



TUBE FORGINGS
of AMERICA INC.

WF-18-B

Carbon Steel Buttweld Fittings

STANDARD WEIGHT

NOMINAL PIPE SIZE (INCHES)	90° ELBOWS			45° ELBOWS		TEES	CAPS	180° RETURNS		CROSSES	NOMINAL PIPE SIZE (INCHES)
	LONG RADIUS	SHORT RADIUS	3R	LONG RADIUS	3R	FULL SIZE OUTLET		LONG RADIUS	SHORT RADIUS		
1/2	\$55	-	-	\$211	-	-	\$145	-	-	-	1/2
3/4	\$151	-	-	\$211	-	\$373	\$145	-	-	-	3/4
1	\$70	\$112	-	\$74	-	\$185	\$145	-	-	-	1
1-1/4	\$70	\$112	-	\$74	-	\$231	\$68	-	-	-	1-1/4
1-1/2	\$70	\$112	-	\$74	-	\$231	\$68	-	-	\$2,974	1-1/2
2	\$77	\$116	\$783	\$74	\$783	\$185	\$92	-	-	\$2,974	2
2-1/2	\$93	\$186	\$1,214	\$89	\$1,166	\$255	\$96	-	-	\$2,974	2-1/2
3	\$114	\$219	\$1,051	\$93	\$964	\$284	\$96	-	-	\$3,856	3
3-1/2	-	-	-	-	-	-	-	-	-	-	3-1/2
4	\$186	\$288	\$1,503	\$168	\$1,278	\$400	\$140	-	-	\$5,066	4
5	\$403	\$855	-	\$254	-	\$658	\$217	-	-	-	5
6	\$408	\$759	\$2,680	\$330	\$2,004	\$685	\$240	-	-	\$10,828	6
8	\$770	\$1,258	\$5,216	\$549	\$3,653	\$1,196	\$362	-	-	\$16,119	8
10	\$1,550	\$2,575	\$9,584	\$1,096	\$7,583	\$2,348	\$658	-	-	\$33,468	10
12	\$2,296	\$3,600	\$13,208	\$1,550	\$9,260	\$3,288	\$992	-	-	\$35,754	12
14	\$3,279	\$4,997	-	\$2,084	-	\$5,767	\$1,320	-	-	-	14
16	\$4,517	\$6,050	\$21,869	\$3,735	\$15,225	\$6,447	\$1,539	-	-	-	16
18	\$5,979	\$9,371	-	\$5,282	-	\$10,195	\$2,107	-	-	-	18
20	\$8,271	\$9,779	\$33,711	\$5,467	\$25,631	\$16,077	\$2,391	-	-	-	20
22	-	-	-	-	-	-	-	-	-	-	22
24	\$11,696	\$15,049	\$46,993	\$8,286	\$33,351	\$20,751	\$3,250	-	-	-	24

EXTRA STRONG

NOMINAL PIPE SIZE (INCHES)	90° ELBOWS			45° ELBOWS		TEES	CAPS	180° RETURNS		CROSSES	NOMINAL PIPE SIZE (INCHES)
	LONG RADIUS	SHORT RADIUS	3R	LONG RADIUS	3R	FULL SIZE OUTLET		LONG RADIUS	SHORT RADIUS		
1/2	\$68	-	-	\$208	-	-	\$166	-	-	-	1/2
3/4	\$188	-	-	\$208	-	\$441	\$166	-	-	-	3/4
1	\$92	\$222	-	\$97	-	\$176	\$166	-	-	-	1
1-1/4	\$92	\$222	-	\$97	-	\$176	\$85	-	-	-	1-1/4
1-1/2	\$92	\$222	-	\$97	-	\$176	\$85	-	-	-	1-1/2
2	\$93	\$328	\$821	\$97	\$821	\$201	\$92	-	-	\$3,490	2
2-1/2	\$131	\$328	\$1,404	\$216	\$1,166	\$335	\$126	-	-	\$5,074	2-1/2
3	\$168	\$328	\$1,153	\$126	\$976	\$312	\$140	-	-	\$5,593	3
3-1/2	-	-	-	-	-	-	-	-	-	-	3-1/2
4	\$276	\$541	\$2,004	\$197	\$1,708	\$505	\$190	-	-	\$7,914	4
5	\$658	\$1,212	-	\$470	-	\$1,259	\$312	-	-	-	5
6	\$697	\$1,258	\$3,498	\$542	\$2,530	\$966	\$388	-	-	\$14,054	6
8	\$1,326	\$2,692	\$6,720	\$936	\$4,478	\$1,845	\$582	-	-	\$18,905	8
10	\$2,796	\$4,056	\$14,569	\$1,803	\$9,741	\$2,850	\$894	-	-	\$37,531	10
12	\$3,425	\$4,848	\$18,286	\$2,674	\$13,000	\$4,147	\$1,194	-	-	\$39,402	12
14	\$4,748	\$6,981	-	\$3,377	-	\$7,873	\$1,814	-	-	-	14
16	\$5,987	\$8,451	\$26,439	\$4,102	\$21,183	\$7,472	\$2,080	-	-	-	16
18	\$7,840	\$11,032	-	\$6,170	-	\$15,790	\$2,814	-	-	-	18
20	\$11,176	\$13,461	\$38,525	\$7,344	\$27,708	\$17,259	\$2,978	-	-	-	20
22	-	-	-	-	-	-	-	-	-	-	22
24	\$18,186	\$20,607	\$49,465	\$12,323	\$38,924	\$23,236	\$4,240	-	-	-	24