



WESTBROOK

Name: Westbrook Manufacturing Div.

Corporate & Sales Office 1111 Lockwood Dr
Houston, Texas 77020

Mailing Address: P O Box 15614
Houston, Texas 77220

Plant: 1521 Lathrop
Houston, Texas 77020

Web Site www.westbrookmfg.com

Telephone: Houston..... 1-713-675-6438
FAX.....1-713-675-9742
WATTS..... 1-800-231-8014
WATTS..... 1-800-9-FLANGE

Firm Established 1966

Senior V.P. – North America Danny Westbrook
V. P. – Sales & Customer Service Larry York

Principal Products: Pipe Nipples, Swage Nipples, Bull Plugs,
Branch Outlets, Stainless Flanges, Carbon &
Stainless Forged Steel, Oil Country Fittings

Watts 800-231-8014
Phone 713-675-6438
Fax 713-675-9742



WESTBROOK MANUFACTURING
GENERAL TERMS AND CONDITIONS OF SALE

Product Warranty	All products furnished by Westbrook Manufacturing are warranted to be free of manufacturing defects for a period of one (1) year from the date of shipment. Any item found to be defective during that period will be replaced at no charge F.O.B. our plant in Houston, Texas, provided (a) that the product was used as recommended and in accordance with approved installation and operating practices; (b) that the failure resulted from a manufacturing defect and not from damage due to alteration, neglect, corrosive, abrasive or other wear normally to be expected in the service involved; (c) that the product has not been altered or modified; and (d) that written notice of such defect is forwarded to our offices during the one (1) year period. No labor costs or other expenses will be assumed. The Uniform Commercial Code or the Texas statutes adopting the Uniform Commercial Code shall not apply. This express warranty is in lieu of and excludes all other warranties, guarantees or representations, expressed or implied. There are no implied warranties of merchantability or of fitness for a particular purpose.
Purchaser's Remedies	The Purchaser's remedies for any product furnished by Westbrook Manufacturing that is found not to be in conformity with the terms and conditions of the contract because of breach of contract, breach of express or implied warranty or negligence shall be limited exclusively to product replacement or, at our option, repayment of the sales price of the product. Westbrook Manufacturing shall not be liable for additional claims (based on breach of contract, breach of express or implied warranty or negligence) for any other damages, whether direct, immediate, foreseeable, consequential or special, or for any expense incurred by reason of the use or misuse, sale or fabrication of products which do or do not conform to the terms and conditions of the contract.
Pricing	Prices and other terms of sale, including payment, are subject to change without notice. Unless a written provision, approved by corporate management appears in the quotation or order acknowledgement, all prices can be withdrawn or changed without notice at any time. We reserve the right to correct stenographic or clerical errors when these are discovered.
Order Acceptance	All orders are subject to approval by Westbrook Manufacturing's Credit Department prior to acceptance. No assignment of the Purchaser's rights may be made without the express written consent of Westbrook Manufacturing's management.
Remittance Terms	All accounts are payable at par in Houston, Texas in United States funds, free of exchange, collection or other charges. If in the sole discretion of Westbrook Manufacturing, the financial condition of the Purchaser requires it, we retain the right to require full or partial payment in advance of shipment. Unless otherwise indicated, payment terms are NET 30 DAYS.
Partial Shipments	Westbrook Manufacturing reserves the right to make partial shipments upon occasion and to invoice for all shipped material. These invoices shall be due and payable as provided in these Terms and Conditions of Sale. In the event that invoiced amounts become overdue, Westbrook Manufacturing shall be entitled to suspend work and avail itself of all legal remedies.
Taxes	Any sales, use, occupancy, excise tax or other tax of any nature, (federal, state or local) for which Westbrook Manufacturing shall become legally liable, either initially or through the failure of the Purchaser to pay such levy, shall be added to and shall be in addition to the price quoted and the Purchaser agrees to pay these charges.
Shortages and Damage in Transit	All Westbrook products are delivered F.O.B. our Houston warehouses. Claims for shortages must be made in writing to our offices within ten (10) days after the receipt of shipment. Loss or damage to materials in transit shall be the responsibility of the carrier.
Delivery Promises	Delivery promises are estimated as closely as possible and Westbrook Manufacturing will make every reasonable effort to ship within the time promised. However, no guarantee can be made to do so and we assume no liability for failure to ship when promised. Delivery commitments are made predicated on availability of existing or raw stock and factory workload and these factors can change dynamically.
Contract Cancellation	All accepted orders are subject to cancellation or requests by the Purchaser to suspend or delay work only upon written notification and with our written consent, subject to agreement and/or the payment of an adjustment charge. Orders for special (Non-Shelf) items may be changed or cancelled only upon our acceptance of written instructions from the Purchaser and full agreement by the Purchaser for payment of material used and work performed.
Material Return	Westbrook Manufacturing will not accept the return of any products of our manufacture without our prior consent and the issuance of a Returned Material Authorization (RMA). All returned goods are subject to our inspection to confirm that such material is of our manufacture and is in resalable condition. All items returned are subject to a handling charge; in and out freight charges and any charges for needed reconditioning, unless otherwise agreed to by Westbrook's management.
Patent Infringement	The Purchaser agrees to indemnify and hold Westbrook Manufacturing harmless against any monetary judgement for damages and/or costs which may be rendered against Westbrook in any suit alleging patent infringement for any product supplied under contract and made in accordance with a design or specification supplied by the Purchaser.
Governing Law	All contracts accepted by Westbrook Manufacturing shall be governed by, construed and enforced in accordance with the laws of the State of Texas.
Performance Waiver	The failure of Westbrook Manufacturing to insist upon the performance of any of the terms, covenants or conditions of any contract, or to exercise any of our rights under the terms of any contract, shall not be construed as an outright waiver or relinquishment of the future performance of any other terms, covenants or conditions. In addition, such lack of insistence shall not be deemed to be a waiver or relinquishment of any other term, covenant or condition existing under the contract terms.
Special Dies, Tools & Patterns	Special dies, tools and patterns produced by Westbrook Manufacturing in order to manufacture item(s) covered by a contract shall remain our property. The payment of any die, tool or pattern charge by the Purchaser shall not be construed as giving any right, title or interest in such items. Westbrook Manufacturing shall not be responsible for the retention of any specially produced die, tool or pattern on which no orders are received for a period of twelve (12) months or more.
Force Majeur	Any delay in, or failure to comply with the stated performance of a contract by Westbrook Manufacturing shall not constitute default or give rise to claims for damages if such delay or failure is caused by events beyond our control. These events shall include, but not be limited to: acts of God or the public enemy, expropriation or confiscation of facilities, compliance with any governmental authority, acts of war, rebellion or sabotage, embargoes or other export restrictions, fire, flood, explosions, accidents, breakdowns, riots or strikes and other concerted acts, direct or indirect, of workmen, or any other causes not within the direct control of Westbrook Manufacturing and which, by the exercise of reasonable diligence, Westbrook is unable to prevent or mitigate.
Purchaser's Acceptance of These Conditions	All contracts accepted by Westbrook Manufacturing shall be subject to the Terms and Conditions stated herein, or to those referred to in Westbrook Manufacturing's Price Schedule, Quotations and Order Acknowledgements and to no others whatsoever. No waiver, alteration or modification of these Terms and Conditions shall be binding on Westbrook Manufacturing unless agreed to in writing and signed by an authorized representative of our firm.

ITEMS FURNISHED BY WESTBROOK MANUFACTURING ARE PRODUCED IN COMPLIANCE WITH THE REQUIREMENTS OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED.



WESTBROOK

RETURN POLICY

The following terms and conditions have been established to govern the return of all Westbrook products:

1. No material may be returned without our express permission and prior consent, signified by the issuance, customer approval and the return of our RMA (Return Material Authorization) to our corporate offices.
2. All returned material must be of Westbrook's manufacture and be in new and resalable condition. We reserve the right to impose a re-conditioning charge for all material that does not meet these criteria.
3. Only standard "Shelf" items qualify for return, i.e., items that are normally carried in our inventory. No credit will be allowed for specially manufactured items.
4. Westbrook personnel will inspect all material returned to verify the quantity and condition and the results of this inspection are final.
5. In and out freight charges paid by Westbrook, as well as cash discounts taken will be deducted from any credit applicable.
6. Any credit issued will be a merchandise credit, applicable to future purchases of material.
7. The standard re-stocking charge shall be 25% of the invoiced price of the material returned, unless, of course, the error is ours.
8. Westbrook shall issue and transmit an RMA to the requesting firm, authorizing the return of any material. Activation of this RMA requires the signature of an authorized member of the organization requesting the material return and the return of the signed RMA to our organization. Issued RMA's are valid for a period of 120 days from the date of issue.
9. All material returned should reference the appropriate RMA number to ensure proper identification.
10. Westbrook personnel are responsible for contacting the company returning products in the event that any problems are encountered in the return inspection process and for resolving any problems. This contact shall be documented to ensure that all parties are advised of any potential problems.
11. We reserve the right to waive or modify any of the conditions stated above.

Watts 800-231-8014
Watts 800-9-FLANGE
Phone 713-675-6438
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ISO 9001:2008



CERTIFICATE NO: 32813



WESTBROOK

SPECIFICATION COMPLIANCE DATA SHEET FOR PIPE NIPPLES AND SWAGE NIPPLES

THREADS	ASME/ANSI	B1.20.1 1983
	API	API 5B
BEVELED ENDS	ASME/ANSI	B16.9
SQUARE CUT ENDS	ASME/ANSI	B16.11
MARKING	MSS	SP-25
COATINGS:		
ZINC ELECTRO PLATE	ASTM	B633
HOT DIP GALVANIZING	ASTM	B6, A153
PAINT (BEVELED & PLAIN ENDS)		ACRYLIC LACQUER
RAW MATERIALS:		
CARBON STEEL	ASTM/ASME	A/SA 106B,A/SA 696
STAINLESS & ALLOY		A/SA 312,A/SA 182, A/SA335, A/SA 333,A/SA 350,
LOW TEMP		B/SB 161,B/SB 163,B/SB 164, B/SB 165,B/SB 167,B/SB 407, B/SB 464,B/SB 473,B/SB 619
NICKEL ALLOY	API	J55,K55,H40, N80, L80, P110
PIPE NIPPLES:		
CARBON STEEL	ASTM	A733
STAINLESS & ALLOY	ASTM/ASME	A/SA 53GRF,A/SA 53GRB,A/SA 106B A/SA 312,A/SA 335
LOW TEMP		A/SA 333
NICKEL ALLOY		B/SB 161,B/SB 165,B/SB 167, B/SB 407,B/SB 464,B/SB 622, J55,K55,H40,N80,L80,P110
	API	
SWAGE NIPPLES:		
CARBON STEEL	ASTM/ASME	A/SA 234WPB
STAINLESS & ALLOY		A/SA 403WP, A/SA 182
LOW TEMP		A/SA 420WPL
NICKEL ALLOY		B/SA 366
	MSS	SP95
	API	J55,K55,H40,N80,L80,P110

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WESTBROOK

SPECIFICATION COMPLIANCE DATA SHEET FORGED FLANGES, FITTINGS, OUTLETS & B/W FITTINGS

THREADS	ASME/ANSI API	B1.20.1 1983 API-5B
BEVELED ENDS MARKING	ASME/ANSI MSS	B16.9 SP-25
FORGED:		
CARBON STEEL	ASTM/ASME	A/SA 105
STAINLESS & ALLOY	ASTM/ASME	A/SA 182 A/SA 350
LOW TEMP		B/SB 462,B/SB 564,B/SB 163
NICKEL ALLOY	MSS ASME/ANSI	SP-79, SP-83 B16.11, B16.14, B16.25, B16.28, B16.39
OUTLET FITTINGS:		
CARBON STEEL	ASTM/ASME	A/SA 105 A/SA 182 A/SA 350
STAINLESS & ALLOY		B/SB 462,B/SB 564
LOW TEMP	MSS	SP-97
NICKEL ALLOY	ASME/ANSI	B31.1, B31.2,B31.3,B31.8
BUTTWELD FITTINGS:		
CARBON STEEL	ASTM/ASME	A/SA 234WPB A/SA 403WP, A/SA 234WP A/SA420WPL
STAINLESS & ALLOY		B/SB 366
LOW TEMP	MSS	SP-43
NICKEL ALLOY	ASME/ANSI	B16.9, B16.25
FORGED FLANGES:		
CARBON STEEL	ASME/ASTM	A/SA 105 A/SA 182 A/SA 350
STAINLESS & ALLOY		B/SB 462,B/SB 564
LOW TEMP	MSS	SP-44
NICKEL ALLOY	ASME/ANSI	B16.5,B16.36

