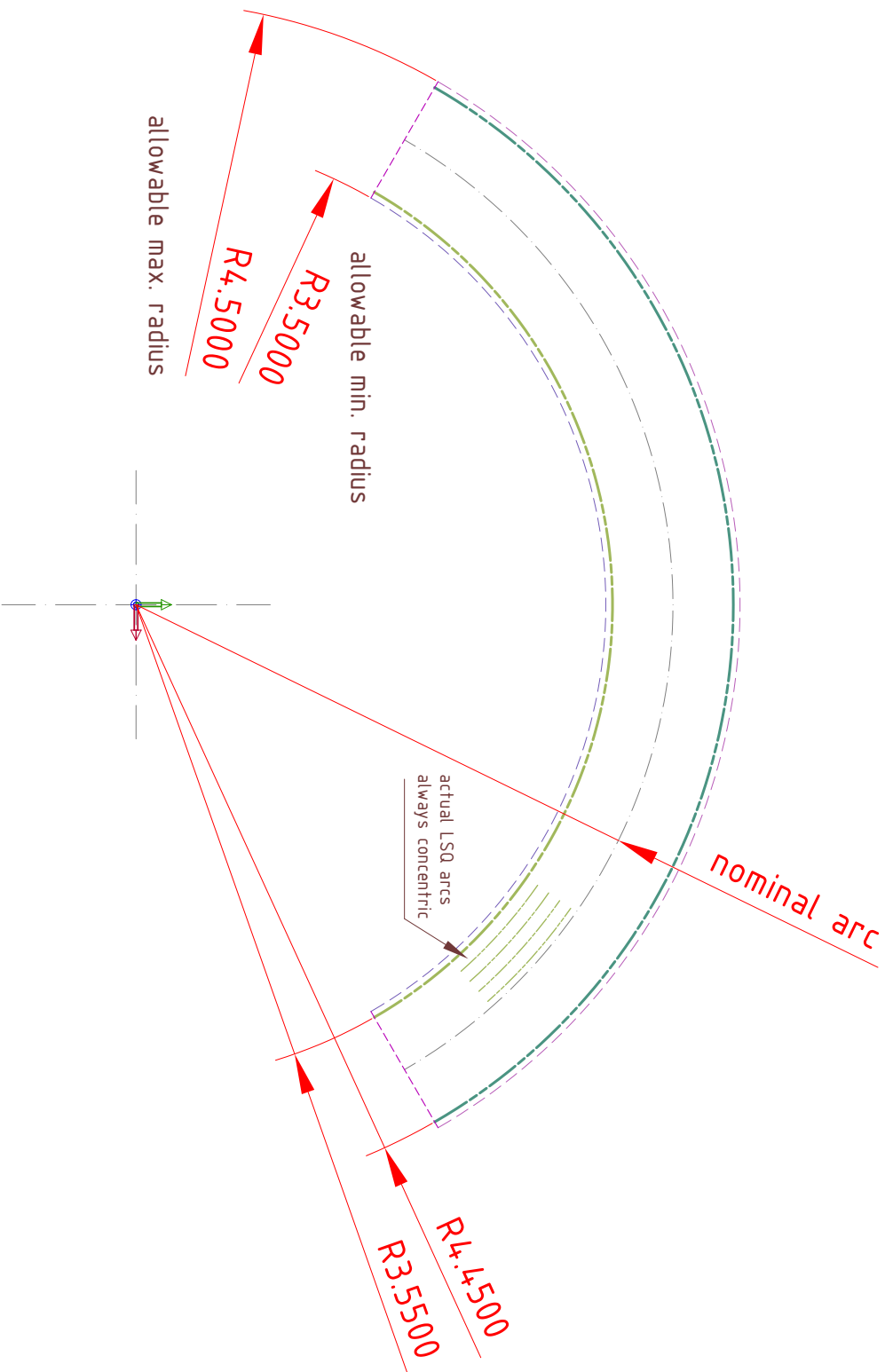


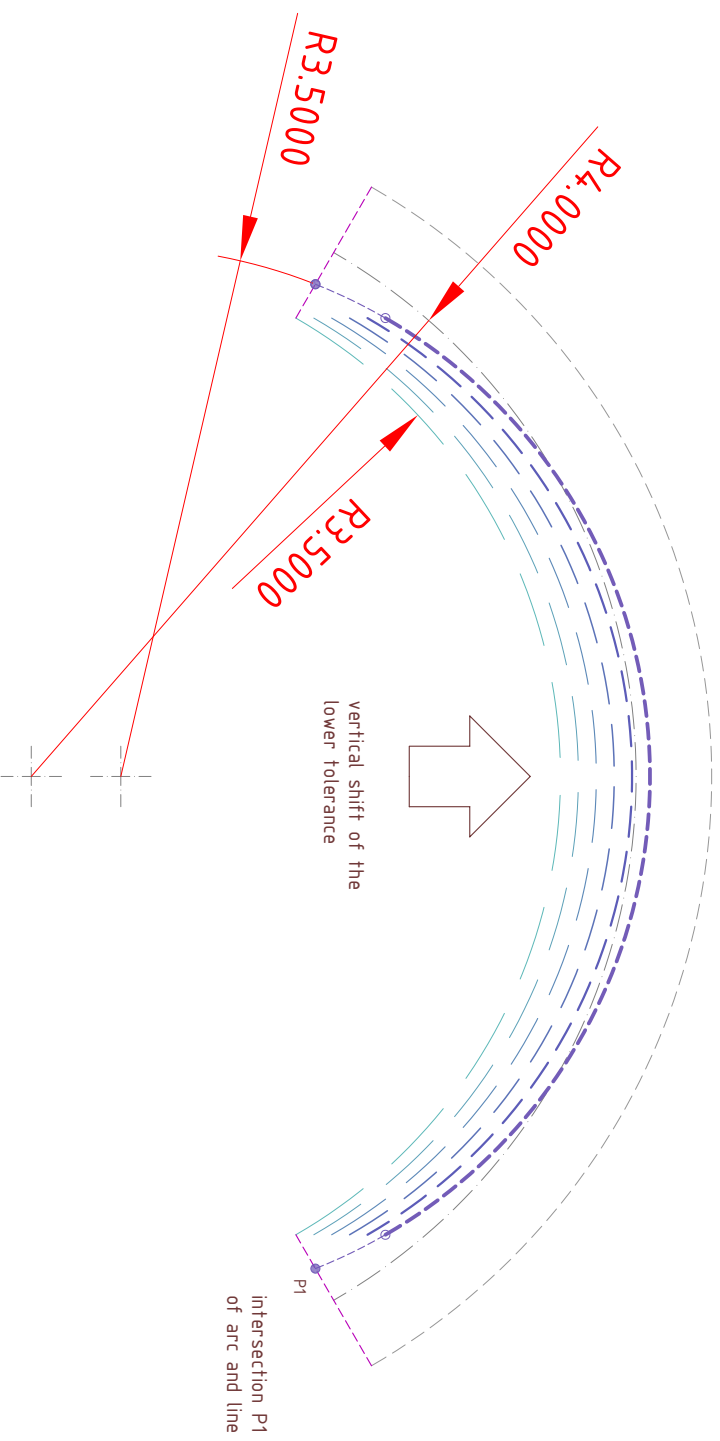
Derived elements at the limits.
All actual arcs are concentric
to the nominal arc.

