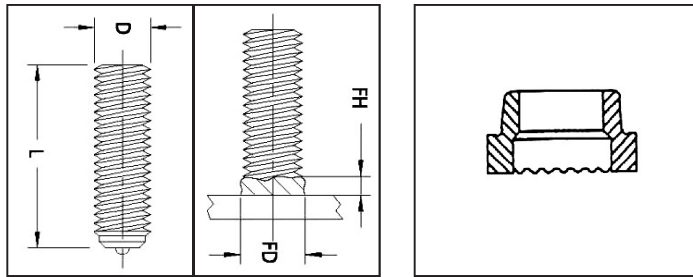


# PCF FULL THREAD STUDS



D Diameter	L Length	SWP Part#	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
1/4-20	5/8	PCF 1420 58	23/64	7/64	FER04-FHD	8.3 lbs.
1/4-20	3/4	PCF 1420 34	23/64	7/64	FER04-FHD	8.3 lbs.
1/4-20	7/8	PCF 1420 78	23/64	7/64	FER04-FHD	11 lbs.
1/4-20	1	PCF 1420 1	23/64	7/64	FER04-FHD	11 lbs.
1/4-20	1-1/8	PCF 1420 118	23/64	7/64	FER04-FHD	13.8 lbs.
1/4-20	1-1/4	PCF 1420 114	23/64	7/64	FER04-FHD	13.8 lbs.
1/4-20	1-3/8	PCF 1420 138	23/64	7/64	FER04-FHD	16.5 lbs.
1/4-20	1-1/2	PCF 1420 112	23/64	7/64	FER04-FHD	16.5 lbs.
1/4-20	1-5/8	PCF 1420 158	23/64	7/64	FER04-FHD	19.3 lbs.
1/4-20	2	PCF 1420 2	23/64	7/64	FER04-FHD	22 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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.

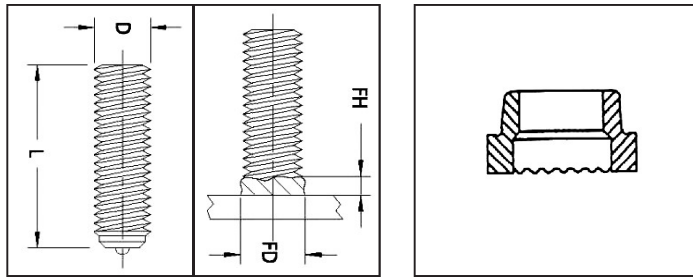
Low Carbon Mechanical Property Requirements		<b>HOW TO ORDER</b> Specify diameter, thread size before weld (BW) length, type of material. <b>EXAMPLE</b> 1/2-13 x 1-1/8" (BW) partial thread (FT), mild steel When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1
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.	

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# PCF FULL THREAD STUDS



D Diameter	L Length	SWP Part#	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
5/16-18	5/8	PCF 51618 58	7/16	7/64	FER05-FHD	12.8 lbs.
5/16-18	3/4	PCF 51618 34	7/16	7/64	FER05-FHD	12.8 lbs.
5/16-18	7/8	PCF 51618 78	7/16	7/64	FER05-FHD	17 lbs.
5/16-18	1	PCF 51618 1	7/16	7/64	FER05-FHD	17 lbs.
5/16-18	1-1/8	PCF 51618 118	7/16	7/64	FER05-FHD	21.3 lbs.
5/16-18	1-1/4	PCF 51618 114	7/16	7/64	FER05-FHD	21.3 lbs.
5/16-18	1-3/8	PCF 51618 138	7/16	7/64	FER05-FHD	25.5 lbs.
5/16-18	1-1/2	PCF 51618 112	7/16	7/64	FER05-FHD	25.5 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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 (FT), mild steel

