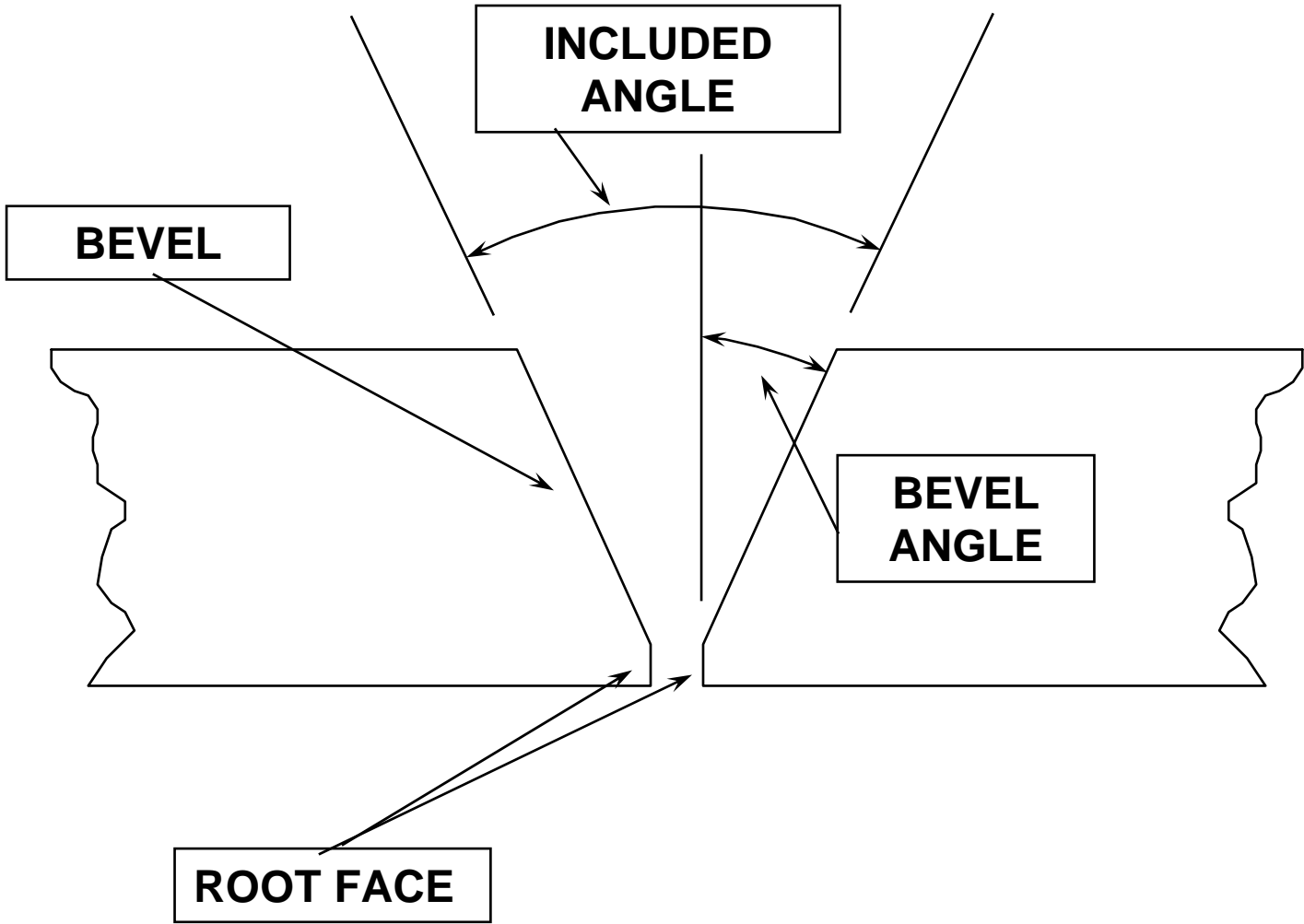
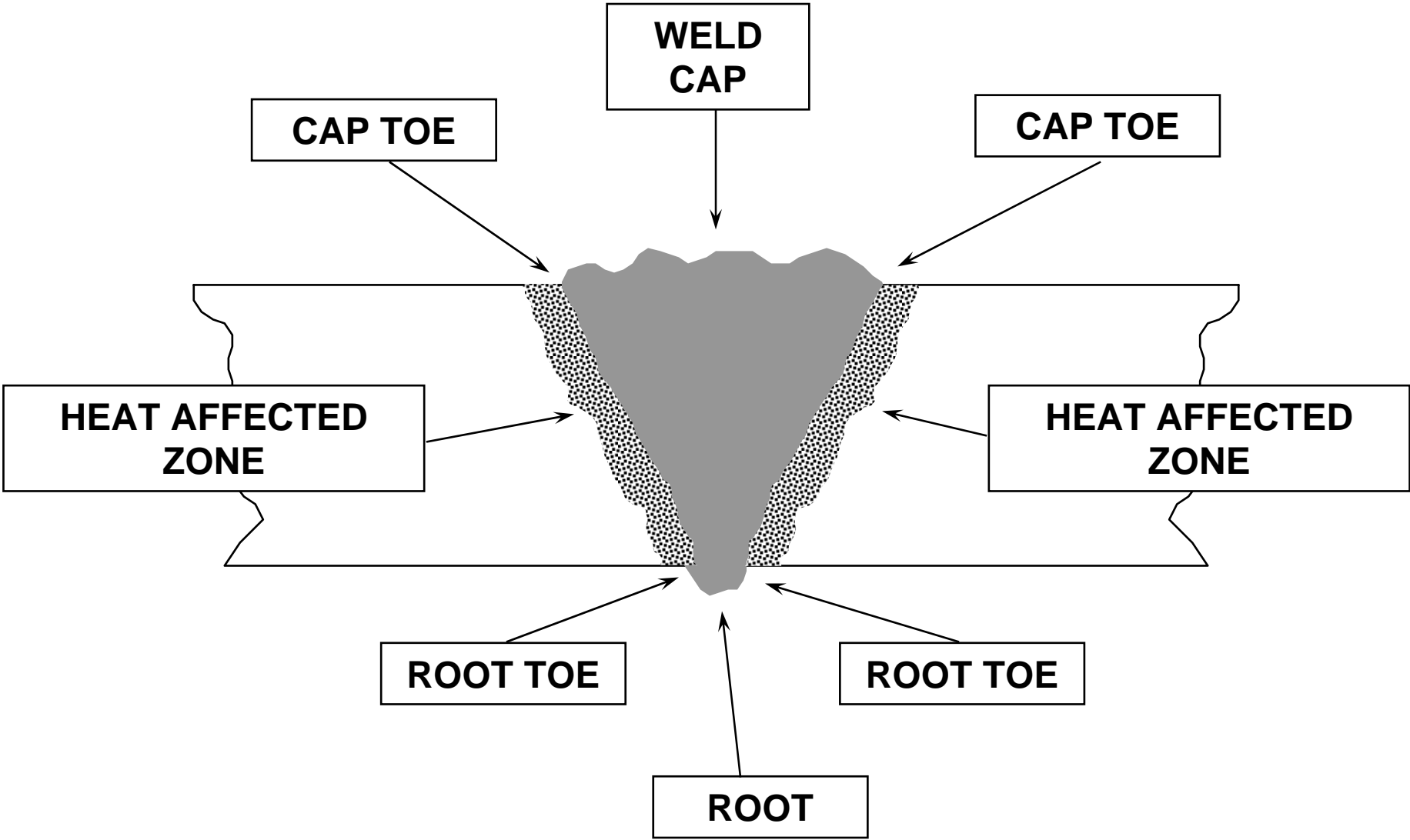


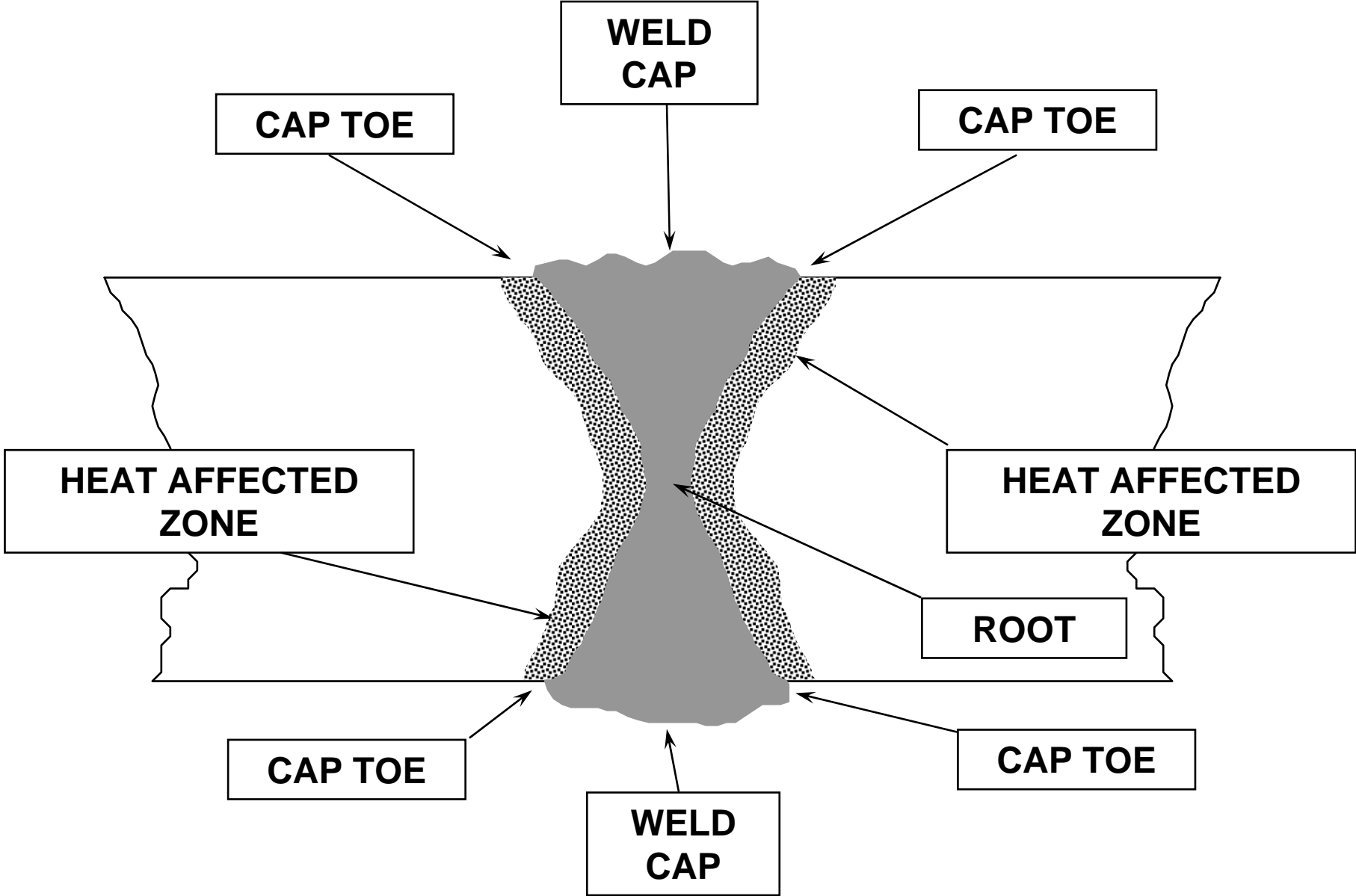
# PARTS OF A WELD (PREPARATION)



