

Approximate Temperature Table for Bullers Rings Type 73/84 – High Temperature (HT)

Temperature °C	Bullers Ring Number	Ring Size mm
1280	29.5	59.581
1281	29.575	59.570
1282	29.65	59.560
1283	29.725	59.550
1284	29.8	59.540
1285	29.875	59.529
1286	29.95	59.519
1287	30.025	59.509
1288	30.1	59.498
1289	30.175	59.487
1290	30.25	59.477
1291	30.325	59.466
1292	30.4	59.455
1293	30.475	59.445
1294	30.55	59.434
1295	30.625	59.423
1296	30.7	59.413
1297	30.775	59.402
1298	30.85	59.391
1299	30.925	59.381
1300	31	59.370
1301	31.15	59.349
1302	31.3	59.327
1303	31.45	59.306
1304	31.6	59.285
1305	31.75	59.263
1306	31.9	59.242
1307	32.05	59.221
1308	32.2	59.199
1309	32.35	59.178
1310	32.5	59.157
1311	32.65	59.135
1312	32.8	59.114
1313	32.95	59.093
1314	33.1	59.071
1315	33.25	59.050
1316	33.4	59.029
1317	33.55	59.007
1318	33.7	58.986
1319	33.85	58.965
1320	34	58.943
1321	34.15	58.922
1322	34.3	58.901
1323	34.45	58.879
1324	34.6	58.858
1325	34.75	58.837
1326	34.9	58.815
1327	35.05	58.794

Temperature °C	Bullers Ring Number	Ring Size mm
1328	35.2	58.773
1329	35.35	58.751
1330	35.5	58.730
1331	35.65	58.709
1332	35.8	58.687
1333	35.95	58.666
1334	36.1	58.645
1335	36.25	58.623
1336	36.4	58.602
1337	36.55	58.581
1338	36.7	58.559
1339	36.85	58.538
1340	37	58.517
1341	37.175	58.492
1342	37.35	58.467
1343	37.525	58.442
1344	37.7	58.417
1345	37.875	58.392
1346	38.05	58.367
1347	38.225	58.342
1348	38.4	58.317
1349	38.575	58.292
1350	38.75	58.268
1351	38.925	58.243
1352	39.1	58.218
1353	39.275	58.193
1354	39.45	58.168
1355	39.625	58.143
1356	39.8	58.118
1357	39.975	58.093
1358	40.15	58.068
1359	40.325	58.042
1360	40.5	58.016
1361	40.65	57.994
1362	40.8	57.972
1363	40.95	57.950
1364	41.1	57.928
1365	41.25	57.906
1366	41.4	57.884
1367	41.55	57.861
1368	41.7	57.839
1369	41.85	57.817
1370	42	57.795
1371	42.15	57.773
1372	42.3	57.751
1373	42.45	57.729
1374	42.6	57.707
1375	42.75	57.685

Temperature °C	Bullers Ring Number	Ring Size mm
1376	42.9	57.663
1377	43.05	57.640
1378	43.2	57.618
1379	43.35	57.596
1380	43.5	57.574
1381	43.7	57.545
1382	43.9	57.515
1383	44.1	57.486
1384	44.3	57.456
1385	44.5	57.427
1386	44.7	57.397
1387	44.9	57.368
1388	45.1	57.338
1389	45.3	57.309
1390	45.5	57.280
1391	45.7	57.250
1392	45.9	57.221
1393	46.1	57.191
1394	46.3	57.162
1395	46.5	57.132
1396	46.7	57.103
1397	46.9	57.073
1398	47.1	57.044
1399	47.3	57.014
1400	47.5	56.985
1401	47.675	56.959
1402	47.85	56.933
1403	48.025	56.908
1404	48.2	56.882
1405	48.375	56.856
1406	48.55	56.830
1407	48.725	56.804
1408	48.9	56.779
1409	49.075	56.753
1410	49.25	56.727
1411	49.425	56.701
1412	49.6	56.676
1413	49.775	56.650
1414	49.95	56.624
1415	50.125	56.598
1416	50.3	56.572
1417	50.475	56.545
1418	50.65	56.519
1419	50.825	56.493
1420	51	56.467

Note

4. When using Bullers Rings, the Gauge Number or Bullers Ring Value (BRV) should always be quoted rather than the implied temperature in the above table.
5. The above table is provided as a very approximate guide as to how the rings perform.
6. The actual performance of Bullers Rings may be different from the above table when used by customers. The differences arise due to:
  - Firing rate and time at maximum temperature
  - Setting density of products
  - Kiln atmosphere
  - Air and heat flow relative positions of Bullers Ring and temperature measuring device

For these reasons, customers are advised to calibrate new batches against existing rings under their own firing conditions. The actual performance of Bullers Rings when in use by customers may be different from the above table due to their kilns firing rate and atmosphere.