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WESTBROOK

CARBON STEEL

PIPE NIPPLES* 1 – 7

SWAGES NIPPLES* 8 – 9

PLUGS* 10 – 11

ADAPTER NIPPLES* 12

OIL COUNTRY SWAGES 13 – 14

OCTG PLUGS* 15

OCTG NIPPLES* 16 – 19

FORGED STEEL* 20 – 26

*Stocking Items

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WESTBROOK

BOX QUANTITIES CARBON STEEL

BUTTWELD &
SEAMLESS

STD- STANDARD
XH- X HEAVY

	CLO	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5	5 1/2"	6"	7"	8"	9"	10"	11"	12"		
1/8"	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
1/4"	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
3/8"	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
1/2"	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
3/4"	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
1"	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XH
1 1/4"	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	25		25	25	25	25	25	25	25	25	25	25	25	25	25	20	20	20	XH
1 1/2"	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	STD
	25		25	25	25	25	25	25	25	25	25	15	15	15	15	15	15	15	XH
2"	25			25	25	25	25	25	25	25	25	10	10	10	10	10	10	10	STD
	25			25	25	25	25	25	25	25	15	10	10	10	10	10	10	10	XH
2 1/2"	16				25	25	25	25	25	25	25	15	10	10	10	10	10	10	STD
	8				25	25	25	25	25	25	15	10	10	10	10	10	10	10	XH
3"	18				25	25	25	25	15	15	15	15	10	10	10	10	10	10	STD
	6				25	25	25	25	15	15	10	10	10	10	8	6	6	6	XH
4"	18					12	12	12	12	12	12	6	6	6	6	6	6	6	STD
	18					12	9	9	9	9	9	6	5	5	5	5	5	5	XH
5"	8						4	4	4	4	4								STD
	4						4	4	2	2	2								XH
6"	8						4	4	4	4	4								STD
	4						4	4	2	2	2								XH

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WESTBROOK

BOX QUANTITIES CARBON STEEL

SEAMLESS ONLY

S160
XX - HEAVY

	CLO	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5	5 1/2"	6"	7"	8"	9"	10"	11"	12"		
1/4"	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	S160
	50	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XXH
3/8"	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	S160
	50	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XXH
1/2"	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	S160
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XXH
3/4"	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	S160
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XXH
1"	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	S160
	25		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	XXH
1 1/4"	25		25	25	25	25	25	25	25	25	25	15	15	15	15	15	15	15	S160
	25		25	25	25	25	25	25	25	25	25	15	15	15	15	15	15	15	XXH
1 1/2"	25		25	25	25	25	25	25	25	25	25	10	10	10	10	10	10	10	S160
	25		25	25	25	25	25	25	25	25	25	10	10	10	10	10	10	10	XXH
2"	25			25	25	25	25	25	15	15	10	5	5	5	5	5	5	5	S160
	25			25	25	25	15	15	15	15	10	5	5	5	5	5	5	5	XXH
2 1/2"	25				20	20	10	10	10	10	10	5	5	5	5	5	5	5	S160
	25				20	20	10	10	10	10	10	5	5	5	5	5	5	5	XXH
3"	10				10	10	10	10	5	5	5	3	3	3	3	3	3	3	S160
	10				10	10	10	10	5	5	5	3	3	3	3	3	3	3	XXH
4"	5					5	5	5	2	2	2	1	1	1	1	1	1	1	S160
	5					5	5	5	2	2	2	1	1	1	1	1	1	1	XXH

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WESTBROOK FITTINGS Canadian Registration Numbers

This is the list of Canadian Registrations obtained by Westbrook in conformity with requirements of Boiler and Pressure Vessels Act and CSA Standard B51.

The C.R.N. cover carbon, alloy and stainless steel fittings.

Master CRN for Fittings: 0A0599.9 Add 1 & Rev 1

Territory	C.N.R.	Expiration Date
1. British Columbia	Not Required	
2. Alberta	0A0599.92	02.07.2019
3. Saskatchewan	0A0599.96 Add 1	10.07.2019
4. Manitoba	0A0599.96 Add 1	10.07.2019
5. Ontario	0A0599.95 Add 1	10.07.2019
6. Quebec	0A0599.96 Add 1	10.07.2019
7. New Brunswick	0A0599.97 Rev 1	10.07.2019
8. Nova Scotia	0A0599.98 Rev 1	10.07.2019
9. Prince Edward Island	0A0599.9 Rev 1	10.07.2019
0. New Foundland	0A0599.90 Rev 1	10.07.2019
T. Northwest Territories	0A0599.9T Rev 1	10.07.2019
N. Nunavut	0A0599.9N Rev 1	10.07.2019
Y. Yukon Territory	0A0599.9Y Rev 1	10.07.2019

The C.R.N. are valid for 10 years from the date of registration.

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WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

SEAMLESS PIPE NIPPLES

LIST PRICES EACH

SEAMLESS - STANDARD BLACK

(GALV - ADD 100% TO NET PRICES)

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	22.39	23.73	25.47	27.85	30.67	33.72	37.38	40.51	55.79	59.55	63.91	69.48	73.27	78.08	83.02	87.89	92.67
1/4"	7/8"	26.38	27.01	29.81	32.35	36.21	39.98	44.37	48.27	68.32	72.25	77.24	83.17	87.89	92.67	97.63	102.48	107.40
3/8"	1"	28.45	29.62	32.35	36.35	40.98	45.05	48.93	53.88	72.12	76.80	81.75	87.89	94.19	100.08	106.22	112.30	118.47
1/2"	1 1/8"	14.80	15.78	17.36	19.18	21.10	24.08	26.32	28.99	33.37	36.31	39.21	52.78	57.06	61.30	65.59	69.80	74.14
3/4"	1 3/8"	16.72	17.95	18.73	21.18	23.66	26.85	29.51	32.21	36.75	39.67	42.47	57.06	62.02	67.00	71.91	77.06	81.92
1"	1 1/2"	23.66		25.05	26.90	31.43	34.91	39.00	42.38	48.97	52.50	56.00	77.61	84.76	90.46	97.20	105.09	111.61
1 1/4"	1 5/8"	29.68		30.88	33.99	39.51	43.18	48.27	52.50	60.92	65.51	70.03	97.46	106.51	115.29	124.75	133.33	144.21
1 1/2"	1 3/4"	36.35		37.83	41.18	47.33	51.63	57.81	63.20	73.11	77.64	85.97	114.59	124.71	134.89	144.90	155.01	165.15
2"	2"	35.64			40.10	46.59	50.18	56.02	60.57	70.77	76.37	80.75	116.93	127.50	138.08	148.54	159.08	177.48
2 1/2"	2 1/2"	118.65				124.48	133.89	138.88	146.36	156.35	164.17	171.34	188.25	204.94	221.75	238.42	254.10	270.86
3"	2 5/8"	149.72				158.31	169.21	179.15	189.00	202.22	212.35	222.26	253.58	273.94	294.94	317.89	337.23	357.59
3 1/2"	2 3/4"	244.51						261.52	294.24	306.68	320.72	336.48	372.20	400.64	436.95	459.62	501.42	535.44
4"	2 7/8"	213.43						241.51	255.63	277.29	288.14	302.07	337.74	368.02	397.96	427.26	458.72	487.23
5"	3"	345.95							416.35	434.00	453.79	476.24	526.66	567.00	618.30	650.41	709.52	757.73
6"	3 1/8"	388.65							459.31	489.88	514.54	542.87	604.26	654.24	718.24	758.34	831.85	891.90

WESTBROOK'S SEAMLESS NIPPLES ARE PERMANENTLY STAMPED WITH SIZE, SCHEDULE, GRADE OF MATERIAL, LOGO AND HEAT CODE.

ALL SEAMLESS NIPPLES ARE PRODUCED FROM NEW MILL SPECIFICATION A/SA106 GR-B MATERIAL PER WESTBROOK'S APPROVED MANUFACTURERS LIST FOR TOTAL TRACEABILITY.

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WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

SEAMLESS PIPE NIPPLES LIST PRICES EACH

SEAMLESS - EXTRA HEAVY BLACK

(GALV - ADD 100% TO NET PRICES)

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	22.89	24.25	26.14	28.37	31.48	34.38	38.16	41.39	56.89	60.93	65.43	71.12	74.76	79.68	84.81	89.77	94.80
1/4"	7/8"	26.91	27.55	30.42	33.15	36.87	40.98	45.37	49.36	70.03	73.89	78.88	85.13	89.77	94.80	99.88	104.67	109.63
3/8"	1"	29.10	30.35	33.15	37.27	41.88	46.07	50.18	55.13	73.50	78.54	83.66	89.77	96.02	102.33	108.48	114.75	120.97
1/2"	1 1/8"	14.84	15.78	17.36	19.18	21.10	23.94	26.32	28.95	33.37	36.31	39.27	55.12	59.56	64.05	68.53	73.01	77.61
3/4"	1 3/8"	16.73	17.86	18.73	21.18	23.55	26.85	29.51	32.21	36.75	39.50	42.47	59.56	64.81	70.06	75.22	80.42	85.59
1"	1 1/2"	23.66		25.12	26.87	31.43	34.84	38.93	42.38	49.03	52.47	56.00	81.60	88.56	94.69	101.53	109.90	116.65
1 1/4"	1 5/8"	29.70		30.87	33.99	39.51	43.16	48.27	52.50	60.92	65.51	70.03	101.74	111.41	120.50	130.36	145.74	150.20
1 1/2"	1 3/4"	35.78		37.83	41.08	47.33	51.63	57.81	63.20	73.11	77.72	82.19	119.70	130.28	140.92	151.64	162.10	172.68
2"	2"	42.47			47.64	55.43	59.59	66.54	71.78	84.05	90.76	96.02	138.88	151.52	163.95	176.47	189.10	201.54
2 1/2"	2 1/2"	141.09				147.74	159.08	164.98	173.92	185.68	195.02	203.36	223.57	243.37	263.22	283.23	301.76	321.81
3"	2 5/8"	177.93				188.15	201.00	212.79	224.56	240.21	252.39	264.03	301.26	325.36	350.37	377.65	400.54	424.94
3 1/2"	2 3/4"	343.70						383.34	431.23	451.01	466.21	473.23	523.53	563.39	614.50	646.13	702.23	757.94
4"	2 7/8"	253.42						286.95	303.60	329.25	342.36	358.67	397.86	437.05	472.65	507.42	544.03	578.82
5"	3"	373.64							449.69	468.69	490.05	514.31	568.78	612.35	667.76	702.40	766.27	818.35
6"	3 1/8"	419.75							496.07	529.07	555.69	586.31	652.63	706.59	775.70	818.96	898.38	963.26

WESTBROOK'S SEAMLESS NIPPLES ARE PERMANENTLY STAMPED WITH SIZE, SCHEDULE, GRADE OF MATERIAL, LOGO AND HEAT CODE.

ALL SEAMLESS NIPPLES ARE PRODUCED FROM NEW MILL SPECIFICATION A/SA106 GR-B MATERIAL PER WESTBROOK'S APPROVED MANUFACTURERS LIST FOR TOTAL TRACEABILITY.

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

SEAMLESS PIPE NIPPLES LIST PRICES EACH

SEAMLESS - SCH. 160

(GALV - ADD 100% TO NET PRICES)

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/2"	1 1/8"	41.05	43.95	48.22	52.93	58.50	66.55	72.98	80.62	92.82	100.77	108.66	146.04	157.98	169.82	181.71	193.58	205.47
3/4"	1 3/8"	59.04	63.13	66.38	75.07	83.41	94.52	104.05	113.53	129.88	139.90	149.80	201.29	219.02	236.48	254.22	271.86	289.42
1"	1 1/2"	83.59		88.52	94.74	111.00	123.26	137.44	149.40	173.17	185.41	197.66	273.91	299.62	320.06	343.08	371.21	394.14
1 1/4"	1 5/8"	104.44		109.32	119.96	139.73	152.86	170.42	185.76	215.09	231.42	247.28	344.11	376.41	407.03	440.40	471.13	509.44
1 1/2"	1 3/4"	126.66		133.68	145.27	167.28	182.39	204.30	223.39	258.15	274.36	290.50	404.63	440.40	476.24	512.05	547.82	583.77
2"	2"	143.25			161.60	187.82	202.20	225.81	243.49	284.96	308.03	325.88	471.58	513.97	556.44	599.03	641.38	683.81
2 1/2"	2 1/2"	457.59				479.83	516.45	535.37	564.16	602.76	632.97	660.44	725.57	790.13	854.77	919.22	979.67	1,044.77
3"	2 5/8"	577.29				610.48	652.58	690.55	728.65	780.17	819.20	857.14	977.78	1,056.36	1,137.01	1,225.61	1,300.27	1,378.89
4"	2 7/8"	822.65						931.28	985.46	1,066.64	1,111.14	1,164.39	1,302.21	1,419.17	1,534.12	1,646.81	1,763.78	1,878.75

SEAMLESS - XX HEAVY

(GALV - ADD 100% TO NET PRICES)

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/2"	1 1/8"	46.93	50.24	55.10	60.48	66.85	76.06	83.40	92.15	106.06	115.17	124.19	166.89	180.54	194.11	207.67	221.23	234.82
3/4"	1 3/8"	67.46	72.14	75.85	85.78	95.36	107.99	118.90	129.75	148.44	159.89	171.20	230.04	250.28	270.26	290.54	310.69	330.74
1"	1 1/2"	95.55		101.17	108.28	126.88	140.89	157.10	170.72	197.92	211.92	225.93	313.02	342.42	365.75	392.03	424.22	450.48
1 1/4"	1 5/8"	119.35		124.93	137.07	159.71	174.71	194.79	212.30	245.83	264.49	282.60	393.28	430.17	465.18	503.30	538.46	582.22
1 1/2"	1 3/4"	144.77		152.74	166.04	191.18	208.45	233.49	255.29	295.01	313.55	331.98	462.43	503.30	544.27	585.22	626.08	667.16
2"	2"	163.72			184.69	214.64	231.09	258.07	278.26	325.67	351.97	372.42	538.95	587.38	635.95	684.61	733.01	781.51
2 1/2"	2 1/2"	522.94				548.39	590.19	611.85	644.79	688.88	723.45	754.78	829.27	903.03	976.86	1,050.52	1,119.65	1,194.03
3"	2 5/8"	659.75				697.70	745.80	789.20	832.73	891.63	936.23	979.60	1,117.47	1,207.28	1,299.42	1,400.73	1,486.00	1,575.86
4"	2 7/8"	940.16						1,064.32	1,126.26	1,219.02	1,269.87	1,330.75	1,488.24	1,621.91	1,753.28	1,882.25	2,015.73	2,147.13

WESTBROOK'S SEAMLESS NIPPLES ARE PERMANENTLY STAMPED WITH SIZE, SCHEDULE, GRADE OF MATERIAL, LOGO AND HEAT CODE.

