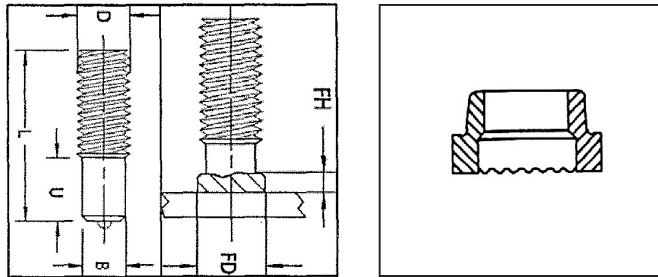


PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
1/4-20	7/8	PCP 1420 78	.215	3/8	5/16	3/32	FER04-P	8.3 lbs.
1/4-20	1	PCP 1420 1	.215	3/8	5/16	3/32	FER04-P	11 lbs.
1/4-20	1-1/8	PCP 1420 118	.215	3/8	5/16	3/32	FER04-P	13.8 lbs.
1/4-20	1-1/4	PCP 1420 114	.215	3/8	5/16	3/32	FER04-P	13.8 lbs.
1/4-20	1-3/8	PCP 1420 138	.215	3/8	5/16	3/32	FER04-P	16.5 lbs.
1/4-20	1-1/2	PCP 1420 112	.215	3/8	5/16	3/32	FER04-P	16.5 lbs.
1/4-20	1-5/8	PCP 1420 158	.215	3/8	5/16	3/32	FER04-P	19.3 lbs.
1/4-20	1-3/4	PCP 1420 134	.215	3/8	5/16	3/32	FER04-P	19.3 lbs.
1/4-20	2	PCP 1420 2	.215	3/8	5/16	3/32	FER04-P	22 lbs.
1/4-20	2-1/8	PCP 1420 218	.215	3/8	5/16	3/32	FER04-P	24.8 lbs.
1/4-20	3-3/8	PCP 1420 338	.215	3/8	5/16	3/32	FER04-P	38.5 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 are available when required.

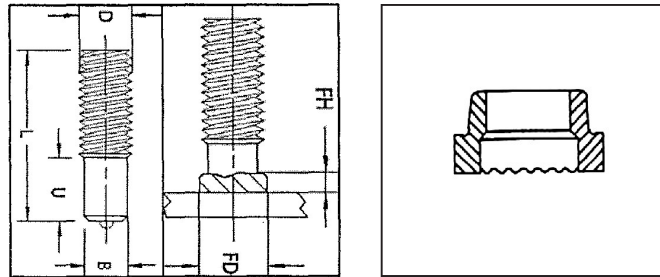
Low Carbon Mechanical Property Requirements		<p align="center">HOW TO ORDER</p> <p>Specify diameter, thread size before weld (BW) length, type of material.</p> <p align="center">EXAMPLE</p> <p>1/2-13 x 1-1/8" (BW) partial thread (PCP), mild steel</p> <p>When ordering Stainless Steel, SS will be added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



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
5/16-18	7/8	PCP 51618 78	.275	3/8	13/32	7/64	FER05-P	17 lbs.
5/16-18	1	PCP 51618 1	.275	3/8	13/32	7/64	FER05-P	17 lbs.
5/16-18	1-1/8	PCP 51618 118	.275	3/8	13/32	7/64	FER05-P	21.3 lbs.
5/16-18	1-1/4	PCP 51618 114	.275	3/8	13/32	7/64	FER05-P	21.3 lbs.
5/16-18	1-3/8	PCP 51618 138	.275	3/8	13/32	7/64	FER05-P	25.5 lbs.
5/16-18	1-1/2	PCP 51618 112	.275	3/8	13/32	7/64	FER05-P	25.5 lbs.
5/16-18	1-5/8	PCP 51618 158	.275	3/8	13/32	7/64	FER05-P	29.8 lbs.
5/16-18	1-3/4	PCP 51618 134	.275	3/8	13/32	7/64	FER05-P	29.8 lbs.
5/16-18	2	PCP 51618 2	.275	3/8	13/32	7/64	FER05-P	34 lbs.
5/16-18	3	PCP 51618 3	.275	3/8	13/32	7/64	FER05-P	51 lbs.
5/16-18	4	PCP 51618 4	.275	3/8	13/32	7/64	FER05-P	68 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 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

