

QUALITY TEST CERTIFICATION

Customer		Total Ingenieros S. A. C.	Alloy No.	C12200	Order No.	22HLHK05W401	Specification	ASTM B88		Temper	H58	Quantity	
Dimensions		Φ1/2"×0.89×6000			Lot No.	HLTo20220725-2	Marking	C12200/ H58/Φ1/2*×0.89×6000mm HLTo20220725-2					
Test No.		Tensile Test											
		Tensile Strength Mpa				Cleanness mg/M ²	Hardness HR30T	Ellipticity					
Requirement		≥250				≤38	≥30	≤0.10					
Sample 1		417				36, 50	61.00	0.04					
Sample 2		419				36. 50	61.00	0.05					
Test No.		Chemical Composition (%)						Dimensions					Straight
		Cu	P					O. D (mm)		W. T (mm)		L (mm)	ness
Requir ement	Max.		0. 040					Avg.±0.0012"		0.98		0~+10	≤4mm/m
	Min.	≥99.90%	0.015							0.80			
Sample 1		≥99.90%	0.0289					0.4996*	0.5004*	0.83	0.95	6005	≪3nn/n
Sample 2		≥99.90%	0.0289					0.4992"	0.5004*	0.82	0.96	6006	≤3nn/n

We hereby certify that the material described in this report has been tested and complies with the requirements of the Order & Standard