

				Specification for	Standard Siz	es						
	EN39	9 : 2001 - Loose S	teel Tubes for Tub	<u>'</u>			nstruct	ion site	s to bul	it Platfor	·m)	
Cold-Formed (	Circular Hol	low Section Tubes (	Round Tubes)	-								
1. Standard Siz	e	48.30 MM										
2. Tolerances on		./ 0.5 mm										
Specified Outside					+/-0.5 n	nm						
Diameter												
3. Standard Le	ngth			6 & 6.4	10 Meter or Cli	ent Requ	irment					
A Laurate /T-1-		-0/+50 MM or Mutual Agreement between Manufacturer and Purchaser										
4 Length (Tolerance)		-0/ 130 WINT OF MILLUAI Agreement Detween Manuacturer and Purchaser										
5. Standard Wall		3.20 MM (Type 3 Tube) & 4.00 MM ( Type 4 Tube)										
Thickness  6. Tolerance on Wall												
6. Tolerance on Wall Thickness		-10%										
HILKHESS												
7. Inside Diam	eter of	The Incide Diamete	or of tubos shall allow	incortion of a source	of Diameter 2	70	far mainim	ma lana	th of 200			
Tube		The Inside Diameter of tubes shall allow insertion of a gauge of Diameter 33.70 mm for minimum length of 200 mm										
8. Standard Ma	arking	Hard Stamp · FN20	-3.2-GARG/GTL & EN3	89-4-GARG/GTL or M	arked with blu	e ink as r	ner Stand	ard Regi	irmete/C	lients		
- Standard Wie	1011/16	Junip . LIV33	5.2 G,G, G I L & LING	.s - Gratto, GTE OF IVI		.c as þ	, or otalia	ara nequ				
9. Standard Ma					3 Tube (3.20 M							
(Per Unit Length)		Type 4 Tube (4.00 MM) - 4.37 kg/m										
10. Tolerance	on Mass	The mass deviation	on single tube shall n	ot exceed -7.5 % of	the specified m	nass						
			8.2 2									
S: 10				l and Mechnical I	Properties as	per EN						
Steel G			/lechnical Properti				Chemical Compo					
Steel Name	Steel Number	Yield Strength MPa (Min)	Tensile Strength MPa (Min)	Elongation % (Min)	C % Max.	Si Max	Mn %	P % Max	S % Max	Al % (Min)	Carbon Equival (CEV) % - (Ma	
S235GT	1.0106	235	340-520	24	0.200	0.040	1.400	0.040	0.045	0.020		
								l	ı			
11. Out-of-Rou	ndness		ctions having diamete	r to thickness ratio r	not exceeding 1	L00, othe	rwise sha	ll be agr	ee betwe	en APM		
CHS		and the purchaser										
40.61.11		The Deviation from	Straightness of any to	ube length (L) shall n	ot exceed 0.00	)2L.						
12. Straightnes	is 	Deviation from sta	rightness over any one	e meter length shall	not exceede 3	mm						
13. Ends	Plain end (I	DE)										
	riaiii eiiu (i	r L J										
14. Flattening	Гest											
			ened with the weld pla	aced alternately at 0	deg. or 90 deg	Ţ.						
to the direction			:6+1+1									
			ia of the tubes result r  O % of original tube OI									
metal other tha			5 70 Of Original tabe Of	5 result no cracks ap	pearance in th							
15. Leack Tight a Online NDT		antl an										
			ing time Minimum 5 S	econd								
,	0		<b>6</b>									
16 . Bend Test		6	(-) (									
Bend Test is ap	plicable for 17.2	21.3	(D) from 17.20 to 60.3 26.9 33.7	30 mm through corre	48.3	us 60.3		1	I			
Bending Radius	50	65	85 100	150	170	220						
17. Surface Pro		Subsecutive Contract	-1									
		Subsequent Coating	g) L0240 - Coating Qualit	v - B2								
												_
18.Packing												
Hexagonal Typ	e or Custom	ner Requirments										
19. Mill Test Co	ertificate											—
		fying that the tubes	supplied comply with	this standard-EN39	: 2001 & Inspec	ction						
<u>We can issue a</u>	IVITE, CCI III	7										
		04 : 2004 ,Type 3.1										