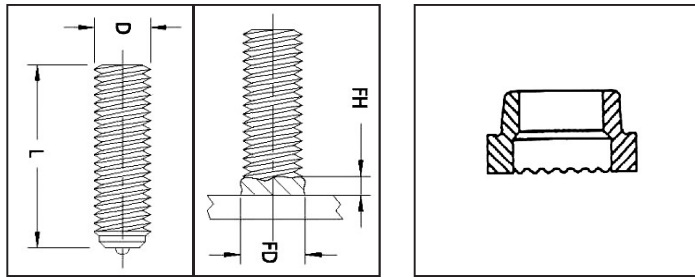
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1

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# PCF FULL THREAD STUDS



D Diameter	L Length	SWP Part#	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
3/8-16	3/4	PCF 3816 34	1/2	1/8	FER06-FHD	18.8 lbs.
3/8-16	7/8	PCF 3816 78	1/2	1/8	FER06-FHD	25 lbs.
3/8-16	1	PCF 3816 1	1/2	1/8	FER06-FHD	25 lbs.
3/8-16	1-1/8	PCF 3816 118	1/2	1/8	FER06-FHD	31.3 lbs.
3/8-16	1-1/4	PCF 3816 114	1/2	1/8	FER06-FHD	31.3 lbs.
3/8-16	1-3/8	PCF 3816 138	1/2	1/8	FER06-FHD	37.5 lbs.
3/8-16	1-1/2	PCF 3816 112	1/2	1/8	FER06-FHD	37.5 lbs.
3/8-16	1-3/4	PCF 3816 134	1/2	1/8	FER06-FHD	43.8 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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 (FT), mild steel

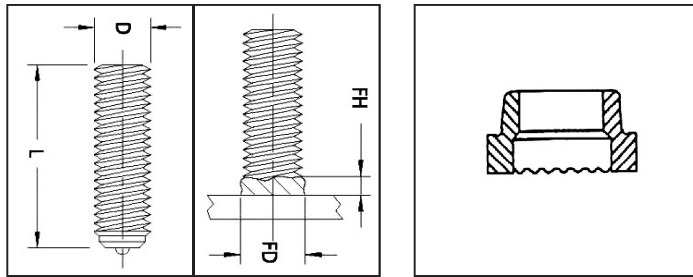
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1

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# PCF FULL THREAD STUDS



<b>D</b> Diameter	<b>L</b> Length	<b>SWP</b> <b>Part#</b>	<b>FD</b> Weld Fillet Diameter	<b>FH</b> Weld Fillet Height	<b>Ferrule</b> Part Number	1,000 Piece Weight
1/2-13	7/8	PCF 1213 78	11/16	5/32	FER08-FHD	46 lbs.
1/2-13	1	PCF 1213 1	11/16	5/32	FER08-FHD	46 lbs.
1/2-13	1-1/8	PCF 1213 118	11/16	5/32	FER08-FHD	57.5 lbs.
1/2-13	1-1/4	PCF 1213 114	11/16	5/32	FER08-FHD	57.5 lbs.
1/2-13	1-3/8	PCF 1213 138	11/16	5/32	FER08-FHD	69 lbs.
1/2-13	1-1/2	PCF 1213 112	11/16	5/32	FER08-FHD	69 lbs.
1/2-13	1-5/8	PCF 1213 158	11/16	5/32	FER08-FHD	80.5 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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.

<b>Low Carbon Mechanical Property Requirements</b>	
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 (FT), mild steel

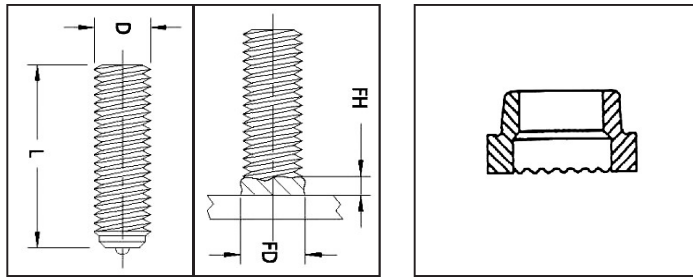
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1

