

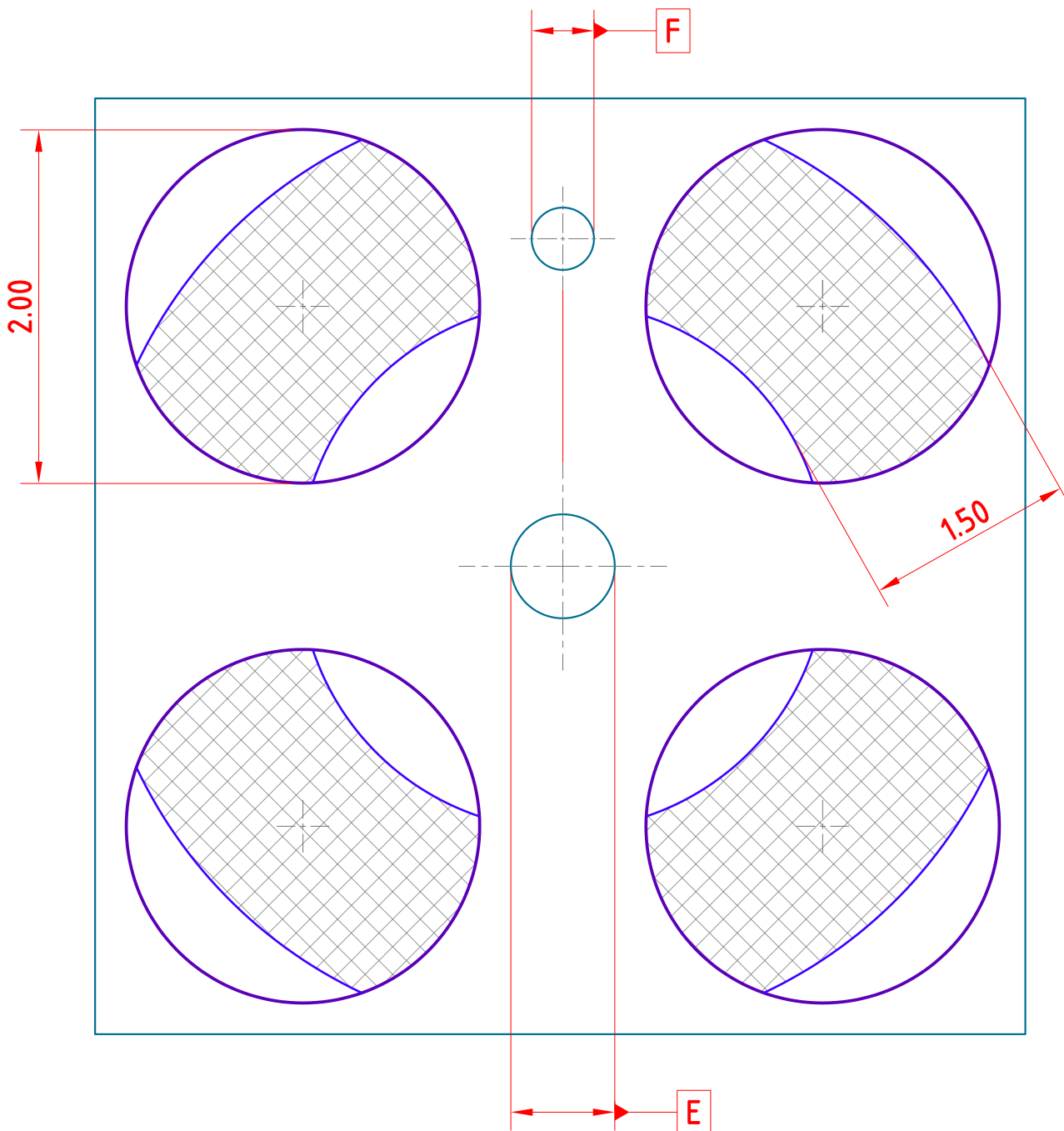
Actual values

Tolerance zones

| | | | | |
|----------|------------------------|---|---|---|
| \oplus | $\varnothing 2.00$ (M) | U | E | F |
| | $\varnothing 0.20$ (M) | U | E | F |
| \oplus | $\varnothing 1.50$ (M) | U | E | |

