

Test Report 14100391

Date of Issue: 15/10/2014

This report details the results of prototype tests carried out on DF Singles used for connecting steel tubes of 48.3mm outside diameter and of at least 3.2mm nominal wall thickness at a minimum in the construction of working scaffolds and falsework required for the construction, maintenance, repair and demolition of buildings and structures.

Description and Marks on couplings

DF Singles

Marks : BS1139, EV0614X NYF031

Basis of Tests

The couplings have been tested in accordance with the relevant sections and requirements of BS 1139-2.2:2009.

Information supplied by the customer

Shape: To drawing number B11323-03 & B11323-10
Dimensions: To drawing number B11323-03 & B11323-11
Mass: To drawing number B11323-03 & B11323-12
Material Characteristics: To drawing number B11323-03 & B11323-13
Surface Protection: Zinc Coated

RESULTS**Design**

The design of the coupling complied with the requirements of the relevant items in sections 4 and 5 of the standard.

Dimensions and Material Characteristics

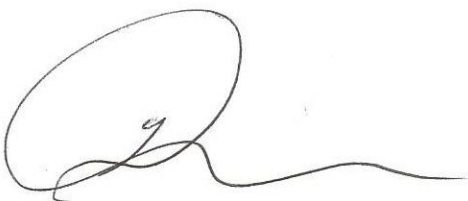
The measured dimensions of the coupler matched the stated dimensions given by the customer (see Drawings).
Mass and material characteristics, of the couplings, were all within the tolerances as specified by the manufacturer.
(Drawings are shown at the end of this report)

Marking

The marking satisfy the requirements laid out in section 15.

Results of all tests performed are detailed on the following pages.

Authorised Signatory
L Mangham
Operations Manager



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Slipping Force Tests of Putlog Couplers, tested in accordance with Clause A.2

Tested using 3.2mm steel tube (RT _{S1})	
Test Number	<i>P</i> max (kN)
1	1.99
2	2
3	2.38
4	2.53
5	2.01
<i>F</i> _{S5%}	1.31

P max safe working loads for Putlog Couplers taken from Table B.1 from BS 1139-2.2:2009:
0.63kN

Load-displacement curves are shown in Appendix A as charts 1 to 5

From the results, the prototype is Accepted for slipping force

Photograph of Setup for Slipping Force



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