



TUBE FORGINGS  
of AMERICA INC.

TF-22-C  
11.04.2022

# 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	\$183	-	-	\$255	-	-	\$263	-	-	-	1/2
3/4	\$183	-	-	\$255	-	\$451	\$263	-	-	-	3/4
1	\$89	\$135	-	\$89	-	\$226	\$263	-	-	-	1
1-1/4	\$85	\$135	-	\$89	-	\$279	\$124	-	-	-	1-1/4
1-1/2	\$85	\$135	-	\$89	-	\$279	\$124	-	-	\$4,660	1-1/2
2	\$94	\$141	\$993	\$89	\$993	\$224	\$168	-	-	\$4,234	2
2-1/2	\$112	\$226	\$1,469	\$108	\$1,411	\$309	\$175	-	-	\$4,660	2-1/2
3	\$138	\$265	\$1,272	\$112	\$1,166	\$343	\$175	-	-	\$5,489	3
3-1/2	-	-	-	-	-	\$484	-	-	-	-	3-1/2
4	\$226	\$349	\$1,818	\$204	\$1,547	\$484	\$255	-	-	\$7,212	4
5	\$487	\$1,035	-	\$307	-	\$796	\$396	-	-	-	5
6	\$494	\$919	\$3,243	\$399	\$2,424	\$829	\$437	-	-	\$15,414	6
8	\$932	\$1,522	\$6,312	\$664	\$4,420	\$1,448	\$658	-	-	\$24,385	8
10	\$1,876	\$3,116	\$11,596	\$1,327	\$9,175	\$2,841	\$1,196	-	-	\$50,625	10
12	\$2,779	\$4,356	\$15,982	\$1,876	\$11,205	\$3,979	\$1,802	-	-	\$54,085	12
14	\$3,968	\$6,047	-	\$2,521	-	\$6,978	\$2,400	-	-	-	14
16	\$5,466	\$7,321	\$26,462	\$4,520	\$18,423	\$7,801	\$2,800	-	-	-	16
18	\$7,235	\$11,339	-	\$6,391	-	\$12,337	\$3,830	-	-	-	18
20	\$10,008	\$11,833	\$40,790	\$6,615	\$31,013	\$19,454	\$4,345	-	-	-	20
22	-	-	-	-	-	-	-	-	-	-	22
24	\$14,153	\$18,209	\$56,861	\$10,027	\$40,355	\$25,109	\$5,905	-	-	-	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	\$228	-	-	\$252	-	-	\$302	-	-	-	1/2
3/4	\$228	-	-	\$252	-	\$534	\$302	-	-	-	3/4
1	\$116	\$268	-	\$118	-	\$215	\$302	-	-	-	1
1-1/4	\$111	\$268	-	\$118	-	\$213	\$155	-	-	-	1-1/4
1-1/2	\$111	\$268	-	\$118	-	\$213	\$155	-	-	-	1-1/2
2	\$112	\$397	\$993	\$118	\$993	\$243	\$168	-	-	\$4,969	2
2-1/2	\$158	\$397	\$1,698	\$262	\$1,411	\$406	\$229	-	-	\$7,680	2-1/2
3	\$204	\$397	\$1,395	\$153	\$1,181	\$377	\$255	-	-	\$7,962	3
3-1/2	-	-	-	-	-	\$612	-	-	-	-	3-1/2
4	\$334	\$655	\$2,424	\$239	\$2,067	\$612	\$345	-	-	\$11,266	4
5	\$796	\$1,466	-	\$569	-	\$1,524	\$567	-	-	-	5
6	\$844	\$1,522	\$4,233	\$656	\$3,061	\$1,169	\$705	-	-	\$21,260	6
8	\$1,605	\$3,257	\$8,131	\$1,133	\$5,419	\$2,233	\$1,057	-	-	\$26,912	8
10	\$3,384	\$4,908	\$17,629	\$2,181	\$11,787	\$3,449	\$1,624	-	-	\$53,426	10
12	\$4,145	\$5,866	\$22,127	\$3,235	\$15,730	\$5,018	\$2,170	-	-	\$59,600	12
14	\$5,745	\$8,447	-	\$4,087	-	\$9,526	\$3,295	-	-	-	14
16	\$7,245	\$10,226	\$31,991	\$4,963	\$25,631	\$9,041	\$3,780	-	-	-	16
18	\$9,486	\$13,349	-	\$7,466	-	\$19,106	\$5,115	-	-	-	18
20	\$13,523	\$16,288	\$46,616	\$8,886	\$33,527	\$20,884	\$5,425	-	-	-	20
22	-	-	-	-	-	-	-	-	-	-	22
24	\$22,006	\$24,935	\$59,853	\$14,911	\$47,098	\$28,116	\$7,705	-	-	-	24