

NPS/NB	90° LR ELBOWS		45° LR ELBOWS		EQUAL TEES		STUB
(in)							ENDS
	SCH	SCH	SCH	SCH	SCH	SCH	SCH
	10S	40S	10S	40S	10S	40S	10S
1/2	~	/	/	~	V	~	-
3/4	~	~	~	~	~	✓	_
1	/	/	~	/	~	~	~
11/4	✓	✓	~	✓	_		_
1½	/	/	/	✓	'	/	/
2	✓	✓	✓	✓	/	~	~
2½	/	V	_	-	_	-	_
3	✓	✓	'	✓	'	✓	_
4	/	V	/	V	'	/	_
5	_	_	_	_	_	-	_
6	V	V	/	V	'	/	/
8	✓	~	_	_	'	~	V
10	V	_	_	_	/	/	-
12	✓	-	_	-	'	~	_





WELDED BUTT WELD FITTINGS ASTM A403, 316L

NPS/NB (in)	90° LR ELBOWS		45° LR ELBOWS		EQUAL TEES		STUB ENDS	
	SCH	SCH	SCH	SCH	SCH	SCH	SCH	
	10S	40S	108	40S	10S	40S	10S	40S
1/2	~	V	~	~	~	~	~	-
3/4	✓	✓	~	✓	~	✓	_	_
1	V	/	'	✓	~	~	~	_
11/4	✓	✓	'	✓	~	✓	_	_
1½	✓	✓	'	✓	~	✓	~	-
2	✓	✓	'	✓	~	✓	~	_
2½	✓	✓	/	✓	~	✓	~	-
3	✓	✓	'	✓	✓	✓	~	_
4	✓	✓	/	✓	~	✓	V	-
5	-	-	/	✓	_	_	~	-
6	✓	✓	'	✓	~	✓	~	~
8	✓	✓	/	-	/	✓	~	/
10	✓	✓	'	_	✓	✓	~	-
12	✓	✓	_	_	~	✓	V	_
14	✓	_	_	_	_	_	-	_
16	~	_	_	_	_	_	-	-
18	✓	_	_	_	_	_	_	_
20	V	_	_	_	_	_	_	_
24	✓	_	_	_	_	_	_	_



NPS/NB (in)	CON RED		ECC	ECC RED		RED TEES	
()	SCH	SCH	SCH	SCH	SCH	SCH	
	108	40S	108	40S	108	40S	
	100	400	100	400	100	400	
³⁄₄ x ½	~	-	'	-	~	-	
1 x ½	/	-	V	✓	/	-	
1 x ¾	/	~	V	~	/	_	
11/4 x 3/4	V	_	_	_	/	_	
1¼ x 1	_	_	_	_	V	_	
1½ x ½	_	_	_	_	~	_	
1½ x ¾	V	_	V	_		-	
1½ x 1	~	~	V	~	~	_	
1½ x 1¼	/	_	_	_	_	_	
2 x 1	V	V	V	V	V	-	
2 x 11/4	~	_	V	_	_	_	
2 x 1½	~	/	~	/	V	_	
2½ x 1½	~	_	_	_	~	_	
2½ x 2	~	_	V	_	V	_	
3 x 1	~	_	_	_	_	_	
3 x 1½	~	_	V	/	V	_	
3 x 2	~	~	~	~	~	_	
3 x 2½	V	_	V	_	V	_	
4 x 2	~	~	V	/	~	_	
4 x 2½	~	_	V	_	_	_	
4 x 3	~	/	~	~	~	_	
6 x 3	V	/	V		V	_	
6 x 4	~	/	/	~	~		
8 x 4	~	V	V	V	~	V	
8 x 5	V	·	Ÿ	·	·	_	
8 x 6	~	_ _	~	~	~	V	
10 x 4		_	Ÿ	·	~	·	
10 x 6	- -	_	~	_	~	_	
10 x 8	V	_	~	_	•		
12 x 6	~			_	- /	_	
12 x 8	V	_	_	_	~	_	
12 x 10	V	_	_	_	V	_	
12 X 10		_	_	_		_	
1	1				1		



WELDED BUTT WELD FITTINGS ASTM A403, 304L



WELDED BUTT WELD FITTINGS ASTM A403, 316L

NPS/NB (in)	CON RED		ECC	RED	RED TEES	
()	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S	SCH 40S
³⁄₄ x ½	~	~	_	_	·	_
1 x ½	V	/	V	V	V	_
1 x ¾	V	/	~	V	/	_
11/4 x 1/2	~	_	_	_	_	_
11/4 x 3/4	~	/	_	_	_	_
1¼ x 1	~	✓	_	_	/	_
1½ x ½	~	✓	_	_	~	-
1½ x ¾	V	✓	V	-	_	_
1½x 1	~	/	~	~	~	-
1½ x 1¼	_	✓	'	_	_	_
2 x 1	'	✓	'	✓	'	_
2 x 11/4	_	✓	'	_	_	_
2 x 1½	✓	✓	'	✓	'	_
2½ x 1½	~	-	_	-	_	-
2½ x 2	~	/	~	-	~	_
3 x 1	/	-	_	-	_	-
3 x 1½	~	'	~	~	~	_
3 x 2	'	✓	'	✓	'	_
3 x 2½	~	✓	'	_	'	_
4 x 1½	/	-	~	-	~	-
4 x 2	~	/	~	~	~	_
4 x 2½	/	~	~	-	~	-
4 x 3	~	'	~	~	~	_
5 x 3	/	_	_	-	_	_
5 x 4	<i>'</i>	_	_	_	<i>'</i>	_
6 x 3	/	~	V	-	~	-
6 x 4	<i>V</i>	~	<i>V</i>	_		
6 x 5	V	- /	V		- -	- /
8 x 4	V	~	V	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	~
8 x 6 10 x 4	V	•		•	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	•
10 x 4	_	_	_ _	_	V	- ~
10 x 8		~	~	_	V	~
10 x 6	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	~		-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	~
12 x 8		~	_	_		~
12 x 10	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_	_	_	V	_
12 × 10		_	_	=	-	-

Weights

All weights shown in this publication are for guidance only. They are calculated using nominal dimensions and are scientifically recognised densities. Please note that in practice, the actual weight can vary significantly from the theoretical weight due to variations in manufacturing tolerances and compositions.

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