

Ultrasonic Velocity of Materials

Material	in/sec	m/sec
ACRYLIC	120000	3048.00
ALUMINUM 17ST	245600	6238.24
ALUMINUM 2024	252200	6405.88
ALUMINUM 250	250000	6350.00
BRASS	150800	3830.32
BRASS (NAVAL)	174000	4419.60
BRASS (YELLOW)	165800	4211.32
BRONZE, PHOSPHOR	137800	3500.12
COPPER	183900	4671.06
CU/NI 80/20	194000	4927.60
DUPLEX 2205	220472	5599.99
HASTALOY	244000	6197.60
INCOLOY 899	290400	7376.16
INCONEL	224400	5699.76
IRON	232300	5900.42
IRON (GREY CAST)	181100	4599.94
MOLYBDENUM	247600	6289.04
MONEL	212600	5400.04
NICKEL	221700	5631.18

Material	in/sec	m/sec
NICKEL SILVER	187400	4759.96
SILVER	141700	3599.18
SILVER NICKEL (18%)	180000	4572.00
STAINLESS 302	222000	5638.80
STAINLESS 303	224800	5709.92
STAINLESS 304	228400	5801.36
STAINLESS 316	226000	5740.40
STAINLESS 410	236600	6009.64
STEEL 4340	230300	5849.62
STEEL A-235	232800	5913.12
STEEL CARBON	233500	5930.90
TANELUM	77650	1972.31
TANTALUM	131900	3350.26
TIN	130700	3319.78
TITANIUM	242800	6167.12
TITANIUM TI-150A	240100	6098.54
TUNGSTEN	200000	5080.00
ZINC	164200	4170.68
ZIRCALOY	185800	4719.32