Figure A1: The temperatures during the first test
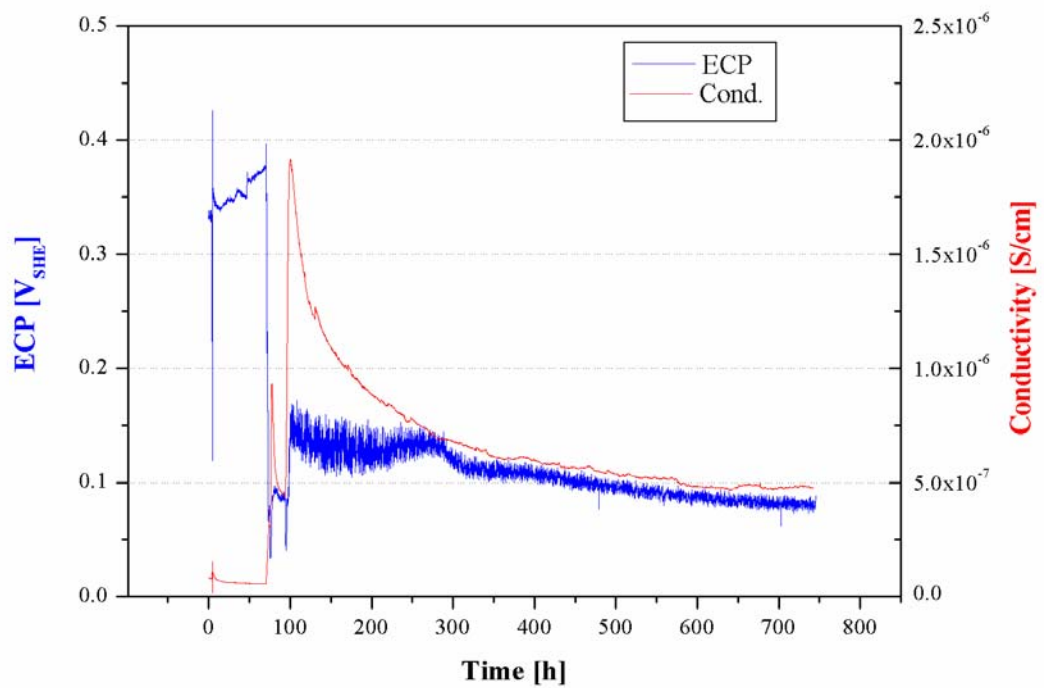