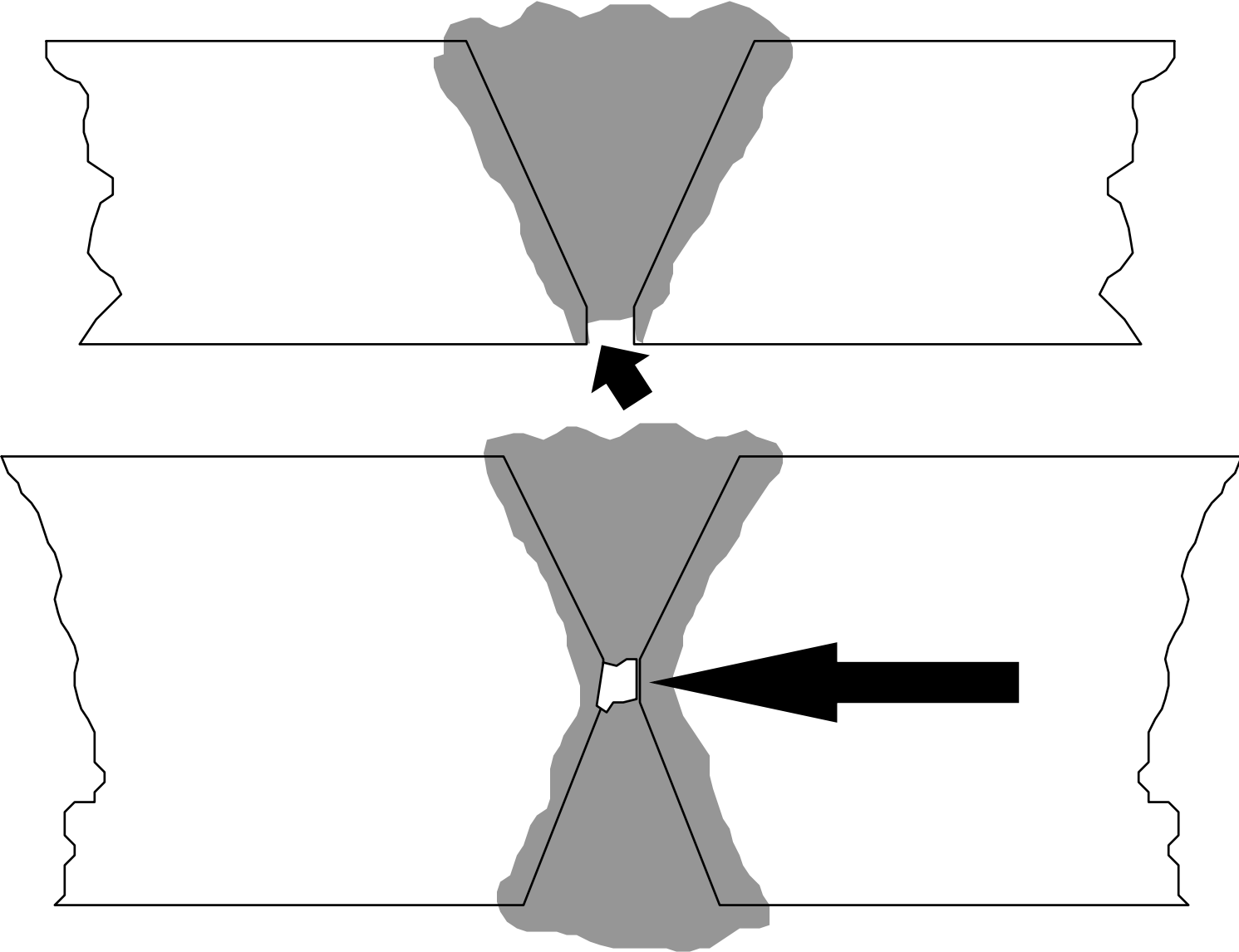
# PARTS OF A WELD (SINGLE SIDED)



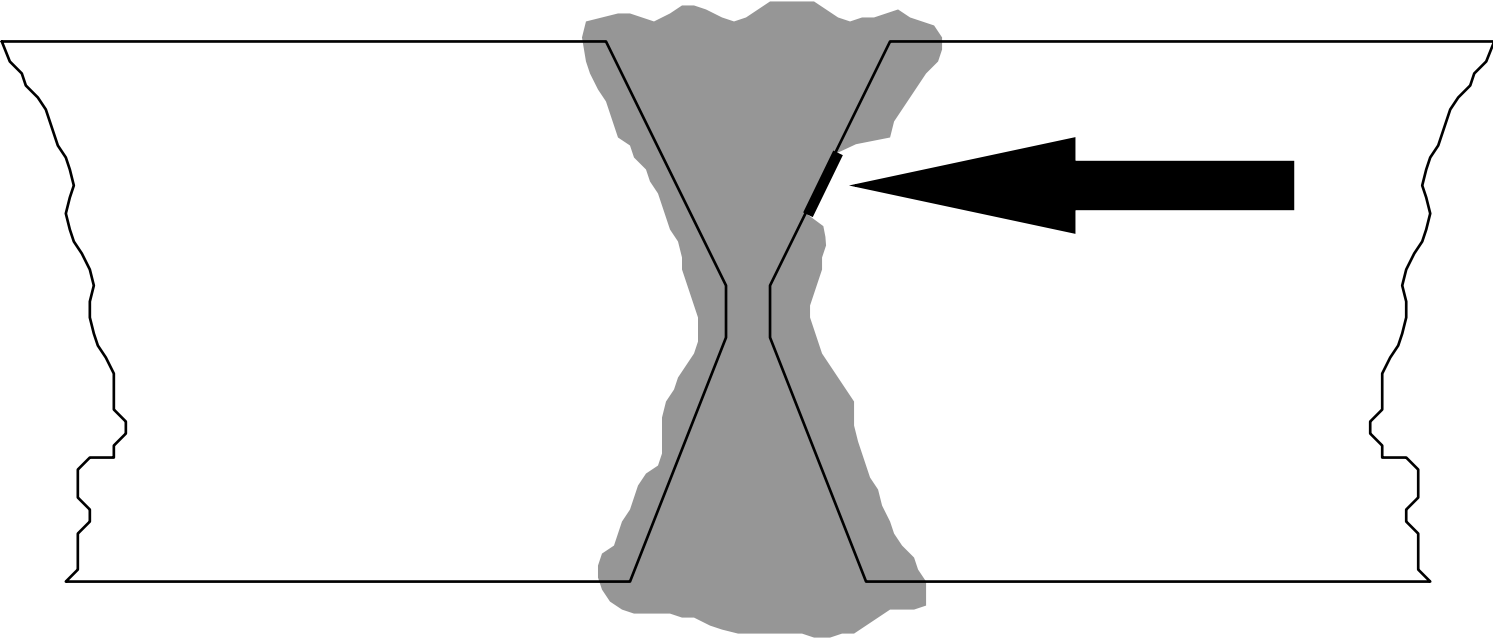
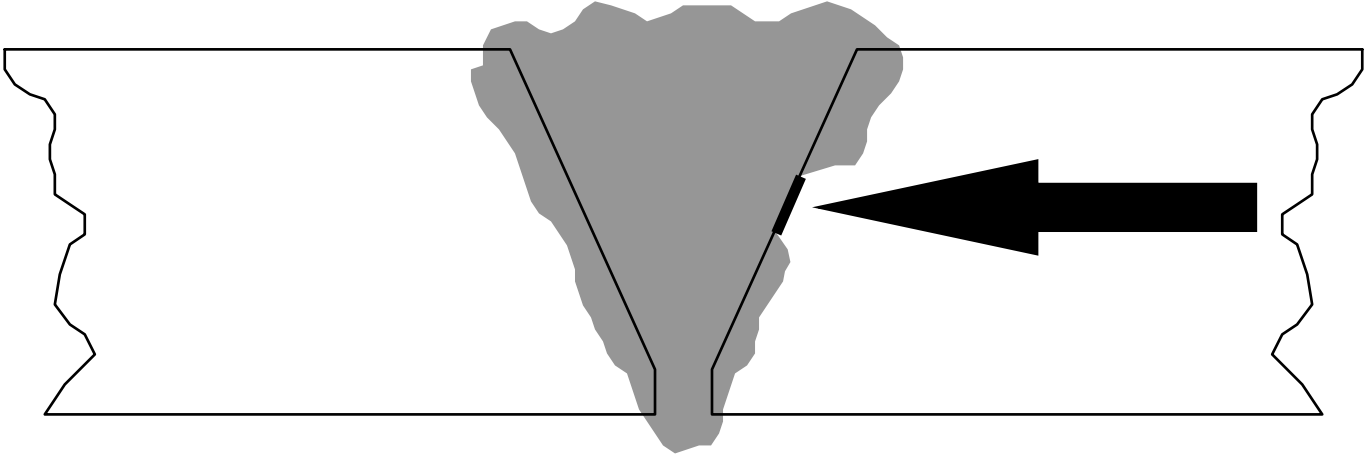
# PARTS OF A WELD (DOUBLE SIDED)