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WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

WELDED PIPE NIPPLES LIST PRICES EACH

WELDED - STANDARD BLACK

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	1.71	2.11	2.11	2.46	2.46	2.97	2.97	5.65	5.65	6.22	6.22	8.52	8.52	9.75	9.75	10.00	10.00
1/4"	7/8"	2.06	2.18	2.18	2.81	2.81	3.27	3.27	4.99	4.99	6.86	6.86	9.01	9.01	10.61	10.61	11.73	11.73
3/8"	1"	2.11	2.40	2.40	3.10	3.10	3.62	3.62	5.25	5.25	5.83	5.83	10.25	10.25	11.51	11.51	13.07	13.07
1/2"	1 1/8"	1.77	1.77	1.77	2.11	2.11	2.53	2.53	2.97	2.97	3.33	3.33	5.98	5.98	7.21	7.21	8.54	8.54
3/4"	1 3/8"	2.03	2.18	2.18	2.48	2.48	3.10	3.10	3.87	3.87	4.39	4.39	7.34	7.34	8.50	8.50	9.46	9.46
1"	1 1/2"	2.97		3.26	3.44	3.44	4.29	4.29	5.08	5.08	5.99	5.99	9.78	9.78	11.47	11.47	13.19	13.19
1 1/4"	1 5/8"	3.78		4.26	4.54	4.54	5.34	5.34	6.41	6.41	7.64	7.64	12.33	12.33	14.78	14.78	16.74	16.74
1 1/2"	1 3/4"	4.68		5.04	5.65	5.65	6.34	6.34	7.75	7.75	8.88	8.88	14.13	14.13	16.51	16.51	19.04	19.04
2"	2"	6.38			7.34	7.34	8.85	8.85	10.23	10.23	11.97	11.97	20.06	20.06	23.60	23.60	27.20	27.20
2 1/2"	2 1/2"	19.99				20.55	24.19	24.19	26.53	26.53	27.68	27.68	35.21	35.21	39.58	39.58	44.00	44.00
3"	2 5/8"	23.76				25.85	30.61	30.61	33.68	33.68	36.71	36.71	49.52	49.52	55.62	55.62	61.70	61.70
3 1/2"	2 3/4"	36.32						45.29	52.15	52.15	59.79	59.79	66.52	66.52	73.13	73.13	82.40	82.40
4"	2 7/8"	35.83						41.47	47.32	47.32	50.63	50.63	58.38	58.38	66.52	66.52	77.96	77.96
5"	3"	97.11						104.11	113.85	113.85	124.93	124.93	148.84	148.84	170.56	170.56	198.91	198.91
6"	3 1/8"	109.16						114.76	128.48	128.48	142.52	142.52	171.76	171.76	198.91	198.91	234.15	234.15
8"	3 3/8"																	

POA

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 Fax 713-675-9742

ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

WELDED PIPE NIPPLES LIST PRICES EACH

WELDED - STANDARD GALVANIZED

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	2.17	3.04	3.04	3.99	3.99	4.70	4.70	7.95	7.95	8.96	8.96	11.77	11.77	13.84	13.84	15.33	15.33
1/4"	7/8"	2.33	2.73	2.73	3.59	3.59	4.29	4.29	5.87	5.87	6.55	6.55	11.18	11.18	13.01	13.01	14.50	14.50
3/8"	1"	2.53	2.93	2.93	3.89	3.89	4.64	4.64	6.37	6.37	7.11	7.11	11.33	11.33	13.50	13.50	14.97	14.97
1/2"	1 1/8"	2.04	2.17	2.17	2.57	2.57	3.17	3.17	3.79	3.79	4.30	4.30	7.57	7.57	9.00	9.00	10.23	10.23
3/4"	1 3/8"	2.50	2.70	2.70	3.02	3.02	3.88	3.88	4.65	4.65	5.60	5.60	9.68	9.68	10.77	10.77	12.03	12.03
1"	1 1/2"	3.43		4.05	4.39	4.39	5.30	5.30	6.46	6.46	7.33	7.33	12.27	12.27	14.00	14.00	16.34	16.34
1 1/4"	1 5/8"	4.61		5.00	5.44	5.44	6.46	6.46	7.99	7.99	9.30	9.30	15.03	15.03	18.00	18.00	21.63	21.63
1 1/2"	1 3/4"	5.38		5.81	6.46	6.46	8.20	8.20	9.86	9.86	11.13	11.13	17.26	17.26	20.12	20.12	22.99	22.99
2"	2"	7.60			8.59	8.59	10.42	10.42	13.31	13.31	15.42	15.42	25.15	25.15	29.45	29.45	33.75	33.75
2 1/2"	2 1/2"	22.65				23.55	27.31	27.31	30.47	30.47	33.48	33.48	43.09	43.09	49.14	49.14	54.96	54.96
3"	2 5/8"	27.21				30.96	36.28	36.28	42.27	42.27	44.72	44.72	60.25	60.25	68.75	68.75	77.28	77.28
3 1/2"	2 3/4"	47.89						49.57	58.15	58.15	62.53	62.53	73.97	73.97	88.08	88.08	100.60	100.60
4"	2 7/8"	40.72						48.66	54.61	54.61	60.37	60.37	72.06	72.06	83.48	83.48	95.05	95.05
5"	3"	195.24						209.18	228.91	228.91	250.95	250.95	298.99	298.99	342.97	342.97	399.64	399.64
6"	3 1/8"	219.35						230.85	258.44	258.44	286.25	286.25	345.19	345.19	399.99	399.99	470.45	470.45
8"	3 3/8"																	

POA

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

WELDED PIPE NIPPLES LIST PRICES EACH

WELDED - EXTRA HEAVY BLACK

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	3.00	3.42	3.42	3.97	3.97	5.13	5.13	9.38	9.38	10.21	10.21	13.51	13.51	15.65	15.65	16.49	16.49
1/4"	7/8"	3.20	3.71	3.71	4.81	4.81	5.30	5.30	8.30	8.30	9.44	9.44	15.91	15.92	16.91	16.91	18.65	18.65
3/8"	1"	3.25	4.12	4.12	4.93	4.93	5.77	5.77	8.30	8.30	9.45	9.45	17.69	17.69	19.26	19.26	20.36	20.36
1/2"	1 1/8"	3.00	3.02	3.02	3.61	3.61	4.30	4.30	4.94	4.94	5.60	5.60	10.68	10.68	12.11	12.11	13.94	13.94
3/4"	1 3/8"	3.43	3.45	3.45	4.15	4.15	4.94	4.94	6.10	6.10	7.27	7.27	12.51	12.51	14.59	14.59	16.56	16.56
1"	1 1/2"	5.10		5.70	5.92	5.92	7.04	7.04	8.42	8.42	9.94	9.94	16.82	16.82	20.21	20.21	22.00	22.00
1 1/4"	1 5/8"	6.28		6.72	7.35	7.35	9.19	9.19	11.33	11.33	12.72	12.72	21.21	21.21	24.51	24.51	28.27	28.27
1 1/2"	1 3/4"	7.85		8.47	9.11	9.11	10.97	10.97	12.78	12.78	14.65	14.65	24.51	24.51	28.21	28.21	34.06	34.06
2"	2"	10.77			12.10	12.10	13.92	13.92	17.22	17.22	19.84	19.84	34.06	34.06	39.70	39.70	45.76	45.76
2 1/2"	2 1/2"	32.89				34.25	39.60	39.60	45.35	45.35	49.40	49.40	59.67	59.67	67.34	67.34	74.30	74.30
3"	2 5/8"	40.16				44.63	52.04	52.04	57.14	57.14	62.45	62.45	85.34	85.34	95.17	95.17	102.95	102.95
3 1/2"	2 3/4"	67.54						74.81	84.19	84.19	91.52	91.52	113.50	113.50	135.53	135.53	157.33	157.33
4"	2 7/8"	60.50						68.81	77.25	77.25	83.95	83.95	98.82	98.82	113.85	113.85	126.29	126.29
5"	3"	139.76						147.33	163.97	163.97	179.95	179.95	214.14	214.14	245.59	245.59	288.16	288.16
6"	3 1/8"	156.94						165.25	184.99	184.99	213.77	213.77	247.11	247.11	297.28	297.28	337.34	337.34
8"	3 3/8"																	

POA

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CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 624

EFFECTIVE FEBRUARY 7, 2011

WELDED PIPE NIPPLES

LIST PRICES EACH

WELDED - EXTRA HEAVY GALVANIZED

PIPE SIZE	CLOSE LGTH	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	4.77	5.65	5.65	6.75	6.75	7.95	7.95	15.27	15.27	16.11	16.11	22.08	22.08	23.23	23.23	24.82	24.82
1/4"	7/8"	5.10	5.87	5.87	7.65	7.65	8.98	8.98	12.61	12.61	14.32	14.32	22.65	22.65	26.54	26.54	29.45	29.45
3/8"	1"	5.50	6.59	6.59	8.47	8.47	10.29	10.29	13.32	13.32	15.27	15.27	25.88	25.88	29.19	29.19	31.93	31.93
1/2"	1 1/8"	4.93	5.08	5.08	6.02	6.02	7.11	7.11	8.59	8.59	9.64	9.64	15.74	15.74	18.94	18.94	21.33	21.33
3/4"	1 3/8"	5.71	5.98	5.98	7.12	7.12	8.50	8.50	10.84	10.84	11.46	11.46	19.97	19.97	22.16	22.16	25.28	25.28
1"	1 1/2"	8.49		8.79	9.77	9.77	11.64	11.64	13.98	13.98	16.12	16.12	28.21	28.21	30.94	30.94	34.82	34.82
1 1/4"	1 5/8"	10.63		10.98	12.06	12.06	14.28	14.28	17.94	17.94	22.03	22.03	33.08	33.08	38.83	38.83	43.82	43.82
1 1/2"	1 3/4"	11.92		13.31	14.50	14.50	17.32	17.32	20.60	20.60	23.99	23.99	38.26	38.26	44.80	44.80	52.63	52.63
2"	2"	17.43			18.70	18.70	22.65	22.65	28.42	28.42	31.96	31.96	54.19	54.19	63.94	63.94	72.59	72.59
2 1/2"	2 1/2"	51.30				56.43	66.96	66.96	75.39	75.39	79.10	79.10	94.48	94.48	105.24	105.24	117.62	117.62
3"	2 5/8"	63.94				70.33	82.98	82.98	93.87	93.87	99.69	99.69	133.47	133.47	148.09	148.09	164.96	164.96
3 1/2"	2 3/4"	98.48						115.02	143.38	143.38	161.41	161.41	178.20	178.20	188.96	188.96	198.78	198.78
4"	2 7/8"	94.58						111.39	122.60	122.60	136.09	136.09	157.79	157.79	182.96	182.96	201.98	201.98
5"	3"	279.48						294.64	327.87	327.87	359.74	359.74	428.35	428.35	491.18	491.18	575.28	575.28
6"	3 1/8"	314.12						330.43	370.20	370.20	410.14	410.14	494.13	494.13	572.81	572.81	674.59	674.59
8"	3 3/8"	POA																

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

EXTRA'S SWAGE NIPPLES AND BULL PLUGS

PLAIN ENDS/SQUARE CUT

When referring to "Plain Ends" or "PE" on Swage Nipples and Bull Plugs, it is necessary to determine if plain ends/square cut for socketwelding or beveled ends for butt welding are required. Each Swage Nipple or Bull Plug with plain ends/square cut specified, must be resized, square cut and gauged to insure a proper fit and installation. For this added service, the following adders apply (for Carbon Steel only):

(Please note - sized below refer to the large end when dealing with Swage Nipples)

1 1/2" and smaller sizes
2" and larger sizes

List plus 30%
List plus 20%

SWAGE NIPPLES THREADED BOTH ENDS & THREADED BULL PLUGS

Black or Unplated

List plus 10%

HOT DIP GALVANIZING AVAILABLE

Price on application

GROOVED ENDS

One end + 5%; Two ends + 10%

COMBINATION ENDS

Swage Nipples with different schedule or wall thickness on each end, use price of heaviest wall plus 50%

SPECIAL LENGTHS OF SWAGES AND BULL PLUGS

Shorter than regular, or
50% longer than regular
51% to 75% longer than regular
76% to 100% longer than regular
Over 100% longer than regular length, add 10% for each additional 2" or fraction thereof

Add 40% to net price
Add 55% to net price
Add 80% to net price

FEMALE SWAGE NIPPLES

Price on application

TAPPED BULL PLUGS

2" and smaller
2 1/2" thru 4 1/2"
5" O.D. thru 10 3/4" O.D.