- least squares arc near OT
- least squares arc near UT



Scaling down the plus-minus-tolerance

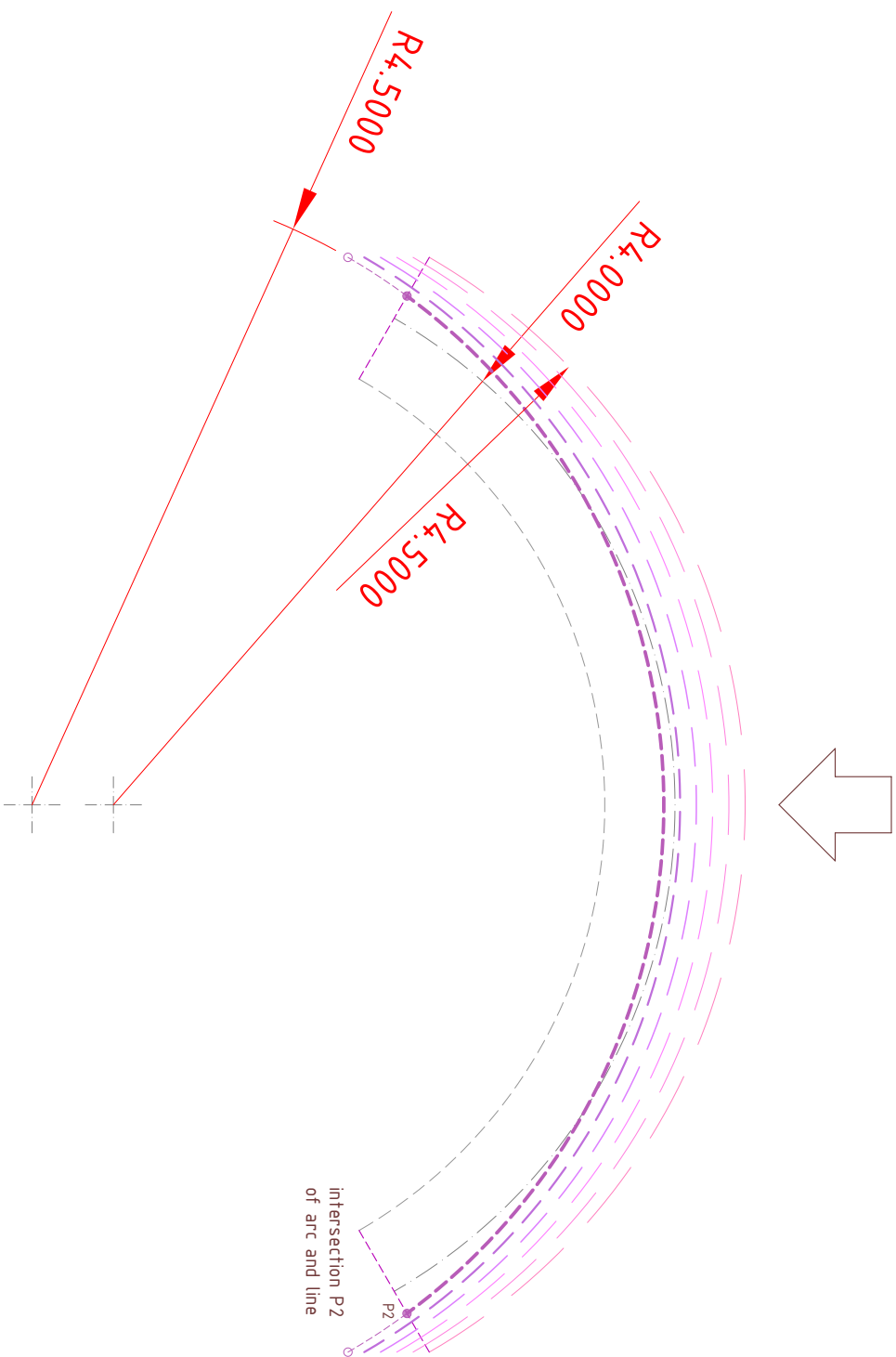
----- vertical shift to
----- least squares position
of $R_{3.5000}$