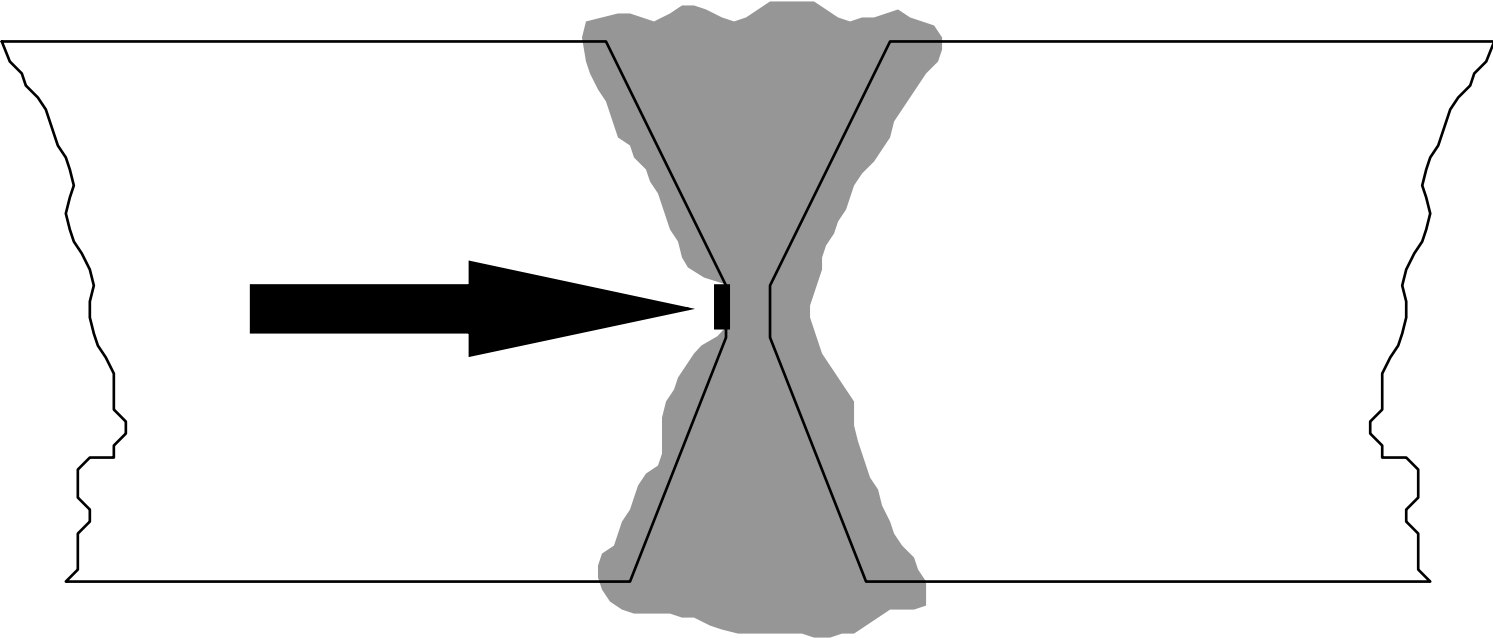
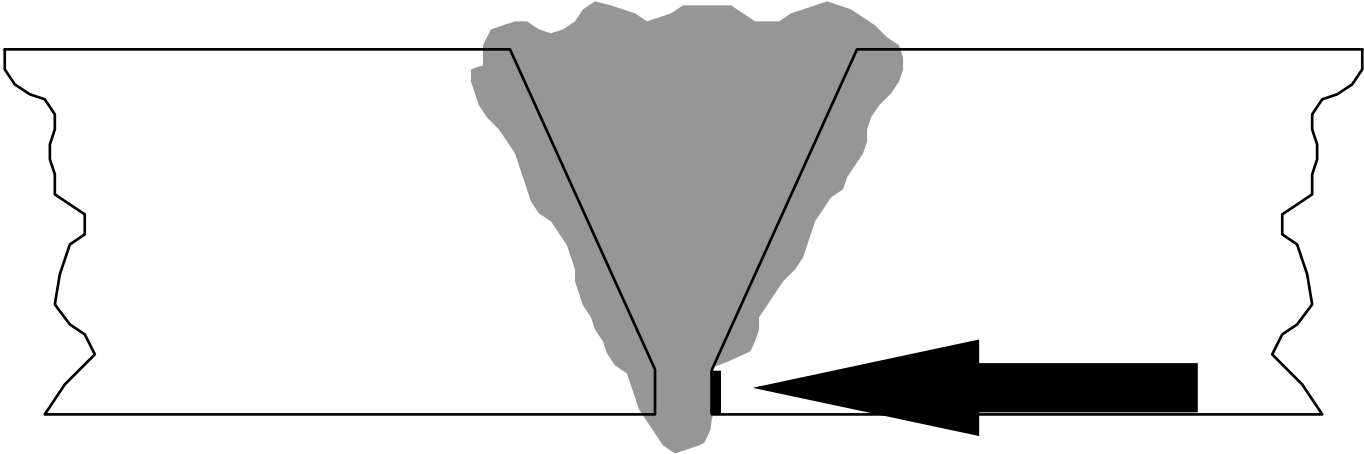
**FUSION DEFECTS: LACK OF PENETRATION**



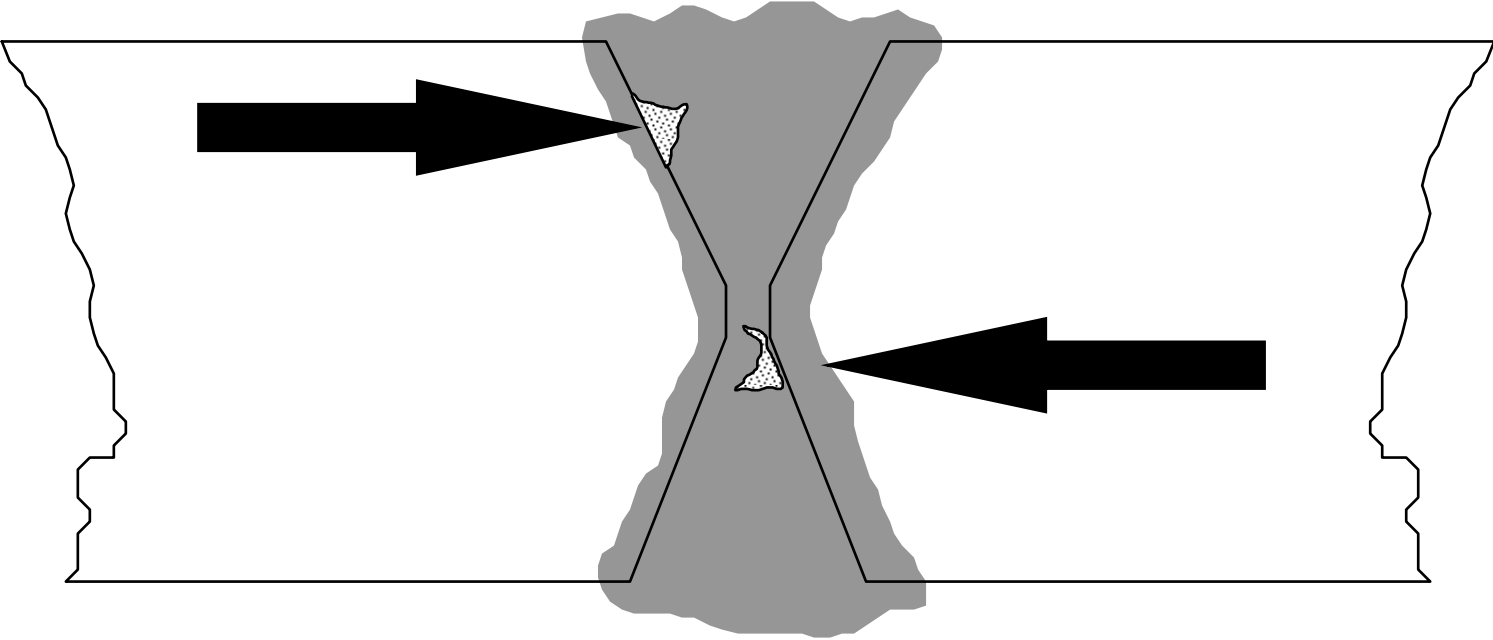
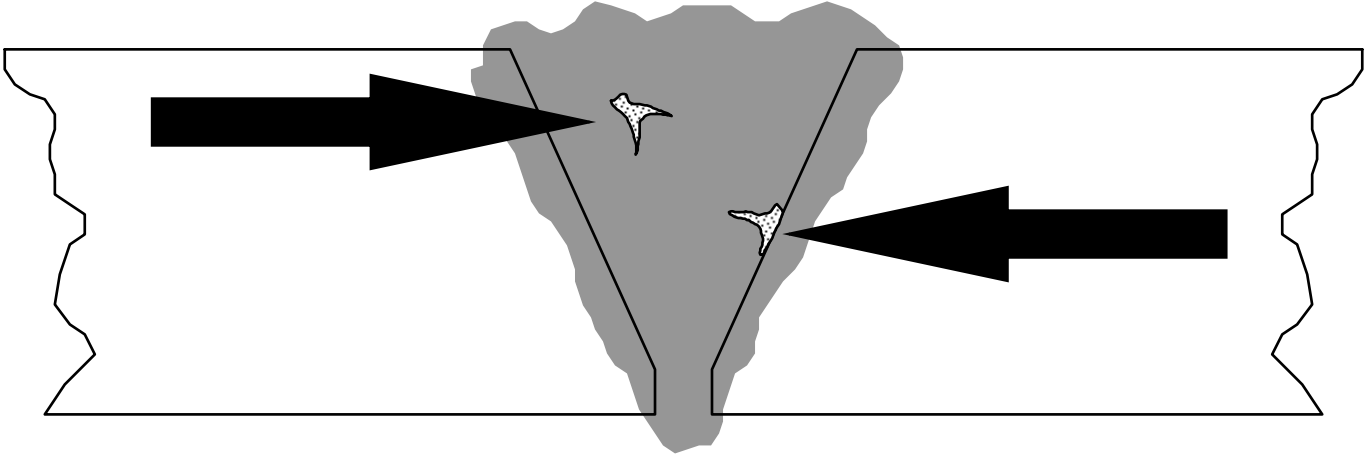
**FUSION DEFECTS: LACK OF SIDEWALL FUSION**