Add to list \$ 14.89
Add to list \$ 23.74
Add to list \$ 45.38

MILL TEST REPORTS

Available on request

MATERIAL CERTIFICATIONS

Available on request

SHORTAGES:

Claims for shortages or erroneous charges must be presented within thirty (30) days from the date of receipt of material or they will not be allowed

SPECIALS:

Orders for special sizes or materials are NOT subject to cancellation or return

RETURNS:

No material will be taken in return, credited or replaced without Manufacturer's Authorization

SHIPMENT ROUTING:

We reserve the right to route shipments to obtain the lowest applicable freight rate



WESTBROOK

BOX QTYS, LENGTHS & WEIGHTS **CONCENTRIC SWAGE NIPPLES** 1/4" thru 4"

BOX QTY	SIZE, INCHES			LGTH INCHES	STANDARD	EXTRA HEAVY	DBL EX & 160
	PIPE	API O.D.	REDUCED TO		WT EACH	WT EACH	WT EACH
12	1/4	0.540	1/8	2 1/4			1/4
12	3/8	0.675	1/8	2 1/2		1/4	3/8
			1/4	2 1/2		1/4	3/8
12	1/2	0.840	1/8	2 3/4		1/3	1/2
			1/4 and 3/8	2 3/4		1/3	1/2
12	3/4	1.050	1/8	3		1/2	3/4
			1/4 and 3/8	3		1/2	3/4
			1/2	3		1/2	3/4
12	1	1.315	1/8	3 1/2		2/3	1
			1/4 and 3/8	3 1/2		2/3	1
			1/2 and 3/4	3 1/2		2/3	1
12	1 1/4	1.660	1/4 and 3/8	4		1	1 1/2
			1/2 and 3/4	4		1	1 1/2
			1	4		1	1 1/2
12	1 1/2	1.900	1/4 and 3/8	4 1/2		1 1/6	2
			1/2 and 3/4	4 1/2		1 1/6	2
			1	4 1/2		1 1/6	2
			1 1/4	4 1/2		1 1/6	2
12	2	2.375	1/4 and 3/8	6 1/2	----	3	4 1/4
			1/2 and 3/4	6 1/2	----	3	4 1/4
			1	6 1/2	2	2 1/3	4 1/4
			1 1/4	6 1/2	2	2 1/3	4 1/4
			1 1/2	6 1/2	2	2 1/3	4 1/4
12	2 1/2	2.875	1/2 and 3/4	7	----	3 1/2	8
			1	7	3	3 1/2	8
			1 1/4	7	3	3 1/2	8
			1 1/2	7	3	3 1/2	8
			2	7	3	3 1/2	8
6	3	3.500	1/2 and 3/4	8	----	6	11
			1	8	4 1/2	6	11
			1 1/4	8	4 1/2	6	11
			1 1/2	8	4 1/2	6	11
			2 and 2 1/2	8	4 1/2	6	11
	3 1/2	4.000	1/2 thru 1 1/2	8	5 1/2	7 1/2	13 1/2
			2 thru 3	8	5 1/2	7 1/2	13 1/2
	4	4.500	1/2 and 3/4	9		10	18
			1	9	7 1/2	10	18
			1 1/4 and 1 1/2	9	7 1/2	10	18
			2	9	7 1/2	10	18
			2 1/2	9	7 1/2	10	18
			3 and 3 1/2	9	7 1/2	10	18

ALL SWAGES ARE MADE IN ACCORDANCE TO ASTM A243 WPB S9 AND MSS-SP95



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

CONCENTRIC SWAGE NIPPLES A234 WPB

PIPE	SIZE, INCHES		LENGTH INCHES	STANDARD		EXTRA HEAVY		DBL EX & 160	
	API OR O.D.	REDUCED TO		WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
1/4	0.540	1/8	2 1/4				46.25	1/4	57.06
3/8	0.675	1/8	2 1/2			1/4	46.25	3/8	57.06
		1/4	2 1/2			1/4	40.61	3/8	50.24
1/2	0.840	1/8	2 3/4			1/3	46.25	1/2	57.06
		1/4 and 3/8	2 3/4			1/3	38.10	1/2	46.99
3/4	1.050	1/8	3			1/2	61.91	3/4	76.43
		1/4 and 3/8	3			1/2	56.42	3/4	69.62
		1/2	3			1/2	43.29	3/4	53.42
1	1.315	1/8	3 1/2			2/3	76.44	1	94.31
		1/4 and 3/8	3 1/2			2/3	67.07	1	86.90
		1/2 and 3/4	3 1/2			2/3	53.48	1	69.24
1 1/4	1.660	1/4 and 3/8	4			1	109.47	1 1/2	212.25
		1/2 and 3/4	4			1	83.15	1 1/2	192.91
		1	4			1	79.24	1 1/2	153.96
1 1/2	1.900	1/4 and 3/8	4 1/2			1 1/6	137.19	2	212.25
		1/2 and 3/4	4 1/2			1 1/6	106.13	2	201.01
		1	4 1/2			1 1/6	92.79	2	159.09
		1 1/4	4 1/2			1 1/6	92.79	2	144.62
2	2.375	1/4 and 3/8	6 1/2		----		215.15	4 1/4	341.07
		1/2 and 3/4	6 1/2		----	2 1/3	190.52	4 1/4	320.57
		1	6 1/2	2	130.53	2 1/3	150.74	4 1/4	297.92
		1 1/4	6 1/2	2	147.09	2 1/3	159.89	4 1/4	297.92
		1 1/2	6 1/2	2	111.08	2 1/3	150.74	4 1/4	297.92
2 1/2	2.875	1/2 and 3/4	7		----		----	8	393.16
		1	7	3	163.22	3 1/2	234.32	8	371.26
		1 1/4	7	3	177.81	3 1/2	245.76	8	371.26
		1 1/2	7	3	170.83	3 1/2	223.40	8	371.26
		2	7	3	139.97	3 1/2	179.98	8	338.12
3	3.500	1/2 and 3/4	8		----		500.60	11	500.60
		1	8	4 1/2	227.16	6	281.97	11	462.92
		1 1/4	8	4 1/2	247.49	6	295.87	11	462.92
		1 1/2	8	4 1/2	229.45	6	268.90	11	462.92
		2 and 2 1/2	8	4 1/2	160.17	6	207.35	11	404.35

Watts 800-231-8014
 Watts 800-9-FLANGE
 Phone 713-675-6438
 Fax 713-675-9742

ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

CONCENTRIC SWAGE NIPPLES A234 WPB

PIPE	SIZE, INCHES		LENGTH INCHES	STANDARD		EXTRA HEAVY		DBL EX & 160	
	API OR O.D.	REDUCED TO		WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
3 1/2	ALL REDUCTIONS				POA		POA		POA
4	4.500	1/2 and 3/4	9		----		----	18	767.04
		1	9	7 1/2	360.94	10	443.37	18	611.54
		1 1/4 and 1 1/2	9	7 1/2	347.00	10	426.10	18	611.54
		2	9	7 1/2	253.97	10	343.44	18	541.40
		2 1/2	9	7 1/2	274.49	10	328.06	18	541.40
		3 and 3 1/2	9	7 1/2	233.16	10	312.70	18	541.40
5	5.563	1 thru 1 1/2	11	11 1/2	POA	17	POA	33	POA
		2 and 2 1/2	11	11 1/2	962.33	17	1032.27	33	POA
		3 and 3 1/2	11	11 1/2	777.35	17	930.13	33	POA
		4	11	11 1/2	640.43	17	827.14	33	POA
6	6.625	1 thru 1 1/2	12	17	POA	25	POA	46	POA
		2 and 2 1/2	12	17	1,234.08	25	1,205.59	46	POA
		3 and 3 1/2	12	17	878.85	25	1,036.75	46	POA
		4	12	17	725.95	25	1,013.20	46	POA
		5	12	17	697.62	25	920.96	46	POA
8	8.625	2 thru 3	13	29	2,754.36	44	2,641.64	78	POA
		4 thru 5	13	29	2,654.04	44	2,750.47	78	POA
		6	13	29	1,620.03	44	2,067.96	78	POA

CARBON STEEL SWAGES CONFORM TO ASTM A-234WPB S-9 MSS SP95
 CARBON STEEL SWAGES NORMALIZED ARE MARKED "N"

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 Watts 800-9-FLANGE
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 Fax 713-675-9742



CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

ECCENTRIC SWAGE NIPPLES A234 WPB

SIZE, INCHES			LENGTH INCHES	STANDARD		EXTRA HEAVY		DBL EX & 160	
PIPE	API OR O.D.	REDUCED TO		WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
1/4	0.540	1/8	2 1/4				184.06	1/4	219.68
3/8	0.675	1/8	2 1/2			1/4	184.06	3/8	219.68
		1/4	2 1/2			1/4	161.92	3/8	193.28
1/2	0.840	1/4 and 3/8	2 3/4			1/3	151.52	1/2	180.90
3/4	1.050	1/4 and 3/8	3			1/2	224.58	3/4	268.03
		1/2	3			1/2	172.23	3/4	205.58
1	1.315	1/4 and 3/8	3 1/2			2/3	280.28	1	334.50
		1/2 and 3/4	3 1/2			2/3	223.30	1	266.50
1 1/4	1.660	1/2 and 3/4	4			1	347.39	1 1/2	742.72
		1	4			1	331.14	1 1/2	592.73
1 1/2	1.900	1/2 and 3/4	4 1/2			1 1/6	443.65	2	773.98
		1	4 1/2			1 1/6	387.74	2	612.58
		1 1/4	4 1/2			1 1/6	387.74	2	556.79
2	2.375	1/4 and 3/8	6 1/2		----		834.51	4 1/4	1,313.15
		1/2 and 3/4	6 1/2		----	2 1/3	796.42	4 1/4	1,234.03
		1	6 1/2	2	545.96	2 1/3	629.80	4 1/4	1,146.94
		1 1/4	6 1/2	2	614.90	2 1/3	668.47	4 1/4	1,146.94
		1 1/2	6 1/2	2	464.35	2 1/3	629.80	4 1/4	1,146.94
2 1/2	2.875	1	7	3	682.30	3 1/2	979.28	8	1,429.35
		1 1/4	7	3	743.13	3 1/2	1,027.43	8	1,429.35
		1 1/2	7	3	714.18	3 1/2	933.95	8	1,429.35
		2	7	3	585.07	3 1/2	752.20	8	1,301.70
3	3.500	1/2 and 3/4	8	4 1/2	----	6	1,611.44	11	1,910.56
		1	8	4 1/2	1,041.18	6	1,178.56	11	1,781.94
		1 1/4	8	4 1/2	1,134.35	6	1,236.50	11	1,781.94
		1 1/2	8	4 1/2	1,089.80	6	1,123.86	11	1,781.94
		2 and 2 1/2	8	4 1/2	760.89	6	866.83	11	1,556.74
3 1/2	ALL REDUCTIONS				POA		POA		POA
4	4.500	1	9	7 1/2	1,659.23	10	1,853.52	18	1,765.25
		1 1/4 and 1 1/2	9	7 1/2	1,590.81	10	1,781.14	18	2,354.43
		2	9	7 1/2	1,206.47	10	1,435.82	18	2,084.42
		2 1/2	9	7 1/2	1,258.10	10	1,371.63	18	2,084.42
		3 and 3 1/2	9	7 1/2	1,107.50	10	1,307.22	18	2,084.42

CARBON STEEL SWAGES CONFORM TO ASTM A-234WPB S-9 MSS S95
CARBON STEEL SWAGES NORMALIZED ARE MARKED "N"

