Outer Cup Param Table

|  |  |  |
| --- | --- | --- |
| Radiation Unit Type | 8 | Integer 1-99999999 |
| Outer Cup Type | 3 | 0 - imaginary phantom outer cup  1 - small  2 - medium  3 - large |
| D (mm)  The signed distance between the inside bottom of the outer cup and the COUCH REFERENCE POINT, in mm | 138.000 | Positive if the COUCH REFERENCE POINT is above the outer cup inside bottom, and negative otherwise. For imaginary phantom outer cup, D=0 |
| Origin of OCD Position | 0 -138 0 | In Solidworks-Coord. Unit: mm |
| Coordinate Type | 1 | The Coord System used for the following entries  1: OCD-Coord  2: Solidworks-Coord. |
| Path2D script for inside wall  newpath x y  arcto x1 y1 x2 y2  lineto x y  ellipseto x1 y1 x2 y2 x3 y3  closepath | newpath 0.000 0.000  arcto 41.163 14.881  63.296 52.643  lineto 77.134 127.303  lineto 78.337 131.792  closepath | In XY-plane of OCD-Coord  Unit: mm |
| Path2D script for outside wall  newpath x y  arcto x1 y1 x2 y2  lineto x y  ellipseto x1 y1 x2 y2 x3 y3  closepath | newpath 0.000 -2.000  arcto 41.771 12.792  64.924 50.574  lineto 81.381 128.000  lineto 86.000 136.000  lineto 88.000 136.000  lineto 88.000 138.000  closepath | In XY-plane of OCD-Coord  Unit: mm |
| 3D fiducial curve script  newfc  newfcsegment x y z  lineto x y z  arcto x1 y1 z1 x2 y2 z2  spiralto n x1 y1 z1 x2 y2 z2 … xn yn zn  closefcsegment  closefc | newfc  newfcsegment -4.13820423657824E-16 138 84.7879978545817  lineto -3.80568727918781E-09 136.520975143197 84.278728725671  lineto 3.43968623987405E-07 134.89936363241 83.7203658433806  lineto -3.82951553321614E-07 133.436767550744 83.2167479005027  lineto 9.78462923116442E-07 131.739377124557 82.6323002280735  lineto -3.33540112067243E-06 130.160998519747 82.088786916309  lineto 4.29181891764541E-08 128.659417996741 81.5717778846661  lineto 4.54822583324054E-05 127.277870867392 81.0964309171949  lineto -1.40067250563977E-04 125.857687145721 80.6059611478575  lineto 1.4196760328779E-04 124.354328945691 80.0905345767668  lineto 2.21087536193549E-04 122.814439535419 79.5609312416508  lineto -2.37359798599415E-03 121.396714180581 79.0523863386316  lineto 5.73733550510409E-03 120.160676146567 78.6890192591453  lineto 3.22252368161819E-02 118.997117045215 78.4412488872899  lineto 8.94919350559697E-02 117.712111042353 78.2001638116024  lineto 0.159550919405877 116.698532216771 77.9945037665518  lineto 0.276117206039242 115.451560089117 77.7243996637969  lineto 0.45696558465237 113.966581526946 77.397094062168  lineto 0.673640214328264 112.533396192666 77.0879654739245  lineto 0.923929307060667 111.143567070909 76.7920751326348  lineto 1.22903985786243 109.690436653658 76.482577008341  lineto 1.5501763628673 108.353042173518 76.1945419197698  lineto 1.90832198673495 107.024333089583 75.904630294223  lineto 2.30326618161917 105.705288449442 75.6128389102625  lineto 2.76530962507569 104.308832481991 75.2992376366445  lineto 3.25737048392789 102.955894465097 74.9904273833826  lineto 3.74007611636392 101.735326020774 74.7072600800318  lineto 4.23108143869568 100.581801168808 74.4350608030472  lineto 4.86297535780781 99.204139080032 74.1028844006933  lineto 5.60055267804329 97.7205804358358 73.7347427494096  lineto 6.31884589639696 96.3819024056474 73.3914078616298  lineto 7.21546147608251 94.8325600210811 72.9782597263282  lineto 8.11627986807657 93.3917302165462 72.5758441462023  lineto 8.95727987889581 92.1389756729797 72.2087112174498  lineto 9.80855340983889 90.95257741807 71.8434064900688  lineto 10.8064593223548 89.65653714216 71.4210921915598  lineto 