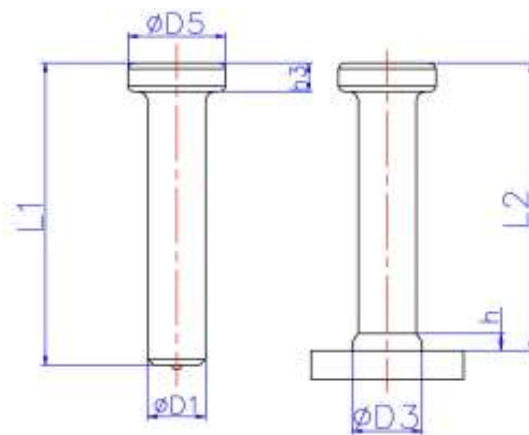


Shear Connectors

Standard: ISO 13918, AWS D1.1, AWS D1.5, BS 5400, AS/NZS 1552.4, JIS B 1



Before Weld

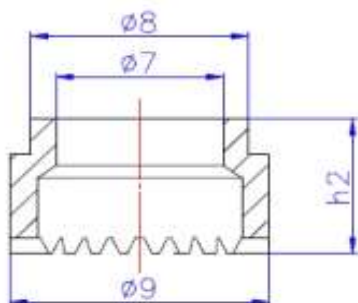
After Weld

Dimension (mm)							Flux	
D1	L1	D5	h3	D3*	h*	L1 Burn off*	Depth max.	Height Min
13	27-165	22	8	17	3	3	1	0.7
16	50-255	32	8	21	4.5	4	1	0.7
19	50-255	32	10	23	6	4.5	1.4	1.15
22	90-255	35	10	29	6	5	1.4	1.15
25	90-255	41	12	31	7	5.5	1.4	1.15

Material	Mid Steel SWRCH18A
Tensile Strength Min.	450N/mm ²
Yield Strength min.	350N/mm ²
Elongation min.	15%
Wire surface treatment	Phosphate plating

Ceramic Ferrules for Shear Connectors

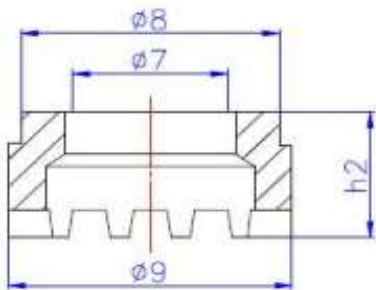
Type UF (ISO 13918: 2008)



Specification	Dimensions				
	D7		D8+/- 1	D9 +/- 1	h2 ~
	Min.	Max.			
UF13	13.1	13.6	20	22.2	11
UF16	16.3	16.8	26	30	13
UF19	19.4	19.9	26	30.8	16.7
UF22	22.8	23.3	30.7	38.5	18.5
UF25	26	26.5	35.5	41	21

Ceramic Ferrules for Shear Connectors - Weld through metal deck

Type WUF (ISO 13918: 2008)



Specification	Dimensions				
	D7		D8+/- 1	D9 +/- 1	h2 ~
	Min.	Max.			
WUF16	16.3	16.8	26.1	30.6	15.8
WUF19	19.4	19.9	30.7	33.5	15