← changing the value

— fixed tolerance gage

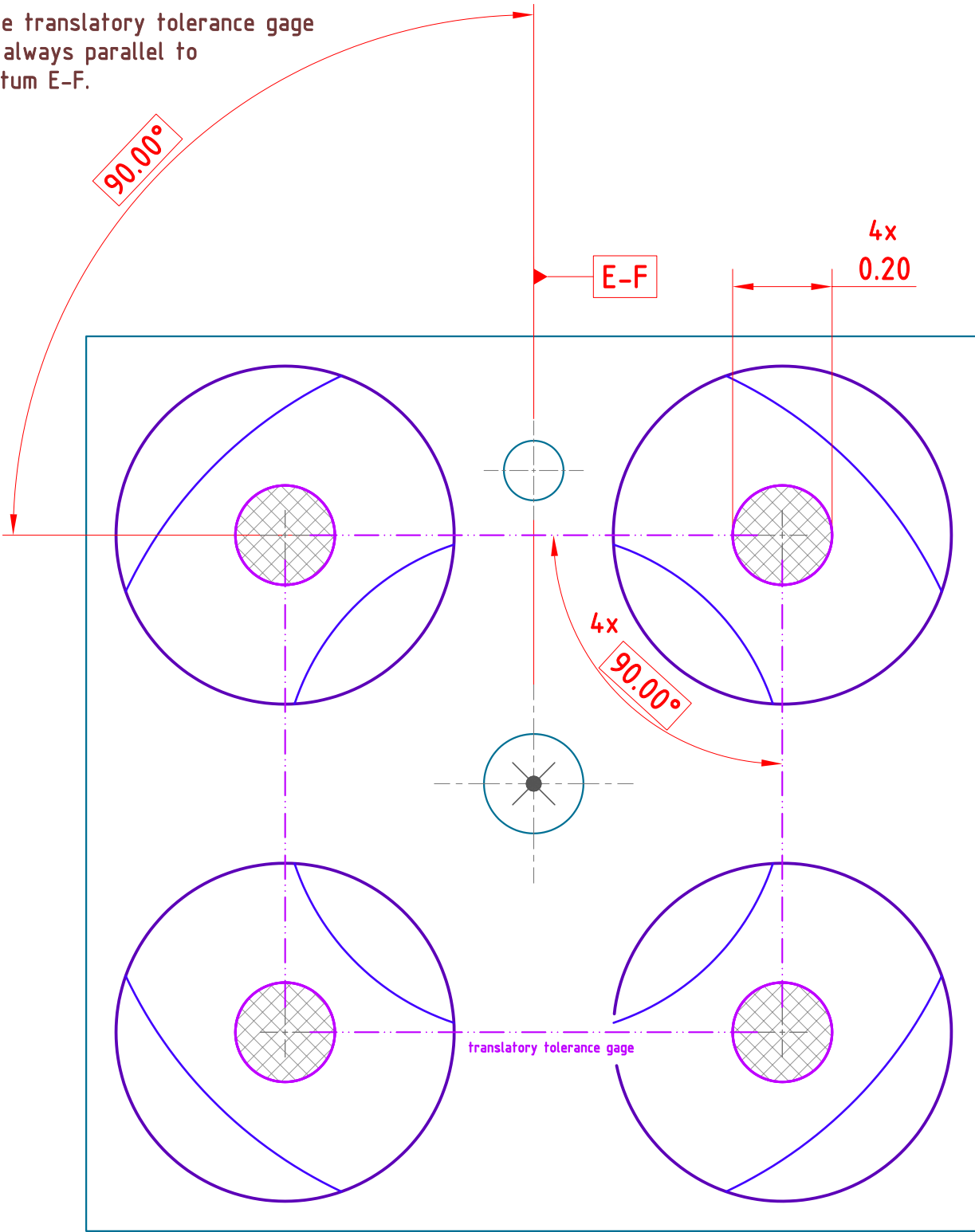


Actual values

| | | | | |
|---|-----------|---|---|---|
| ⊕ | ∅2.00 (M) | U | E | F |
| | ∅0.20 (M) | U | E | F |
| ⊕ | ∅1.50 (M) | U | E | |

Tolerance zones

The translatory tolerance gage is always parallel to datum E-F.