Figure A2: The ECP and outlet conductivity during the first test.
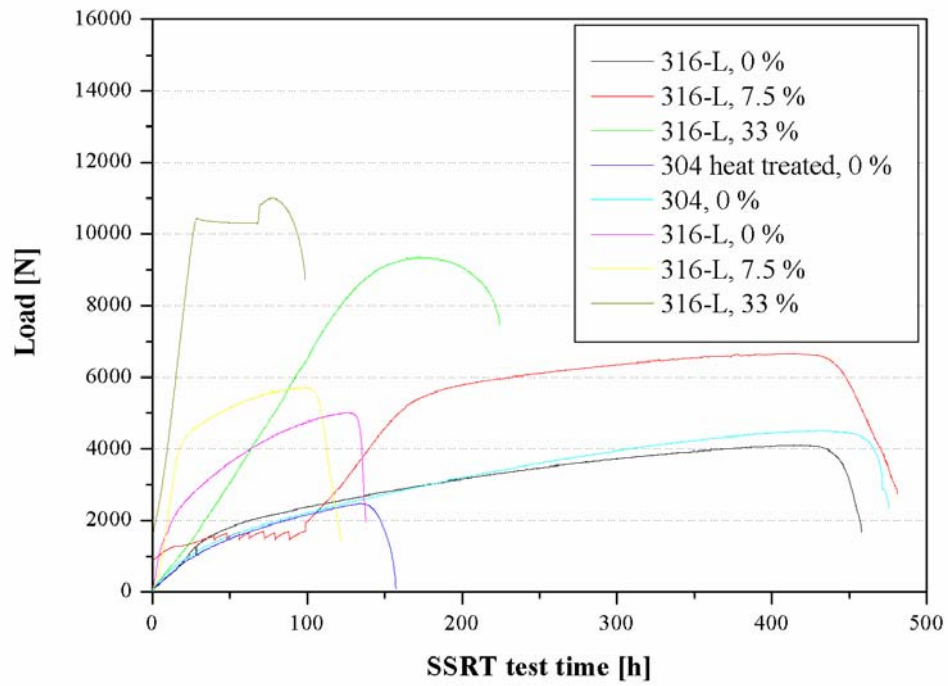
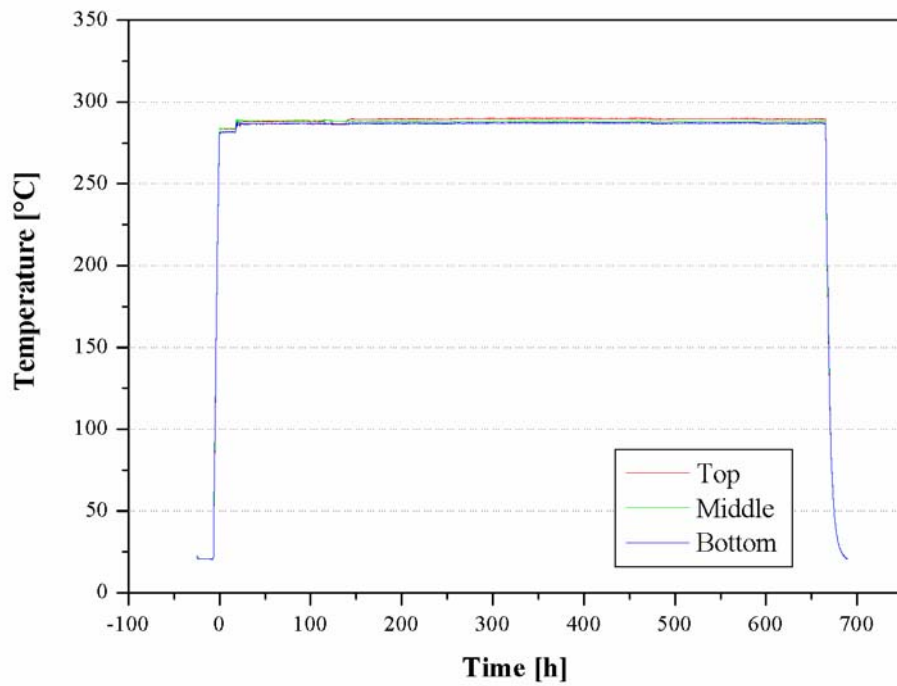*Figure A3: The measured load as a function of time, first test.*

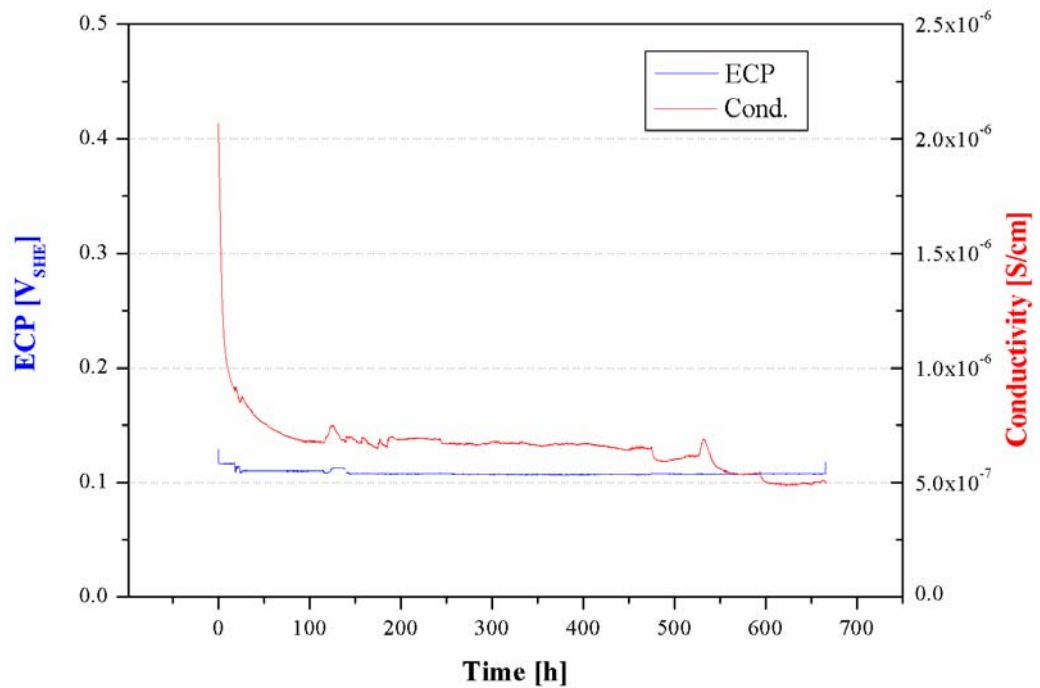*Figure A4: The temperatures during the second test*

