

101.11 - Specialty Steels (disk form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Description >>	1157 Tool Steel (AISI M2)	1158 High- Nickel Steel (Nominal Mass Fraction 36 % Ni) (disk form)	1772 Tool Steel (S-7)
Unit of Issue >>	disk	disk	disk
Elemental Composition (mass fraction in %)			
Carbon	0.836	0.02540	0.447
Chromium	4.36	<i>0.0625</i>	3.10
Cobalt	0.028	<i>0.0080</i>	
Copper	0.088	<i>0.0396</i>	0.083
Manganese	0.34	0.4684	0.61
Molybdenum	4.86	<i>0.0110</i>	1.38
Nickel	0.228	36.054	0.105
Phosphorus	0.011	<i>0.00350</i>	0.008
Silicon	0.18	0.1936	0.264
Sulfur	0.004	<i>0.0050</i>	0.0031
Tungsten	6.28		
Vanadium	1.82	(0.001)	0.236

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only