Actual values

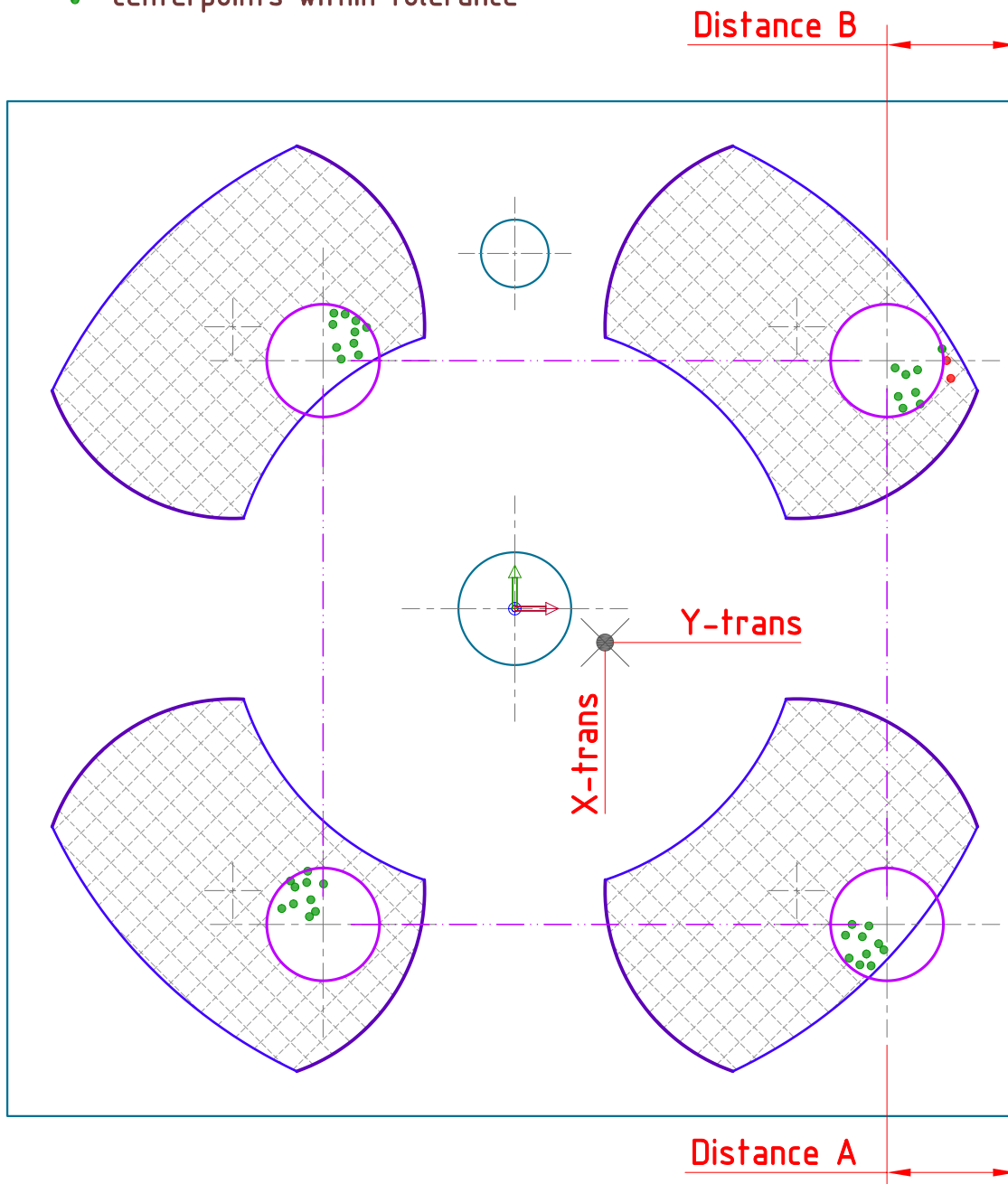
| | | | | |
|---|-----------|---|---|---|
| ⊕ | ∅2.00 (M) | U | E | F |
| | ∅0.20 (M) | U | E | F |
| ⊕ | ∅1.50 (M) | U | E | |

Scenario #1

- fixed tolerance gage
- translatory tolerance gage
- centerpoints out of tolerance
- centerpoints within tolerance

