

Y2410_C001
FLAT BAR TOLERANCES WHEN CUT FROM PLATE

ALL FLAME OR ARC CUT SURFACES SHALL BE VISUALLY INSPECTED. NOTCHES AND IRREGULARITIES ON, OR IN, THE FLAME CUT SURFACE SHALL BE REMOVED BY GRINDING OR MACHINING AS NECESSARY TO MEET THE ACCEPTANCE STANDARDS OF AWS C4.1. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH SHALL MEET THE ACCEPTANCE OF SAMPLE 2 OR BETTER.

FLAT BAR CUT FROM PLATE SHALL CONFORM TO THE TOLERANCE OF ASTM A6 TABLE 26 AS SHOWN BELOW. THE "SPECIAL NGNN ALLOWANCE TOLERANCE TABLE" FOLLOWING TABLE 26 SHALL BE USED WHEN SUPPLIER CANNOT MEET THE SPECIFIED REQUIREMENTS IN TABLE 26.

ASTM A6 - TABLE 26		
SPECIFIED WIDTH, IN. AND LENGTH, FT. (A)	PERMITTED VARIATIONS FROM SPECIFIED WIDTH, IN.	
	OVER	UNDER
TO 1, INCL.	1/64	1/64
OVER 1 TO 2, INCL.	1/32	1/32
OVER 2 TO 4, INCL.	1/16	1/32
OVER 4 TO 6, INCL.	3/32	1/16
OVER 6 TO 8, INCL."	1/8 (B)	3/32 (B)
(A) BAR LENGTH DOES NOT AFFECT TOLERANCE.		
(B) FOR FLATS OVER 6 TO 8 IN., IN WIDTH, AND TO 3 IN. INCL. IN THICKNESS		

SPECIAL NGNN ALLOWANCE TOLERANCE TABLE		
SPECIFIED WIDTH, IN. AND LENGTH, FT.	PERMITTED VARIATIONS FROM SPECIFIED WIDTH, IN.	
	OVER	UNDER
TO 2, INCL. (A)	1/16	1/16
OVER 2 TO 4, INCL. (B)	1/8	1/8
OTHERWISE - ASTM A6 - TABLE 26	SEE ABOVE	SEE ABOVE
(A) WHERE LENGTH <= 20'		
(B) WHERE LENGTH > 20'		