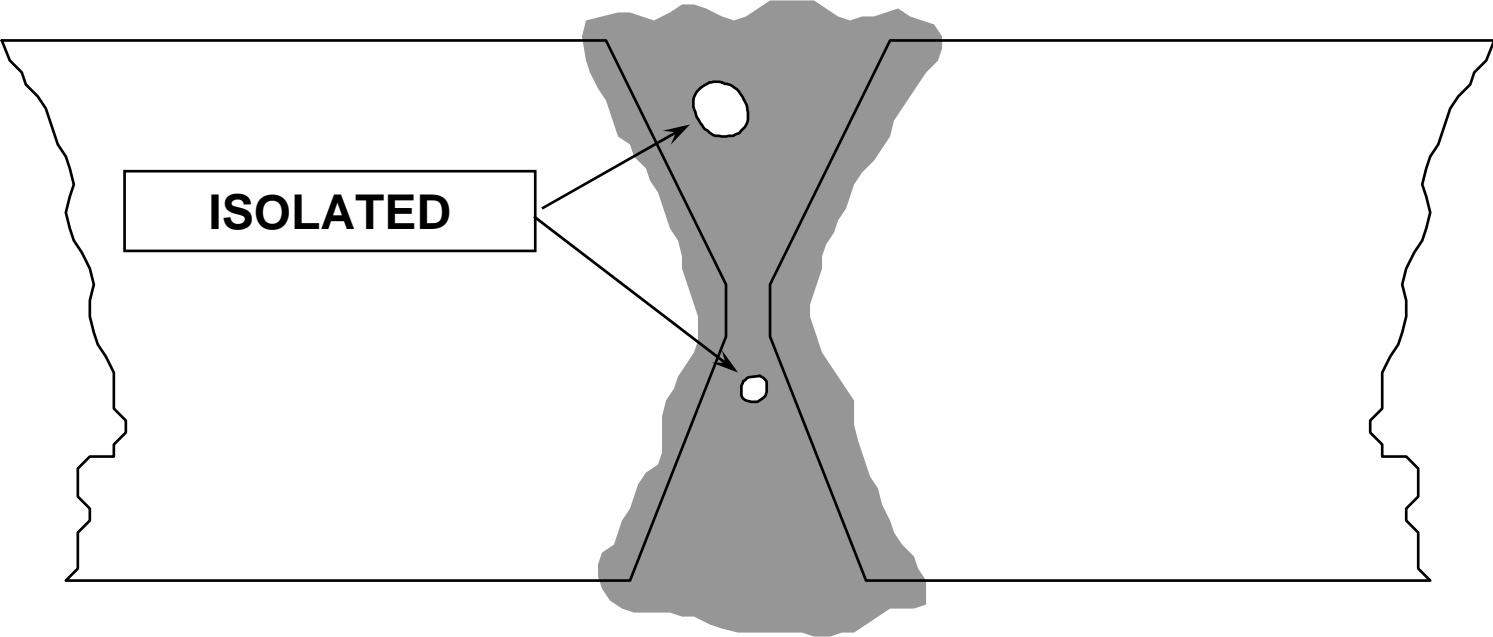
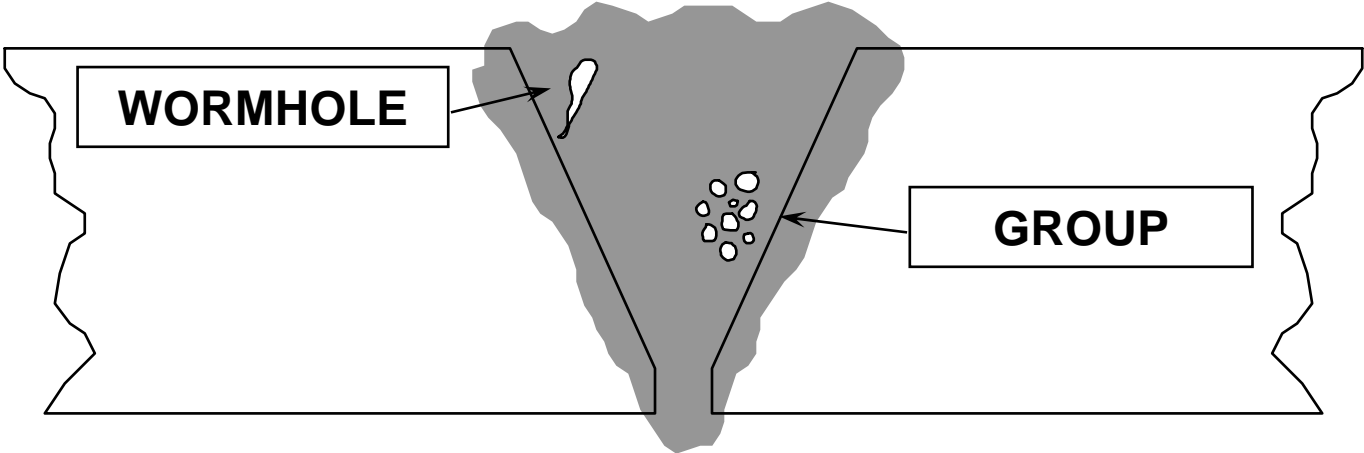
**FUSION DEFECTS: LACK OF ROOT FUSION**