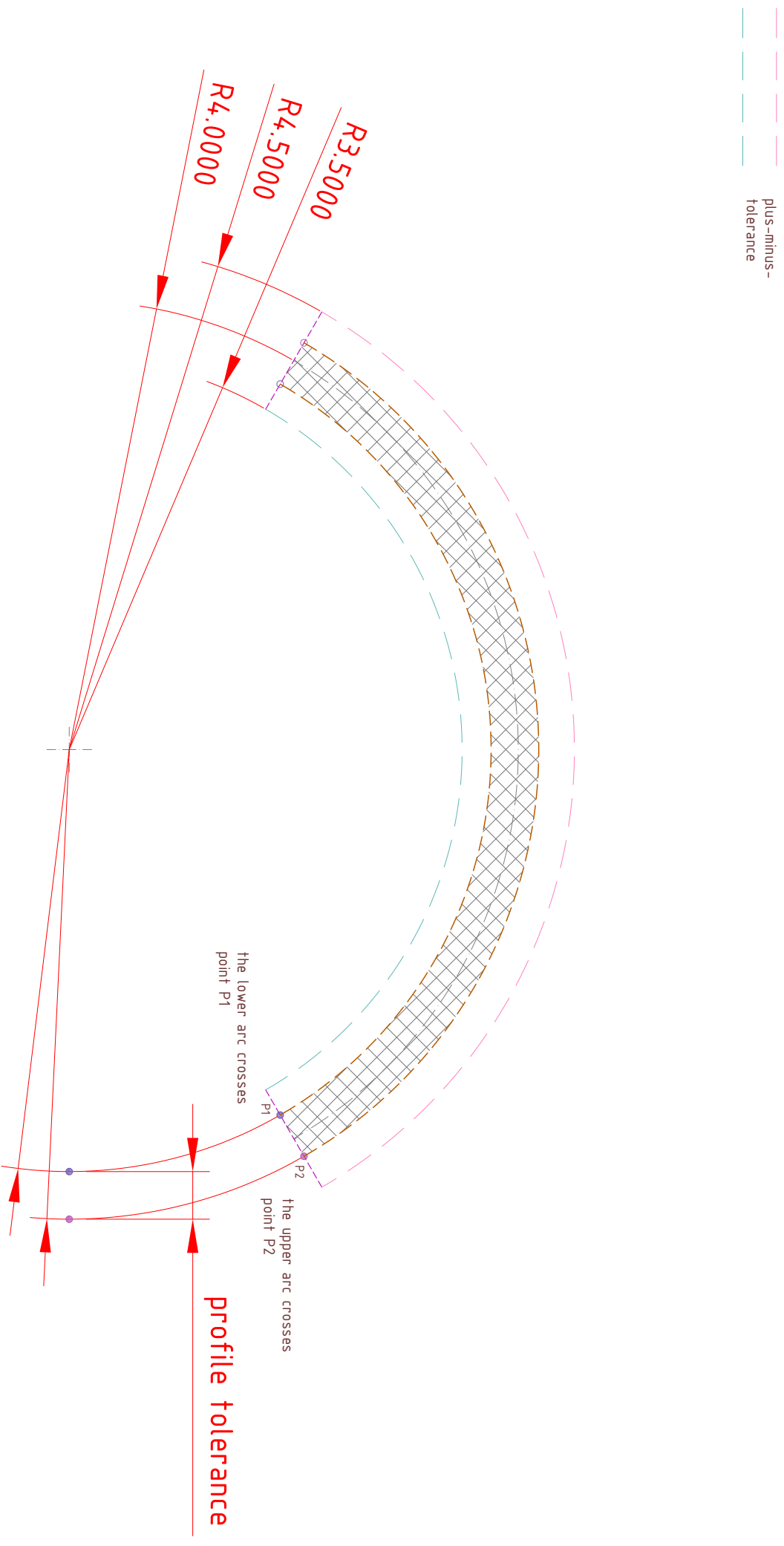
Scaling down the plus-minus-tolerance

vertical shift to
least squares position
of $R_{4.5000}$

vertical shift of the
upper tolerance

