



1978



1982



ISTANBUL HEAD QUARTER



KIRIKKALE PLANT



1.6 MW YOZGAT SOLAR FARM



**1.4 MW KIRIKKALE ROOF TOP
SOLAR POWER**



OPEN PIT MINING



HOT SLAG



UNDERGROUND MINING



QUARRYING



RECYCLING AND SCRAP

MEASUREMENTS/ÖLÇÜLER

LAS  **ZIRH**

Chain Type
Zincir Tipi

Link measurements (mm)
Balka Ölçüleri (mm)

Ring
measurements
Halka Ölçüleri

Mesh
Ağ

Minimum
Clearance
Minimum Tolerans

W

H

L

d

D

Square
Kare

Opening
Ağ
Açıklığı
(M)

A

B



X12
UNIVERSAL

29

39

61

12

50



54

70

60



X14
UNIVERSAL

36

44

76

14

55



63

70

65



X14
ROYALROCK

23

46

78

14

55



63

70

65



X16
SUPERSTONE

24

50

81

16

65



65

80

75



X16
UNIVERSAL

42

56

83

16

65



65

80

75



X18
ULTRA

23

54

92

18

67



78

80

75



X18
ROYALROCK

30

60

99

18

67



78

85

80



X18
UNIVERSAL

45

67

94

18

67



78

85

80



X20
UNIVERSAL

50

72

102

20

73



81

90

85



X20
ROYALROCK

36

70

110

20

73



88

90

85



X22
UNIVERSAL

58

77

110

22

75



84

100

95



X23
ROYALROCK

57

83

114

23

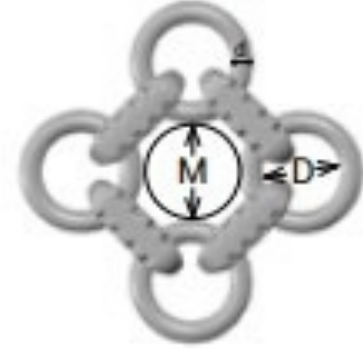
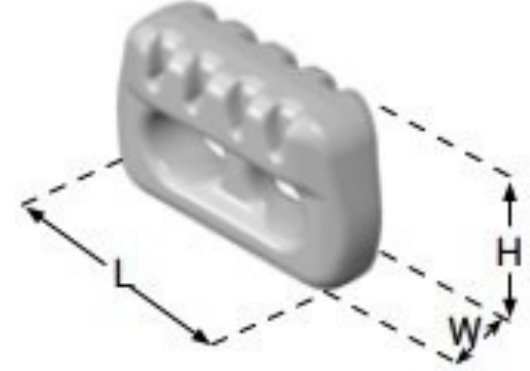
75



90

100

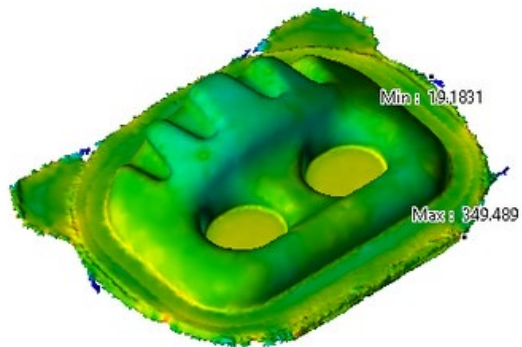
95



Strength in Every Ring, No Filler and Gas Needed



Forging Our Own Products Since 1978 Experience Comes First



"Fully automated heat treatment, no room for human intervention."



"Everything Under Control, Powered by Science."



