

# Material: ASTM B 626 N10665

## Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Tube

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** ASTM B 626 N10665 Nickel and Nickel-Cobalt Alloy Tube

**Application:** Intended for Valve, Pump, General Engineering, Automotive and other Industries

**Grade Belongs to the Industry:** Tube

Chemical Composition		
Carbon	C %	0.020 max.
Silicon	Si %	0.100 max.
Manganese	Mn %	1.000 max.
Cobalt	Co %	1.000 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	1.000 max.
Phosphorus	P %	0.040 max.
Molybdenum	Mo %	26.000 - 30.000
Iron	Fe %	2.000 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardening

Mechanical Properties	
Tensile Strength in Mpa	760 min.
Yield Strength in Mpa	350 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 333 N10665	ASTM	USA	Plate, Sheet and Strip
B 335 N10665	ASTM	USA	Rod
B 564 N10665	ASTM	USA	Forging
B 462 N10665	ASTM	USA	Pipe and Valve
B 619 N10665	ASTM	USA	Pipe
B 622 N10665	ASTM	USA	Pipe and Tube
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