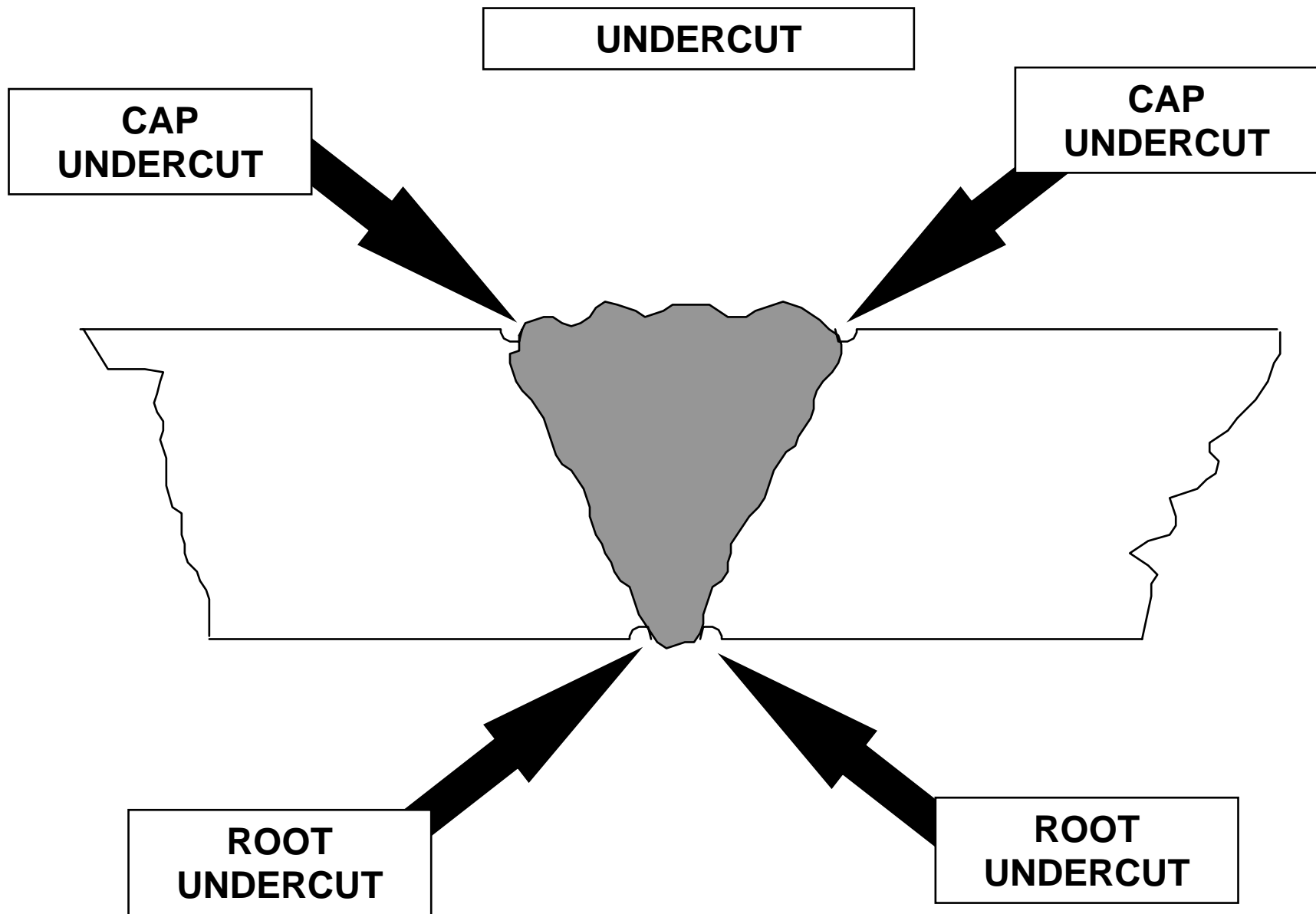
**SLAG INCLUSIONS**



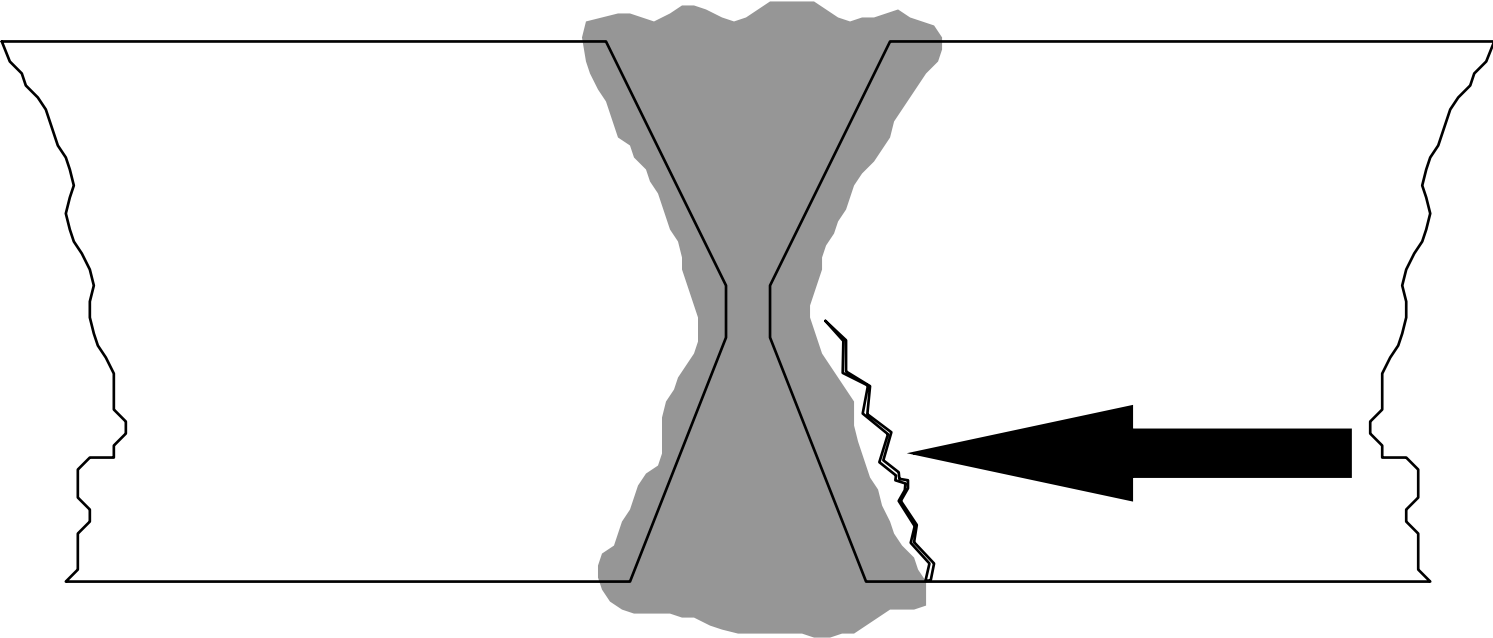
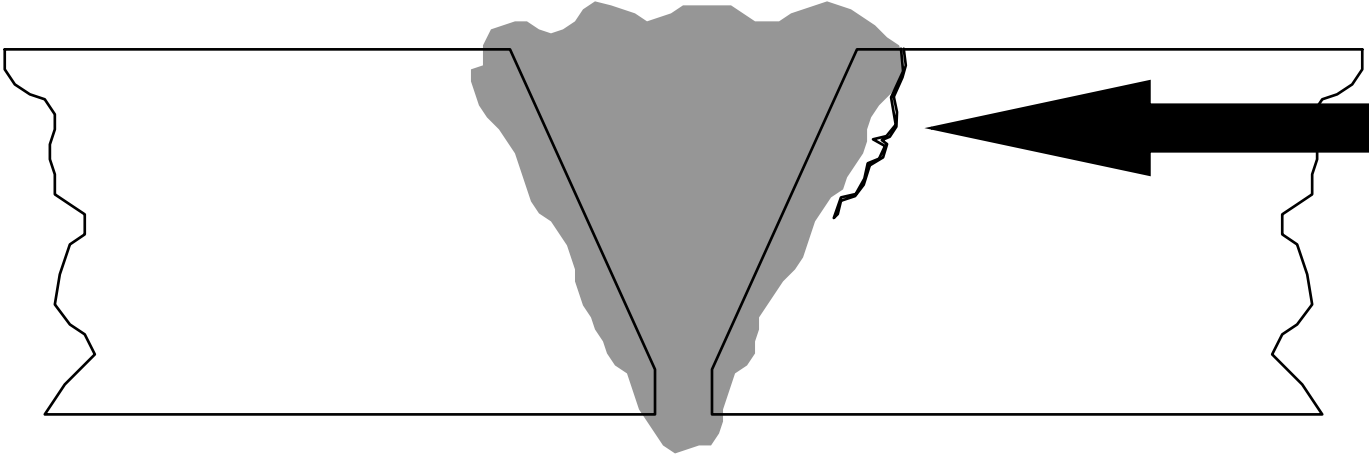
**GAS POROSITY**