11.7735048963618 88.4888779540491 71.0159880302649  lineto 12.7058778151966 87.4310197824945 70.6263574462549  lineto 13.7613831000481 86.29372427604 70.1820590009633  lineto 15.1351654398941 84.8808329099135 69.591796689294  lineto 16.3145135012713 83.7064192651095 69.0682005406997  lineto 17.4560997678951 82.5883132224153 68.542953181801  lineto 18.581676547983 81.492353249928 68.0048679723901  lineto 19.70045226401 80.3982617755548 67.4473475814317  lineto 20.8689845237912 79.2380800009051 66.8372758359098  lineto 22.0361926520685 78.053961083773 66.1967891715293  lineto 23.2051347516489 76.8433726598765 65.5233421346131  lineto 24.2195804508567 75.7738121482141 64.9124442684825  lineto 25.2997018207255 74.6168601854802 64.2345317454761  lineto 26.3478655270974 73.477569353851 63.5492364250126  lineto 27.4222258485469 72.2933407683738 62.8181483918282  lineto 28.3767048885895 71.2260063469256 62.1432859181568  lineto 29.3210681413884 70.1544401015371 61.4510337000858  lineto 30.3508783272416 68.9665318842339 60.6669773725432  lineto 31.3111512139354 67.8387691454081 59.9070163152226  lineto 32.1788270400915 66.8014667035004 59.1950911823912  lineto 33.1595208132995 65.6064835719516 58.3599647199698  lineto 33.9102572297347 64.6744372494739 57.6976273756903  lineto 34.7482386049938 63.6151668709249 56.9333858800252  lineto 35.6324608871744 62.4743077662282 56.0967985638856  lineto 36.5403732994518 61.2762338562143 55.2034387282972  lineto 37.3239616219851 60.2188525995045 54.4026651216297  lineto 38.2142198409127 58.9896266960102 53.4580911518813  lineto 38.920219059543 57.9925615361493 52.6818732155747  lineto 39.6754868230721 56.9029098079906 51.8240524237731  lineto 40.5019524885921 55.6817683726834 50.8518354426061  lineto 41.2607205254298 54.5325621220508 49.9272798912689  lineto 41.9855347592553 53.4061976998421 49.011598430527  lineto 42.6050268772112 52.4166242135524 48.1977904442195  lineto 43.2468593645817 51.3597075794609 47.317322742308  lineto 43.8506305177964 50.3299579019674 46.4467095067082  lineto 44.4092088231839 49.3400951454566 45.5965930336271  lineto 45.0092592551073 48.227905011645 44.6252804778658  lineto 45.4402674515049 47.3908830107275 43.8827879982441  lineto 45.9401821044632 46.3704913944813 42.9640006683592  lineto 46.406226680389 45.3593013662772 42.0384108957822  lineto 46.9019663936098 44.2005896841099 40.9588803537899  lineto 47.2723829811673 43.2603757749504 40.0677822021818  lineto 47.6397910135652 42.2437162984639 39.0895211945468  lineto 47.9747558509817 41.2192594714442 38.089480526168  lineto 48.2484389321669 40.2869658644945 37.1679926879149  lineto 48.5345441247177 39.1792182549895 36.0602788260947  lineto 48.7562979982182 38.1772502852576 35.0476051775986  lineto 48.9673400092088 37.0239591727652 33.8708884430787  lineto 49.1269807164563 35.8958453222644 32.7096498478605  lineto 49.2395704295318 34.7619567432754 31.533514500953  lineto 49.2971828142075 33.782847975036 30.5116408375672  lineto 49.3170110062825 32.6935581386228 29.3689395516876  lineto 49.2892348911942 31.6096299914105 28.2268126597371  lineto 49.2239036084163 30.6472881117366 27.2095534845438  lineto 49.141258564993 29.8583104777171 26.3739821857228  lineto 49.0216919421407 29.0040864190033 25.4683927917749  lineto 48.8631259477745 28.1136356420494 24.5241203016075  lineto 48.6639242379991 27.2010155487174 23.5568790335584  lineto 48.3921369203342 26.1664616416666 22.4621820190315  lineto 48.1537182239008 25.3849549538355 21.637225449694  lineto 47.8533137125997 24.5128774152838 20.71936242676  lineto 