

LWU series PA Pins with Washer

Date	15/06/12
Reference	TDS01066

PIN SPECIFICATIONS:

Material:	Carbon Steel
Hardness:	52 – 55 HRc
Typical Tensile Strength:	1950 N/mm ²
Typical Shear Strength:	1200 N/mm ²
Nominal Head Diameter:	7.8 mm
Nominal Shank Diameter:	3.7 mm
Standard Finishes:	Mechanically Zinc plated to a minimum of 6 µm


PERFORMANCE TABLES:

Working Load Limits (WLL)

<i>LWU Series Pins Installed in Concrete</i>		
Minimum Embedment (mm)	Concrete Cylinder Strength	
	25 MPa	
	Tension (kN)	Shear (kN)
25.0	0.50	0.50

Working Load Limits (WLL)

<i>LWU Series Pins Installed in Steel</i>		
Minimum Steel Thickness (mm)	A36 Steel - Ultimate Tensile Strength	
	400 – 550 MPa	
	Tension (kN)	Shear (kN)
5.0	1.50	1.50

Please Note:

All Values published are allowable working loads.
 All visible failures must be replaced.
 As concrete composition may vary, jobsite testing is recommended to determine actual jobsite values.
 It is required to have a minimum of 5 fastenings per fastened unit.