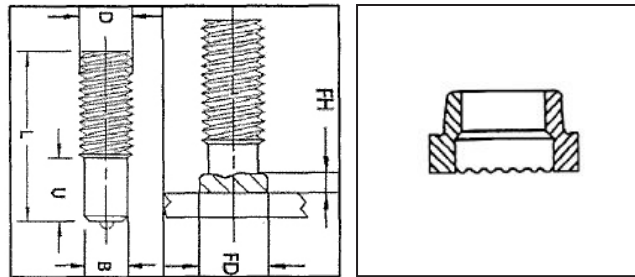


RB

REDUCED WELD BASE THREADED STUD



D Diameter	L Min Length	SWP Part#	B Base Diam- eter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number
3/8-16	3/4	RB 3816 34	.310	3/8	7/16	7/64	FER06-R
7/16-14	7/8	RB 71614 78	.373	3/8	1/2	1/8	FER06-R
1/2-13	7/8	RB 1213 78	.435	7/16	19/32	9/64	FER06-R
5/8-11	1-1/2	RB 5811 112	.500	1/2	11/16	5/32	FER06-R
3/4-10	1-3/16	RB 3410 1316	.625	5/8	7/8	3/16	FER06-R
7/8-9	1-1/2	RB 789 112	.750	1	1-1/16	1/4	FER06-R
1-8	2	RB 18 2	.875	1	1-1/8	5/16	FER06-R

*Also available in metric. See ferrule spec sheet for ferrule specs.

RB Studs are used in all types of applications. They can be welded to a flat surface, or to the inside or outside of an angle.

Length: Length is listed before weld. Studs diameters 1/2" and below will be approx. 1/8" shorter after welding. 5/8" will be approx. 3/16" shorter after welding. Tru-Deck applications burn off 3/8". Stud Welding Products RB Studs can be made in any length above the standard minimum.

Material: Low carbon steel, ASTM A29, 1010 1020. RB studs are also available in weldable stainless steel. Type 302 is the most commonly used. Other grades of stainless steel (except Type 303) are available when required.

Low Carbon Mechanical Property Requirements	
Tensile Strength	61,000 psi min.
Yield Strength	49,000 psi min.
Elongation (% in 2 in.)	17% min.
Elongation (% in 5x dia.)	14% min.
Reduction of Area	50% min.

HOW TO ORDER

Specify diameter, thread size before weld (BW) length, type of material.

EXAMPLE

1/2-13 x 1-1/8" (BW) partial thread (PT), mild steel

When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCPSS 1420 1

STUD WELDING PRODUCTS, INC.

Los Angeles • San Francisco • Seattle • Phoenix

Toll Free: 800.252.1919 • www.studweldprod.com