



Approximate Temperature Table for Bullers Rings Type 89/05 – Very Low Temperature (VLT)

Temperature °C	Bullers Ring Number	Ring Size mm
750	2.5	63.183
751	2.55	63.176
752	2.6	63.170
753	2.65	63.163
754	2.7	63.157
755	2.75	63.151
756	2.8	63.144
757	2.85	63.138
758	2.9	63.132
759	2.95	63.125
760	3	63.119
761	3.05	63.113
762	3.1	63.106
763	3.15	63.100
764	3.2	63.094
765	3.25	63.087
766	3.3	63.081
767	3.35	63.075
768	3.4	63.068
769	3.45	63.062
770	3.5	63.056
771	3.6	63.043
772	3.7	63.030
773	3.8	63.017
774	3.9	63.005
775	4	62.992
776	4.1	62.979
777	4.2	62.967
778	4.3	62.954
779	4.4	62.941
780	4.5	62.929
781	4.6	62.916
782	4.7	62.903
783	4.8	62.890
784	4.9	62.878
785	5	62.865
786	5.1	62.852
787	5.2	62.840
788	5.3	62.827
789	5.4	62.814
790	5.5	62.802
791	5.675	62.779
792	5.85	62.757
793	6.025	62.735
794	6.2	62.713
795	6.375	62.690
796	6.55	62.668
797	6.725	62.646
798	6.9	62.624
799	7.075	62.601
800	7.25	62.579
801	7.55	62.541
802	7.85	62.503
803	8.15	62.465
804	8.45	62.427

Temperature °C	Bullers Ring Number	Ring Size mm
805	8.75	62.389
806	9.05	62.351
807	9.35	62.313
808	9.65	62.274
809	9.95	62.236
810	10.25	62.196
811	10.5	62.163
812	10.75	62.129
813	11	62.095
814	11.25	62.062
815	11.5	62.028
816	11.75	61.994
817	12	61.961
818	12.25	61.927
819	12.5	61.893
820	12.75	61.860
821	13.05	61.819
822	13.35	61.779
823	13.65	61.739
824	13.95	61.698
825	14.25	61.658
826	14.55	61.617
827	14.85	61.577
828	15.15	61.537
829	15.45	61.496
830	15.75	61.456
831	16.025	61.419
832	16.3	61.382
833	16.575	61.345
834	16.85	61.308
835	17.125	61.271
836	17.4	61.234
837	17.675	61.197
838	17.95	61.160
839	18.225	61.123
840	18.5	61.086
841	18.8	61.045
842	19.1	61.005
843	19.4	60.965
844	19.7	60.924
845	20	60.884
846	20.3	60.843
847	20.6	60.802
848	20.9	60.760
849	21.2	60.719
850	21.5	60.678
851	21.775	60.640
852	22.05	60.603
853	22.325	60.565
854	22.6	60.527
855	22.875	60.489
856	23.15	60.452
857	23.425	60.414
858	23.7	60.376
859	23.975	60.339

Temperature °C	Bullers Ring Number	Ring Size mm
860	24.25	60.301
861	24.55	60.260
862	24.85	60.219
863	25.15	60.177
864	25.45	60.136
865	25.75	60.095
866	26.05	60.054
867	26.35	60.013
868	26.65	59.972
869	26.95	59.931
870	27.25	59.889
871	27.55	59.848
872	27.85	59.807
873	28.15	59.766
874	28.45	59.725
875	28.75	59.684
876	29.05	59.643
877	29.35	59.601
878	29.65	59.560
879	29.95	59.519
880	30.25	59.477
881	30.55	59.434
882	30.85	59.391
883	31.15	59.349
884	31.45	59.306
885	31.75	59.263
886	32.05	59.221
887	32.35	59.178
888	32.65	59.135
889	32.95	59.093
890	33.25	59.050
891	33.55	59.007
892	33.85	58.965
893	34.15	58.922
894	34.45	58.879
895	34.75	58.837
896	35.05	58.794
897	35.35	58.751
898	35.65	58.709
899	35.95	58.666
900	36.25	58.623
901	36.6	58.573
902	36.95	58.524
903	37.3	58.474
904	37.65	58.424
905	38	58.374
906	38.35	58.324
907	38.7	58.275
908	39.05	58.225
909	39.4	58.175
910	39.75	58.125
911	40.125	58.071
912	40.5	58.016
913	40.875	57.961
914	41.25	57.906



Approximate Temperature Table for Bullers Rings Type 89/05 – Very Low Temperature (VLT)

Temperature °C	Bullers Ring Number	Ring Size mm	Temperature °C	Bullers Ring Number	Ring Size mm
915	41.625	57.850	964	58.2	55.388
916	42	57.795	965	58.375	55.362
917	42.375	57.740	966	58.55	55.335
918	42.75	57.685	967	58.725	55.309
919	43.125	57.629	968	58.9	55.283
920	43.5	57.574	969	59.075	55.257
921	43.925	57.512	970	59.25	55.230
922	44.35	57.449	971	59.325	55.219
923	44.775	57.386	972	59.4	55.208
924	45.2	57.324	973	59.475	55.197
925	45.625	57.261	974	59.55	55.185
926	46.05	57.199	975	59.625	55.174
927	46.475	57.136	976	59.7	55.163
928	46.9	57.073	977	59.775	55.152
929	47.325	57.011	978	59.85	55.140
930	47.75	56.948	979	59.925	55.129
931	48.15	56.889	980	60	55.118
932	48.55	56.830	981	60.05	55.111
933	48.95	56.771	982	60.1	55.103
934	49.35	56.712	983	60.15	55.096
935	49.75	56.653	984	60.2	55.088
936	50.15	56.594	985	60.25	55.081
937	50.55	56.534	986	60.3	55.073
938	50.95	56.474	987	60.35	55.066
939	51.35	56.414	988	60.4	55.058
940	51.75	56.354	989	60.45	55.051
941	52.125	56.298	990	60.5	55.043
942	52.5	56.242	991	60.55	55.036
943	52.875	56.186	992	60.6	55.028
944	53.25	56.130	993	60.65	55.021
945	53.625	56.073	994	60.7	55.013
946	54	56.017	995	60.75	55.006
947	54.375	55.961	996	60.8	54.998
948	54.75	55.905	997	60.85	54.991
949	55.125	55.849	998	60.9	54.983
950	55.5	55.792	999	60.95	54.976
951	55.7	55.762	1000	61	54.968
952	55.9	55.732			
953	56.1	55.702			
954	56.3	55.672			
955	56.5	55.643			
956	56.7	55.613			
957	56.9	55.583			
958	57.1	55.553			
959	57.3	55.523			
960	57.5	55.493			
961	57.675	55.466			
962	57.85	55.440			
963	58.025	55.414			

Note

- 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.
- The above table is provided as a very approximate guide as to how the rings perform.
- 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 at the 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.