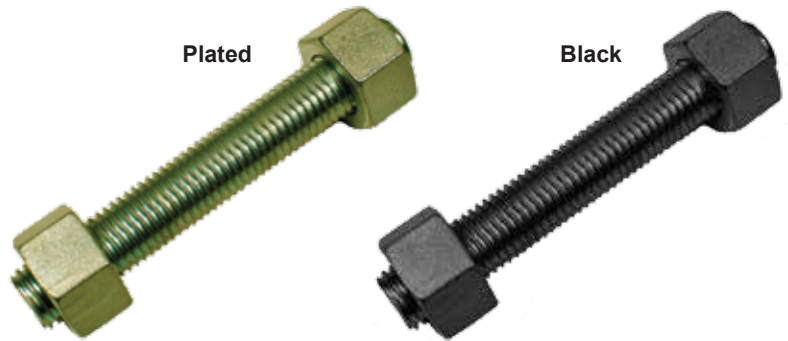


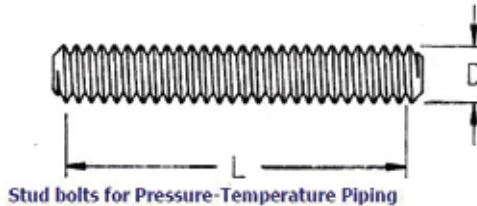
B7 STUDS



Specification:

- The material for B7 Studs and Nuts conform to the requirements of ASTM A193 Grade B7, AISI 4140, 4142, 4105
- High strength carbon steel, maximum yield strength of 105,000 PSI and minimum tensile strength of 125,000 PSI
- For 1" and smaller : threads are Unified inch coarse or fine series (UNC or UNF series), Class 2A, in accordance with ANSI/ASME B1.1
- For size larger than 1": threads are Unified coarse or 8 thread series (UNC or 8 UN Series)
- Screw threads are based on System 21 of ANSI/ASME B1.3
- Coating available in Plated and Black

STUD BOLTS FOR PRESSURE-TEMPERATURE PIPING



REFERENCE

Stud bolts for pressure-temperature applications conform to the requirements of ANSI/ASME B16.5, Steel Pipe Flanges and Flanged Fittings.]

ENGINEER APPROVAL

Plated

- 1/2"
- 5/8"
- 3/4"
- 7/8"
- 1"
- 1 1/8"
- 1 1/4"
- 1 3/8"

Black

- 1/2"
- 5/8"
- 3/4"
- 7/8"
- 1"
- 1 1/8"
- 1 1/4"
- 1 3/8"

JOB: _____ DATE: ___/___/___

MEETS DIMENSIONAL SPECIFICATIONS: YES NO

MEETS MATERIAL SPECIFICATIONS: YES NO

MEETS PRESSURE / TEMPERATURE SPECIFICATIONS: YES NO

NOTES: _____

ENGINEER NAME: _____

ENGINEER SIGNATURE: _____

* Due to the continuous development of our products, design or construction may change without prior notice.

B7 STUDS

Plated - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1/2"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL.50x2.50	1/2 x 2 1/2	150	0.25	
	B7SWNPL.50x2.75	1/2 x 2 3/4	150	0.26	
	B7SWNPL.50x3	1/2 x 3	140	0.27	
	B7SWNPL.50x3.25	1/2 x 3 1/4	100	0.28	
	B7SWNPL.50x3.50	1/2 x 3 1/2	100	0.29	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