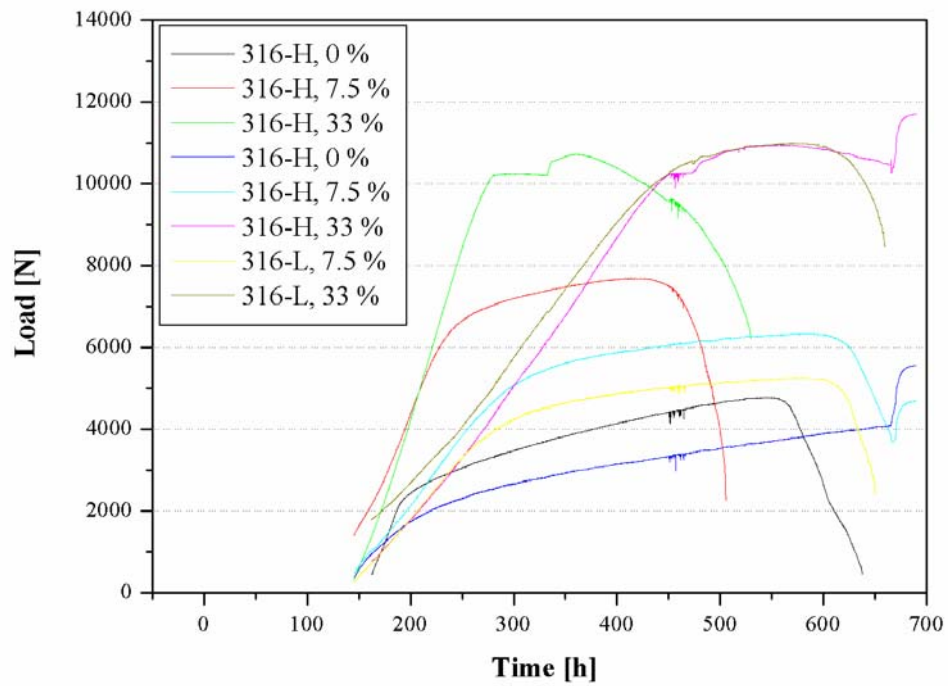*Figure A5: The ECP and outlet conductivity during the second test.*

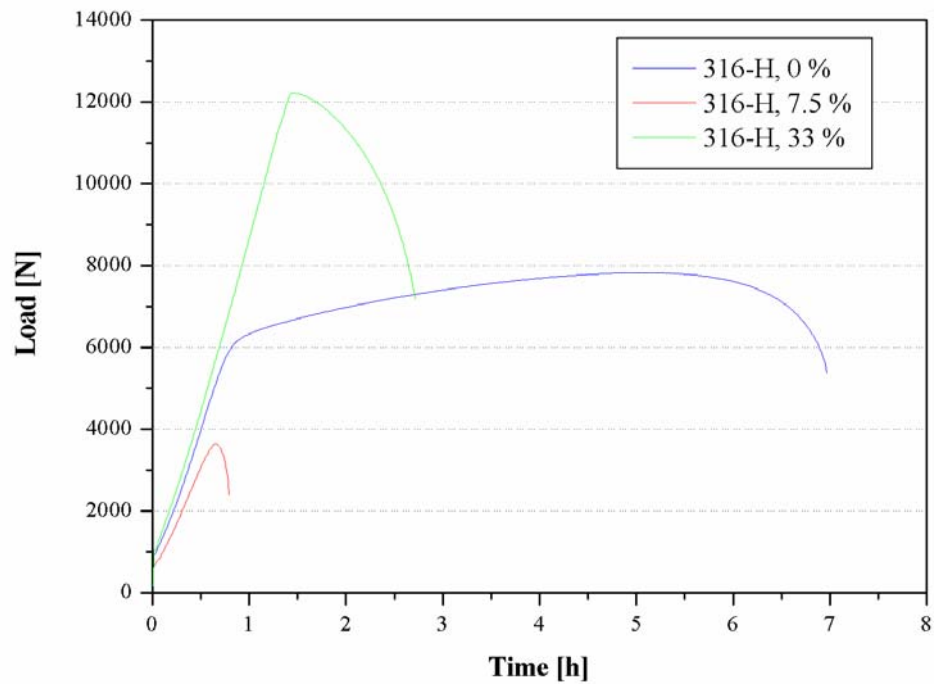*Figure A6: The measured load as a function time, second test*