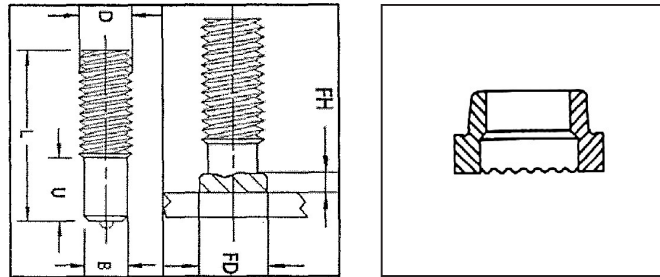
1/2-13 x 1-1/8" (BW) partial thread (PT), mild steel
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel
1/4-20x1" = PCPSS 1420 1

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PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
3/8-16	7/8	PCP 3816 78	.330	13/32	7/16	7/64	FER06-P	25 lbs.
3/8-16	1	PCP 3816 1	.330	13/32	7/16	7/64	FER06-P	25 lbs.
3/8-16	1-1/8	PCP 3816 118	.330	13/32	7/16	7/64	FER06-P	31.3 lbs.
3/8-16	1-3/8	PCP 3816 138	.330	13/32	7/16	7/64	FER06-P	37.5 lbs.
3/8-16	1-1/2	PCP 3816 112	.330	13/32	7/16	7/64	FER06-P	37.5 lbs.
3/8-16	1-5/8	PCP 3816 158	.330	13/32	7/16	7/64	FER06-P	43.8 lbs.
3/8-16	1-3/4	PCP 3816 134	.330	13/32	7/16	7/64	FER06-P	43.8 lbs.
3/8-16	2	PCP 3816 2	.330	13/32	7/16	7/64	FER06-P	50 lbs.
3/8-16	2-1/8	PCP 3816 218	.330	13/32	7/16	7/64	FER06-P	56.3 lbs.
3/8-16	2-1/4	PCP 3816 214	.330	13/32	7/16	7/64	FER06-P	56.3 lbs.
3/8-16	2-3/8	PCP 3816 238	.330	13/32	7/16	7/64	FER06-P	62.5 lbs.
3/8-16	2-1/2	PCP 3816 212	.330	13/32	7/16	7/64	FER06-P	62.5 lbs.
3/8-16	2-5/8	PCP 3816 258	.330	13/32	7/16	7/64	FER06-P	68.8 lbs.
3/8-16	2-3/4	PCP 3816 234	.330	13/32	7/16	7/64	FER06-P	68.8 lbs.
3/8-16	2-7/8	PCP 3816 278	.330	13/32	7/16	7/64	FER06-P	75 lbs.
3/8-16	3	PCP 3816 3	.330	13/32	7/16	7/64	FER06-P	75 lbs.
3/8-16	3-1/8	PCP 3816 318	.330	13/32	7/16	7/64	FER06-P	81.3 lbs.
3/8-16	3-1/2	PCP 3816 312	.330	13/32	7/16	7/64	FER06-P	87.5 lbs.
3/8-16	4	PCP 3816 4	.330	13/32	7/16	7/64	FER06-P	100 lbs.
3/8-16	5	PCP 3816 5	.330	13/32	7/16	7/64	FER06-P	125 lbs.
3/8-16	6	PCP 3816 6	.330	13/32	7/16	7/64	FER06-P	150 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 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.

