TUBE TOLERANCES



The tolerances below are for standard tubes, we can also offer parts outside of these limitations, please ask for details.

	TABLE 1					
ID TOLERANCES ON ALL TUBES						
PERMISSABLE DEVIATION FROM NOMINAL INTERNAL DIAMETER OR ROUND ROLLED TUBES						
MANDREL RANGE IN mm			MAXIMUM DEVIATION, + / - IN mm			
6.4	то	30	0.15			
30	TO	50	0.20			
50	TO	75	0.30			
75	TO	100	0.40			
100	TO	150	0.50			
150	TO	200	0.70			
200	ТО	300	1.00			
300	ТО	500	1.50			

TABLE 2					
WALL THICKNESS TOLERANCES ON					
ALL TUBES					
PERMISSABLE DEVIATION FROM NOMINAL WALL THICKNESS ON ALL TUBES					
NOMINAL WALL THICKNESS IN mm			MAXIMUM DEVIATION, + / - IN mm		
1.00	то	1.50	0.15		
1.50	то	3.00	0.20		
3.00	TO	6.00	0.30		
6.00	то	12.00	0.40		
12.00	TO	25.00	0.50		
>25.00			0.70		

OD T	OI E	TABLE 3	ON GROUND
OD I	OLL	TUBES	
PERMISSA	ABLE DE	EVIATION FROM	M NOMINAL EXTERNAL
DIAMETER	OF RO	UND ROLLED 1	TUBES IN THE GROUND
		SECTION	
NOMINAL E	XTERN	MAXIMUM DEVIATION, +	
IN mm			/ - IN mm
6.4	TO	10	0.15
10	ТО	25	0.20
25	TO	50	0.25
50	TO	75	0.30
75	TO	100	0.35
ANYTHING (GREATE	R THAN 100mr	n NEEDS TO BE TURNED

	TABLE 4									
	OD TOLERANCES ON UNGROUND TUBES									
PERMISSABI	PERMISSABLE DEVIATION FROM NOMINAL EXTERNAL DIAMETER OF ROUND ROLLED TUBES IN THE UNGROUND SECTION							UBES		
NOMINAL EXTERNAL IN mm		MAXIMUM DEVIATION, + / - IN mm								
			T1	UD	T32 T48		T38 T42		EPR CLR EPR BLK	T10s T12s
6.4	TO	10	0.2	0.3		0.4			0.5	
10	TO	30	0.3	0.5						
30	TO	50	0.3	0.5						
50	TO	75	0.4	0.4 0.7						
75	TO	100	0.5	1						
100	TO	150	0.6	1.5						
150	TO	200	0.7	1.7						
200	TO	300	0.9	2						
300	TO	500	1.2	2.2				·		
	>500						2.5	5		

	THE						
	IUDES	TUBES					
E DE	PERMISSABLE DEVIATION FROM NOMINAL EXTERNAL						
DIAMETER OF ROUND ROLLED TUBES IN THE GROUND							
SECTION							
ERNA	MAXIMUM DEVIATION, H						
l mm	/ - IN mm						
TO 75		0.30					
TO	100	0.35					
то	125	0.40					
то	150	0.45					
TO	200	0.50					
TO	250	0.60					
TO	300	0.75					
	ERNA I mm TO TO TO TO TO	SECTION ERNAL DIAMETER I mm TO 75 TO 100 TO 125 TO 150 TO 200 TO 250					

TABLE 6				
DEPARTURE FROM STAIGHTNESS				
NOMINAL EXTERNAL DIAMETER	MAXIMUM DEVIATION			
ММ				
<8.0 mm	8 x L ²			
>8.0mm	6 x L ²			
WHERE L = THE LENGTH OF THE TUBE				