Watts 800-231-8014
Watts 800-9-FLANGE
Phone 713-675-6438
Fax 713-675-9742

ISO 9001:2008
ANAB
CERTIFICATE NO: 32813



WESTBROOK

BULL PLUGS LENGTHS - WEIGHTS & BOX QUANTITIES

BOX QTY	SIZE PIPE	A.P.I. OR O.D.	LENGTH INCHES	STANDARD WEIGHT	EXTRA HEAVY WEIGHT	SOLID WEIGHT	DBL EX & 160 WEIGHT
12	1/8"	0.0405	2"		0.10	0.20	0.40
12	1/4"	0.540	2"		0.11	0.20	0.40
12	3/8"	0.675	2 1/4"		0.14	0.33	0.29
12	1/2"	0.840	2 1/2"		0.33	0.50	0.50
12	3/4"	1.050	2 3/4"		0.50	0.80	3.40
12	1"	1.315	3"		0.67	1.38	1.00
12	1 1/4"	1.660	3 1/4"		1.00	2.25	1.50
12	1 1/2"	1.900	3 1/2"		1.17	3.00	2.00
12	2"	2.375	4"	2.25	2.50	5.00	3.50
12	2 1/2"	2.875	5"	3.00	3.50		8.00
6	3"	3.500	6"	4.50	6.00		11.00
6	3 1/2"	4.000	6 1/2"	5.50	7.50		13.50
6	4"	4.500	7"	7.50	10.00		18.00
6	5"	5.563	8 1/2"	12.50	17.00		33.00
4	6"	6.625	10"	17.00	25.00		46.00
4	8"	8.625	11"	29.00	44.00		78.00

ALL BULL PLUGS ARE MADE IN ACCORDANCE TO ASTM A234 WPB AND MSS-SP95

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

BULL PLUGS 1/8 THRU 4

SIZE PIPE	API OR O.D.	LENGTH INCHES	STANDARD		EXTRA HEAVY		SOLID		DBL EX & 160	
			WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
1/8	0.405	2	---	---	1/10	38.17	1/5	38.17	2/5	57.30
1/4	0.540	2	---	---	1/9	35.22	1/5	35.22	2/5	52.78
3/8	0.675	2 1/4	---	---	1/7	38.17	1/3	38.17	2/7	57.30
1/2	0.840	2 1/2	---	---	1/3	40.09	1/2	40.09	1/2	59.98
3/4	1.050	2 3/4	---	---	1/2	41.22	4/5	41.22	3/4	61.85
1	1.315	3	---	---	2/3	48.46	1 3/8	48.46	1	72.61
1 1/4	1.660	3 1/4	---	---	1	75.82	2 1/4	75.82	1 1/2	147.72
1 1/2	1.900	3 1/2	---	---	1 1/6	73.18	3	73.18	2	121.20
2	2.375	4	2 1/4	95.25	2 1/2	141.00	5	141.00	3 1/2	280.16
2 1/2	2.875	5	3	138.36	3 1/2	180.04	---	---	8	372.03
3	3.500	6	4 1/2	190.95	6	239.43	---	---	11	599.50
3 1/2	4.000	6 1/2	5 1/2	POA	7 1/2	POA	---	---	13 1/2	POA
4	4.500	7	7 1/2	240.11	10	336.86	---	---	18	785.59
6	6.625	10	17	816.61	25	1,207.00			46.00	POA

*NOT MADE IN STANDARD WEIGHT.

PRICES SHOWN ARE FOR API LINE PIPE THREADED

TAPPED BULL PLUGS - 1/4 & 1/2

2 3/8 O.D. AND SMALLER ADD \$14.89 TO LIST.

2 7/8 O.D. THRU 4 1/2 O.D. ADD \$23.74 TO LIST.

LARGER THAN 4 1/2 O.D. ADD \$45.38 TO LIST.

TAPPED BULL PLUGS - 3/4 & 1

P.O.A.

HEX BULL PLUGS 1 1/4 TO 2 - USE DOUBLE EXTRA HEAVY PRICE.

Watts 800-231-8014
Watts 800-9-FLANGE
Phone 713-675-6438
Fax 713-675-9742

ISO 9001:2008
ANAB
CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

REFINERY SOLID BLACK PLUGS

THREADED	SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
ROUND HEAD	LGTH	3	3	3	3	3	3	3	3	3
	LIST	25.21	25.21	25.21	31.96	37.11	50.55	111.15	119.90	126.27
ROUND HEAD	LGTH	4	4	4	4	4	4	4	4	4
	LIST	27.53	27.53	27.53	33.56	40.40	53.19	117.26	125.94	179.72
ROUND HEAD	LGTH	6	6	6	6	6	6	6	6	6
	LIST	48.28	48.28	55.49	57.77	61.74	74.42	164.00	176.35	224.99

THREADED	SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
HEX HEAD	LGTH	3	3	3	3	3	3	3	3	3
	LIST	31.23	31.23	31.23	40.93	49.24	63.23	159.45	164.81	262.09
HEX HEAD	LGTH	4	4	4	4	4	4	4	4	4
	LIST	31.64	31.64	31.64	41.44	50.35	69.16	179.98	179.98	281.29

SOLID BLACK PLUGS CONFORM TO A105 OR A234WPB

SOLID PLUG ELECTROPLATED OR HOT DIPPED - P.O.A.

Watts 800-231-8014
 Watts 800-9-FLANGE
 Phone 713-675-6438
 Fax 713-675-9742

ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

SEAMLESS ADAPTER NIPPLES SCHEDULE 40 A106 GRB

SIZE INCHES	WEIGHT PIPE	3	4	6	8	10	12
3/4	---	---	---	---	---	---	---
1	---	93.65	97.36	98.30	110.93	116.52	125.73
1 1/4	---	97.36	97.36	106.44	114.61	123.77	130.91
1 1/2	---	104.51	104.51	122.07	125.73	135.37	146.01
2	3.65 LB/FT	48.71	48.71	57.07	65.28	72.67	79.08
2 1/2	5.79 LB/FT	---	55.13	70.84	82.67	90.94	107.55
3	7.58 LB/FT	73.46	73.46	82.67	98.33	113.71	132.20
4	10.79 LB/FT	90.03	90.03	100.12	132.26	156.19	174.64
5	14.62 LB/FT	---	230.57	256.42	281.35	303.16	331.81
6	18.97 LB/FT	---	297.76	331.81	364.63	394.96	428.05
8	28.55 LB/FT	---	---	372.04	413.45	451.98	495.13
10	40.48 LB/FT	---	---	POA	POA	POA	POA
12	49.56 LB/FT	---	---	POA	POA	POA	POA

FOR INTERMEDIATE LENGTHS USE NEXT LONGER PRICE, PLUS 25%
LONGER THAN 12" PRICE ON APPLICATION.

FOR EXTRA HEAVY DOUBLE ABOVE PRICE. FOR DOUBLE EXTRA HEAVY, FOUR TIMES ABOVE PRICE.
ABOVE PRICES APPLY TO GROOVED, THREADED OR BEVELED ENDS OR ANY COMBINATION



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

OIL COUNTRY FITTINGS

CURRENT API THREAD STANDARDS. For threads NOT shown below, add 50% to list price.

NOMINAL SIZE	O.D. SIZE	PIPE	TUBING & CASING	NOMINAL SIZE	O.D. SIZE	PIPE	TUBING & CASING
3/4	1.050	14	---	---	5	---	8 Rd
3/4 EUE	1.050	---	10 Rd	---	5 1/2	---	8 Rd
1	1.315	11 1/2	10 Rd	5	5 9/16	8V	---
1EUE	1.315	---	10 Rd	---	6	8V	8 Rd
1 1/4	1.660	11 1/2	10 Rd	6	6 5/8	8V	8 Rd
1 1/4 EUE	1.660	---	10 Rd	---	7	---	8 Rd
1 1/2	1.900	11 1/2	10 Rd	---	7 5/8	---	8 Rd
1 1/2 EUE	1.900	---	10 Rd	8	8 5/8	8V	8 Rd
2	2 3/8	11 1/2	10 Rd	---	9 5/8	---	8 Rd
2 EUE	2 3/8	---	8 Rd	10	10 3/4	8V	8 Rd
2 1/2	2 7/8	8V	10 Rd	---	11 3/4	---	8 Rd
2 1/2 EUE	2 7/8	---	8 Rd	12	12 3/4	8V	---
3	3 1/2	8V	10 Rd	---	13 3/8	---	8 Rd
3 EUE	3 1/2	---	8 Rd	---	14	8V	---
3 1/2	4	8V	8 Rd	---	16	8V	8 Rd
3 1/2 EUE	4	8V	8 Rd	---	18	8V	---
4	4 1/2	8V	8 Rd	---	20	8V	8 Rd
4 EUE	4 1/2	---	8 Rd	---	---	---	---

Tubing and Casing Thread Color Codes: 8Rd - Red, 10Rd - Yellow, 10V - Blue, 11 1/2V (long) - Green

OIL COUNTRY EXTRAS

Swages Nipples and Bull Plugs longer or shorter than standard - Price on Application

API long threads and left hand threads - Price on Application

Tapped Bull Plugs - 1/4 & 1/2

2 3/8" O.D. and smaller add \$14.89 to list

2 7/8" O.D. thru 4 1/2" O.D. add \$23.74 to list

Larger than 4 1/2" O.D. add \$45.38 to list
P.O.A.

Tapped Bull Plugs - 3/4 & 1

CASING NIPPLES "EXTRAS"

Add 50% to list prices for all casing nipples with other than current API thread specifications,

For combination casing nipples, add following for each thread

	Comb. Thread	Long Thread
Sizes up to & including 6 5/8" O.D.	\$77.27	\$89.46
7" O.D. to & including 10 3/4" O.D.	\$95.99	\$108.76
Over 10 3/4" O.D.	\$138.02	\$142.37

For N-80 material - Add 25%. All other material - P.O.A.

COMBINATION THREADS:

For combination threads upset both ends, or non-upset both ends, add the following prices:

SIZE INCHES	ADD TO PRICE
2 3/8" O.D.	\$22.57
2 7/8" O.D.	\$22.57
3 1/2" O.D.	\$30.77
4 1/2" O.D.	\$46.00

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

TUBING DIMENSIONAL DATA

FOR PUP JOINTS, TUBING SUB & COMB NIPPLES, TUBING SWAGES NIPPLES AND BULL PLUGS, TUBING NIPPLES, AND TUBING SUB & COMB COUPLINGS.

Dimensions shown coincide with A.P.I. Std. 5A where applicable. All other dimensions have been calculated and are offered as a reference guide only. All dimensions shown are nominal and are subject to allowed tolerances as set forth in A.P.I. Std 5A as applicable and are not to be used for design.

	Wgt. Per Ft. (Std only) T & C Lbs.	NU O.D.	EUE O.D.	STD		XH*		XXH*		A.P.I. Drift (Std Only)	All Wgts. Cplg. O.D.	All Wgts. Special Clearance Cplg. O.D.
				WT*	I.D.	WT*	I.D.	WT*	I.D.			
3/4 NU	1.14	1.050	---	0.113	0.824	0.154	0.742	0.308	0.434	0.730	1.313	1.165
3/4 EUE	1.20	---	1.315	0.113	0.824	0.154	0.742	0.308	0.434	0.730	1.660	1.554
1 NU	1.68	1.315	---	0.133	1.049	0.179	0.957	0.358	0.599	0.955	1.660	1.473
1 EUE	1.80	---	1.469	0.133	1.049	0.179	0.957	0.358	0.599	0.955	1.900	1.677
1 1/4 NU	2.27	1.660	---	0.140	1.380	0.191	1.278	0.382	0.896	1.286	2.054	1.845
1 1/4 EUE	2.40	---	1.812	0.140	1.380	0.191	1.278	0.382	0.896	1.286	2.200	2.040
1 1/2 NU	2.75	1.900	---	0.145	1.610	0.200	1.500	0.400	1.100	1.516	2.200	2.104
1 1/2 EUE	2.90	---	2.094	0.145	1.610	0.200	1.500	0.400	1.100	1.516	2.500	2.375
2 O.D. (IJ or coupled)	---	2.000	---	0.165	1.649	0.219	1.562	0.422	1.156	1.576	2.335	2.335
2 1/16 O.D. (IJ or coupled)	3.40	2.062	---	0.156	1.751	0.218	1.625	0.406	1.250	1.657	2.320	2.320
2 3/8 O.D. (2) NU	4.60	2.375	---	0.190	1.995	0.250	1.875	0.438	1.500	1.901	2.875	2.670
2 3/8 O.D. (2) EUE	4.70	---	2.593	0.190	1.995	0.250	1.875	0.438	1.500	1.901	3.063	2.910
2 7/8 O.D. (2 1/2) NU	6.40	2.875	---	0.217	2.441	0.281	2.312	0.562	1.750	2.347	3.500	3.235
2 7/8 O.D. (2 1/2) EUE	6.50	---	3.093	0.217	2.441	0.281	2.312	0.562	1.750	2.347	3.668	3.460
3 1/2 O.D. (3) NU	9.20	3.500	---	0.254	2.992	0.312	2.875	0.625	2.250	2.867	4.250	3.968
3 1/2 O.D. (3) EUE	9.30	---	3.750	0.254	2.992	0.312	2.875	0.625	2.250	2.867	4.500	4.180
4 O.D. (3 1/2) NU	9.50	4.000	---	0.226	3.548	0.312	3.375	0.625	2.750	3.423	4.750	4.438
4 O.D. (3 1/2) EUE	11.00	---	4.250	0.262	3.476	0.312	3.375	0.625	2.750	3.351	5.000	4.690
4 1/2 O.D. (4) NU	12.60	4.500	---	0.271	3.958	0.343	3.813	0.687	3.125	3.833	5.200	5.000
4 1/2 O.D. (4) EUE	12.75	---	4.750	0.271	3.958	0.343	3.813	0.687	3.125	3.883	5.563	5.200