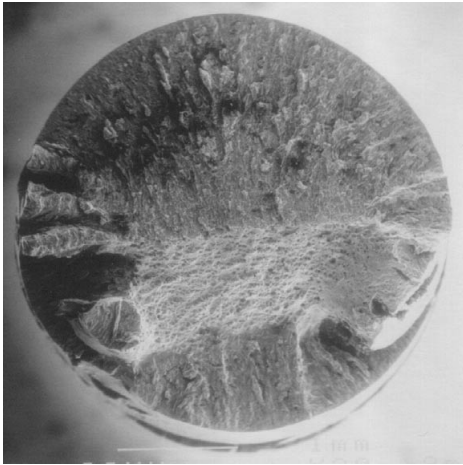*Figure A7: The measured load as a function time, post-test straining*

Figure B1: Fracture surface of specimen SA1, Type 316NG-L2, cold work ratio = 0 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.
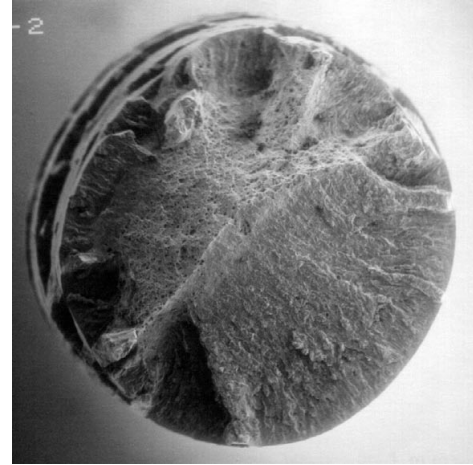

Figure B2: Fracture surface of specimen SA2, Type 316NG-L2, cold work ratio = 7.5 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.

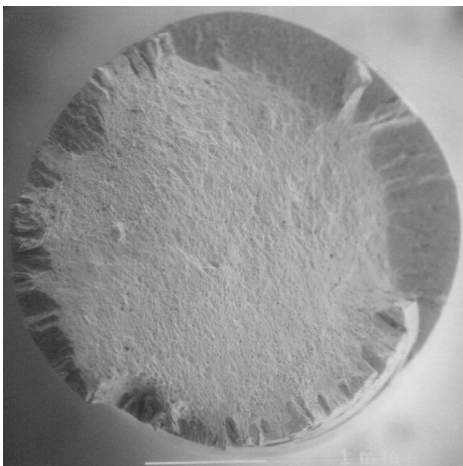*Figure B3: Fracture surface of specimen SA3, Type 316NG-L2, cold work ratio = 33 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.*
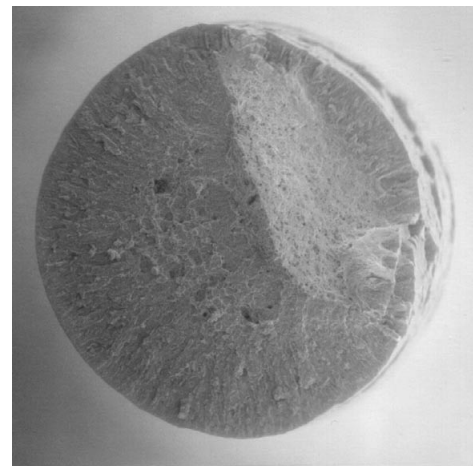

Figure B4: Fracture surface of specimen SA4, Type 316NG-L2, cold work ratio = 0 %, strain rate = $5 \cdot 10^{-7}$ s^{-1}.
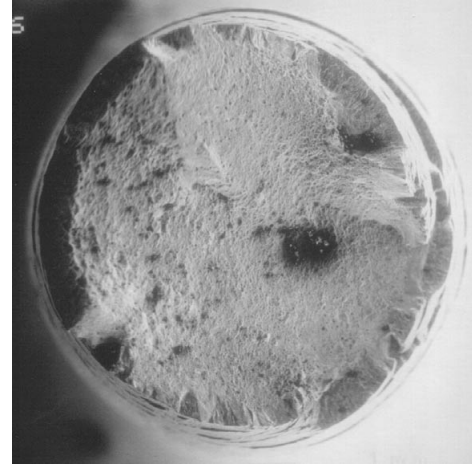
Figure B5: Fracture surface of specimen SA5, Type 316NG-L2, cold work ratio = 7.5 %, strain rate = 5·10⁻⁷ s⁻¹.

