

SAPPHIRE SELF DRILLING

LS Range



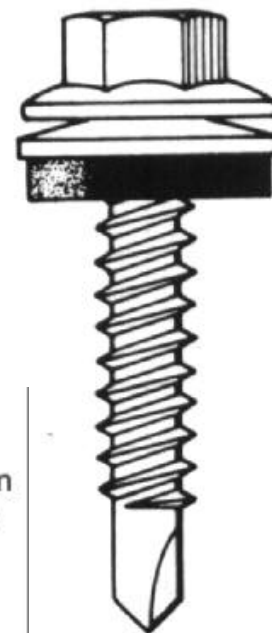
Ultimate Fastener Tensile Strength



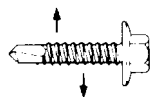
Fastener Dia	kN
5.5 x L	12.50

Material Specification

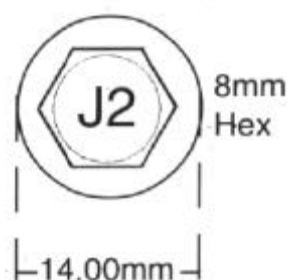
High quality grade casehardened carbon steel to DIN standard 7504. Corrosion resistance finish in 'Climadur' organic coat.



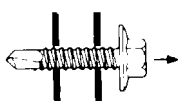
Ultimate Fastener Shear Strength



Fastener Dia	kN
5.5 x L	8.95



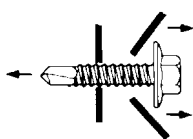
Ultimate Pullout Load kN



Fastener Dia	Nominal Steel Thickness (mm)						
	1.2	1.4	1.6	1.8	2.0	2.5	3.0
5.5 x L	2.75	3.32	3.89	4.47	5.16	6.45	7.95

Figures based on tests from steel designated as Grade Z35 (BS 2989), minimum yield strength 350Nmm⁻².

Ultimate Pullover Load kN



Washer Face	Nominal Sheet Thickness (mm)			
	0.50	0.70	0.90	1.20
Unwashed	-	6.72	7.83	12.2
G16 Washer	4.90	5.60	5.90	-
G19 Washer	5.25	5.90	6.30	9.90

Figures for washered fasteners based on use with R38 profile steel sheets with fastener located in valley of profile and tested in accordance with BS 5427. Unwashed results taken from D35A Profile Standard decking sheets fixed in the valley.

Figures above are based on results obtained from tests carried out in our Appicentre in accordance with equipment conforming to BS 5427 on a random sample of fasteners manufactured to EJOT tolerances. Information supplied should form part of a general guide and should performance data for a specific application be required please do not hesitate to contact us.