47.5732432790856 23.7824381278477 19.9532712998523  lineto 47.1869164710478 22.8718442678252 19.0023827626401  lineto 46.7502906961118 21.9451539298512 18.0402739633425  lineto 46.3069338792671 21.0892622535472 17.1575268639159  lineto 45.8361062720239 20.2540166598452 16.302308214848  lineto 45.3527535195179 19.4603065566091 15.4960753766353  lineto 44.7844499168772 18.5947270766723 14.6249052062622  lineto 44.25146956345 17.8383056790278 13.8712737888995  lineto 43.6590329506113 17.050326203648 13.0945197556398  lineto 43.0457839105801 16.2845789061624 12.3484122124885  lineto 42.3150322626618 15.4287688623742 11.5255363086405  lineto 41.5653333065639 14.6058727536768 10.7461454549019  lineto 40.7168487811635 13.7325958774953 9.93284662469962  lineto 39.9969105015768 13.0339145500985 9.29318086378133  lineto 39.1356929757672 12.2431196505737 8.58193301490346  lineto 38.3202401720281 11.5347946989137 7.95724455326979  lineto 37.3866370067465 10.7671605205173 7.29454284754261  lineto 36.4822793250809 10.0633055187084 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2.63302316496234E-02 1.49527679324479  lineto 12.6213747548762 -0.241358643081041 1.84695141295735  lineto 11.5458134231865 -0.432863629385922 2.20389912218513  lineto 10.1936231442121 -0.640300595485794 2.75233831154588  lineto 8.92630700755032 -0.798468046230916 3.37617074480993  lineto 7.86738239334872 -0.901194642467779 3.98712714040121  lineto 6.71743702406767 -0.978860434343182 4.75444826528125  lineto 5.47478728656114 -1.01747767992514 5.72331049965521  lineto 4.36981661754016 -1.0047289628383 6.73090455185142  lineto 3.19440895212128 -0.93012866472601 7.9915477337328  lineto 2.14009783071286 -0.793874391985289 9.33212616882371  lineto 1.19146619325068 -0.593854060958865 10.7709221650332  lineto 0.332608878821648 -0.313661716094327 12.3824384852999  lineto -0.391379186210423 5.90990990541214E-02 14.1752624683415  lineto -0.939885130872152 0.485987928001741 15.9509348664704  lineto -1.39541646796481 0.96050470678981 17.6978445101651  lineto -1.88504986536122 1.53544475873431 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15.8594709242094 37.8972734493358  lineto -24.8618460905722 16.9236639571949 38.0475969046944  lineto -26.5927185129198 17.9064803734114 38.0746586297036  lineto -28.5870807059155 19.0388556472564 37.9768146060039  lineto -30.7232902700928 20.2559656774645 37.7220305971277  lineto -33.1049004339854 21.6233997699308 37.2568615955968  lineto -35.0034334664342 22.7255333675966 36.7487149654268  lineto -36.9632101862193 23.878620832896 36.0938969715387  lineto -39.2124340519472 25.2267194285278 35.1737548190779  lineto -41.5484827013958 26.6625126138083 34.0171956908217  lineto -43.7712454290648 28.0716302525441 32.7123356566378  lineto -45.9729984046691 29.5190666594829 31.2048938962072  lineto -48.3075788279472 31.1249206986183 29.3444995718524  lineto -50.4781336540747 32.7025652575016 27.3352478856417  lineto -52.40270677783 34.189592963399 25.2867278067459  lineto -53.7908243631774 35.3278865896757 23.623402633964  lineto -54.7368400503128 36.1427213788512 22.3849163365238  lineto -55.8333050643605 37.135158938825 20.8256136016297  lineto -56.9324907107556 38.1932350384801 19.1053391966662  lineto -57.9137596209986 39.2048129711936 17.4084956358762  lineto -58.9761932078075 40.3921267274833 15.3558379903956  lineto -59.9583512383237 41.6040894426535 13.1972590788728  lineto -60.6124855124852 42.4945324729137 11.5737969660353  lineto -61.3056737091103 43.539088806301 9.63264358938198  lineto -61.9442371431334 44.6327520731503 