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# PCF FULL THREAD STUDS



<b>D</b> Diameter	<b>L</b> Length	<b>SWP</b> <b>Part#</b>	<b>FD</b> Weld Fillet Diameter	<b>FH</b> Weld Fillet Height	<b>Ferrule</b> Part Number	1,000 Piece Weight
5/8	1	PCF 5811 1	7/8	3/16	FER10-FHD	70 lbs.
5/8	1-1/4	PCF 5811 114	7/8	3/16	FER10-FHD	87.5 lbs.
5/8	1-1/2	PCF 5811 112	7/8	3/16	FER10-FHD	105 lbs.
5/8	2	PCF 5811 2	7/8	3/16	FER10-FHD	140 lbs.
5/8	2-1/4	PCF 5811 214	7/8	3/16	FER10-FHD	157.5 lbs.
5/8	2-1/2	PCF 5811 212	7/8	3/16	FER10-FHD	175 lbs.
5/8	3	PCF 5811 3	7/8	3/16	FER10-FHD	210 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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.

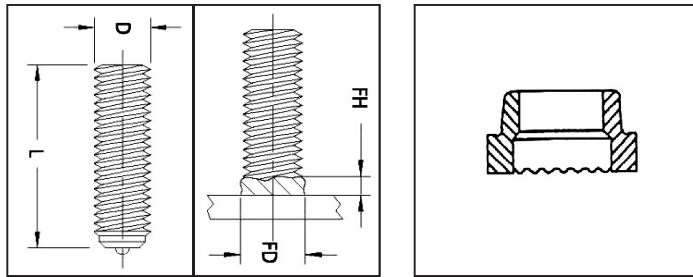
<b>Low Carbon Mechanical Property Requirements</b>		<b>HOW TO ORDER</b> Specify diameter, thread size before weld (BW) length, type of material. <b>EXAMPLE</b> 1/2-13 x 1-1/8" (BW) partial thread (FT), mild steel When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1
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.	

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# PCF FULL THREAD STUDS



<b>D</b> Diameter	<b>L</b> Length	<b>SWP</b> <b>Part#</b>	<b>FD</b> Weld Fillet Diameter	<b>FH</b> Weld Fillet Height	<b>Ferrule</b> Part Number	1,000 Piece Weight
3/4	1	PCF 3410 1	1-1/16	1/4	FER12-F	133.8 lbs.
3/4	1-1/4	PCF 3410 114	1-1/16	1/4	FER12-F	133.8 lbs.
3/4	1-1/2	PCF 3410 112	1-1/16	1/4	FER12-F	160.5 lbs.
3/4	1-3/4	PCF 3410 134	1-1/16	1/4	FER12-F	187.3 lbs.
3/4	2	PCF 3410 2	1-1/16	1/4	FER12-F	214 lbs.
3/4	2-1/4	PCF 3410 214	1-1/16	1/4	FER12-F	240.8 lbs.
3/4	2-1/2	PCF 3410 212	1-1/16	1/4	FER12-F	267.5 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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.

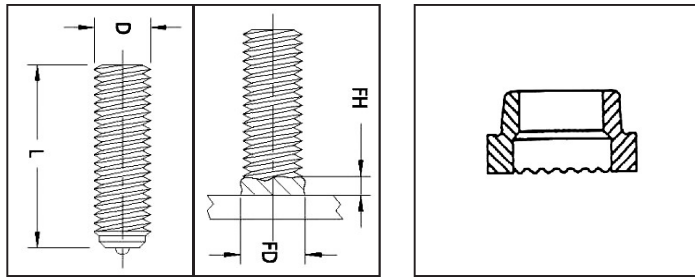
<b>Low Carbon Mechanical Property Requirements</b>		<b>HOW TO ORDER</b> Specify diameter, thread size before weld (BW) length, type of material. <b>EXAMPLE</b> 1/2-13 x 1-1/8" (BW) partial thread (FT), mild steel When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCFSS 1420 1
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.	