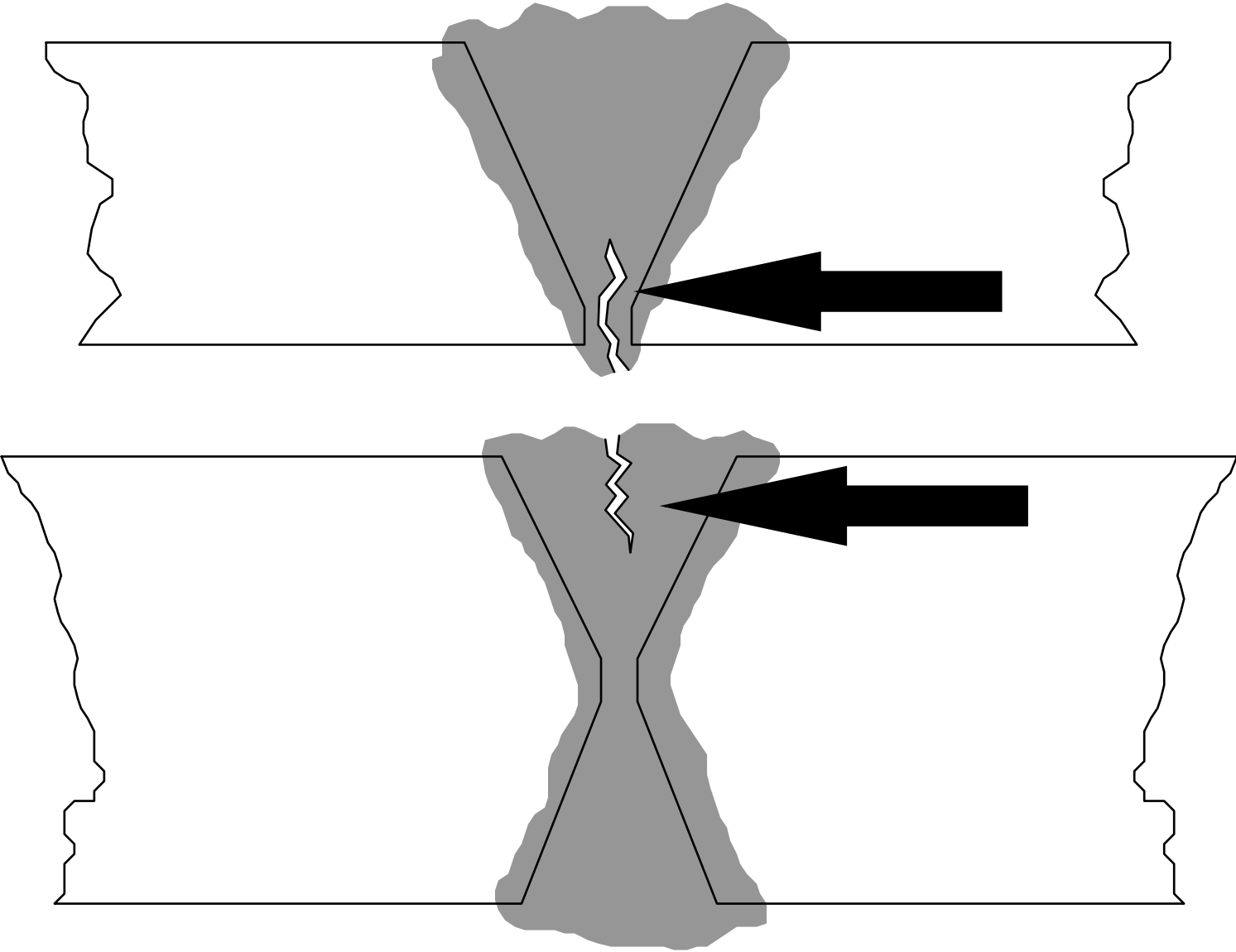




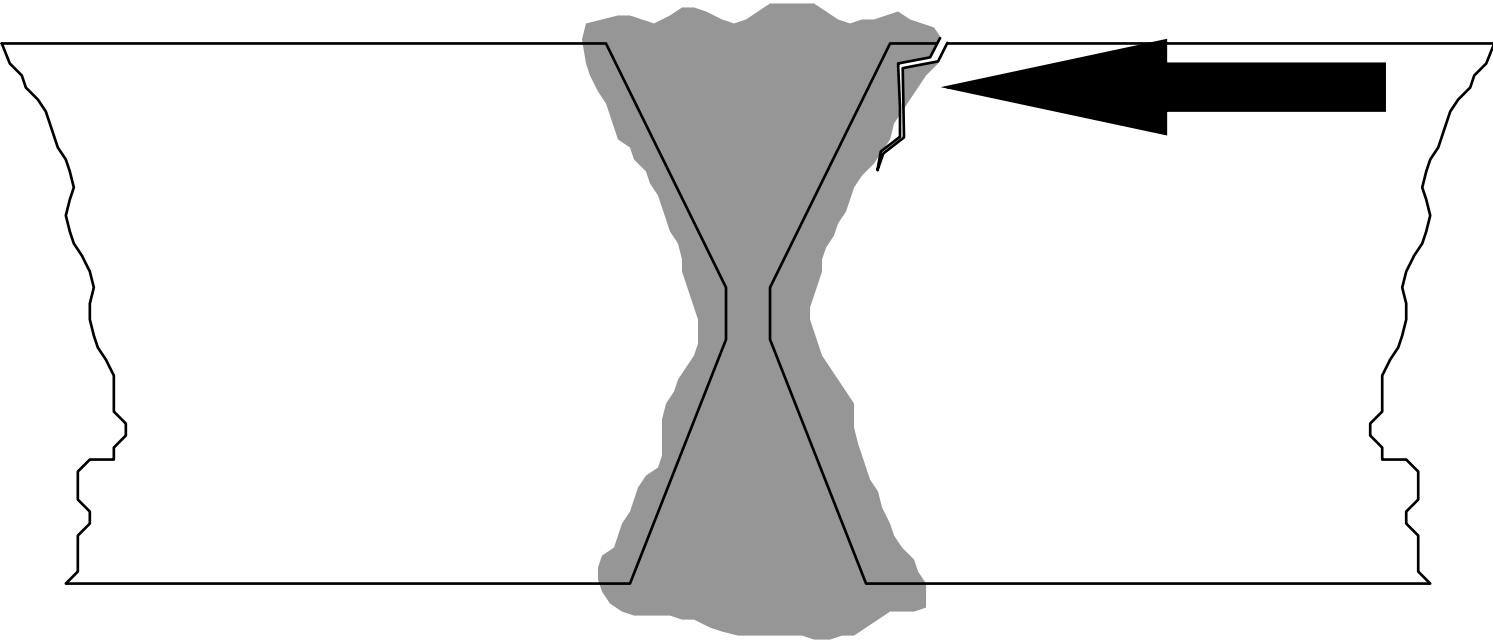
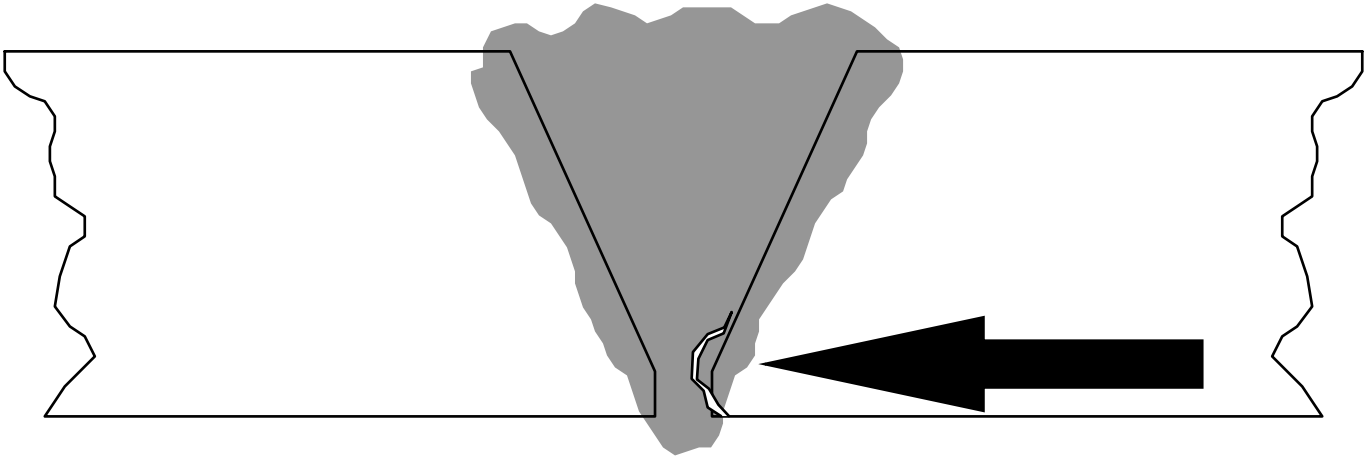
**HEAT AFFECTED ZONE CRACK**