LAS ZIRH		QUALITY CONTROL REPORT	
Ürün / Product	35/65X33 X20 UNDERGROUND	Page No	2 / 3
Firma / Company	CANADA	Sample	20
Malzeme ve Parti Kodu / Material and Party Code	23MnNiCrMo5-4	Total sample	1
Product Serial Number	1.21.26	Controlled Quantity	1
		Confirmed Quantity	-
		Rejected Quantity	-
		Control Date	15.02.2021

Chian Serial Number 1.21.26
1208 µm Depth of Cementation

Retained Austenite Rate: %96

Controlled By		EXPLANATION:
YUNUS E. GÜLAY	Responsible for Laboratory	
Confirmed By		
N.ANIL GÜLVER	Responsible for Heat Treatment	

Form No: HF/19 Form Revizyonu:00

LAS ZIRH		QUALITY CONTROL REPORT	
Ürün / Product	35/65X33 X20 UNDERGROUND	Page No	3 / 3
Firma / Company	CANADA	Sample	20
Malzeme ve Parti Kodu / Material and Party Code	23MnNiCrMo5-4	Total sample	1
Product Serial Number	1.21.26	Controlled Quantity	1
		Confirmed Quantity	-
		Rejected Quantity	-
		Control Date	15.02.2021

LAS ZIRH ZİNCİR SAN. VE TİC. A.Ş.

ÇEKME DENEY RAPORU

NUMUNE BİLGİLERİ	
Müşeri	CANADA
Tarih	12/01/21
Standart	Extensometresiz çekme
Malzeme	23MnNiCrMo5-4
Doz no	D_1201_053359
Numune cinsi	35/65X33 X20 UNDERGROUND
Seri No	1.21.26
Kesit alanı	314.160mm ²
İç enri	Çap
Çap	20.000mm
Dişli No	A Kesit
Kaynak mukavemeti	B Kesit
	mm

TEST GRAFİĞİ

SONUÇLAR

Fm	15509.200kg	Rmin	0.000
Rm	49.4kgf/mm ²	RMmax	0.000
L0 Boyu	74.000mm	RAvg	0.000
L1 Boyu	75.262mm	E modul	2000.000
Uzama%	70.7	Deneş hızı	21mm/dk
Rp02	16.9kgf/mm ²		

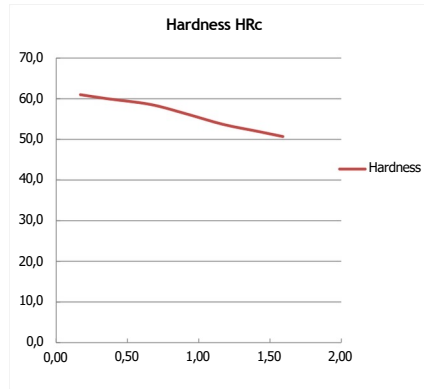
Test sorunu:xxxxx Test onaylayan:

Form No: HF/19 Form Revizyonu:00

QUALITY CONTROL REPORT

LAS ZIRH		QUALITY CONTROL REPORT	
Ürün / Product	35/65X33 X20 UNDERGROUND	Page No	1 / 3
Firma / Company	CANADA	Sample	20
Malzeme ve Parti Kodu / Material and Party Code	23MnNiCrMo5-4	Total sample	1
Product Serial Number	1.21.26	Controlled Quantity	1
		Confirmed Quantity	-
		Rejected Quantity	-
		Control Date	15.02.2021

Access Control Sample Control Back Control



Carburising Layer		
Depth	Hardness HRC	Hardness HV
mm	HRC	HV
0,17	61,00	719,0
0,36	60,00	696,0
0,66	58,60	664,0
0,91	56,30	619571,0
1,17	53,70	540,0
1,41	52,00	521,0
1,59	50,70	

Core Hardness: 46,4 HRC / 461 HV

Product Serial Number:	1	21	26
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Controlled By
YUNUS E. GÜLAY
Responsible for Laboratory

EXPLANATION:
900 °C'den sonra 6 saat semantasyon gerçekleştirilmiştir.

Confirmed By
N.ANIL GÜLVER
Responsible for Heat Treatment

Heat-Proof Performance
Our Chains, Your Toughest Ally in Hot Slag.