Distance A equal to distance B

⊗ center of translatory tolerance gage



Actual values

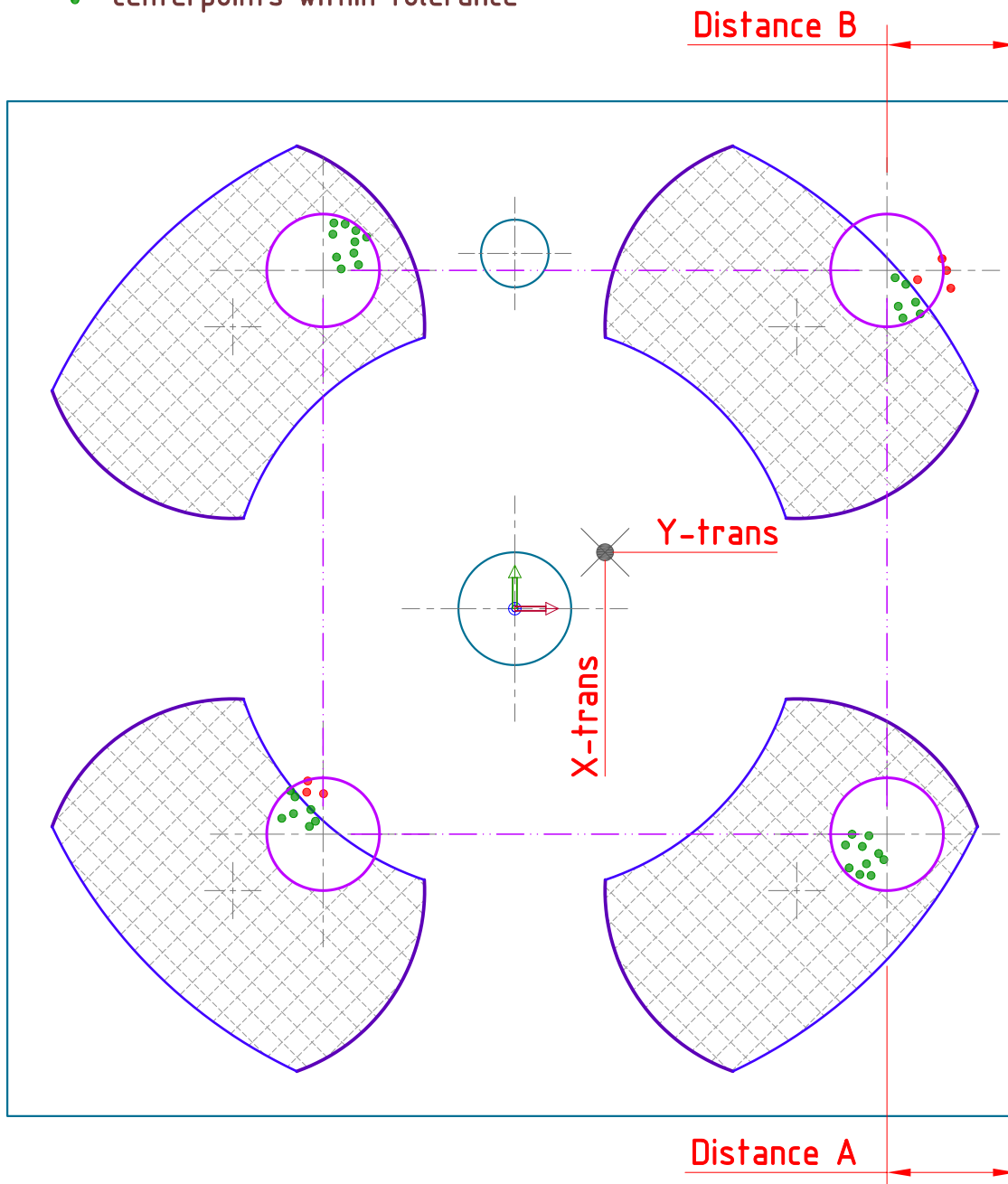
| | | | | |
|---|-----------|---|---|---|
| ⊕ | ∅2.00 (M) | U | E | F |
| | ∅0.20 (M) | U | E | F |
| ⊕ | ∅1.50 (M) | U | E | |

Scenario #2

- fixed tolerance gage
- translatory tolerance gage
- centerpoints out of tolerance
- centerpoints within tolerance

