

# Orton Pyrometric Cone Chart for cones 022-14

	Self Supporting Cones						Large Cones				Small
	Regular			Iron Free			Regular		Iron Free		Regular
	<i>Heating Rate °F/hour (last 180 °F of firing)</i>										
<b>Cone</b>	<b>27</b>	<b>108</b>	<b>270</b>	<b>27</b>	<b>108</b>	<b>270</b>	<b>108</b>	<b>270</b>	<b>108</b>	<b>270</b>	<b>540</b>
<b>022</b>		1087	1094				N/A	N/A			1166
<b>021</b>		1112	1143				N/A	N/A			1189
<b>020</b>		1159	1180				N/A	N/A			1231
<b>019</b>	1213	1252	1283				1249	1279			1333
<b>018</b>	1267	1319	1353				1314	1350			1386
<b>017</b>	1301	1360	1405				1357	1402			1443
<b>016</b>	1368	1422	1465				1416	1461			1517
<b>015</b>	1382	1456	1504				1450	1501			1549
<b>014</b>	1395	1485	1540				1485	1537			1598
<b>013</b>	1485	1539	1582				1539	1578			1616
<b>012</b>	1549	1582	1620				1576	1616			1652
<b>011</b>	1575	1607	1641				1603	1638			1679
<b>010</b>	1636	1657	1679	1600	1627	1639	1648	1675	1623	1636	1686
<b>09</b>	1665	1688	1706	1650	1686	1702	1683	1702	1683	1699	1751
<b>08</b>	1692	1728	1753	1695	1735	1755	1728	1749	1733	1751	1801
<b>07</b>	1764	1789	1809	1747	1780	1800	1783	1805	1778	1796	1846
<b>06</b>	1798	1828	1855	1776	1816	1828	1823	1852	1816	1825	1873
<b>05½</b>	1839	1859	1877	1814	1854	1870	1854	1873	1852	1868	1909
<b>05</b>	1870	1888	1911	1855	1899	1915	1886	1915	1890	1911	1944
<b>04</b>	1915	1945	1971	1909	1942	1956	1940	1958	1940	1953	2008
<b>03</b>	1960	1987	2019	1951	1990	1999	1987	2014	1989	1996	2068
<b>02</b>	1972	2016	2052	1983	2021	2039	2014	2048	2016	2035	2098
<b>01</b>	1999	2046	2080	2014	2053	2073	2043	2079	2052	2070	2152
<b>1</b>	2028	2079	2109	2046	2082	2098	2077	2109	2079	2095	2163
<b>2</b>	2034	2088	2127				2088	2124			2174
<b>3</b>	2039	2106	2138	2066	2109	2124	2106	2134	2104	2120	2185
<b>4</b>	2086	2124	2161				2120	2158			2208
<b>5</b>	2118	2167	2205				2163	2201			2230
<b>5½</b>	2133	2197	2237				N/A	N/A			N/A
<b>6</b>	2165	2232	2269				2228	2266			2291
<b>7</b>	2194	2262	2295				2259	2291			2307
<b>8</b>	2212	2280	2320				2277	2316			2372
<b>9</b>	2235	2300	2336				2295	2332			2403
<b>10</b>	2284	2345	2381				2340	2377			2426
<b>11</b>	2322	2361	2399				2359	2394			2437
<b>12</b>	2345	2383	2419				2379	2415			2471
<b>13*</b>	2389	2428	2458				2410*	2455*			N/A
<b>14*</b>	2464	2489	2523				2530*	2491*			N/A