

DECLARATION OF PERFORMANCE

DoP ref. no: TCDS381306010



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Double Sided Tooth Plate Connectors 38mm
Intended use	Structural connection of overlapping timber to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
 Structural Consultants C4Ci Ltd.
 Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
 Certificate Number: 1224-CPR-0335
 Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C6 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCDS 38M10	38mm	M10
TCDS 38	38mm	M12



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 4216N$ (acc. to EN13271 eq 6) (Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 3990N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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 identified above.
 Signed for and on behalf of the manufacturer by:

Rhonda Backwell
 Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCDS501306012



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Double Sided Tooth Plate Connectors 50mm
Intended use	Structural connection of overlapping timber to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
 Structural Consultants C4Ci Ltd.
 Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
 Certificate Number: 1224-CPR-0335
 Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C6 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCDS 50	50mm	M12
TCDS 50M10	50mm	M10
TCDS 50M16	50mm	M16



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 6363N$ (acc. to EN13271 eq 6) (Note - An additional load bearing capacity $R_{b,o,k}$ may be calculated for the bolt in accordance with EN1995-1-1)	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 5250N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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 identified above.
 Signed for and on behalf of the manufacturer by:

Rhonda Backwell
 Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCDS631306014



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Double Sided Tooth Plate Connectors 63mm
Intended use	Structural connection of overlapping timber to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
Structural Consultants C4Ci Ltd.
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
Certificate Number: 1224-CPR-0335
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C6 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCDS 63	63mm	M12
TCDS 63M10	63mm	M10
TCDS 63M16	63mm	M16



Declared Performance		
Essential characteristics	Performance	Harmonised technical specification
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 9000N$ (acc. to EN13271 eq 6) <i>(Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)</i>	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 6615N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCDS761306016



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Double Sided Tooth Plate Connectors 76mm
Intended use	Structural connection of overlapping timber to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
Structural Consultants C4Ci Ltd.
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
Certificate Number: 1224-CPR-0335
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C6 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCDS 76	75mm	M12
TCDS 76M16	75mm	M16



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 11691N$ (acc. to EN13271 eq 6) <i>(Note - An additional load bearing capacity $R_{b,d,k}$ may be calculated for the bolt in accordance with EN1995-1-1)</i>	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 7875N/mm$ (acc. to EN13271 eq 8 using $p_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCSS381306009



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Single Sided Tooth Plate Connectors 38mm
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
Structural Consultants C4Ci Ltd.
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
Certificate Number: 1224-CPR-0335
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C7 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCSS 38M10	38mm	M10
TCSS 38	38mm	M12



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 4216N$ (acc. to EN13271 eq 6) <i>(Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)</i>	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 3990N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCSS501306011



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Single Sided Tooth Plate Connectors 50mm
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
Structural Consultants C4Ci Ltd.
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
Certificate Number: 1224-CPR-0335
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C7 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d _s)	Bolt Size
TCSS 50	50mm	M12
TCSS 50M10	50mm	M10
TCSS 50M16	50mm	M16



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 6363N$ (acc. to EN13271 eq 6) <i>(Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)</i>	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 5250N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCSS631306013



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Single Sided Tooth Plate Connectors 63mm
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS International plc.
 Structural Consultants C4Ci Ltd.
 Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
 Certificate Number: 1224-CPR-0335
 Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C7 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCSS 63	63mm	M12
TCSS 63M10	63mm	M10
TCSS 63M16	63mm	M16



Declared Performance		
Essential characteristics	Performance	Harmonised technical specification
Mechanical strength	Characteristic load bearing capacity: $R_{e,k} = 9000N$ (acc. to EN13271 eq 6) (Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 6615N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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Rhonda Backwell
 Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: TCSS761306015



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Single Sided Tooth Plate Connectors 76mm
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

Teco is an ISO9001 registered firm audited by QMS international plc.
Structural Consultants C4CI Ltd.
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
Certificate Number: 1224-CPR-0335
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C7 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d.)	Bolt Size
TCSS 76	75mm	M12
TCSS 76M16	75mm	M16



Declared Performance		
Essential characteristics	Performance	Harmonised technical specification
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 11691N$ (acc. to EN13271 eq 6) <i>(Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)</i>	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 7875N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (Service Class 2 acc. to EN1995-1-1)	

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