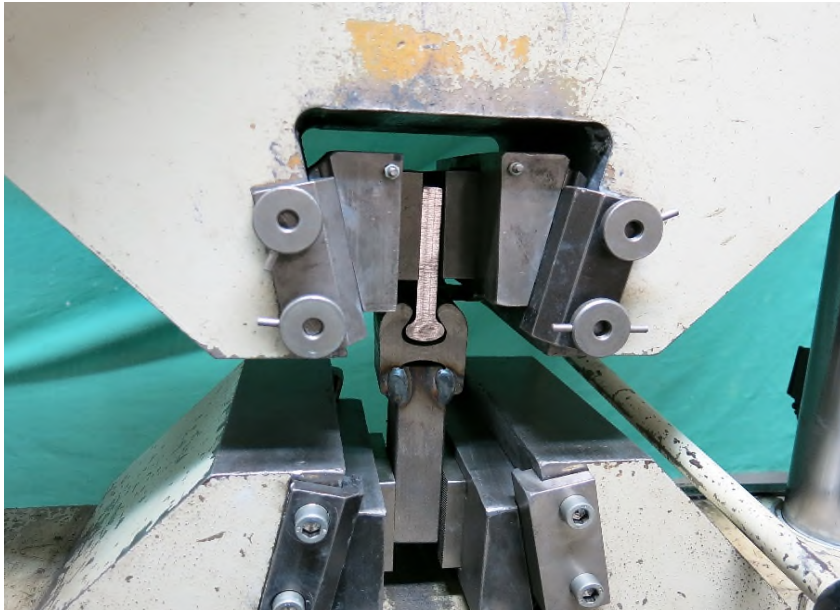


Figure 01.1:

P1Z1 (F40 - IC)
test setup

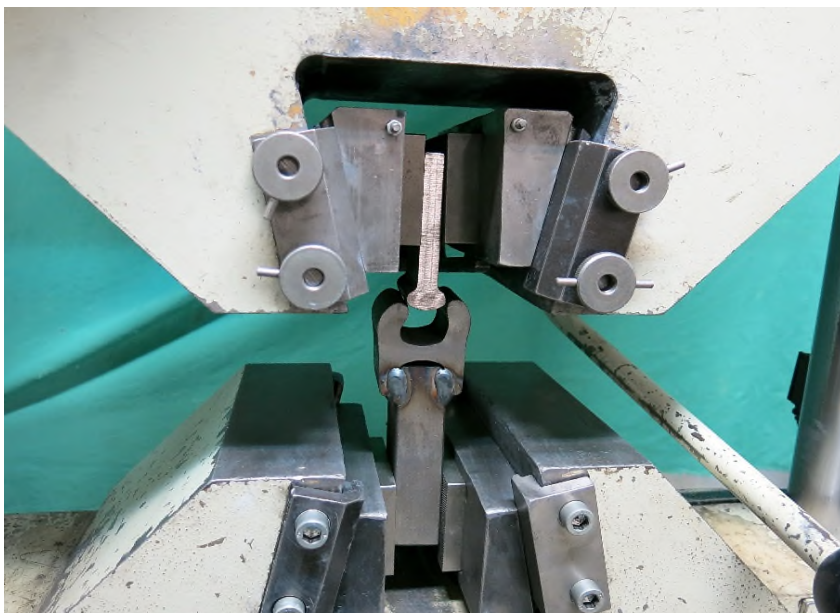


Figure 01.2:

P1Z1 (F40 - IC)
after testing, failure through
deformation

Component tensile test

Testing machine: Schenck-Trebel UPM 400
 Gauge: Sliding calipier N°: FH309496

Sample no.	Maximum force F_m		Length of the clutch bar		Length-related maximum resilience		
	[kN]	[lb]	[mm]	[in]	[kN/m]	[t/m]	[kip/in]
P1Z1 (F40 - IC)	158,39	35.607,46	50,0	1,97	3.167,80	323,03	18,09

Operator / date: sign. J. Rudolph / 12. 5. 2021