Explanation of Abbreviations:

NU	Non Upset	OD	Outside Diameter	*XH	Extra Heavy Weight
EUE	External Upset End ID	ID	Inside Diameter	*XXH	Double Extra Heavy Weight
T & C	Threaded & Coupled	Std	Std Weight	*WT	Wall Thickness
					NON A.P.I. Standards

Tubing and Casing Thread Color Codes: 8Rd - Red, 10Rd - Yellow, 10V - Blue, 11 1/2V (long) - Green



WESTBROOK

CASING DIMENSIONAL DATA

(Furnished for reference purposes only)

API SEAMLESS CASING WEIGHTS & INTERNAL PRESSURES

Size: Outside Diameter	Nominal: Threads & Coupling Weight (Lb. Per Ft.)	Inside Diameter	Wall Thickness	*WESTBROOK FITTING WEIGHTS					
				Std		XH		XXH	
				I.D.	WT.	I.D.	WT.	I.D.	WT.
4 1/2	9.50	4.090	0.205	4.000	0.250	3.920	0.290	3.152	0.674
	11.60	4.000	0.250						
	13.50	3.920	0.290						
5	11.50	4.560	0.220	4.408	0.296	4.276	0.362	3.500	0.075
	13.00	4.494	0.253						
	15.00	4.408	0.296						
	18.00	4.276	0.362						
5 1/2	14.00	5.012	0.244	4.892	0.304	4.778	0.361	4.000	0.075
	15.50	4.950	0.275						
	17.00	4.892	0.304						
	20.00	4.778	0.351						
	23.00	4.670	0.415						
6 5/8	20.00	6.049	0.288	6.049	0.288	5.791	0.417	4.897	0.864
	24.00	5.921	0.352						
	28.00	5.791	0.417						
	32.00	5.675	0.475						
7	17.00	6.538	0.231	6.456	0.272	6.184	0.408	5.750	0.625
	20.00	6.456	0.272						
	23.00	6.366	0.317						
	26.00	6.276	0.362						
	29.00	6.184	0.408						
	32.00	6.094	0.453						
	35.00	6.004	0.498						
	38.00	5.920	0.540						
7 5/8	24.00	7.025	0.300	6.969	0.328	6.875	0.375	6.375	0.625
	26.40	9.969	0.328						
	29.70	6.969	0.375						
	33.70	6.765	0.430						
	39.00	6.625	0.500						
8 5/8	24.00	8.097	0.264	7.921	0.352	7.625	0.500	6.875	0.875
	28.00	8.017	0.304						
	32.00	7.921	0.352						
	36.00	7.825	0.400						
	40.00	7.725	0.450						
	44.00	7.625	0.500						
	49.00	7.511	0.557						
9 5/8	32.30	9.001	0.312	8.921	0.352	8.681	0.472	8.000	0.813
	36.00	8.921	0.352						
	40.00	8.835	0.395						
	43.50	8.755	0.435						
	47.00	8.681	0.472						
	53.50	8.535	0.545						
10 3/4	32.75	10.192	0.279	10.050	0.350	9.760	0.495	9.064	0.843
	40.50	10.050	0.350						
	45.50	9.950	0.400						
	51.00	9.850	0.450						
	55.00	9.760	0.495						

*WESTBROOK STANDARD (NON API) DESIGNATION. USE WHEN ORDERING FITTINGS WITH CASING THREADS. CASING NIPPLES ARE ORDERED WITH API DESIGNATION.



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

SWAGE NIPPLES OIL COUNTRY

LARGE END UPSET REDUCED TO REGULAR OR UPSET

NOM. PIPE SIZE, IN.	PIPE O.D. IN.	REDUCED TO	LENGTH INCHED	STANDARD	EXTRA HEAVY	DBL EX & 160
				PRICE EACH	PRICE EACH	PRICE EACH
1	1.315	3/4	3 1/2	434.85	492.34	---
1 1/2	1.900	3/4 - 1 1/4	4 1/2	439.20	539.29	---
2	2.375	1/4 - 1/2 - 3/4	8	697.95	765.28	---
		1 - 1 1/4 - 1 1/2	8	616.56	673.81	1,223.99
		2 1/16" O.D.	8	616.56	673.81	1,223.99
2 1/2	2.875	1 - 1 1/4 - 1 1/2	8	766.44	852.29	1,529.13
		2	8	575.91	744.30	1,374.93
3	3.500	1 - 1 1/4 - 1 1/2	8	849.11	934.25	1,729.45
		2 - 2 1/2	8	754.26	895.63	1,627.44
4	4.500	1 - 1 1/4 - 1 1/2	9	1,042.71	1,146.09	2,213.92
		2 - 2 1/2	9	1,003.13	1,090.79	1,994.77
		3 - 3 1/2	9	949.58	1,043.29	1,881.13

LARGE END NON-UPSET REDUCED TO UPSET

NOM. PIPE SIZE, IN.	PIPE O.D. IN.	REDUCED TO	LENGTH INCHED	STANDARD	EXTRA HEAVY	DBL EX & 160
				PRICE EACH	PRICE EACH	PRICE EACH
1	1.315	3/4	3 1/2	269.58	299.20	---
1 1/4	1.660	3/4 - 1	4	343.49	370.65	---
1 1/2	1.900	3/4 - 1 1/4	4 1/2	400.47	431.37	---
2	2.375	3/4	6 1/2	608.14	664.41	1,461.54
		1 - 1 1/4 - 1 1/2	6 1/2	537.67	645.30	1,063.63
2 1/2	2.875	1 - 1 1/4 - 1 1/2	7	665.83	742.81	1,362.59
		2	7	551.67	645.62	1,196.33
3	3.500	1 - 1 1/4 - 1 1/2	8	739.07	811.36	1,769.06
		2 - 2 1/2	8	656.04	779.24	1,416.79
4	4.500	1 - 1 1/4 - 1 1/2	9	909.36	998.30	1,925.06
		2 - 2 1/2	9	869.66	949.53	1,735.95
		3 - 3 1/2	9	827.01	907.33	1,634.15
	5.500	2" - 3"	11	1,650.13	1,854.37	2,325.46
	7.000	2" - 3"	12	1,989.60	2,393.70	3,263.86

Swage nipples non-upset on large end are made from J-55, K-55, N-80 or the most appropriate material available

Swages nipples upset on large end are made from J-55 unless otherwise specified. For N-80 - Add 25%

All other materials - P.O.A.

Watts 800-231-8014
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WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

SWAGE NIPPLES OIL COUNTRY TUBING & CASING NON EUE ENDS

SIZE, INCHES			LENGTH INCHES	STD	XH
I.D. OR NOMINAL	O.D.	REDUCED TO		PRICE EACH	PRICE EACH
1	1.315	1/4 THRU 3/4	3 1/2	POA	POA
1 1/4	1.660	1/4 THRU 1/2	4	POA	POA
		3/4 AND 1	4	193.54	207.86
1 1/2	1.900	1/4 THRU 3/4	4 1/2	POA	POA
		1 AND 1 1/4	4 1/2	207.35	228.36
2	2.375	1/4 THRU 3/4	6 1/2	----	POA
		1 THRU 2 O.D.	6 1/2	177.45	248.88
2 1/2	2.875	1/4 THRU 3/4	7	----	POA
		1 THRU 1 1/2	7	POA	POA
		2 AND 2 1/16	7	199.63	306.87
3	3.500	1 THRU 1 1/2	8	POA	POA
		2 AND 2 1/2	8	241.95	355.88
4	4.500	1 THRU 1 1/2	9	POA	POA
		2 THRU 4 O.D.	9	355.88	559.90
	5.000	1 THRU 1 1/2	10	POA	POA
		2 THRU 4 1/2 O.D.	10	POA	POA
	5.500	1 THRU 1 1/2	11	POA	POA
		2 AND 2 1/2	11	1,075.47	1,396.53
		3 THRU 5 O.D.	11	719.00	1,119.36
	6.625	1 THRU 1 1/2	12	POA	POA
		2 AND 2 1/2	12	1,584.48	1,635.31
		3 THRU 4 O.D.	12	1,069.17	1,470.55
		4 1/2 O.D. THRU 6 O.D.	12	925.18	1,308.43
	7.000	1 THRU 1 1/2	12	POA	POA
		2 THRU 2 1/2	12	1,758.21	1,841.10
		3 THRU 5 O.D.	12	1,262.64	1,681.77
		5 1/2 O.D. AND 6 O.D.	12	983.56	1,575.43
	7.625	2 THRU 3	13	POA	POA
		4 O.D. THRU 6 O.D.	13	POA	POA
		6 5/8 O.D. THRU 7 O.D.	13	POA	POA

Swages are made from J55, K55, N80 or the most appropriate material available.

For N-80 material - Add 25%

All other material - P.O.A.

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WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

SWAGE NIPPLES

OIL COUNTRY

TUBING & CASING

NON EUE ENDS

SIZE, INCHES			LENGTH INCHES	STD	XH
I.D. OR NOMINAL	O.D.	REDUCED TO		PRICE EACH	PRICE EACH
	8.625	2 THRU 3	13	3,595.44	3,585.82
		4 THRU 6 O.D.	13	3,147.15	3,273.94
		6 5/8 O.D. THRU 7 5/8 O.D.	13	1,840.74	2,452.29
	9.625	2 THRU 3	14	POA	POA
		4 THRU 6 O.D.	14	POA	POA
		6 5/8 O.D. THRU 7 5/8 O.D.	14	POA	POA
	10.750	2 THRU 3	15	POA	POA
		4 THRU 6 O.D.	15	POA	POA
		6 5/8 O.D. THRU 7 5/8 O.D.	15	POA	POA
		8 5/8 O.D. THRU 9 5/8 O.D.	15	POA	POA

Swages are made from J55, K55, N80 or the most appropriate material available.
 For N-80 material - Add 25%
 All other material - P.O.A.



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

BULL PLUGS OIL COUNTRY TUBING

SIZE, PIPE	INCHES API OR O.D.	LENGTH INCHES	STANDARD PRICE	X HVY PRICE	XX HVY PRICE	FEMALE PRICE
3/4 EUE		3	POA	POA	---	---
1		3	POA	POA	---	---
1 EUE		3 1/4	POA	POA	---	---
1 1/4		3 1/4	POA	POA	---	---
1 1/4 EUE		3 1/2	POA	POA	---	---
1 1/2		3 1/2	POA	POA	---	---
1 1/2 EUE		4	POA	POA	---	---
2		4	136.04	174.86	399.37	399.37
2 EUE		5	230.18	315.35	534.12	534.12
2 1/2		5	142.15	223.16	431.99	431.99
2 1/2 EUE		6	317.82	406.85	831.27	831.27
3		6	200.78	297.01	800.59	800.59
3 EUE		6 1/2	351.67	530.73	1,031.81	1,031.81

Standard Bull Plugs are made from J55, XHVY and XX HVY are made from J55, K55, N80

For N-80 - Add 25%

All other material - P.O.A.

Prices cover Bull Plugs with Tubing threads (10 Rd & 8 Rd)

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ISO 9001:2008



 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

TUBING NIPPLES

18" AND SHORTER
UPSET AND NON-UPSET

DISCOUNTS APPLICABLE:

GRADE J-55 - FOLLOWING PRICES - GRADE N-80 - ADD 25%

GRADE L-80 & P-105 - P.O.A.

