


**TEMPERATURE-TABLE for PTCR**
**Higher quality products and lower costs through improved, reliable firing control**

Type PTCR - UTH					Ring Colour : Yellow	
Ferro no. : 1400824					Dimensions : ± 20 x 10 x 7,0 mm	
Temperature Range °C : 660 - 900°C						

Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature
mm	°C	mm	°C	mm	°C	mm	°C	mm	°C	mm	°C
		20,01	660	19,51	753	19,01	822	18,51	896		
		20,00	662	19,50	754	19,00	824	18,50	897		
		19,99	665	19,49	756	18,99	825	18,49	898		
		19,98	667	19,48	757	18,98	826	18,48	899		
		19,97	669	19,47	759	18,97	828	18,47	900		
		19,96	672	19,46	760	18,96	829				
		19,95	674	19,45	762	18,95	831				
		19,94	676	19,44	763	18,94	832				
		19,93	678	19,43	764	18,93	834				
		19,92	681	19,42	766	18,92	835				
		19,91	683	19,41	767	18,91	837				
		19,90	685	19,40	769	18,90	838				
		19,89	687	19,39	770	18,89	840				
		19,88	689	19,38	771	18,88	841				
		19,87	691	19,37	773	18,87	843				
		19,86	693	19,36	774	18,86	844				
		19,85	695	19,35	775	18,85	846				
		19,84	697	19,34	777	18,84	847				
		19,83	699	19,33	778	18,83	849				
		19,82	701	19,32	780	18,82	850				
		19,81	703	19,31	781	18,81	852				
		19,80	705	19,30	782	18,80	853				
		19,79	707	19,29	784	18,79	855				
		19,78	709	19,28	785	18,78	856				
		19,77	711	19,27	786	18,77	858				
		19,76	712	19,26	788	18,76	859				
		19,75	714	19,25	789	18,75	861				
		19,74	716	19,24	790	18,74	862				
		19,73	718	19,23	792	18,73	864				
		19,72	719	19,22	793	18,72	865				
		19,71	721	19,21	794	18,71	867				
		19,70	723	19,20	796	18,70	869				
		19,69	725	19,19	797	18,69	870				
		19,68	726	19,18	799	18,68	872				
		19,67	728	19,17	800	18,67	873				
		19,66	730	19,16	801	18,66	875				
		19,65	731	19,15	803	18,65	876				
		19,64	733	19,14	804	18,64	878				
		19,63	735	19,13	805	18,63	879				
		19,62	736	19,12	807	18,62	880				
		19,61	738	19,11	808	18,61	882				
		19,60	739	19,10	809	18,60	883				
		19,59	741	19,09	811	18,59	885				
		19,58	742	19,08	812	18,58	886				
		19,57	744	19,07	814	18,57	888				
		19,56	745	19,06	815	18,56	889				
		19,55	747	19,05	816	18,55	890				
		19,54	748	19,04	818	18,54	892				
		19,53	750	19,03	819	18,53	893				
		19,52	751	19,02	821	18,52	894				

Powder Batch # : 022	Batch approved
Date : 20/12/2022	Quality Inspection : 

**For inquiries :**

Customer Service Desk

Phone : +49 69 27116 432


Fax : +49 69 27116 243



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<b>Type PTCR - UTH</b>					<b>Ring Colour</b> : Yellow	
Ferro no. : 1400824					Dimensions : ± 20 x 10 x 7,0 mm	
Temperature Range °F : 1220 - 1652°F						

