

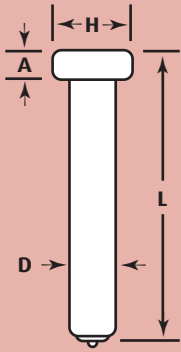
**SHEARSTUD**<sup>®</sup>  
www.shearstud.com

**S T U D S   A N D   F E R R U L E S**



**THE WORLD'S No1 SHEAR CONNECTOR SUPPLIER.**

**FOR A COMPETITIVE QUOTE CALL +44 (0)1335 34 74 74**



**Shear Connector Studs** are designed to tie the concrete to the steel beams and to resist shear loadings between the concrete slab and steel beam in composite construction.

**Length:** Length is before weld. The shear connector studs, when welded to base metal will be approximately 5mm shorter after weld and when welded through deck 10mm shorter after weld. Lengths for shear connector studs are generally set by governing specifications. Ask a Shearstud Ltd representative for other lengths available for specific applications. Made to order lengths are available upon request.

Specification	Diameter	Length	Straight to Steel Length After Weld	Thru Deck Length After Weld	A	H	Ferrule Type
BS EN ISO 13918	13 mm	80 mm	75 mm		8 mm	25 mm	Straight to Steel
		105 mm	100 mm		8 mm	25 mm	
		130 mm	125 mm		8 mm	25 mm	
		155 mm	150 mm		8 mm	25 mm	
		180 mm	175 mm		8 mm	25 mm	
		205 mm	200 mm		8 mm	25 mm	
BS EN ISO 13918	16 mm	80 mm	75 mm		8 mm	32 mm	Straight to Steel
		105 mm	100 mm		8 mm	32 mm	
		130 mm	125 mm		8 mm	32 mm	
		155 mm	150 mm		8 mm	32 mm	
		180 mm	175 mm		8 mm	32 mm	
		205 mm	200 mm		8 mm	32 mm	
BS 5400 & BS EN ISO 13918	19 mm	80 mm	75 mm	70 mm	10 mm	32 mm	Thru Deck or Straight to Steel
		105 mm	100 mm	95 mm	10 mm	32 mm	
		130 mm	125 mm	120 mm	10 mm	32 mm	
		155 mm	150 mm	145 mm	10 mm	32 mm	
		180 mm	175 mm	170 mm	10 mm	32 mm	
		205 mm	200 mm	195 mm	10 mm	32 mm	
BS 5400 & BS EN ISO 13918	22 mm	105 mm	100 mm		10 mm	35 mm	Straight to Steel
		130 mm	125 mm		10 mm	35 mm	
		155 mm	150 mm		10 mm	35 mm	
		180 mm	175 mm		10 mm	35 mm	
		205 mm	200 mm		10 mm	35 mm	
		BS 5400 & BS EN ISO 13918	25 mm	105 mm	100 mm		
130 mm	125 mm				13 mm	41 mm	
155 mm	150 mm				13 mm	41 mm	
180 mm	175 mm				13 mm	41 mm	
205 mm	200 mm				13 mm	41 mm	
<b>TENSILE TEST BS EN 10002-1:2001</b>				<b>YIELD STRENGTH MIN</b>		<b>TENSILE STRENGTH MIN</b>	
SPECIFICATION BS EN ISO 13918:1998		350		450		15%	
SPECIFICATION BS 5400		385		495		15%	

