

### CALORIZED OXYGEN LANCING PIPES

Nominal Diameter		Outside Diameter (mm)	Tolerance on Outside Diameter (JIS G 3452)		Wall Thickness (mm)	Tolerance on Wall Thickness (JIS G 3452)	Unit Mass excluding socket (kg/m)	
A	B		Pipes to be cut in taper thread	Other Pipes				
6	1/8	9.5	± 0.5mm	± 0.5mm	1.6	Not specified -12.50%	0.312	
		10.5			2.0		0.419	
8	1/4	12.9			1.6		0.446	
		13.8			2.3		0.652	
10	3/8	16.8			2.0		0.730	
		17.3			2.3		0.851	
15	1/2	21.4			2.3		1.08	
		21.4			2.8		1.28	
20	3/4	26.5			2.3		1.37	
		26.5			2.8		1.64	
		27.2			3.9		2.24	
25	1	33.3			2.3		1.76	
		33.3			2.5		1.90	
		33.3			2.8		2.11	
		33.3			3.5		2.57	
32	1-1/4	42.0			2.3		2.25	
		42.0			2.5		2.44	
		42.0			2.8		2.71	
40	1-1/2	48.2			2.5		2.82	
		48.2			2.8		3.13	
		48.2			3.5		3.86	
50	2.0	60.5			± 1%		2.5	3.58
		60.5					2.8	3.98
		60.5					3.5	4.92
65	2-1/2	76.3	± 0.7mm	2.5		4.55		
		76.3		2.8		5.08		
		76.3		3.5		6.28		

### CHEMICAL COMPOSITION

Grade Symbol	C	Si	Mn	P	S
SPHT1	0.10 max	0.35 max	0.50 max	0.040 max	0.040 max
SPHT2	0.18 max	0.35 max	0.60 max	0.040 max	0.040 max
SPHT3	0.25 max	0.35 max	0.30 to 0.90	0.040 max	0.040 max
SPHT4	0.30 max	0.35 max	0.30 to 1.00	0.040 max	0.040 max