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.

		1157	1158	1772
Description	**>>**	**Tool Steel (AISI M2)**	**High-Nickel Steel (Nominal Mass Fraction 36 % Ni) (disk form)**	**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	*0.0625*	3.10
Cobalt	0.028	*0.0080*	
Copper	0.088	*0.0396*	0.083
Manganese	0.34	0.4684	0.61
Molybdenum	4.86	*0.0110*	1.38
Nickel	0.228	36.054	0.105
Phosphorus	0.011	*0.00350*	0.008
Silicon	0.18	0.1936	0.264
Sulfur	0.004	*0.0050*	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