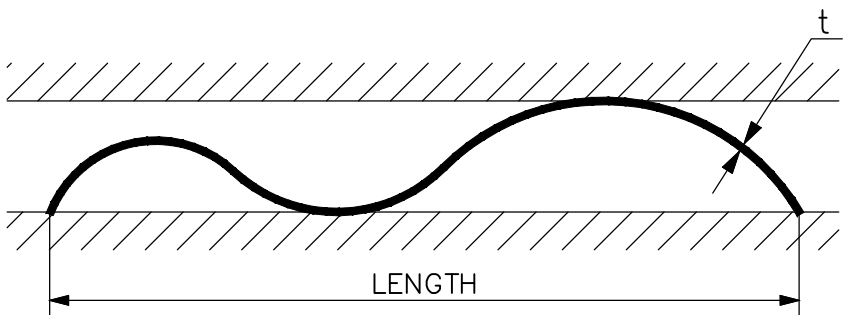
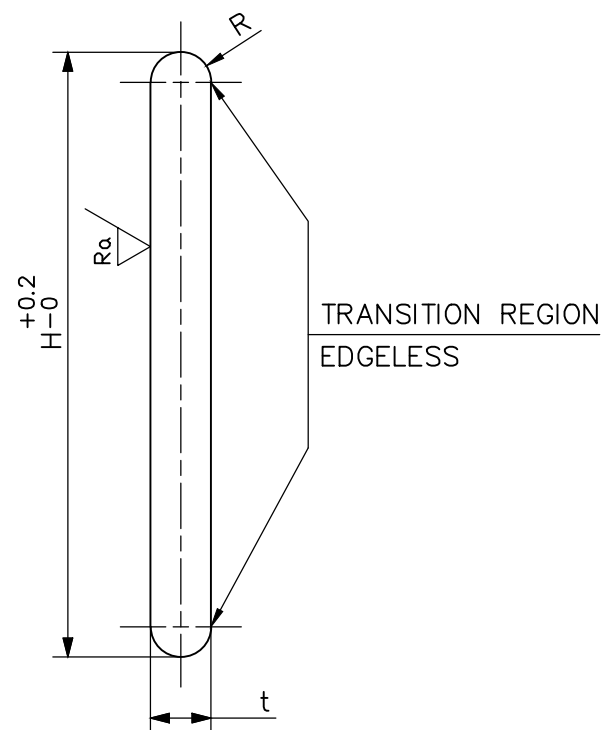


ALL DIMENSIONS ARE IN MILLIMETERS

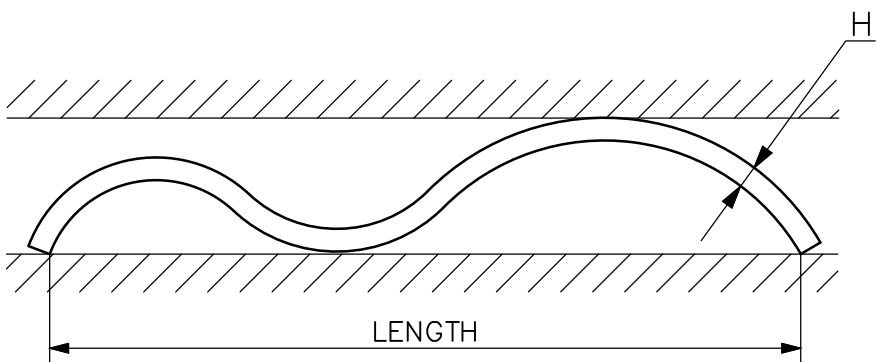


2. WAVINESS AND TORSION

- * WAVINESS RELATED TO ANY MEASURED LENGTH (≥ 250) = 1/1000 OF MEASURED LENGTH
- * TORSION RELATED TO ANY MEASURED LENGTH (≥ 250) = 0.3/1000 OF MEASURED LENGTH

TOLERANCE ON THICKNESS

t	TOLERANCE ON t	H	R
2.0	± 0.05	20.0	1.0
1.5	$+0$ -0.05	10.0	0.75
3.5	± 0.05	21.0	1.75

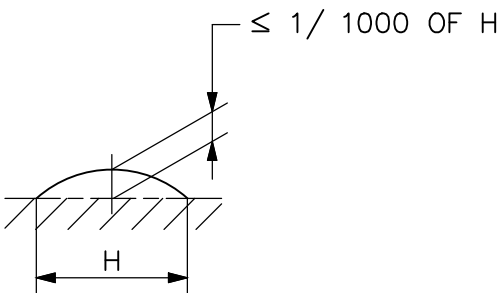


3. STRAIGHTNESS

- * STRAIGHTNESS RELATED TO ANY MEASURED LENGTH (≥ 250) = 1/1000 OF MEASURED LENGTH



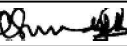
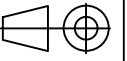
1. PROFILE AND SURFACE FINISH

- * $Ra \leq 0.8 \mu m$ FOR AREAS OF ANY TYPE OF SURFACE
- HOWEVER,
- * $Ra \leq 1.25 \mu m$ FOR AREAS WITH TYPE OF SURFACE CONFORMING TO BIP-3 (U) OR BIP-4 (U) REFER DIN-4761



4. CONVEXITY

REV	DATE	ALTERED :
		CHD&APPD :

<p>CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.</p>		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		700MWe/GHAVP-1&2					
		 05-229/D	Bharat Heavy Electricals Ltd		DRN	NAME N.K	SIGNATURE	DATE	NO. OF VAR
			UNIT: HIGH PRESSURE BOILER PLANT		CHD	MAK/RRV		210814	
			TIRUCHIRAPALLI - 620014		APPD	A.S		220814	
DEPT NC	GRADE OF UNTOL DIM C/M/F		SCALE NTS	WEIGHT (Kg)	REF TO ASSY / OLD DWG		ITEM NO	No OF ITEMS	
CODE 150					GHAVP-1&2/33111/4166/DD/ROO				
TITLE				FORM TOLERANCES FOR PROFILE BAR (SA-32)		DRAWING NO :		REV	
						3-93-170-05311		00	