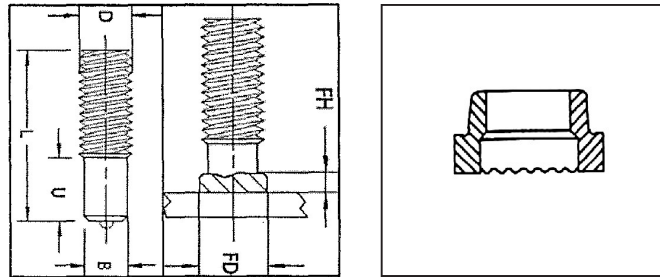
HOW TO ORDER
Specify diameter, thread size before weld (BW) length, type of material.
EXAMPLE
1/2-13 x 1-1/8" (BW) partial thread (PT), mild steel
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCPSS 1420 1

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PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
1/2-13	1	PCP 1213 1	.448	1/2	19/32	5/32	FER08-P	46 lbs.
1/2-13	1-1/8	PCP 1213 118	.448	1/2	19/32	5/32	FER08-P	57.5 lbs.
1/2-13	1-1/2	PCP 1213 112	.448	1/2	19/32	5/32	FER08-P	69 lbs.
1/2-13	2	PCP 1213 2	.448	1/2	19/32	5/32	FER08-P	92 lbs.
1/2-13	2-1/2	PCP 1213 212	.448	1/2	19/32	5/32	FER08-P	115 lbs.
1/2-13	3	PCP 1213 3	.448	1/2	19/32	5/32	FER08-P	138 lbs.
1/2-13	3-1/2	PCP 1213 312	.448	1/2	19/32	5/32	FER08-P	161 lbs.
1/2-13	4	PCP 1213 4	.448	1/2	19/32	5/32	FER08-P	184 lbs.
1/2-13	4-1/2	PCP 1213 4	.448	1/2	19/32	5/32	FER08-P	207 lbs.
1/2-13	5	PCP 1213 5	.448	1/2	19/32	5/32	FER08-P	230 lbs.
1/2-13	5-1/2	PCP 1213 512	.448	1/2	19/32	5/32	FER08-P	253 lbs.
1/2-13	6	PCP 1213 6	.448	1/2	19/32	5/32	FER08-P	276 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 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

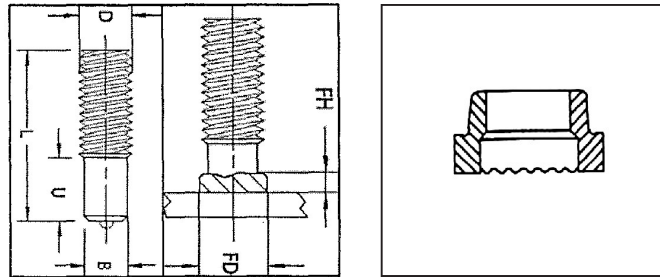
1/2-13 x 1-1/8" (BW) partial thread (PT), mild steel
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1" = PCPSS 1420 1

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PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
5/8-11	1-1/4	PCP 5811 114	.562	5/8	3/4	3/16	FER10-P	87.5 lbs.
5/8-11	1-1/2	PCP 5811 112	.562	5/8	3/4	3/16	FER10-P	105 lbs.
5/8-11	2	PCP 5811 2	.562	5/8	3/4	3/16	FER10-P	140 lbs.
5/8-11	2-1/2	PCP 5811 212	.562	5/8	3/4	3/16	FER10-P	175 lbs.
5/8-11	3	PCP 5811 3	.562	5/8	3/4	3/16	FER10-P	210 lbs.
5/8-11	3-1/2	PCP 5811 312	.562	5/8	3/4	3/16	FER10-P	245 lbs.
5/8-11	4	PCP 5811 4	.562	5/8	3/4	3/16	FER10-P	280 lbs.
5/8-11	5	PCP 5811 5	.562	5/8	3/4	3/16	FER10-P	350 lbs.
5/8-11	5-1/2	PCP 5811 512	.562	5/8	3/4	3/16	FER10-P	385 lbs.
5/8-11	6	PCP 5811 6	.562	5/8	3/4	3/16	FER10-P	420 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 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