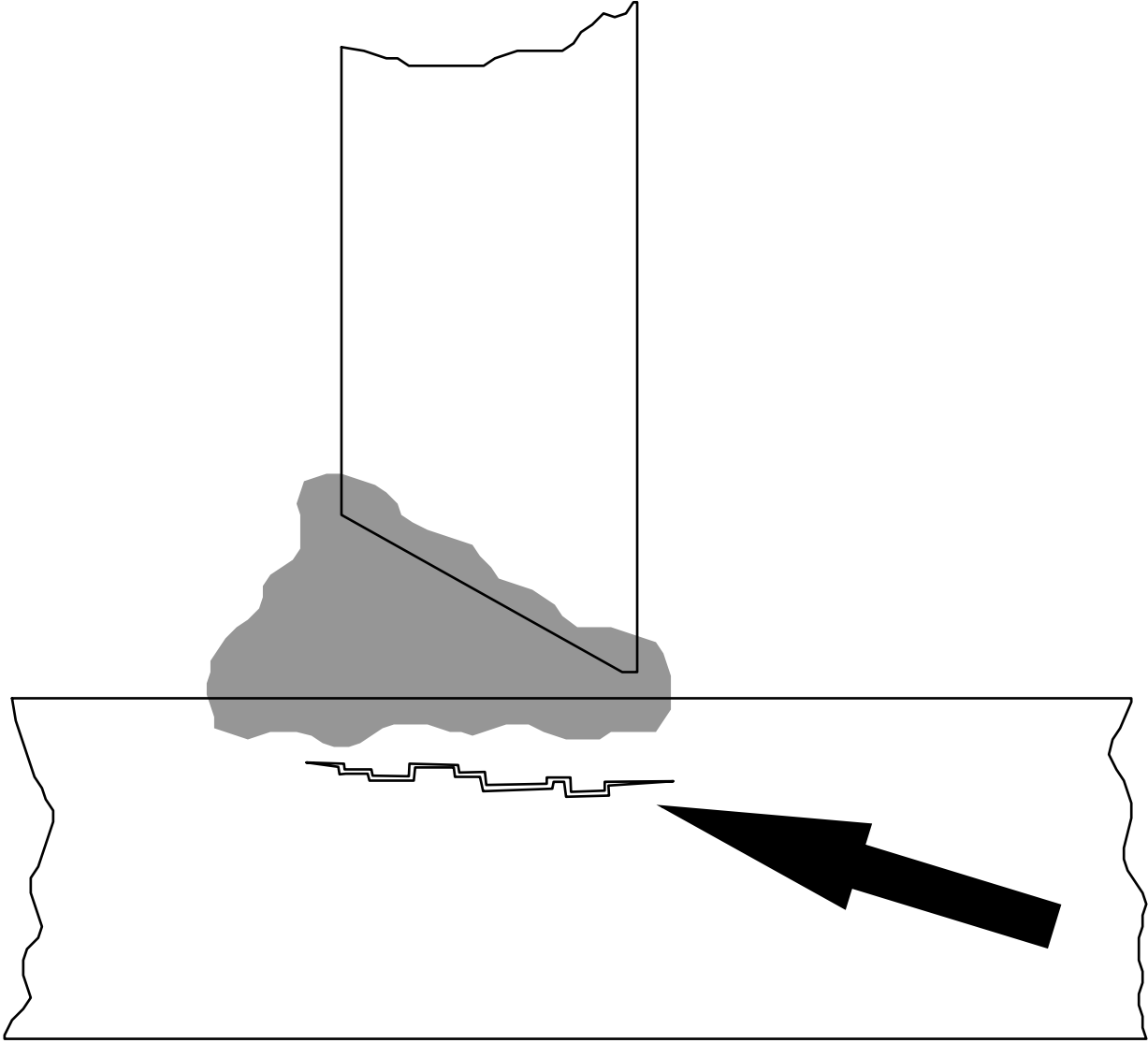
**CENTRELINE CRACK**



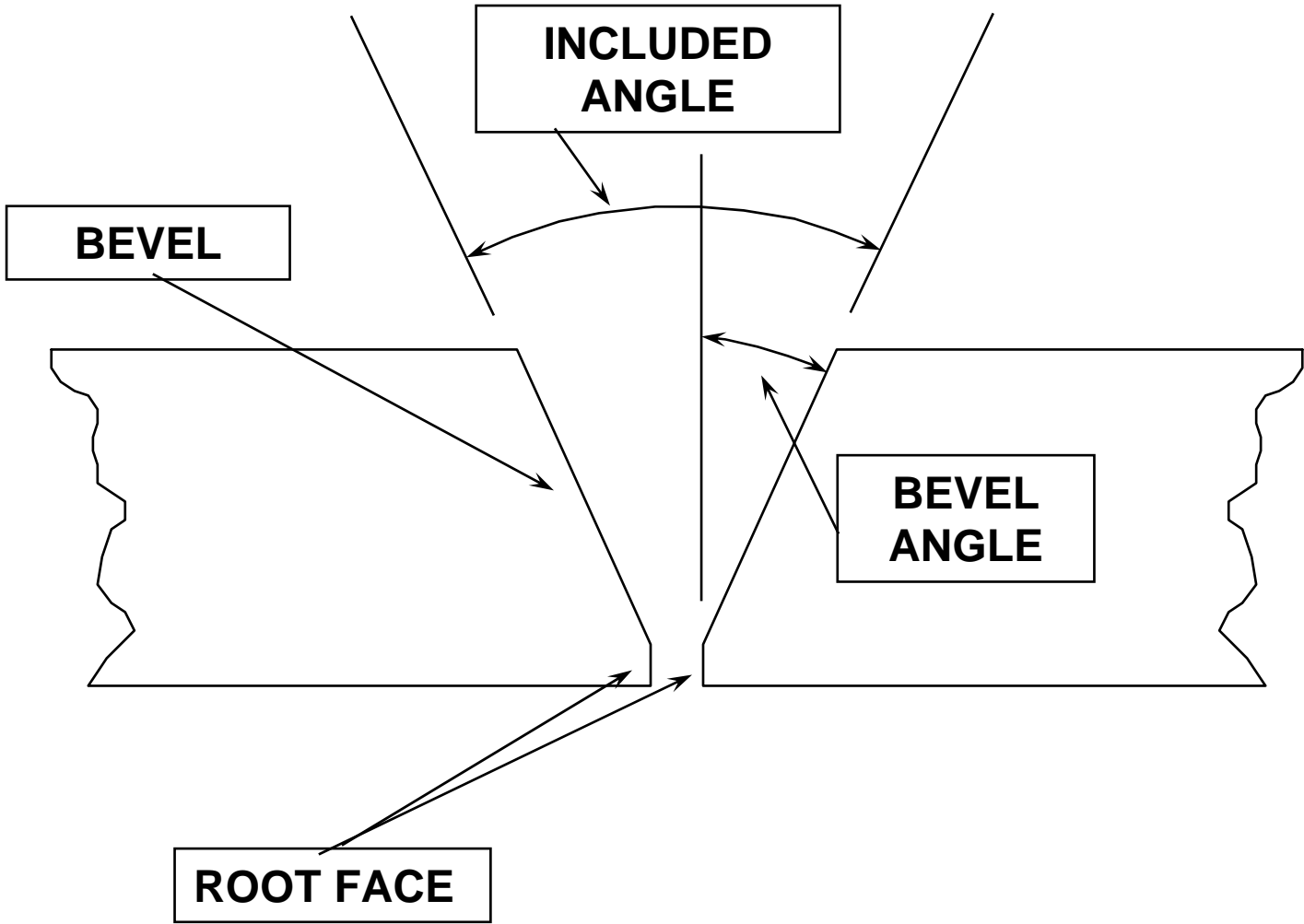
**TOE CRACK**



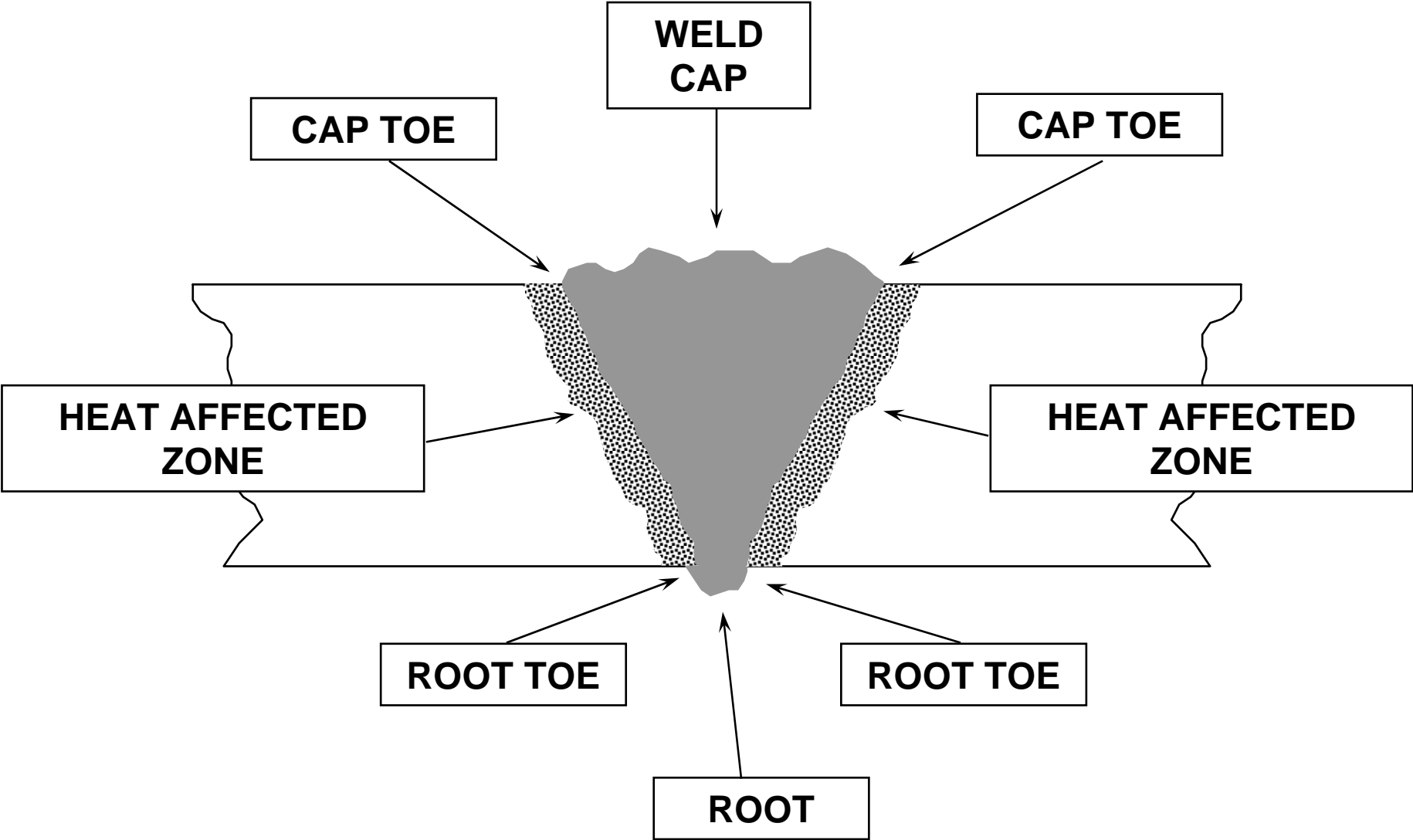
LAMELLAR TEAR



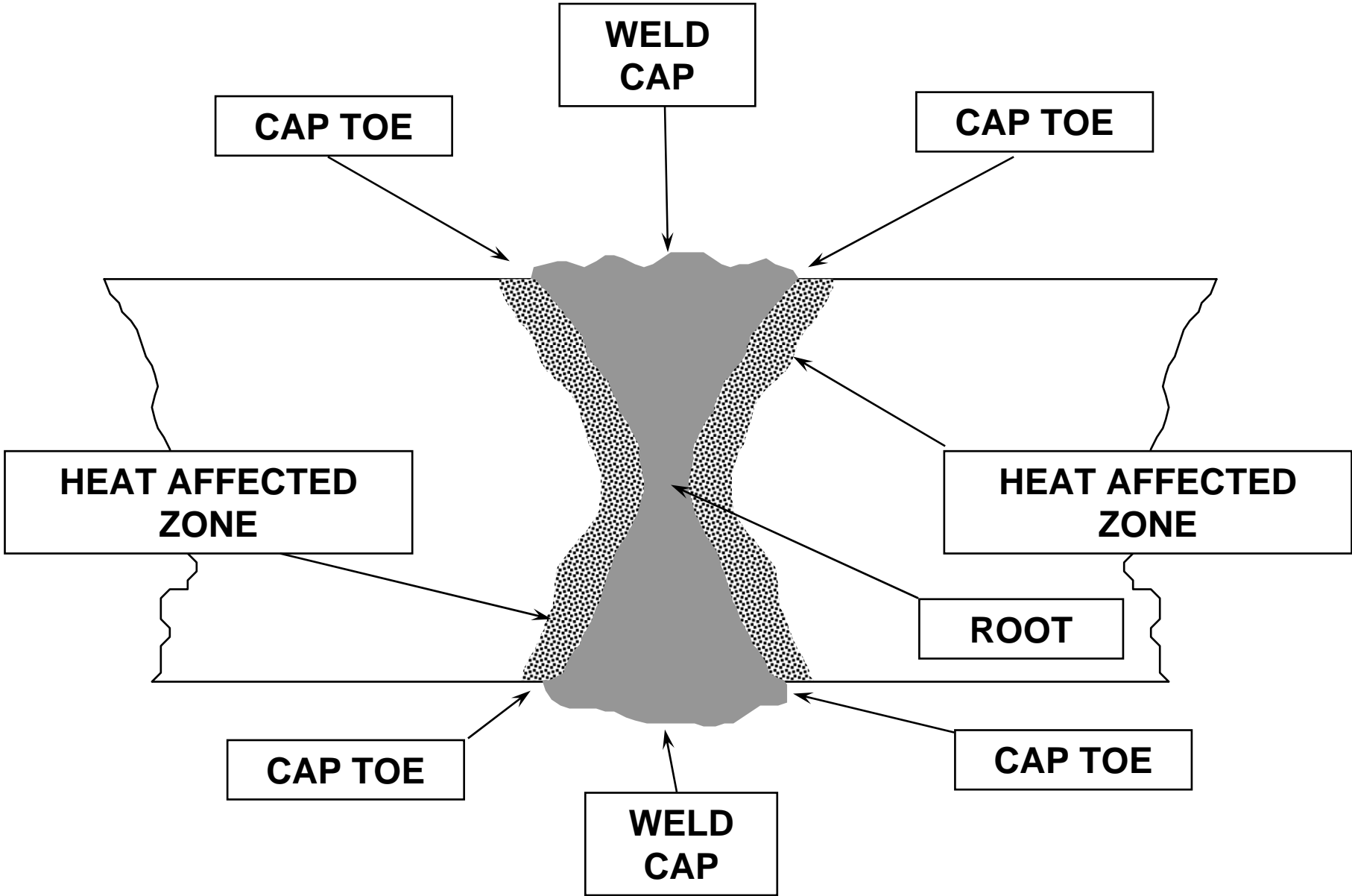