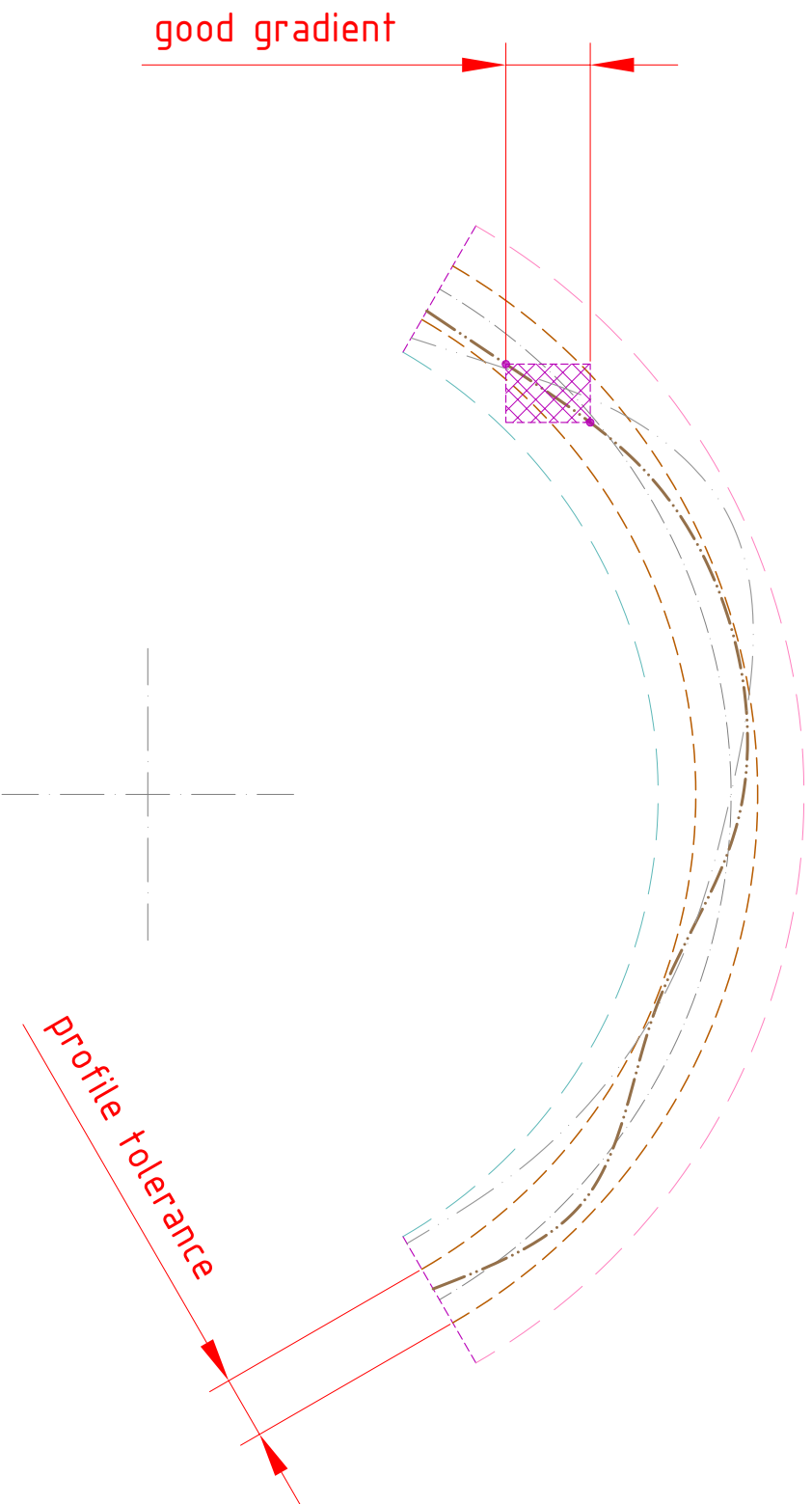


Scaling down the plus-minus-tolerance

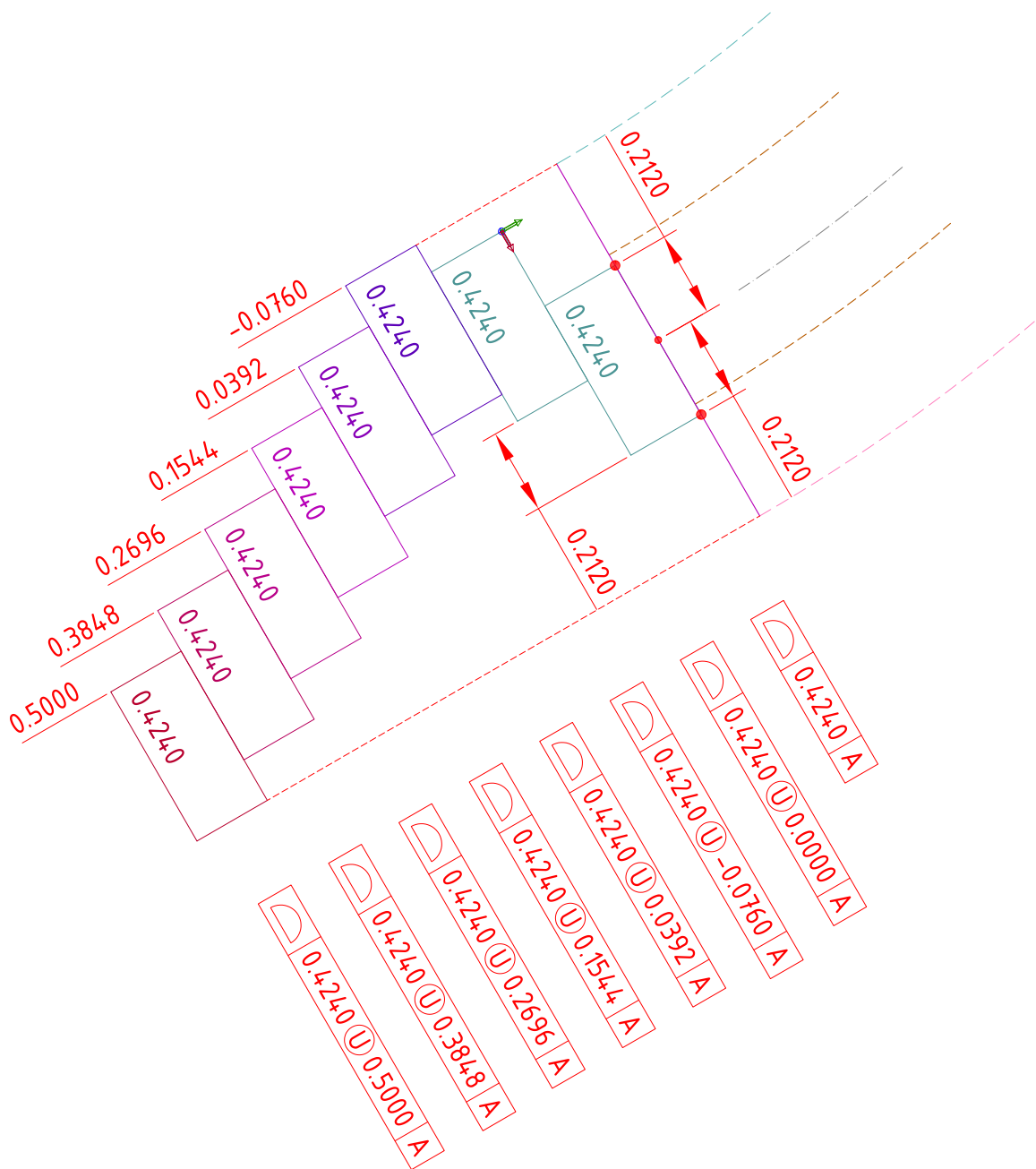


Scaling down the plus-minus-tolerance

- — — — — plus-minus-tolerance
- — — — — actual polyline within profile tolerance (surface points)
- · — · — · — actual polyline within plus-minus tolerance (surface points)









