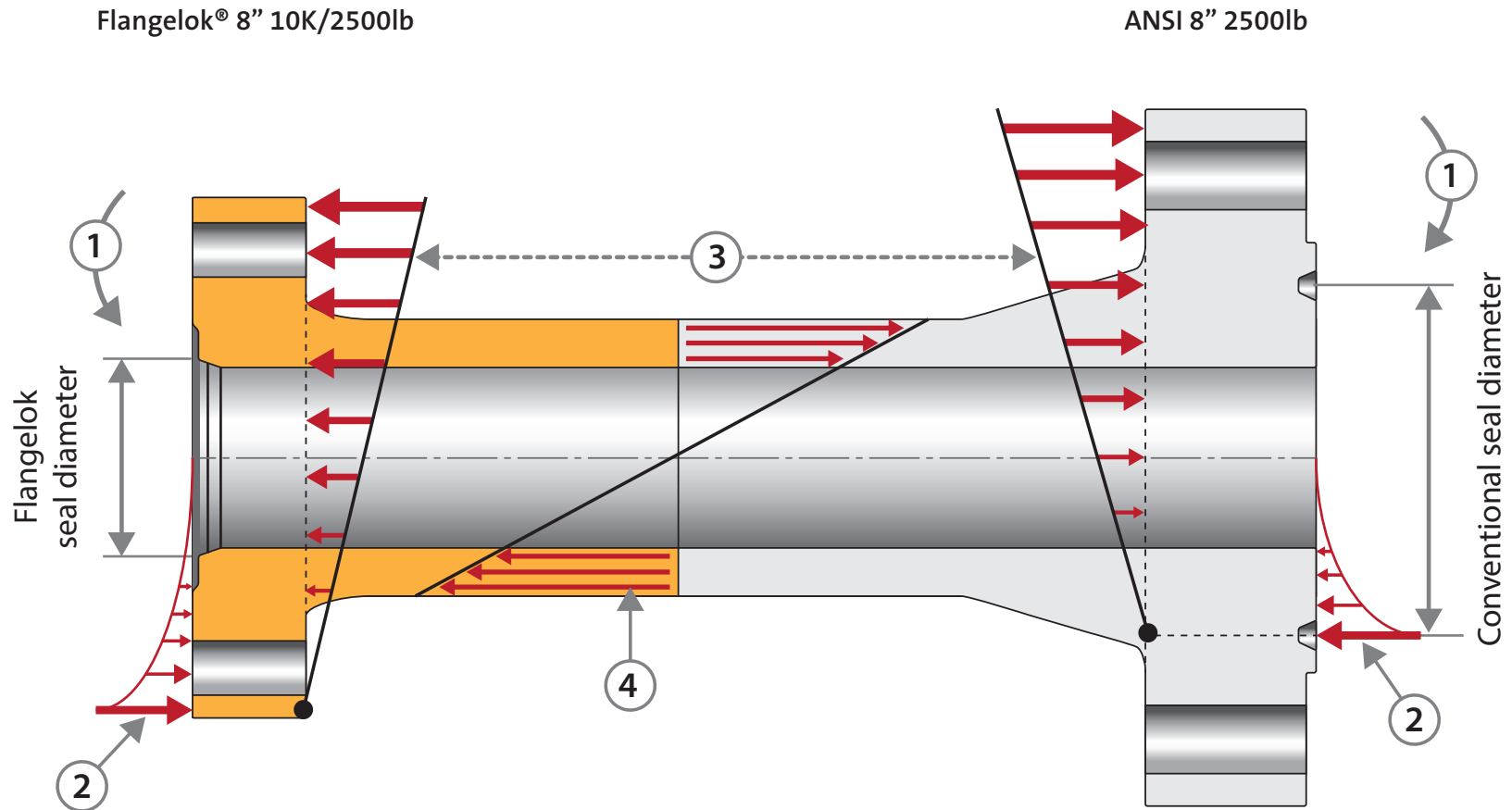


Vector Flangelok®

Typical force distribution due to applied bending moment

FREUDENBERG
OIL & GAS TECHNOLOGIES



- 1) Applied bending moment (M)
- 2) Reaction forces on gasket

- 3) Reaction forces on bolt face
- 4) Force/Stress distribution in pipe section