Distance A equal to distance B

⊗ center of translatory tolerance gage



Actual values

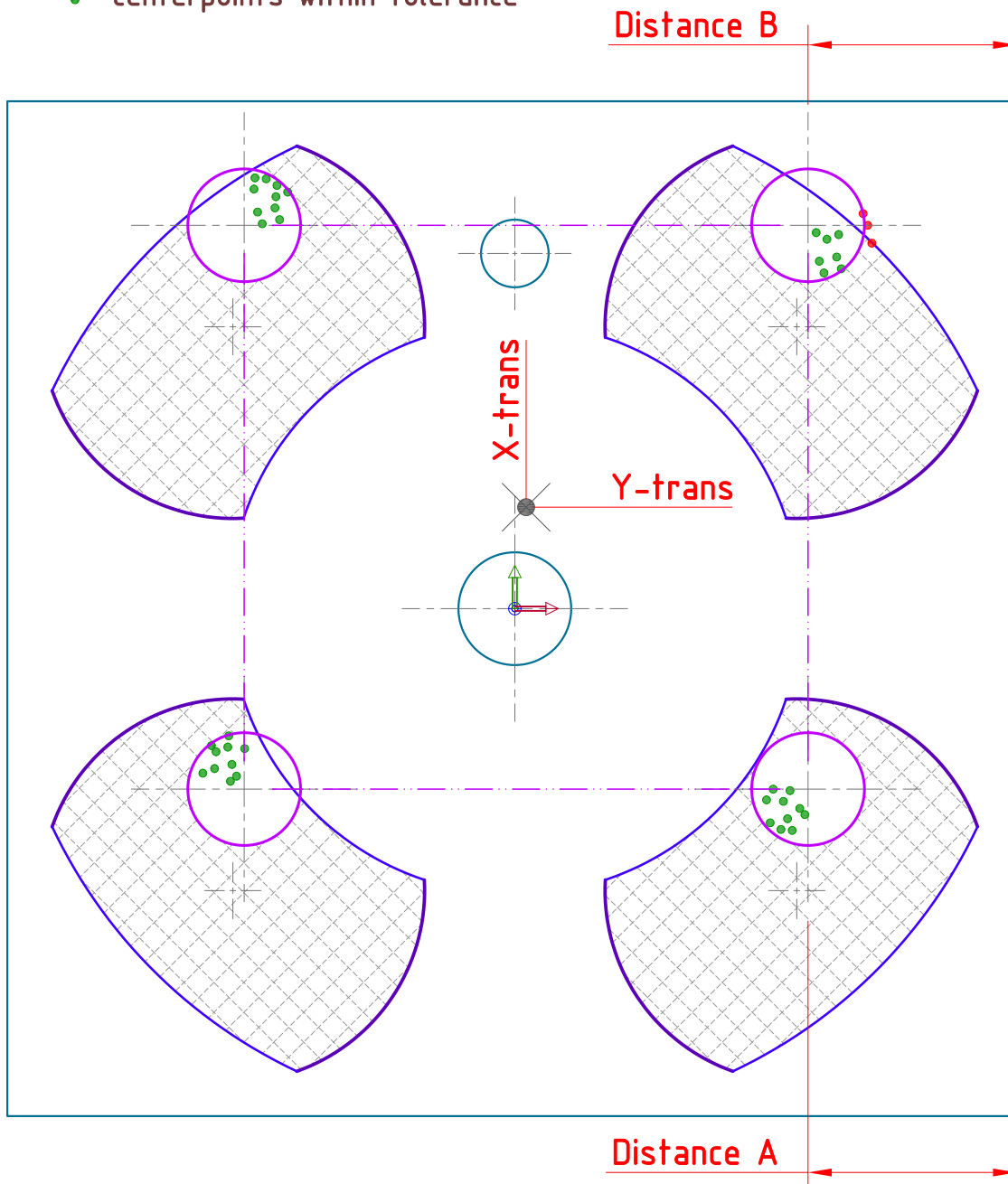
| | | | | |
|---|-----------|---|---|---|
| ⊕ | ∅2.00 (M) | U | E | F |
| | ∅0.20 (M) | U | E | F |
| ⊕ | ∅1.50 (M) | U | E | |

Scenario #3

Distance A equal to distance B

- fixed tolerance gage
- translatory tolerance gage
- centerpoints out of tolerance
- centerpoints within tolerance

