

Declaration of Performance (DoP)

No. KJF 01 – EN 15048 Property Class 8.8

For use in structural metallic works

K J Fasteners Ltd.
Unit 21, Primrose Hill Trading Estate,
Cradley Road, Netherton, Dudley, DY2 9SA

Verified in accordance with System 2+

Steel Construction Certification Scheme
4, Whitehall Court, Westminster, London, SW1A 2ES
Notified body No. 2273

SCCS has performed (i) initial inspection of the manufacturing plant and the factory production control and (ii) continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control Certificate 2273 – CPR - 0114

Declared Performance		
Essential Characteristics	Performance	Harmonised Technical Standard
Tolerance on dimensions, form and position (bolts)	ISO 4014, ISO 4016, ISO 4017 & ISO 4018 Product grade A, B or C - Pass	EN 15048-1:2007
Percentage Elongation after fracture (bolt)	EN ISO 898-1 A% ≥ 12	
Min. Tensile Strength (bolt) Stress at 0.2% non-proportional elongation (bolt) Stress under proof load (bolt) Strength under wedge (bolt) Hardness (bolt) Impact strength (bolt)	EN ISO 898-1 R _m ≥ 830 MPa R _{p0.2} ≥ 660 MPa S _p of 600 MPa R _m ≥ 830 MPa ≥ 255 HV & ≤ 335 HV ≥ 27 J at -20 °C	
Tolerance on dimensions, form and position (nut)	ISO 4032 Product grade A or B - Pass	
Stress under proof load (nut) Hardness (nut)	EN ISO 898-2 Pass Pass	
Tolerance on dimensions, form and position (washer)	ISO 7091 Product grade C - Pass	
Hardness (washer)	EN 15048-1 ≥ 100 HV - Pass	
Tensile resistance (assemblies)	F _{bi} max ≥ f _{ub}	

Signed:-
Name:-

MARVIN JEW

Position:-
Date:-

M. S.
22/3/18