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# PCF FULL THREAD STUDS



<b>D</b> Diameter	<b>L</b> Length	<b>SWP</b> <b>Part#</b>	<b>FD</b> Weld Fillet Diameter	<b>FH</b> Weld Fillet Height	<b>Ferrule</b> Part Number	1,000 Piece Weight
7/8	2	PCF 789 2	1-1/8	5/16	FER14-F	325 lbs.
7/8	2-1/2	PCF 789 212	1-1/8	5/16	FER14-F	406.3 lbs.
7/8	3	PCF 789 3	1-1/8	5/16	FER14-F	487.5 lbs.
7/8	3-1/2	PCF 789 312	1-1/8	5/16	FER14-F	568.8 lbs.
7/8	4	PCF 789 4	1-1/8	5/16	FER14-F	650 lbs.
7/8	4-1/2	PCF 789 412	1-1/8	5/16	FER14-F	731.3 lbs.
7/8	5	PCF 789 5	1-1/8	5/16	FER14-F	812.5 lbs.

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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.

<b>Low Carbon Mechanical Property Requirements</b>		<b>HOW TO ORDER</b>	
Tensile Strength	61,000 psi min.	Specify diameter, thread size before weld (BW) length, type of material.	
Yield Strength	49,000 psi min.	<b>EXAMPLE</b>	
Elongation (% in 2 in.)	17% min.	1/2-13 x 1-1/8" (BW) partial thread (FT), mild steel	
Elongation (% in 5x dia.)	14% min.	When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel	
Reduction of Area	50% min.	1/4-20x1"= PCFSS 1420 1	

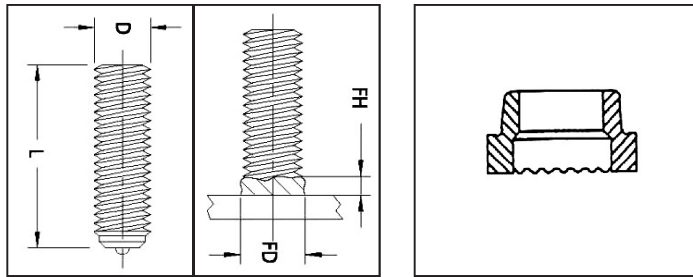
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# PCF FULL THREAD STUDS



D Diameter	L Length	SWP Part#	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
1	2	PCF 18 2	1-3/8	3/8	FER16-F	
1	2-1/2	PCF 18 212	1-3/8	3/8	FER16-F	
1	3	PCF 18 3	1-3/8	3/8	FER16-F	
1	3-1/2	PCF 18 312	1-3/8	3/8	FER16-F	
1	4	PCF 18 4	1-3/8	3/8	FER16-F	
1	4-1/2	PCF 18 412	1-3/8	3/8	FER16-F	
1	5	PCF 18 5	1-3/8	3/8	FER16-F	

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

**Full Thread 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 PCF Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29, 1010 1020. PCF 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 (FT), mild steel

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

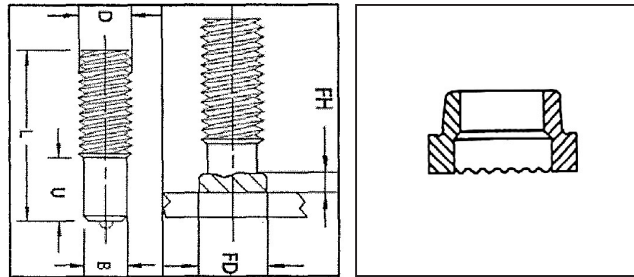
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# RB REDUCED WELD BASE THREADED STUD



<b>D</b> Diameter	<b>L</b> Min Length	<b>SWP</b> <b>Part#</b>	<b>B</b> Base Diameter	<b>U</b> Minimum Base Length	<b>FD</b> Weld Fillet Diameter	<b>FH</b> Weld Fillet Height	<b>Ferrule</b> 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
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		<b>HOW TO ORDER</b> Specify diameter, thread size before weld (BW) length, type of material. <b>EXAMPLE</b> 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
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.	

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