NOMINAL PIPE SIZE	END CONNECTION	LENGTH - PRICE EACH							
		4"	6"	8"	10"	12"	14"	16"	18"
		PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
1	UPSET A.P.I. THDS ONE OR BOTH ENDS	259.80	317.19	396.50	551.55	---	---	---	---
1	NON-UPSET (REGULAR)	159.75	159.68	180.66	210.21	228.83	271.36	292.70	302.80
1 1/4	UPSET A.P.I. THDS ONE OR BOTH ENDS	251.76	347.62	439.77	598.26	792.62	---	---	---
1 1/4"	NON-UPSET (REGULAR)	159.75	159.68	180.66	210.21	269.41	271.36	292.70	302.80
1 1/2	UPSET A.P.I. THDS ONE OR BOTH ENDS	290.41	377.13	474.41	663.51	856.44	---	---	---
1 1/2	NON-UPSET (REGULAR)	159.75	159.68	180.66	210.21	230.29	271.36	292.70	302.80
2	UPSET A.P.I. THDS ONE OR BOTH ENDS	275.50	219.22	291.23	316.27	381.36	399.79	419.87	442.88
2	NON-UPSET (REGULAR)	205.71	187.96	212.67	247.67	269.73	319.53	344.60	356.42
2 1/2	UPSET A.P.I. THDS ONE OR BOTH ENDS	360.23	335.01	385.18	409.29	488.71	509.66	540.13	563.44
2 1/2	NON-UPSET (REGULAR)	217.09	223.31	253.12	281.50	312.52	339.97	370.48	408.16
3	UPSET A.P.I. THDS ONE OR BOTH ENDS	---	526.44	560.63	598.00	720.00	761.82	802.54	846.43
3	NON-UPSET (REGULAR)	---	291.85	347.30	396.72	441.58	506.20	569.68	593.30
4	UPSET A.P.I. THDS ONE OR BOTH ENDS	---	---	949.09	1,006.68	1,212.61	1,283.70	1,355.00	1,417.65
4	NON-UPSET (REGULAR)	---	---	---	---	---	---	---	---

For intermediate, use next longer price, PLUS 25% - Extra Heavy Tubing Nipples - DOUBLE THE ABOVE PRICES

Double Extra Heavy Tubing Nipples - FOUR TIMES THE ABOVE PRICES

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WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

CASING NIPPLES

SIZE O.D.	WEIGHT PER FT	STEEL GRADE	LENGTH - PRICE						ADD FOR EACH 2" ADDITION
			8"	10"	12"	18"	24"	36"	
4 1/2	10.50	K	423.87	458.73	495.42	523.82	615.61	797.64	39.59
	11.60	K-N-P	451.79	486.57	522.72	542.11	639.59	821.66	45.37
5	11.50	K	POA	POA	POA	POA	POA	POA	POA
	13.00	K	POA	POA	POA	POA	POA	POA	POA
	15.00	K-N-P	POA	POA	POA	POA	POA	POA	POA
	18.00	N-P	POA	POA	POA	POA	POA	POA	POA
5 1/2	14.00	K	490.02	529.06	579.52	732.52	871.12	1,164.79	52.46
	15.50	K	496.86	554.03	604.24	767.59	915.74	1,233.17	48.77
	17.00	K-N-P	530.54	586.82	649.17	820.75	1,000.38	1,358.39	55.05
	20.00	N-P	509.19	578.31	638.09	834.31	1,019.96	1,391.04	64.85
6 5/8	20.00	K	631.40	978.83	771.80	981.23	1,190.86	1,611.13	64.85
	24.00	K-N-P	688.77	771.80	896.75	1,106.14	1,358.56	1,865.75	78.63
7	20.00	K	741.60	840.99	941.68	1,233.17	1,526.71	2,113.52	89.94
	23.00	K-N	641.79	714.64	790.74	1,000.38	1,208.36	1,631.17	64.85
	26.00	K-N-P	688.77	767.59	849.29	1,092.81	1,332.42	1,818.16	76.17
	29.00	N-P	732.52	914.55	914.58	1,185.43	1,449.35	2,008.79	84.80
7 5/8	26.40	K-N	773.14	876.37	981.23	1,277.73	1,585.53	2,190.95	93.81
	29.70	N-P	771.80	862.88	956.76	1,233.17	1,509.20	2,064.37	88.75
8 5/8	24.00	K	813.78	921.45	1,024.89	1,332.42	1,642.44	2,272.62	97.46
	32.00	K	790.74	872.11	993.48	1,207.00	1,457.59	1,963.85	78.63
	36.00	K-N	909.28	1,015.17	1,125.58	1,457.59	1,794.96	2,464.53	102.75
	44.00	N-P	956.94	1,080.81	1,204.34	1,585.53	1,963.85	2,717.42	114.46
	49.00	N-P	1,125.58	1,288.85	1,443.93	1,885.86	2,339.31	3,246.70	124.96
9 5/8	36.00	K	1,222.26	1,391.04	1,545.62	1,989.50	2,359.79	3,345.88	127.48
	40.00	K-N	POA	POA	POA	POA	POA	POA	POA
	43.50	N-P	POA	POA	POA	POA	POA	POA	POA
	47.00	N-P	POA	POA	POA	POA	POA	POA	POA

For intermediate lengths, use next shorter length plus price from last column for each 2" or fraction
 For N-80 material - Add 25%



WESTBROOK

SHEET NO. 228

EFFECTIVE FEBRUARY 7, 2011

BELL NIPPLES

O.D. SIZE	WEIGHT	PRICE
4 1/2	4.5#	261.54
5 1/2	9.0#	291.81
7	13.2#	575.82
8 5/8	15.0#	957.40

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ISO 9001:2008
  
CERTIFICATE NO: 32813



WESTBROOK

SHEET# 228

EFFECTIVE FEBRUARY 7, 2011

SUB TUBING COUPLINGS J-55

SIZE	WEIGHT	PRICE
	EACH	EACH
2 EUE X 2 REG	5	347.71
2 1/2 EUE X 2 REG	5	539.61
2 1/2 REG X 2 EUE	5	539.61
2 1/2 EUE X 2 REG	8	613.08
2 1/2 EUE X 2 EUE	8	613.08
2 1/2 EUE X 2 1/2 REG	7	613.08
3 REG X 2 REG	11	1,000.97
3 REG X 2 EUE	11	1,000.97
3 REG X 2 1/2 REG	10	866.64
3 REG X 2 1/2 EUE	10	866.64
3 EUE X 2 REG	15	976.91
3 EUE X 2 EUE	14	976.91
3 EUE X 2 1/2 REG	16	900.72
3 EUE X 2 1/2 EUE	15	900.72
3 EUE X 3 REG	13	881.68
4 REG X 3 REG	10	1,604.87
4 REG X 3 EUE	12	1,604.87
4 EUE X 3 REG	11	1,815.23
4 EUE X 3 EUE	11	1,815.23
4 EUE X 4 REG	10	1,815.23

For sizes smaller than 2" X 2" shown above, price POA, for N-80, add 100%
 Add 50% to price for all threaded items with other than current A.P.I. thread specifications

COMBINATION COUPLINGS J-55

SIZE, INCHES	O.D. INCHES	PRICE EACH		
		ROUND THRD X SHARP THRD OR COMB. THRD		COMB. SPECIAL THRD X REG THRD
		REG. BOTH ENDS	EUE BOTH ENDS	
2	2 3/8	307.98	330.34	P.O.A.
2 1/2	2 7/8	512.57	582.60	P.O.A.
3	3 1/2	866.59	881.68	P.O.A.
4	4 1/2	1,648.42	1,835.87	P.O.A.

For sizes smaller than 2", price \$255.78. For N-80, add 100%.
 V Threads are not recommended for lifting

ISO 9001:2008



CERTIFICATE NO: 32813



WESTBROOK

WESTBROOK M.E.G.A. Canadian Registration Numbers

This is the list of Canadian Registrations obtained by M.E.G.A. in conformity with requirements of Boiler and Pressure Vessels Act and CSA Standard B51.

The C.R.N. cover carbon, alloy and stainless steel fittings as per ASTM A105N, ASME SA105N, ASTM A182, ASME SA182, ANSI B16.11, ANSI B16.25, included in the category "A".

Territory	C.N.R.	Expiration Date
1. British Columbia	0A0855.91	May 2012
2. Alberta	0A0855.92	May 2012
3. Saskatchewan	0A0855.93	May 2012
4. Manitoba	0A0855.94	May 2012
5. Ontario	0A0855.95	May 2012
6. Quebec	0A0855.96	May 2012
7. New Brunswick	0A0855.97	May 2012
8. Nova Scotia	0A0855.98	May 2012
9. Prince Edward Island	0A0855.9	May 2012
0. New Foundland	0A0855.90	May 2012
T. Northwest Territories	0A0855.9T	May 2012
N. Nunavut	0A0855.9N	May 2012
Y. Yukon Territory	0A0599.9Y	May 2012

The C.R.N. are valid for 10 years from the date of registration.

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ISO 9001:2008
  
CERTIFICATE NO: 32813



WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

FORGED STEEL FITTINGS THREADED

CLASS 2000

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90° ELBOWS	LIST PRICE	*	16.45	19.03	16.67	18.17	23.42	46.82	57.12	78.34	206.18	318.38	1,043.90
	Weight Each	---	0.20	0.27	0.52	0.78	1.14	1.58	2.42	3.58	6.50	10.50	26.67
	Carton Qty.	---	25	25	25	25	25	25	25	10	---	---	---
45° ELBOWS	LIST PRICE	*	24.58	25.48	24.23	27.13	31.75	50.24	63.22	98.58	263.61	425.65	POA
	Weight Each	---	0.19	0.22	0.46	0.70	0.97	1.38	1.73	3.21	7.75	11.31	19.13
	Carton Qty.	---	25	25	25	25	25	25	25	10	---	---	---
TEES	LIST PRICE	*	21.03	23.48	20.19	27.35	38.00	67.23	81.37	101.73	257.93	444.56	1,102.48
	Weight Each	---	0.26	0.34	0.60	1.01	1.44	2.00	2.87	4.46	9.53	12.91	28.70
	Carton Qty.	---	25	25	25	25	25	25	20	10	---	---	---
CROSSES	LIST PRICE	*	61.77	64.06	63.34	70.46	82.73	151.17	185.44	253.88	863.65	1,068.26	POA
	Weight Each	---	0.52	0.46	0.78	1.13	1.58	2.45	3.19	5.43	16.44	19.50	32.69
	Carton Qty.	---	25	25	25	25	25	20	10	8	---	---	---

***AVAILABLE IN CLASS 3000
ALL PRODUCTS NORMALIZED**



WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

FORGED STEEL FITTINGS THREADED

CLASS 3000

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
---------------	------	------	------	------	------	----	--------	--------	----	--------	----	----

90° ELBOWS	LIST PRICE	23.53	23.53	23.53	18.04	22.63	33.64	63.91	82.46	100.14	296.44	427.06	1,078.62
	Weight Each	0.20	0.35	0.62	0.97	1.42	2.20	3.06	5.38	6.10	11.90	14.44	31.97
	Carton Qty.	25	25	25	25	25	25	20	10	9	---	---	---

45° ELBOWS	LIST PRICE	29.88	29.88	29.88	29.46	34.03	46.35	64.06	91.97	126.90	296.52	482.07	881.83
	Weight Each	0.25	0.29	0.56	0.90	1.28	1.94	2.23	4.68	4.93	7.38	13.56	19.06
	Carton Qty.	25	25	25	25	25	25	25	12	9	---	---	---

TEES	LIST PRICE	28.58	28.58	28.58	25.74	34.77	45.79	88.87	103.67	134.08	363.34	677.57	1,128.93
	Weight Each	0.32	0.43	0.75	1.32	1.96	3.16	3.80	7.31	7.50	13.13	23.10	40.00
	Carton Qty.	25	25	25	25	25	20	15	10	8	---	---	---

CROSSES	LIST PRICE	POA	POA	POA	72.76	96.01	135.10	178.99	238.48	321.49	816.81	1,081.54	1,537.46
	Weight Each	0.44	0.57	0.97	1.51	2.50	3.58	4.13	6.50	8.67	16.75	25.67	32.00
	Carton Qty.	25	25	25	25	25	20	12	8	7	---	---	---

90° STREET ELBOWS	LIST PRICE	POA	35.22	33.95	33.95	42.90	57.25	103.70	125.35	180.80	---	---	---
	Weight Each	0.26	0.22	0.35	0.58	0.97	1.79	2.34	4.29	5.46	---	---	---
	Carton Qty.	25	25	25	25	25	25	20	12	8	---	---	---

COUPLINGS	LIST PRICE	8.51	8.51	8.51	7.37	9.59	16.69	27.81	35.97	44.89	111.10	209.99	393.90
	Weight Each	0.10	0.08	0.11	0.27	0.39	0.81	1.57	2.20	3.15	4.86	6.66	12.90
	Carton Qty.	25	25	25	25	25	25	25	25	16	---	---	---

HALF COUPLINGS	LIST PRICE	4.66	4.66	4.83	4.49	6.44	8.83	15.97	21.25	28.56	58.56	131.74	230.18
	Weight Each	0.06	0.03	0.06	0.14	0.19	0.42	0.79	1.13	1.55	2.33	3.40	8.38
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---

CAPS	LIST PRICE	8.72	8.64	8.64	8.41	11.72	17.98	28.95	34.60	49.80	137.14	252.66	318.80
	Weight Each	0.08	0.07	0.09	0.24	0.36	0.72	1.00	1.63	3.13	5.00	7.19	14.00
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---

REDUCERS	LIST PRICE	---	14.06	14.66	14.66	17.40	22.66	39.69	43.10	62.51	248.76	328.98	503.69
	Weight Each	---	0.12	0.16	0.34	0.51	1.01	1.87	2.49	3.69	6.00	8.75	10.00
	Carton Qty.	---	25	25	25	25	25	25	15	10	---	---	---

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WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

