ASTM A500-89/ASME SA500 COLD FORMED WELDE AND SEAMLESS CARBON STEEL STRUCTURAL TUBING IN ROUNDS AND SHAPES

- 1. Scope
- 1.1 This specification covers cold-formed welded and seamless carbon steel round, square, rectangular, or special shape structural tubing for welded, riveted, or bolted construction of bridges and buildings, and for general structural purposes.
- 1.2 This tubing is produced in both welded and seamless seizes with a maximum periphery of 64in. (1626 mm) and a maximum wall of 0.625 in. (15.88 mm). Grade Requires heat treatment.
- Note 1 Products manufactured to this specification may not be suitable for those applications such as dynamically loaded elements in welded structures, etc, where low-temperature notch-toughness properties may be important.
- 1.3 The values stated in inch-pound units are to be regarded as the standard.

JIS Number and Corresponding Foreign Standards

JIS			ASTM			BS			NF			Index
Std.No	Grade	Туре	Std.No	Grade	Туре	Std.No	Grade	Туре	Std.No	Grade	Туре	Number
G3444	STK290	С	A252	Gr1	С				A49-642	TS30.0	С	C016
	(STK30)		A5000	Gr A	С				A49-643	TS30.0	С	
									A49-643	TS30a	С	
									A49-644	TS30.0	С	
									A49-645	TS30.0	С	
										TS30E	С	
										TS30ES	С	
	STK400	С	A252	Gr2	С	6232	SAW	С	A49-643	TS37a	С	
	(STK41)		A500	Gr B	С							
			A501	-	С							
	STK500	С				6323	SAW	С				
	(STK50)											
	STK490	С							A49-643	TS47a	С	
	(STK50)											
	STK540	С										
	(STK55)											