

Declaration of Performance – 0008-1015

- TQ Hexagon Coach Screws** in the following sizes:
**6 mm from 25mm – 100mm, 8 mm from 35mm – 150mm,
 10 mm from 40mm – 200mm and 12 mm from 50mm – 200mm**
- Batch numbered labels are attached to box or pack to allow batch identification
- TQ Hexagon Coach Screws** are intended for use in wood construction (\varnothing 6mm) and load bearing wood construction (\varnothing 8mm, \varnothing 10mm and \varnothing 12mm).
- Manufacturer:

**Hexstone Limited t/as Owlett-Jaton,
Opal Way, Stone, Staffordshire ST15 0SW
Factory 486**

- Tested to EN 14592:2008 under system 3 by

**Strojirensky zkusebni ustav, s.p.
Notified Body NB 1015**

Reports:

6 mm 30-9907-1, 8 mm 30-9907-2, 10 mm 30-9907-3 and 12 mm 30-9907-4

- Declared Performance for Essential Characteristics to EN 14592:2008+A1:2012

		Unit	6 mm	8 mm	10 mm	12 mm
Material			Q195 (C1008) Carbon Steel			
Characteristic yield moment in thread section	My,k	N/mm ²	9,737	24,744	38,079	90,170
Characteristic withdrawal parameter in timber loading across the fibre	Fax,k	N/mm ²	17.64	13.51	13.11	11.65
	Pk	Kg/m ³	450	450	450	450
Characteristic head pull-through parameter in timber	Fhead,k	N/mm ²	27.39	24.44	24.75	24.45
	Pk	Kg/m ³	450	450	450	450
Characteristic tensile capacity	Ftens,k	kN	7.15	16.03	24.44	34.7
Characteristic torsional ratio (pre-drilled holes to half screw diameter)			1.31	2.66	2.63	2.52
	Pk	Kg/m ³	450	450	450	450
Durability:			Zinc and clear passivated Service condition 2 according to EN 1995-1-1			

- The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Signature: *J. Barker*

Date: *28/6/13*

TQ Hexagon Coach Screws Dimensional data

Dimension		Unit	6mm	8mm	10mm	12mm
Head AF Dimensions	Min	mm	9.64	12.57	16.57	18.48
	Max	mm	10.00	13.00	17.00	19.00
Inner Thread Diameter	Min	mm	3.72	5.12	6.42	8.42
	Max	mm	4.20	5.60	7.00	9.00
Thread Length			≥ 0.6L			