5/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL.625x3	5/8 x 3	80	0.46	
	B7SWNPL.625x3.25	5/8 x 3 1/4	70	0.48	
	B7SWNPL.625x3.50	5/8 x 3 1/2	70	0.50	
	B7SWNPL.625x3.75	5/8 x 3 3/4	70	0.52	
	B7SWNPL.625x4	5/8 x 4	70	0.53	
	B7SWNPL.625x4.25	5/8 x 4 1/4	70	0.55	
	B7SWNPL.625x4.5	5/8 x 4 1/2	70	0.57	
	B7SWNPL.625x4.75	5/8 x 4 3/4	50	0.59	
	B7SWNPL.625x5	5/8 x 5	60	0.60	
	B7SWNPL.625x5.25	5/8 x 5 1/4	50	0.62	
	B7SWNPL.625x5.50	5/8 x 5 1/2	50	0.64	
	B7SWNPL.625x6	5/8 x 6	50	0.68	
	B7SWNPL.625x6.25	5/8 x 6 1/4	50	0.69	
	B7SWNPL.625x6.50	5/8 x 6 1/2	50	0.71	
	B7SWNPL.625x7	5/8 x 7	50	0.75	
	B7SWNPL.625x8	5/8 x 8	40	0.82	
	B7SWNPL.625x9	5/8 x 9	40	0.89	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

3/4"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL.75x3.75	3/4 x 3 3/4	45	0.80	
	B7SWNPL.75x4	3/4 x 4	45	0.82	
	B7SWNPL.75x4.25	3/4 x 4 1/4	40	0.85	
	B7SWNPL.75x4.50	3/4 x 4 1/2	40	0.87	
	B7SWNPL.75x4.75	3/4 x 4 3/4	40	0.90	
	B7SWNPL.75x5	3/4 x 5	40	0.92	
	B7SWNPL.75x5.25	3/4 x 5 1/4	40	0.95	
	B7SWNPL.75x5.50	3/4 x 5 1/2	40	0.98	
	B7SWNPL.75x5.75	3/4 x 5 3/4	35	1.00	
	B7SWNPL.75x6	3/4 x 6	35	1.03	
	B7SWNPL.75x6.50	3/4 x 6 1/2	35	1.08	
	B7SWNPL.75x6.75	3/4 x 6 3/4	35	1.11	
	B7SWNPL.75x7	3/4 x 7	30	1.13	
	B7SWNPL.75x7.50	3/4 x 7 1/2	30	1.18	
	B7SWNPL.75x7.75	3/4 x 7 3/4	30	1.21	
	B7SWNPL.75x8	3/4 x 8	30	1.24	
	B7SWNPL.75x8.50	3/4 x 8 1/2	25	1.29	
	B7SWNPL.75x9	3/4 x 9	25	1.34	
	B7SWNPL.75x10	3/4 x 10	25	1.44	