7.56214377520534  lineto -62.4004026518608 45.5299546743744 5.83791093015059  lineto -62.7719345052447 46.3718121030026 4.20154612326239  lineto -63.0670520002753 47.1535689673849 2.66787803611601  lineto -63.3197583935938 47.958162353217 1.07708564982726  lineto -63.5266829148741 48.7915716148886 -0.581909417768749  lineto -63.6960481648409 49.7325318494098 -2.46656702899304  lineto -63.7873425180244 50.5102018203642 -4.03177830461596  lineto -63.8358551214004 51.2709512076135 -5.56841746289973  lineto -63.8451176420525 52.0207056261001 -7.08741256944223  lineto -63.8138647115667 52.8191028551298 -8.70913923330002  lineto -63.7377877126185 53.6464979022695 -10.3934127330379  lineto -63.620270838636 54.4610258642825 -12.0540665313003  lineto -63.4750408461843 55.2081728188337 -13.5782437978439  lineto -63.2972286700319 55.9415148614487 -15.0737635331165  lineto -63.1018518477645 56.6182191666077 -16.4522857596118  lineto -62.8951420874922 57.2417959992266 -17.7208500366826  lineto -62.6793815947272 57.8231521595623 -18.9018346241537  lineto -62.4179973279282 58.4588010834674 -20.1910351636299  lineto -62.150086943657 59.0519279702349 -21.3917033607019  lineto -61.8980981731837 59.5681096218353 -22.4343369832089  lineto -61.6065561174104 60.1251310068237 -23.556580569339  lineto -61.2938680027789 60.6836065188989 -24.6782290441552  lineto -61.0366915902459 61.1178135085589 -25.5475447758398  lineto -60.7248966542858 61.6184771530592 -26.5467439719807  lineto -60.3864150446542 62.1345407415193 -27.5729678656326  lineto -60.0308460735466 62.6502278737709 -28.5945090615004  lineto -59.7357127889007 63.0603216546933 -29.4039520101414  lineto -59.4050832925746 63.5026786670676 -30.2740175181  lineto -59.0460586889838 63.9648749556551 -31.1794633413755  lineto -58.7049642111867 64.3883793499072 -32.0056095832623  lineto -58.3366873399261 64.8303453450975 -32.8639581173795  lineto -57.9422157881238 65.2879166727584 -33.7482542398413  lineto -57.5807633753848 65.6941986745357 -34.5295156008247  lineto -57.2252030216676 66.0828255869223 -35.2732596730908  lineto -56.8139391984755 66.5198564436132 -36.1053370158905  lineto -56.3920214943829 66.9554788273426 -36.9300559291908  lineto -55.9215804704778 67.4273302616187 -37.8179193408795  lineto -55.4520979562067 67.8848940268737 -38.6733138233747  lineto -55.011214364607 68.3034479969339 -39.4508226346145  lineto -54.5317864902091 68.7472918506246 -40.2699895649684  lineto -54.1611529262882 69.0828962407289 -40.8856608013696  lineto -53.6352244184204 69.5486405302349 -41.7346221578892  lineto -53.2315208788539 69.8983302435691 -42.3677727192522  lineto -52.5899484045548 70.4411910346385 -43.3431437773859  lineto -52.0759248394353 70.8656302034683 -44.0990689340515  lineto -51.4856453601363 71.3424957660078 -44.9410464767129  lineto -50.9355864882557 71.7775118215614 -45.702096724269  lineto -50.3694010059915 72.2165473053396 -46.463141491669  lineto -49.720264803688 72.709602345064 -47.3093715886658  lineto -48.9898510177831 73.251916439627 -48.2298655448314  lineto -48.274393743643 73.7709954195745 -49.1008747451998  lineto -47.6883375546225 74.1877280379412 -49.792999085797  lineto -47.0555940536228 74.6297664664189 -50.5198504171617  lineto -46.2488568342862 75.1825374814504 -51.4175415324095  lineto -45.4794172343173 75.6995357695297 -52.2451350794717  lineto -44.7551386360347 76.177875327514 -53.0000434878012  lineto -44.0307594188569 76.6485377702259 -53.7327502986539  lineto -43.2853793455702 77.1249818618557 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Unit: mm |