CRAFTSMAN'S CRIBSHEET

Miles Free – Director of Technology and Industry Research X Technical Regulatory Quality

Heat Treat Colors for Steel

Degrees Farenheit	HEAT COLORS	Degrees Centigrade
2500		1371
2400		1316
2300		1260
2200		1204
2100		1149
2000		1093
1900		1038
1800		982
1700		927
1600		871
1500		816
1400		760
1300		704
1200		649
1100		593
1000		538

The above chart shows the heat treat colors for steel by temperature.

These days, pyrometers are affordable, but it is the mark of a craftsman to be able to tell temperature by eye, if only to validate the instrumentation or suspect it.

These colors were obtained from a 0.40 wt. percent carbon, alloy steel, as seen through a furnace peep hole during average daylight conditions.

All Craftsman's Cribsheets are available for viewing and download at short.productionmachining.com/cribsheets.