

Bullers Rings - Ring Number to Temperature Comparison Chart

	Very Low Temp Ring No 89	Low Temp Ring No 55		Standard Ring No 27	Extended Temp Ring No 75	High Temp Ring No 73
Approximate Temp °C	Gauge Reading	Gauge Reading	Approximate Temp °C	Gauge Reading	Gauge Reading	Gauge Reading
750	2.5		960	0	0	
760	3		970	1	1	
770	3.5		980	2.5	2	
780	4.5		990	4	3	
790	5.5		1000	5.5	4	
800	7.25		1010	7	5	
810	10.25		1020	8.5	6	
820	12.75		1030	10	7	
830	15.75		1040	11.5	8.8	
840	18.5		1050	13	10	
850	21.5		1060	14	11	
860	24.25		1070	15.5	12.5	
870	27.25		1080	17	14	
880	30.25		1090	18.5	15.5	
890	33.25		1100	20	17	
900	36.25		1110	21.5	18.5	
910	39.75		1120	23	20	
920	43.5		1130	24.5	21	
930	47.75		1140	26	22	
940	51.75		1150	27	23	
950	55.5		1160	28.5	24.5	
960	57.5	3	1170	30	26	
970	59.25	7	1180	31.5	27	
980	60	11	1190	33	28	
990	60.5	15	1200	34.5	29	
1000	61	18	1210	36	30	
1010		21	1220	37.5	31	
1020		24	1230	38.5	32	
1030		27	1240	40	33	
1040		30	1250	41.5	34.5	
1050		32	1260		36.5	
1060		34	1270		38.5	
1070		36	1280		40	29.5
1080		37	1290		42	30.25
1090		38	1300		44	31
1100		39	1320		46	34
			1340			37
			1360			40.5
			1380			44
			1400			48
			1420			51

the most reliable means of measuring “heat work” within standard temperature kilns

Bullers High Temperature Discs - Disc Number to Temperature Comparison Chart

Approximate Temperature °C	HT Discs		VHT Discs	
	Gauge Reading	Disc Diameter mm	Gauge Reading	Disc Diameter mm
1350	8.0	19.60		
1360	10.0	19.50		
1370	13.0	19.35		
1380	16.4	19.18		
1390	20.2	18.99		
1400	24.2	18.79		
1410	28.0	18.60		
1420	31.2	18.44		
1430	34.4	18.28		
1440	37.6	18.12		
1450	40.4	17.98		
1460	43.2	17.84		
1470	46.0	17.70		
1480	48.4	17.58		
1490	50.8	17.46		
1500	52.8	17.36	16.6	19.17
1510	54.8	17.26	17.3	19.14
1520	56.8	17.16	17.9	19.11
1530	58.6	17.07	18.6	19.07
1540	60.0	17.00	19.3	19.04
1550	61.4	16.93	20.0	19.00
1560			20.8	18.96
1570			21.6	18.92
1580			22.5	18.88
1590			23.4	18.83
1600			24.4	18.78
1610			25.5	18.73
1620			26.8	18.66
1630			28.2	18.59
1640			29.8	18.51
1650			31.9	18.41
1660			33.5	18.33
1670			35.3	18.24
1680			37.2	18.14
1690			38.9	18.06
1700			40.7	17.97
1710			42.3	17.89
1720			44.2	17.79
1730			45.7	17.72
1740			47.3	17.64
1750			49.0	17.55
1760			50.5	17.48
1770			52.1	17.40

the most
reliable means
of measuring
“heat work”
in high
temperature
kilns