B7 STUDS

Plated - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

7/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL.875x4.5	7/8 x 4 1/2	30	1.27	
	B7SWNPL.875x4.75	7/8 x 4 3/4	30	1.30	
	B7SWNPL.875x5	7/8 x 5	25	1.34	
	B7SWNPL.875x5.25	7/8 x 5 1/4	25	1.37	
	B7SWNPL.875x5.50	7/8 x 5 1/2	25	1.41	
	B7SWNPL.875x5.75	7/8 x 5 3/4	25	1.44	
	B7SWNPL.875x6	7/8 x 6	25	1.48	
	B7SWNPL.875x6.25	7/8 x 6 1/4	25	1.51	
	B7SWNPL.875x6.50	7/8 x 6 1/2	25	1.55	
	B7SWNPL.875x7	7/8 x 7	20	1.62	
	B7SWNPL.875x7.50	7/8 x 7 1/2	20	1.69	
	B7SWNPL.875x8	7/8 x 8	20	1.76	
	B7SWNPL.875x8.50	7/8 x 8 1/2	20	1.84	
	B7SWNPL.875x9	7/8 x 9	20	1.91	
	B7SWNPL.875x9.25	7/8 x 9 1/4	20	1.94	
	B7SWNPL.875x9.50	7/8 x 9 1/2	15	1.98	
	B7SWNPL.875x11	7/8 x 11	15	2.19	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL1.0x5.25	1 x 5 1/4	20	1.88	
	B7SWNPL1.0x5.50	1 x 5 1/2	20	1.93	
	B7SWNPL1.0x5.75	1 x 5 3/4	20	1.97	
	B7SWNPL1.0x6	1 x 6	20	2.02	
	B7SWNPL1.0x6.25	1 x 6 1/4	20	2.07	
	B7SWNPL1.0x6.50	1 x 6 1/2	20	2.11	
	B7SWNPL1.0x6.75	1 x 6 3/4	15	2.16	
	B7SWNPL1.0x7	1 x 7	15	2.21	
	B7SWNPL1.0x7.50	1 x 7 1/2	15	2.30	
	B7SWNPL1.0x8	1 x 8	15	2.39	
	B7SWNPL1.0x8.50	1 x 8 1/2	15	2.49	
	B7SWNPL1.0x9	1 x 9	15	2.58	
	B7SWNPL1.0x13.50	1 x 13 1/2	10	3.42	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 1/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL1.125x5.75	1 1/8 x 5 3/4	15	2.63	
	B7SWNPL1.125x6.25	1 1/8 x 6 1/4	15	2.75	
	B7SWNPL1.125x6.50	1 1/8 x 6 1/2	12	2.81	
	B7SWNPL1.125x6.75	1 1/8 x 6 3/4	12	2.87	
	B7SWNPL1.125x7	1 1/8 x 7	12	2.93	
	B7SWNPL1.125x7.25	1 1/8 x 7 1/4	12	2.99	
	B7SWNPL1.125x7.50	1 1/8 x 7 1/2	12	3.05	
	B7SWNPL1.125x7.75	1 1/8 x 7 3/4	12	3.11	
	B7SWNPL1.125x8	1 1/8 x 8	12	3.17	
	B7SWNPL1.125x8.50	1 1/8 x 8 1/2	12	3.30	
	B7SWNPL1.125x9.50	1 1/8 x 9 1/2	10	3.54	
	B7SWNPL1.125x10.75	1 1/8 x 10 3/4	10	3.84	

B7 STUDS

Plated - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 1/4"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL1.25x5	1 1/4 x 5	12	3.16	
	B7SWNPL1.25x5.75	1 1/4 x 5 3/4	10	3.39	
	B7SWNPL1.25x6.75	1 1/4 x 6 3/4	10	3.69	
	B7SWNPL1.25x7	1 1/4 x 7	10	3.77	
	B7SWNPL1.25x7.50	1 1/4 x 7 1/2	10	3.92	
	B7SWNPL1.25x7.75	1 1/4 x 7 3/4	9	3.99	
	B7SWNPL1.25x8	1 1/4 x 8	9	4.07	
	B7SWNPL1.25x8.25	1 1/4 x 8 1/4	9	4.14	
	B7SWNPL1.25x8.50	1 1/4 x 8 1/2	9	4.22	
	B7SWNPL1.25x8.75	1 1/4 x 8 3/4	9	4.30	
	B7SWNPL1.25x9	1 1/4 x 9	8	4.37	
	B7SWNPL1.25x9.25	1 1/4 x 9 1/4	8	4.45	
	B7SWNPL1.25x9.50	1 1/4 x 9 1/2	8	4.52	
	B7SWNPL1.25x9.75	1 1/4 x 9 3/4	8	4.60	
	B7SWNPL1.25x10.75	1 1/4 x 10 3/4	6	4.90	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 3/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNPL1.375x10	1 3/8 x 10	6	5.83	
	B7SWNPL1.375x11.25	1 3/8 x 11 1/4	6	6.30	

B7 STUDS

Black - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1/2"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK.50x2.50	1/2 x 2 1/2	150	0.25	
	B7SWNBK.50x2.75	1/2 x 2 3/4	150	0.26	
	B7SWNBK.50x3	1/2 x 3	140	0.27	
	B7SWNBK.50x3.25	1/2 x 3 1/4	100	0.28	
	B7SWNBK.50x3.50	1/2 x 3 1/2	100	0.29	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