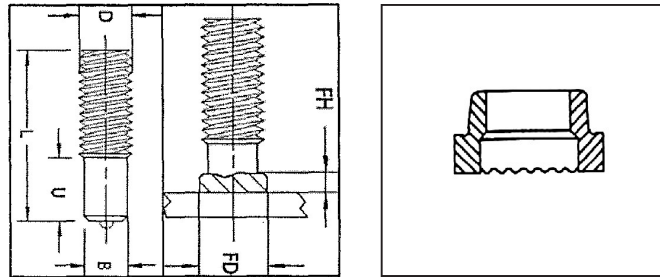
1/2-13 x 1-1/8" (BW) partial thread (PT), mild steel
When ordering Stainless Steel, SS will be added to the part number. Example: Partial Thread Stainless Steel 1/4-20x1"= PCPSS 1420 1

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PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
3/4-10	1-1/2	PCP 3410 112	.680	13/16	7/8	1/4	FER12-P	160.5 lbs.
3/4-10	2	PCP 3410 2	.680	13/16	7/8	1/4	FER12-P	214 lbs.
3/4-10	2-1/2	PCP 3410 212	.680	13/16	7/8	1/4	FER12-P	267.5 lbs.
3/4-10	3	PCP 3410 3	.680	13/16	7/8	1/4	FER12-P	321 lbs.
3/4-10	3-1/2	PCP 3410 312	.680	13/16	7/8	1/4	FER12-P	374.5 lbs.
3/4-10	4	PCP 3410 4	.680	13/16	7/8	1/4	FER12-P	428 lbs.
3/4-10	4-1/2	PCP 3410 412	.680	13/16	7/8	1/4	FER12-P	481.5 lbs.
3/4-10	5	PCP 3410 5	.680	13/16	7/8	1/4	FER12-P	535 lbs.
3/4-10	5-1/2	PCP 3410 512	.680	13/16	7/8	1/4	FER12-P	588.5 lbs.
3/4-10	6	PCP 3410 6	.680	13/16	7/8	1/4	FER12-P	642 lbs.

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

Partial Thread Studs are used in all types of applications.

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".

Material: Low carbon steel, ASTM A29, 1010 1020. PCP studs are also available in weld able stainless steel. Grade 302 is the most commonly used, however other grades such as 304, 316, 321, 310, and 430 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.
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HOW TO ORDER

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EXAMPLE

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

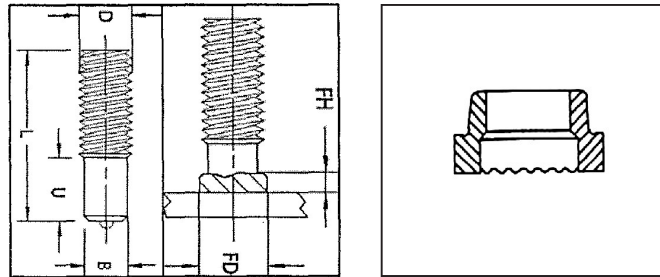
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PCP PARTIAL THREAD STUDS



D Diameter	L Length	SWP Part#	B Base Diameter	U Minimum Base Length	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number	1,000 Piece Weight
7/8-9	2	PCP 789 2	.798	7/8	1	5/16	FER14-P	325 lbs.
7/8-9	2-1/2	PCP 789 212	.798	7/8	1	5/16	FER14-P	406.3 lbs.
7/8-9	3	PCP 789 3	.798	7/8	1	5/16	FER14-P	487.5 lbs.
7/8-9	3-1/2	PCP 789 312	.798	7/8	1	5/16	FER14-P	568.8 lbs.
7/8-9	4	PCP 789 4	.798	7/8	1	5/16	FER14-P	650 lbs.
7/8-9	4-1/2	PCP 789 412	.798	7/8	1	5/16	FER14-P	731.3 lbs.
7/8-9	5	PCP 789 5	.798	7/8	1	5/16	FER14-P	812.5 lbs.
7/8-9	5-1/2	PCP 789 512	.798	7/8	1	5/16	FER14-P	893.75 lbs.
7/8-9	6	PCP 789 6	.798	7/8	1	5/16	FER14-P	975 lbs.

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

Partial Thread Studs are used in all types of applications.

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