⊗ center of translatory tolerance gage



Actual values

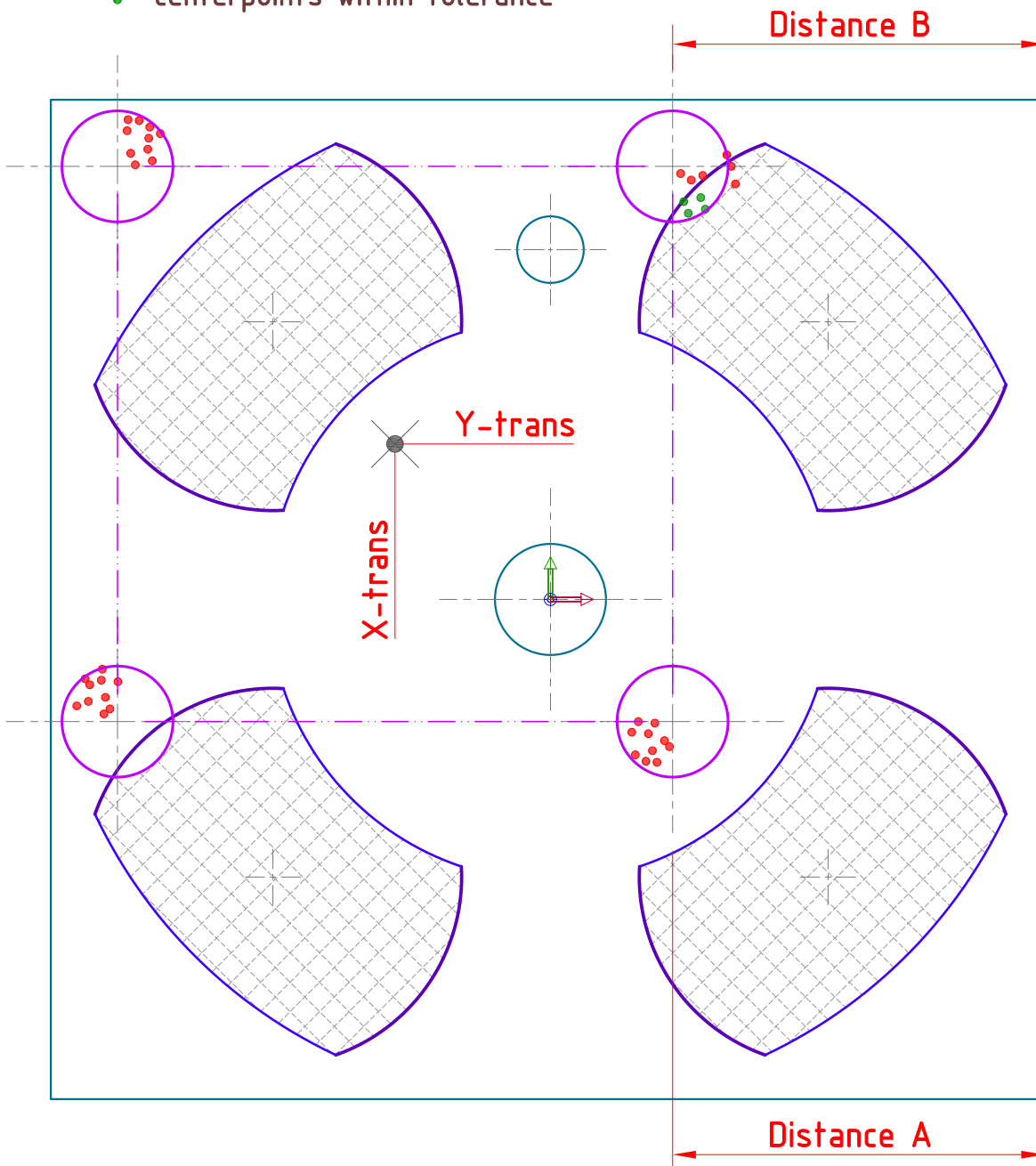
| | | | | |
|---|-----------|---|---|---|
| ⊕ | ∅2.00 (M) | U | E | F |
| | ∅0.20 (M) | U | E | F |
| ⊕ | ∅1.50 (M) | U | E | |

Scenario #4

Distance A equal to distance B

- fixed tolerance gage
- translatory tolerance gage
- centerpoints out of tolerance
- centerpoints within tolerance

⊗ center of translatory tolerance gage



Actual values

| | | | | |
|---|----------|---|---|---|
| ⊕ | ∅2.00(M) | U | E | F |
| | ∅0.20(M) | U | E | F |
| ⊕ | ∅1.50(M) | U | E | |

Scenario #5

Distance A equal to distance B

- fixed tolerance gage
- translatory tolerance gage
- centerpoints out of tolerance
- centerpoints within tolerance

⊗ center of translatory tolerance gage