5/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK.625x3	5/8 x 3	80	0.46	
	B7SWNBK.625x3.25	5/8 x 3 1/4	70	0.48	
	B7SWNBK.625x3.50	5/8 x 3 1/2	70	0.50	
	B7SWNBK.625x3.75	5/8 x 3 3/4	70	0.52	
	B7SWNBK.625x4	5/8 x 4	70	0.53	
	B7SWNBK.625x4.25	5/8 x 4 1/4	70	0.55	
	B7SWNBK.625x4.5	5/8 x 4 1/2	70	0.57	
	B7SWNBK.625x4.75	5/8 x 4 3/4	50	0.59	
	B7SWNBK.625x5	5/8 x 5	60	0.60	
	B7SWNBK.625x5.25	5/8 x 5 1/4	50	0.62	
	B7SWNBK.625x5.50	5/8 x 5 1/2	50	0.64	
	B7SWNBK.625x6	5/8 x 6	50	0.68	
	B7SWNBK.625x6.25	5/8 x 6 1/4	50	0.69	
	B7SWNBK.625x6.50	5/8 x 6 1/2	50	0.71	
	B7SWNBK.625x7	5/8 x 7	50	0.75	
	B7SWNBK.625x8	5/8 x 8	40	0.82	
	B7SWNBK.625x9	5/8 x 9	40	0.89	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

3/4"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK.75x3.75	3/4 x 3 3/4	45	0.80	
	B7SWNBK.75x4	3/4 x 4	45	0.82	
	B7SWNBK.75x4.25	3/4 x 4 1/4	40	0.85	
	B7SWNBK.75x4.50	3/4 x 4 1/2	40	0.87	
	B7SWNBK.75x4.75	3/4 x 4 3/4	40	0.90	
	B7SWNBK.75x5	3/4 x 5	40	0.92	
	B7SWNBK.75x5.25	3/4 x 5 1/4	40	0.95	
	B7SWNBK.75x5.50	3/4 x 5 1/2	40	0.98	
	B7SWNBK.75x5.75	3/4 x 5 3/4	35	1.00	
	B7SWNBK.75x6	3/4 x 6	35	1.03	
	B7SWNBK.75x6.50	3/4 x 6 1/2	35	1.08	
	B7SWNBK.75x6.75	3/4 x 6 3/4	35	1.11	
	B7SWNBK.75x7	3/4 x 7	30	1.13	
	B7SWNBK.75x7.50	3/4 x 7 1/2	30	1.18	
	B7SWNBK.75x7.75	3/4 x 7 3/4	30	1.21	
	B7SWNBK.75x8	3/4 x 8	30	1.24	
	B7SWNBK.75x8.50	3/4 x 8 1/2	25	1.29	
	B7SWNBK.75x9	3/4 x 9	25	1.34	
	B7SWNBK.75x10	3/4 x 10	25	1.44	

