TEMPERATURE GUIDE

Forging and hardening colours

The STEEL should be viewed in a dark or faintly lighted room and must not be exposed to direct light. The CHART should be viewed in normal diffused daylight and not in sunlight or artificial light.

Tempering colours for unalloyed and low alloyed steels

This colour chart applies to a tempering time of about 30 minutes. The colours can best be observed on a polished steel surface.

°C			°C
1200	White	Grey Greyish blue	330 320
1100	Light yellow	Light blue	310
1050	Yellow	Cornflower blue	300
980	Light orange	Dark blue	290
930	Orange	Violet	280
870	Light red	Purple red	270
810	Light cherry	Reddish brown	260
760	Cherry	Yellowish brown	250
700	Dark cherry	Deep straw	240
650	Blood	Yellow	230
500	red	Straw	220
600	Brown red	Yellowish white	210