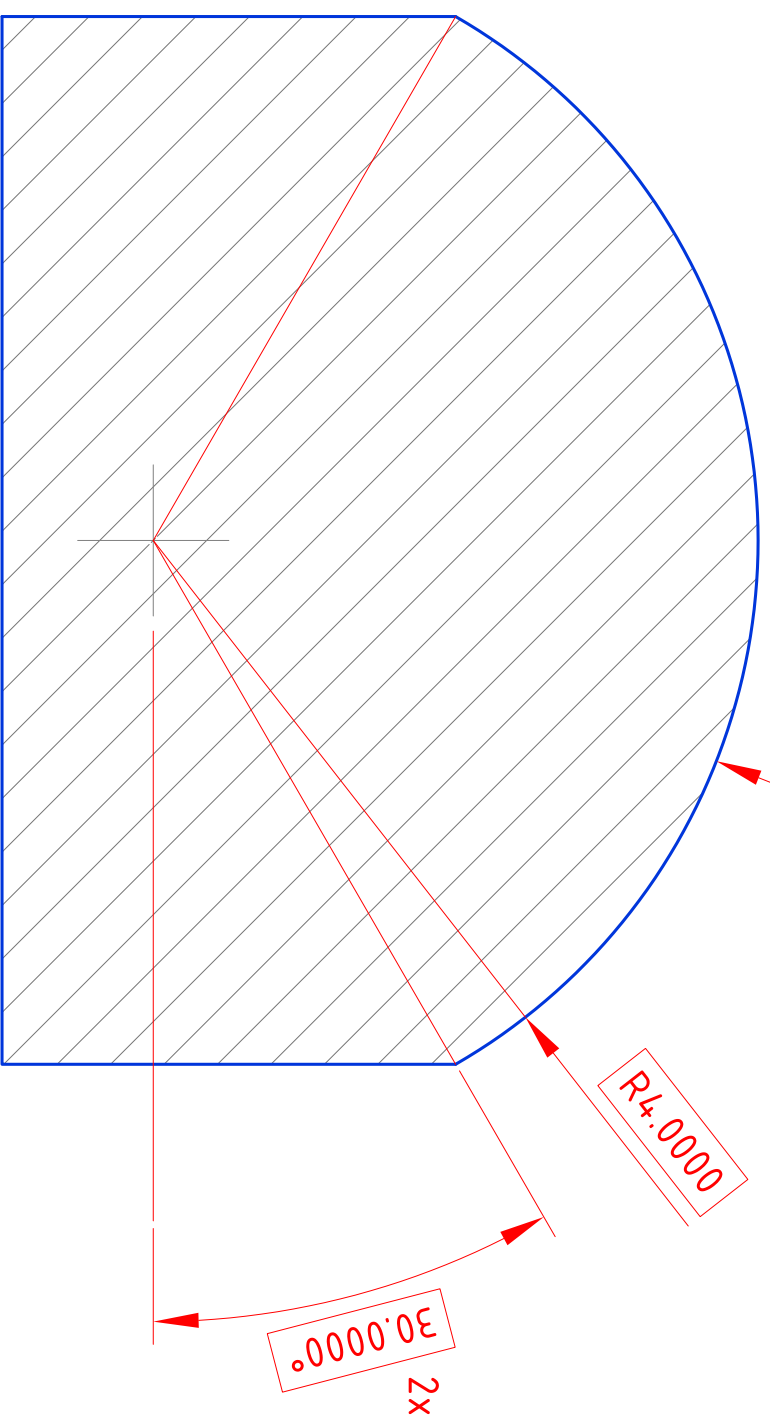
Definition of profile tolerances.



Scaling down the plus-minus-tolerance as a kind of "FRTZF" and simultaneously regarding the plus-minus-tolerance as a kind of "PLTZF".

One of six within spec.

| | | |
|---|--------------------|---|
|  | 0.4240 (U) -0.0760 | A |
|  | 0.4240 (U) 0.0392 | A |
|  | 0.4240 (U) 0.1544 | A |
|  | 0.4240 (U) 0.2696 | A |
|  | 0.4240 (U) 0.3848 | A |
|  | 0.4240 (U) 0.5000 | A |



Putting in a roundness-tolerance as a kind of "FRTZF" and simultaneously regarding the profile-tolerance as a kind of "PLTZF".