B7 STUDS

Black - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

7/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK.875x4.5	7/8 x 4 1/2	30	1.27	
	B7SWNBK.875x4.75	7/8 x 4 3/4	30	1.30	
	B7SWNBK.875x5	7/8 x 5	25	1.34	
	B7SWNBK.875x5.25	7/8 x 5 1/4	25	1.37	
	B7SWNBK.875x5.50	7/8 x 5 1/2	25	1.41	
	B7SWNBK.875x5.75	7/8 x 5 3/4	25	1.44	
	B7SWNBK.875x6	7/8 x 6	25	1.48	
	B7SWNBK.875x6.25	7/8 x 6 1/4	25	1.51	
	B7SWNBK.875x6.50	7/8 x 6 1/2	25	1.55	
	B7SWNBK.875x7	7/8 x 7	20	1.62	
	B7SWNBK.875x7.50	7/8 x 7 1/2	20	1.69	
	B7SWNBK.875x8	7/8 x 8	20	1.76	
	B7SWNBK.875x8.50	7/8 x 8 1/2	20	1.84	
	B7SWNBK.875x9	7/8 x 9	20	1.91	
	B7SWNBK.875x9.25	7/8 x 9 1/4	20	1.94	
	B7SWNBK.875x9.50	7/8 x 9 1/2	15	1.98	
	B7SWNBK.875x11	7/8 x 11	15	2.19	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK1.0x5.25	1 x 5 1/4	20	1.88	
	B7SWNBK1.0x5.50	1 x 5 1/2	20	1.93	
	B7SWNBK1.0x5.75	1 x 5 3/4	20	1.97	
	B7SWNBK1.0x6	1 x 6	20	2.02	
	B7SWNBK1.0x6.25	1 x 6 1/4	20	2.07	
	B7SWNBK1.0x6.50	1 x 6 1/2	20	2.11	
	B7SWNBK1.0x6.75	1 x 6 3/4	15	2.16	
	B7SWNBK1.0x7	1 x 7	15	2.21	
	B7SWNBK1.0x7.50	1 x 7 1/2	15	2.30	
	B7SWNBK1.0x8	1 x 8	15	2.39	
	B7SWNBK1.0x8.50	1 x 8 1/2	15	2.49	
	B7SWNBK1.0x9	1 x 9	15	2.58	
	B7SWNBK1.0x13.50	1 x 13 1/2	10	3.42	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 1/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK1.125x5.75	1 1/8 x 5 3/4	15	2.63	
	B7SWNBK1.125x6.25	1 1/8 x 6 1/4	15	2.75	
	B7SWNBK1.125x6.50	1 1/8 x 6 1/2	12	2.81	
	B7SWNBK1.125x6.75	1 1/8 x 6 3/4	12	2.87	
	B7SWNBK1.125x7	1 1/8 x 7	12	2.93	
	B7SWNBK1.125x7.25	1 1/8 x 7 1/4	12	2.99	
	B7SWNBK1.125x7.50	1 1/8 x 7 1/2	12	3.05	
	B7SWNBK1.125x7.75	1 1/8 x 7 3/4	12	3.11	
	B7SWNBK1.125x8	1 1/8 x 8	12	3.17	
	B7SWNBK1.125x8.50	1 1/8 x 8 1/2	12	3.30	
	B7SWNBK1.125x9.50	1 1/8 x 9 1/2	10	3.54	
	B7SWNBK1.125x10.75	1 1/8 x 10 3/4	10	3.84	

B7 STUDS

Black - B7 Studs



Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 1/4"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK1.25x5	1 1/4 x 5	12	3.16	
	B7SWNBK1.25x5.75	1 1/4 x 5 3/4	10	3.39	
	B7SWNBK1.25x6.75	1 1/4 x 6 3/4	10	3.69	
	B7SWNBK1.25x7	1 1/4 x 7	10	3.77	
	B7SWNBK1.25x7.50	1 1/4 x 7 1/2	10	3.92	
	B7SWNBK1.25x7.75	1 1/4 x 7 3/4	9	3.99	
	B7SWNBK1.25x8	1 1/4 x 8	9	4.07	
	B7SWNBK1.25x8.25	1 1/4 x 8 1/4	9	4.14	
	B7SWNBK1.25x8.50	1 1/4 x 8 1/2	9	4.22	
	B7SWNBK1.25x8.75	1 1/4 x 8 3/4	9	4.30	
	B7SWNBK1.25x9	1 1/4 x 9	8	4.37	
	B7SWNBK1.25x9.25	1 1/4 x 9 1/4	8	4.45	
	B7SWNBK1.25x9.50	1 1/4 x 9 1/2	8	4.52	
	B7SWNBK1.25x9.75	1 1/4 x 9 3/4	8	4.60	
	B7SWNBK1.25x10.75	1 1/4 x 10 3/4	6	4.90	

Weights (LBS) • Dimensions (IN) • QTY (Case Quantity)

1 3/8"	ITEM CODE	SIZE	QTY	WEIGHT	LIST PRICE
	B7SWNBK1.375x10	1 3/8 x 10	6	5.83	
	B7SWNBK1.375x11.25	1 3/8 x 11 1/4	6	6.30	