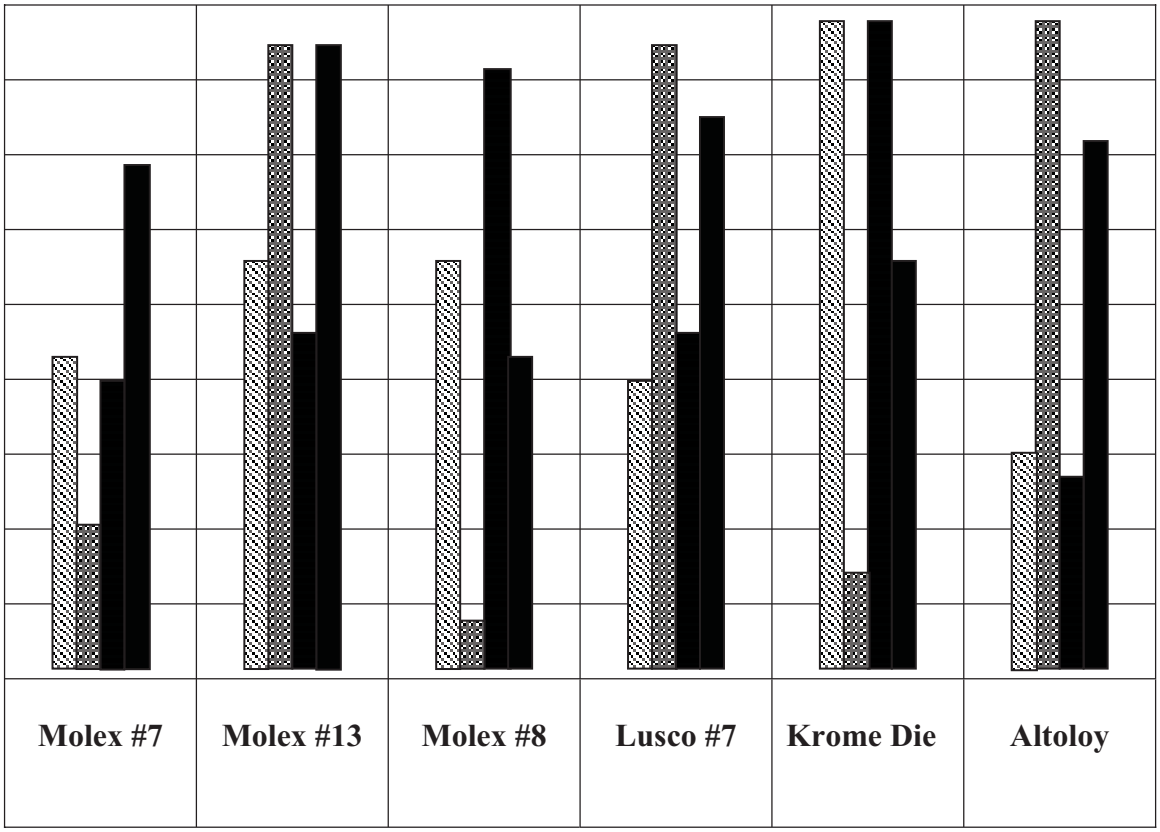
Tool Steel Comparison Chart

Associated Steel Corporation provides various tool steels for dies, gages, tools, instruments, cutting knives and wear surfaces. Please use the following chart as a guide when considering the right tool and die steel for your specific application(s).



Identifying Key

The following are the four major characteristics that are considered when deciding which grade of tool steel is to be used. Actual results in the field may vary.

Non-Deforming **Shock Resistance** **Wear Resistance** **Toughness**

TRADE NAMES

Molex® #7	(Oil Hardening Tool Steel) - Consider as replacement for 0-1.
Molex® #13	(Hot Work Tool Steel) - Consider as replacement for H-13.
Molex® #8	(Air Hardening, Wear Resistant Tool Steel) - Consider as replacement for A-2.
Lusco™ #7	(Non-Deforming, Shock Resistant Tool Steel) - Consider as replacement for S-7.
Krome Die™	(High Wear, Air Hardening Tool Steel)- Consider as replacement for D-2.
Altoloy™	(Shock Resistant Tool Steel) - Consider as replacement for S-5.

Note: For detailed information regarding any of the above steels please refer to their corresponding page in this reference data book.