FORGED STEEL FITTINGS SOCKETWELD

CLASS 3000 For Sch 40 Bore

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90° ELBOWS	LIST PRICE	31.98	31.98	31.98	17.84	18.57	23.84	45.82	53.23	78.30	222.58	384.43	1,015.21
	Weight Each	0.13	0.18	0.27	0.48	0.69	1.10	1.54	2.33	3.43	6.61	10.87	25.00
	Carton Qty.	25	25	25	25	25	25	25	25	10	---	---	---
45° ELBOWS	LIST PRICE	32.15	32.15	32.15	23.77	27.62	36.13	49.54	60.72	97.65	256.39	426.10	839.73
	Weight Each	0.13	0.20	0.21	0.43	0.68	0.85	1.36	1.63	2.97	6.75	10.50	18.19
	Carton Qty.	25	25	25	25	25	25	25	25	10	---	---	---
TEES	LIST PRICE	35.33	35.33	35.33	22.10	27.02	36.70	56.40	74.74	107.90	309.91	741.01	1,192.41
	Weight Each	0.25	0.25	0.34	0.58	0.92	1.38	1.95	2.90	4.48	8.75	12.50	27.80
	Carton Qty.	25	25	25	25	25	25	25	20	10	---	---	---
CROSSES	LIST PRICE	POA	POA	POA	80.22	82.87	89.78	121.81	175.40	252.71	589.95	783.51	POA
	Weight Each	0.25	0.25	0.38	0.81	1.13	1.55	2.25	3.06	5.13	18.00	23.00	40.00
	Carton Qty.	25	25	25	25	25	25	14	12	8	---	---	---
COUPLINGS	LIST PRICE	23.85	19.87	19.87	9.17	11.87	13.09	23.21	25.67	41.00	91.69	206.09	309.91
	Weight Each	0.13	0.10	0.13	0.22	0.39	0.55	0.88	1.28	1.79	2.55	4.04	6.63
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---
HALF COUPLINGS	LIST PRICE	POA	POA	POA	10.38	10.59	14.15	28.60	28.51	41.30	377.83	402.55	506.14
	Weight Each	0.13	0.13	0.13	0.30	0.45	0.72	0.81	1.00	2.00	2.63	3.88	6.63
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---
CAPS	LIST PRICE	19.01	19.01	19.01	11.55	13.46	20.43	24.07	33.44	51.58	280.50	289.88	431.68
	Weight Each	0.06	0.06	0.13	0.21	0.34	0.53	0.81	1.13	1.69	3.00	3.63	6.69
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---
REDUCERS	LIST PRICE	---	46.58	47.92	32.58	32.60	37.76	58.14	62.32	68.90	221.13	398.74	423.70
	Weight Each	---	0.12	0.18	0.34	0.50	0.73	1.35	1.58	3.50	6.20	6.50	7.00
	Carton Qty.	---	25	25	25	25	25	25	25	20	---	---	---



WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

FORGED STEEL FITTINGS THREADED

CLASS 6000

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90° ELBOWS	LIST PRICE	POA	POA	POA	35.82	45.62	58.49	126.71	153.23	258.19	435.41	1,083.33	POA
	Weight Each	0.25	0.63	1.02	1.71	2.63	3.83	6.75	7.50	13.44	20.88	39.05	38.00
	Carton Qty.	25	25	25	25	25	20	20	10	---	---	---	---
45° ELBOWS	LIST PRICE	POA	POA	POA	49.90	64.73	78.11	193.82	193.82	260.75	989.17	1,039.52	POA
	Weight Each	0.25	0.64	0.50	1.44	2.19	2.78	4.69	5.75	9.50	15.00	30.56	---
	Carton Qty.	25	25	25	25	25	20	20	10	---	---	---	---
TEES	LIST PRICE	POA	POA	POA	49.13	66.46	114.80	139.71	198.55	358.98	1,190.69	1,196.02	POA
	Weight Each	0.50	0.85	1.41	2.26	3.56	5.05	7.63	9.63	18.70	28.06	47.50	---
	Carton Qty.	25	25	25	25	20	15	15	8	---	---	---	---
CROSSES	LIST PRICE	POA	POA	POA	158.23	324.69	467.51	639.17	768.94	809.95	1,504.67	1,597.71	POA
	Weight Each	0.56	1.19	1.50	2.75	4.31	6.63	10.75	11.50	22.19	19.50	54.00	---
	Carton Qty.	25	25	25	25	20	20	10	7	---	---	---	---
90° STREET ELBOWS	LIST PRICE	POA	POA	POA	69.30	108.80	178.35	335.70	431.63	---	---	---	---
	Weight Each	0.37	0.38	0.44	1.00	1.63	3.03	3.69	7.12	---	---	---	---
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---
COUPLINGS	LIST PRICE	22.13	21.80	21.80	18.83	21.56	28.95	54.25	59.79	88.77	POA	POA	POA
	Weight Each	0.16	0.25	0.45	0.68	0.91	1.93	2.38	4.15	6.25	10.75	13.50	24.50
	Carton Qty.	25	25	25	25	25	25	25	25	16	---	---	---
HALF COUPLINGS	LIST PRICE	POA	17.02	18.49	13.74	14.58	18.16	40.79	50.86	92.64	POA	POA	POA
	Weight Each	0.07	0.09	0.13	0.33	0.47	0.95	1.19	2.19	3.08	5.38	6.75	6.63
	Carton Qty.	25	25	25	25	25	25	25	25	---	---	---	---
CAPS	LIST PRICE	POA	POA	POA	26.30	31.57	33.61	85.48	87.06	103.52	745.48	808.09	---
	Weight Each	0.13	0.13	0.19	0.31	0.44	0.75	1.31	1.69	3.25	8.10	11.70	14.25
	Carton Qty.	---	---	---	25	25	25	25	25	20	10	6	---
REDUCERS	LIST PRICE	---	POA	POA	145.49	145.49	205.24	310.61	284.27	398.81	POA	POA	POA
	Weight Each	---	0.25	0.43	0.75	1.05	2.00	3.70	4.60	7.00	11.00	15.00	15.00
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---



WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

FORGED STEEL FITTINGS SOCKETWELD

CLASS 6000 For Sch 160 Bore
ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90° ELBOWS	LIST PRICE	---	---	---	30.68	34.13	46.90	77.63	104.19	152.81	318.56	556.92	1,384.83
	Weight Each	---	---	---	0.90	1.44	2.37	3.19	5.81	6.90	11.88	19.25	32.70
	Carton Qty.	---	---	---	25	25	25	18	10	---	---	---	---
45° ELBOWS	LIST PRICE	---	---	---	37.51	44.98	57.41	114.94	139.94	165.28	784.14	824.06	955.73
	Weight Each	---	---	---	0.88	0.67	1.91	2.27	4.31	4.81	9.63	14.25	27.25
	Carton Qty.	---	---	---	25	25	20	20	12	---	---	---	---
TEES	LIST PRICE	---	---	---	46.30	53.39	66.76	146.57	172.39	218.41	416.25	806.31	1,319.48
	Weight Each	---	---	---	1.38	1.96	3.22	3.75	7.48	8.24	16.63	23.50	33.00
	Carton Qty.	---	---	---	25	25	20	18	7	---	---	---	---
CROSSES	LIST PRICE	---	---	---	325.22	461.20	493.05	684.97	678.14	955.83	---	---	---
	Weight Each	---	---	---	1.50	2.50	3.46	5.25	8.75	9.44	---	---	---
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---
COUPLINGS	LIST PRICE	---	---	---	17.85	19.71	24.87	65.22	65.22	93.47	POA	POA	POA
	Weight Each	---	---	---	0.38	1.63	1.26	1.44	2.00	3.88	5.50	6.63	13.13
	Carton Qty.	---	---	---	25	25	25	25	20	---	---	---	---
HALF COUPLINGS	LIST PRICE	---	---	---	28.31	31.42	38.84	277.74	370.85	417.84	POA	POA	POA
	Weight Each	---	---	---	0.38	0.56	1.00	1.44	2.00	3.88	5.50	6.00	---
	Carton Qty.	---	---	---	25	25	25	25	20	12	---	---	---
CAPS	LIST PRICE	---	---	---	23.89	34.78	36.93	85.79	112.08	166.24	POA	POA	POA
	Weight Each	---	---	---	0.38	0.50	1.13	1.13	2.25	3.50	5.63	6.00	14.25
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---
REDUCERS	LIST PRICE	---	POA	POA	POA	146.52	155.58	176.18	251.35	305.10	POA	POA	POA
	Weight Each	---	---	---	---	0.50	1.00	1.85	2.32	3.66	6.00	8.75	10.00
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---

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 CERTIFICATE NO: 32813



WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

SOCKET WELD REDUCER INSERTS MSS-SP-79

ASTM A105N / ASME SA105N

SIZE - INCHES	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
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CLASS 3000 SOCKET WELD REDUCER INSERTS SCH 40	LIST PRICE	---	---	17.51	17.69	21.59	23.63	27.73	34.66	47.45	329.31	410.92	POA
	Weight Each	---	---	---	0.20	0.31	0.42	0.69	0.82	0.93	1.60	3.85	---
	Carton Qty.	---	---	---	25	25	25	20	10	9	---	---	---

CLASS 6000 SOCKET WELD REDUCER INSERTS SCH 160	LIST PRICE	---	---	---	POA	79.64	83.28	214.35	180.32	235.80	POA	POA	POA
	Weight Each	---	---	---	0.15	0.20	0.50	0.83	0.95	1.97	2.20	3.10	---
	Carton Qty.	---	---	---	---	---	---	---	---	---	---	---	---

FORGED STEEL PLUGS

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
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SOLID SQUARE HEAD PLUGS	LIST PRICE	3.90	3.90	4.09	4.29	5.34	8.18	16.87	19.26	30.42	78.26	130.99	206.94
	Weight Each	0.02	0.03	0.04	0.09	0.16	0.33	0.57	0.81	1.35	2.25	2.87	7.18
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---

SOLID HEX HEAD PLUGS	LIST PRICE	3.27	3.27	3.40	3.40	6.31	8.89	15.12	21.50	33.37	75.23	137.45	226.20
	Weight Each	0.01	0.05	0.07	0.14	0.28	0.44	0.91	1.31	2.19	3.72	5.87	13.00
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---

SOLID ROUND HEAD PLUGS	LIST PRICE	7.74	7.35	7.35	5.60	6.60	9.68	22.54	24.22	36.04	76.17	140.58	240.20
	Weight Each	0.03	0.09	0.14	0.23	0.39	0.71	1.13	1.56	3.10	4.75	7.62	12.87
	Carton Qty.	25	25	25	25	25	25	25	25	20	---	---	---

SOLID ROUND HEAD SW PLUGS	LIST PRICE	58.65	58.65	58.65	59.68	67.12	80.92	129.02	133.77	172.46	POA	POA	POA
	Weight Each	0.13	0.13	0.19	0.25	0.42	0.75	1.13	1.56	3.00	4.75	7.62	12.87
	Carton Qty.	25	25	25	25	25	25	25	25	25	---	---	---

BUSHINGS

ASME B16.11 / ASTM A105N / ASME SA105N

SIZE - INCHES	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
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HEX BUSHINGS	LIST PRICE	---	5.39	5.39	5.42	6.66	10.85	17.69	20.39	30.61	95.97	148.45	321.65
	Weight Each	---	0.03	0.03	0.06	0.11	0.21	0.41	0.39	0.92	1.29	2.13	4.50
	Carton Qty.	---	25	25	25	25	25	25	25	25	---	---	---

PLUGS ARE NOT IDENTIFIED BY CLASS. THEY MAY BE USED FOR RATINGS UP THROUGH CLASS 6000

Watts 800-231-8014
Watts 800-9-FLANGE
Phone 713-675-6438
Fax 713-675-9742





WESTBROOK

SHEET NO.705

EFFECTIVE MARCH 15, 2010

THREADED UNIONS - CLASS 3000

MSS-SP-83

ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
STEEL TO STEEL/BLACK	LIST PRICE	36.18	36.18	36.82	31.00	38.28	50.02	79.34	94.62	128.29	317.95	374.31
WEIGHT EACH		0.38	0.35	0.50	0.73	1.20	1.73	2.61	3.42	5.32	8.75	13.00
CARTON QTY		25	25	25	25	25	25	18	14	9	---	---

SOCKET WELD UNIONS - CLASS 3000

MSS-SP-83

ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
STEEL TO STEEL/BLACK	LIST PRICE	42.61	42.61	42.61	35.71	41.66	53.67	86.57	93.76	134.99	340.32	410.27
WEIGHT EACH		0.38	0.36	0.50	0.70	1.17	1.70	2.48	3.37	5.22	8.75	12.63
CARTON QTY		25	25	25	25	25	25	18	14	9	---	---

THREADED UNIONS - CLASS 6000

MSS-SP-83

ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
STEEL TO STEEL/BLACK	LIST PRICE	---	94.78	86.13	77.17	87.52	113.21	188.09	220.27	442.29
WEIGHT EACH		---	0.56	0.75	1.25	1.75	3.17	3.75	6.00	10.50
CARTON QTY		---	25	25	25	25	20	15	9	5

SOCKET WELD UNIONS - CLASS 6000

MSS-SP-83

ASTM A105N / ASME SA105N

SIZE - INCHES		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
STEEL TO STEEL/BLACK	LIST PRICE	---	80.90	80.90	79.50	92.41	133.96	207.20	243.10	457.82
WEIGHT EACH		---	0.56	0.75	1.25	1.75	3.00	3.75	6.00	10.50
CARTON QTY		---	25	25	25	25	20	15	9	5