Figure B6: Fracture surface of specimen SA6, Type 316NG-L2, cold work ratio = 33 %, strain rate = 5·10⁻⁷ s⁻¹.

Figure B7: Fracture surface of specimen SC1, Type 304, heat treatment 620 °C x 24 h, cold work ratio = 0 %, strain rate = 1·10⁻⁷ s⁻¹.

Figure B8: Fracture surface of specimen SC2 Type 304, cold work ratio = 0 %, strain rate = 1·10⁻⁷ s⁻¹.

Figure B9: Fracture surface of specimen SB1, Type 316NG-H, cold work ratio = 0 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.

Figure B10: Fracture surface of specimen SB2, Type 316NG-H, cold work ratio = 7.5 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.

Figure B11: Fracture surface of specimen SB3, Type 316NG-H, cold work ratio = 33 %, strain rate = $1 \cdot 10^{-7}$ s^{-1}.
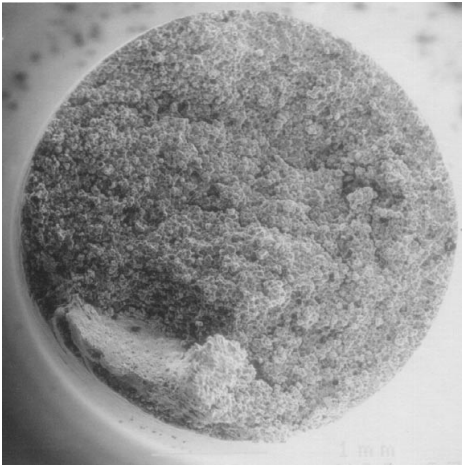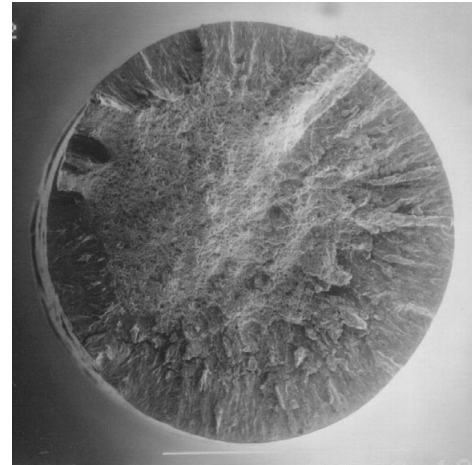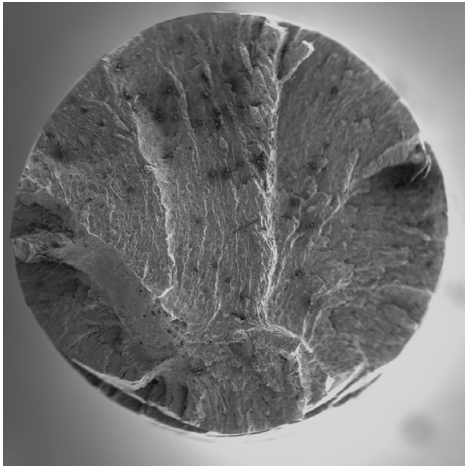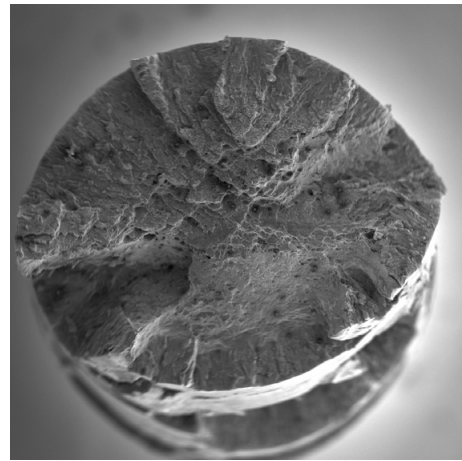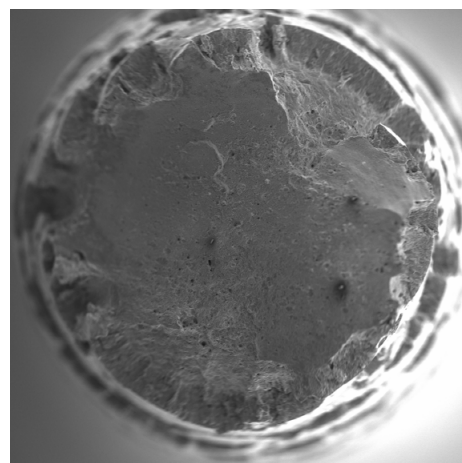