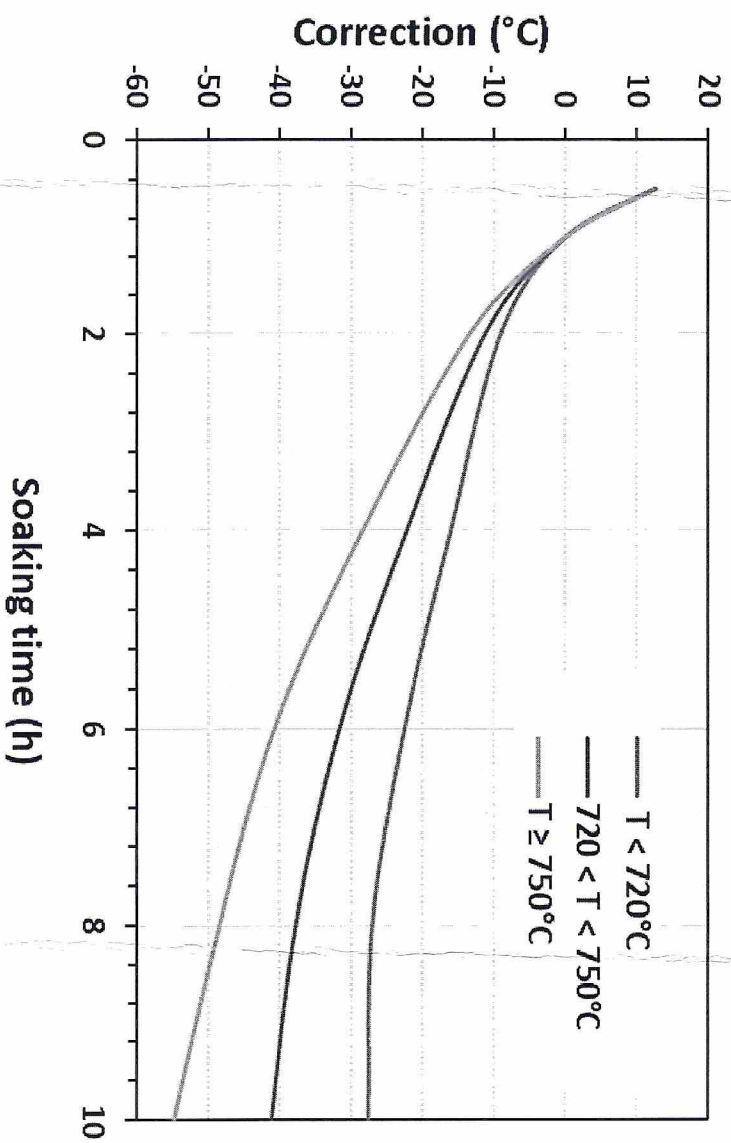
Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature
mm	°F	mm	°F	mm	°F	mm	°F	mm	°F	mm	°F
		20,01	1220	19,51	1387	19,01	1512	18,51	1644		
		20,00	1224	19,50	1390	19,00	1514	18,50	1646		
		19,99	1228	19,49	1392	18,99	1517	18,49	1649		
		19,98	1233	19,48	1395	18,98	1520	18,48	1651		
		19,97	1237	19,47	1398	18,97	1522	18,47	1653		
		19,96	1241	19,46	1400	18,96	1525				
		19,95	1245	19,45	1403	18,95	1527				
		19,94	1249	19,44	1405	18,94	1530				
		19,93	1253	19,43	1408	18,93	1533				
		19,92	1257	19,42	1410	18,92	1535				
		19,91	1261	19,41	1413	18,91	1538				
		19,90	1265	19,40	1415	18,90	1541				
		19,89	1269	19,39	1418	18,89	1543				
		19,88	1272	19,38	1420	18,88	1546				
		19,87	1276	19,37	1423	18,87	1549				
		19,86	1280	19,36	1425	18,86	1551				
		19,85	1283	19,35	1428	18,85	1554				
		19,84	1287	19,34	1430	18,84	1557				
		19,83	1290	19,33	1433	18,83	1560				
		19,82	1294	19,32	1435	18,82	1562				
		19,81	1297	19,31	1438	18,81	1565				
		19,80	1301	19,30	1440	18,80	1568				
		19,79	1304	19,29	1442	18,79	1571				
		19,78	1308	19,28	1445	18,78	1573				
		19,77	1311	19,27	1447	18,77	1576				
		19,76	1314	19,26	1450	18,76	1579				
		19,75	1318	19,25	1452	18,75	1582				
		19,74	1321	19,24	1455	18,74	1584				
		19,73	1324	19,23	1457	18,73	1587				
		19,72	1327	19,22	1460	18,72	1590				
		19,71	1330	19,21	1462	18,71	1593				
		19,70	1333	19,20	1464	18,70	1595				
		19,69	1336	19,19	1467	18,69	1598				
		19,68	1339	19,18	1469	18,68	1601				
		19,67	1342	19,17	1472	18,67	1603				
		19,66	1345	19,16	1474	18,66	1606				
		19,65	1348	19,15	1477	18,65	1609				
		19,64	1351	19,14	1479	18,64	1612				
		19,63	1354	19,13	1482	18,63	1614				
		19,62	1357	19,12	1484	18,62	1617				
		19,61	1360	19,11	1487	18,61	1619				
		19,60	1363	19,10	1489	18,60	1622				
		19,59	1365	19,09	1492	18,59	1625				
		19,58	1368	19,08	1494	18,58	1627				
		19,57	1371	19,07	1497	18,57	1630				
		19,56	1374	19,06	1499	18,56	1632				
		19,55	1376	19,05	1502	18,55	1635				
		19,54	1379	19,04	1504	18,54	1637				
		19,53	1382	19,03	1507	18,53	1639				
		19,52	1385	19,02	1509	18,52	1642				

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### UTH/UTL Ring temperature correction graph for different soaking times



Soaking time (h)	0.5	1 (Ref.)	2	4	6	8	10
Correction (°C)	13	0	-13	-28	-41	-48	-55
Example	827	840	853	868	881	888	895