Figure B12: Fracture surface of specimen SB4, Type 316NG-H, cold work ratio = 0 %, strain rate = $5 \cdot 10^{-8}$ s^{-1}.
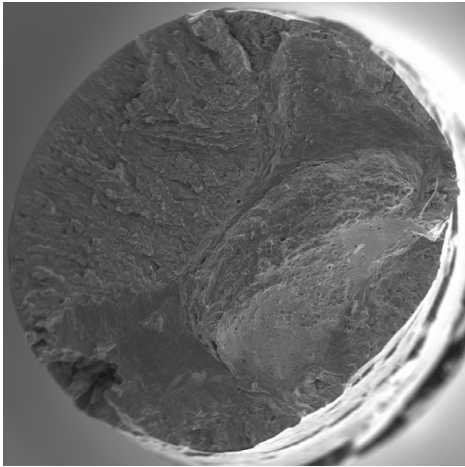
Figure B13: Fracture surface of specimen SB5, Type 316NG-H, cold work ratio = 7.5 %, strain rate = $5 \cdot 10^{-8}$ s^{-1}.
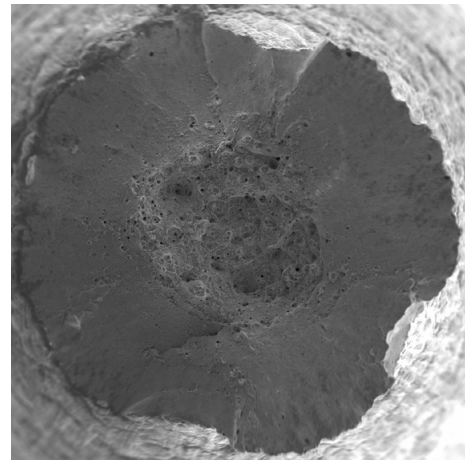

Figure B14: Fracture surface of specimen SB6, Type 316NG-H, cold work ratio = 33 %, strain rate = $5 \cdot 10^{-8}$ s^{-1}.

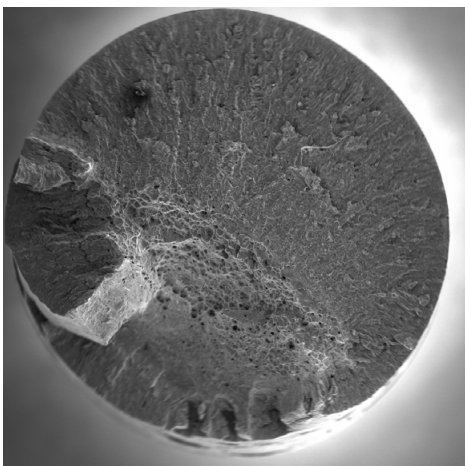*Figure B15: Fracture surface of specimen SD1, Type 316NG-L2, cold work ratio = 7.5 %, strain rate = $5 \cdot 10^{-8}$ s^{-1}.*
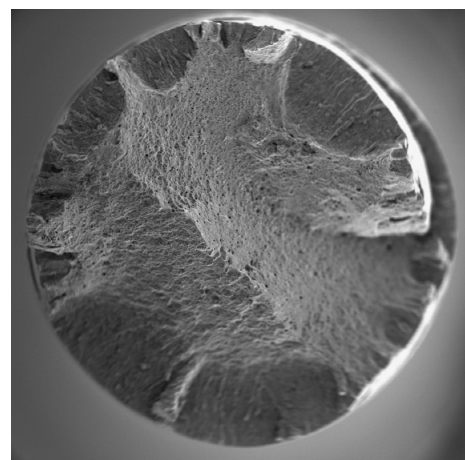

Figure B16: Fracture surface of specimen SD2, Type 316NG-L2, cold work ratio = 33 %, strain rate = $5 \cdot 10^{-8}$ s^{-1}.