# PARTS OF A WELD (PREPARATION)



# PARTS OF A WELD (SINGLE SIDED)

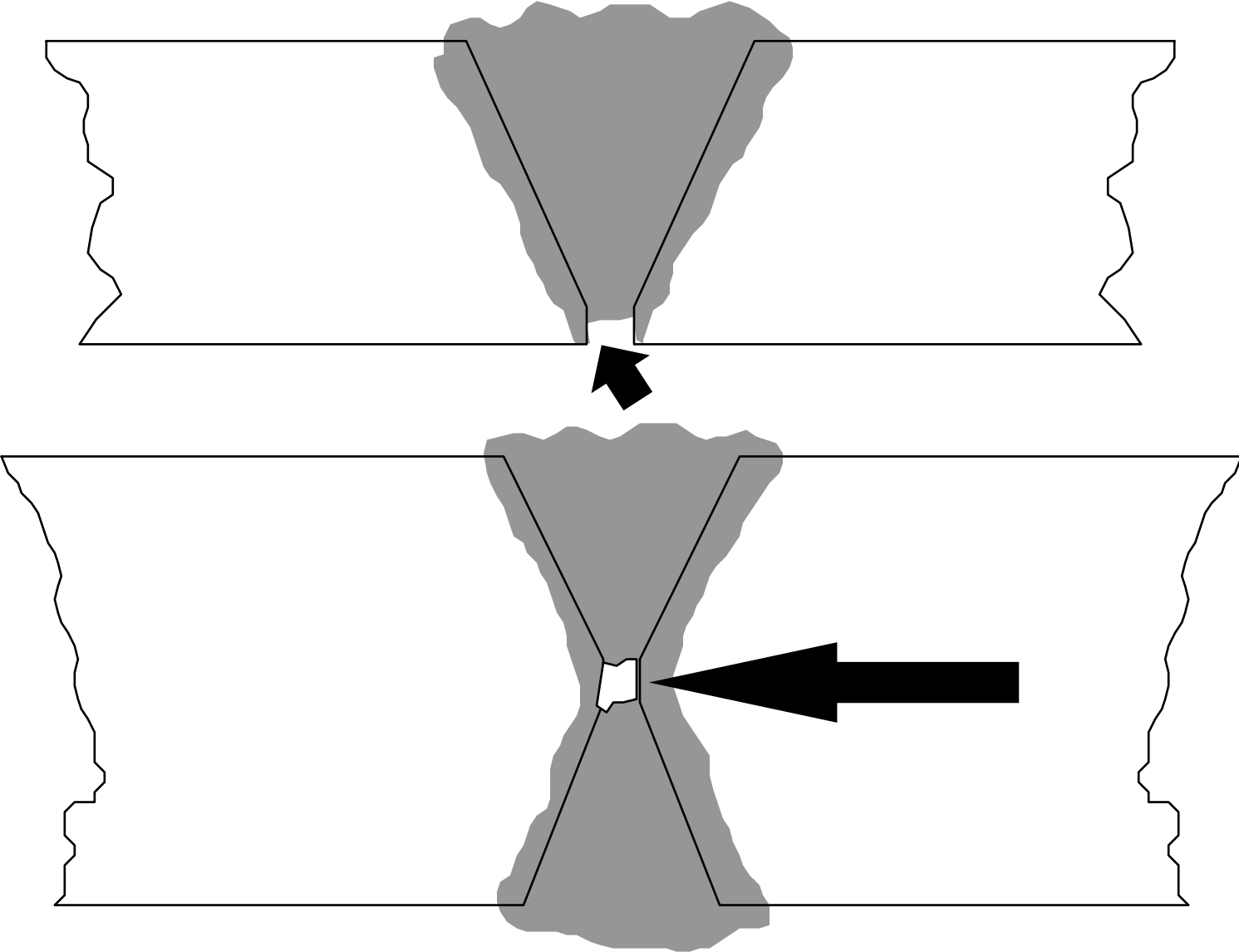


# PARTS OF A WELD (DOUBLE SIDED)

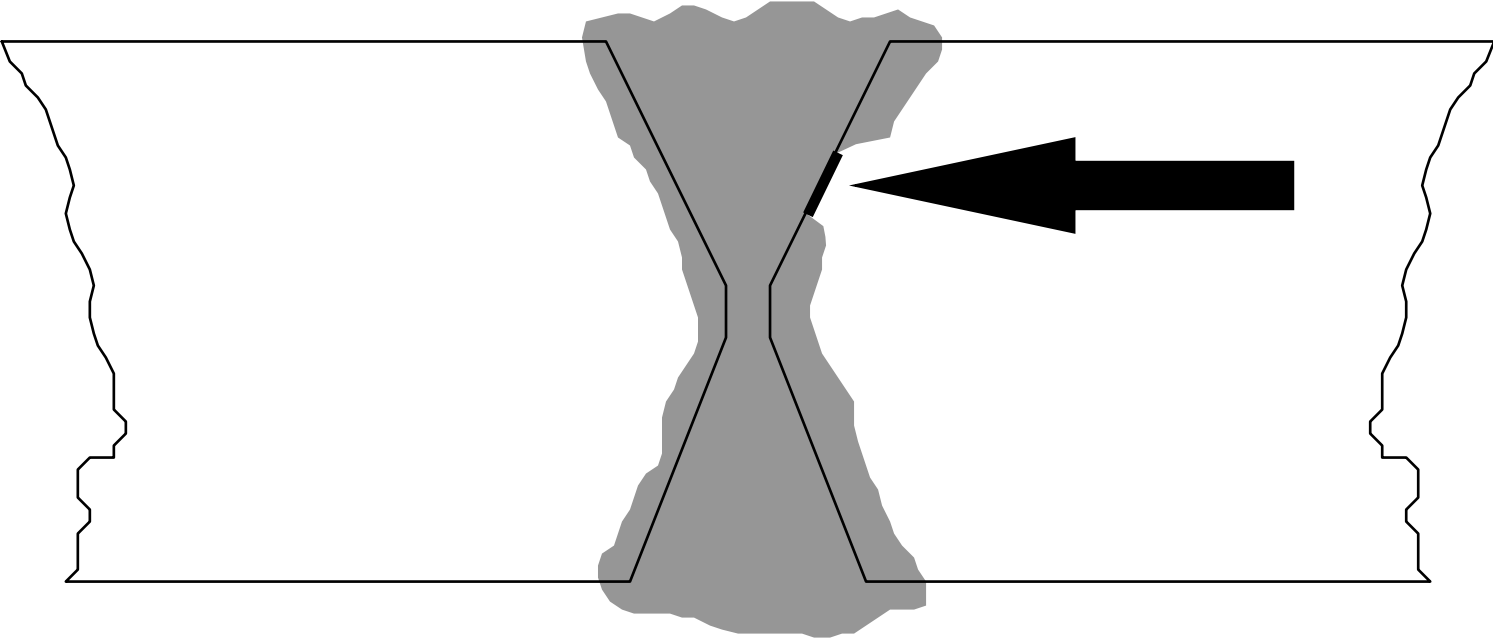
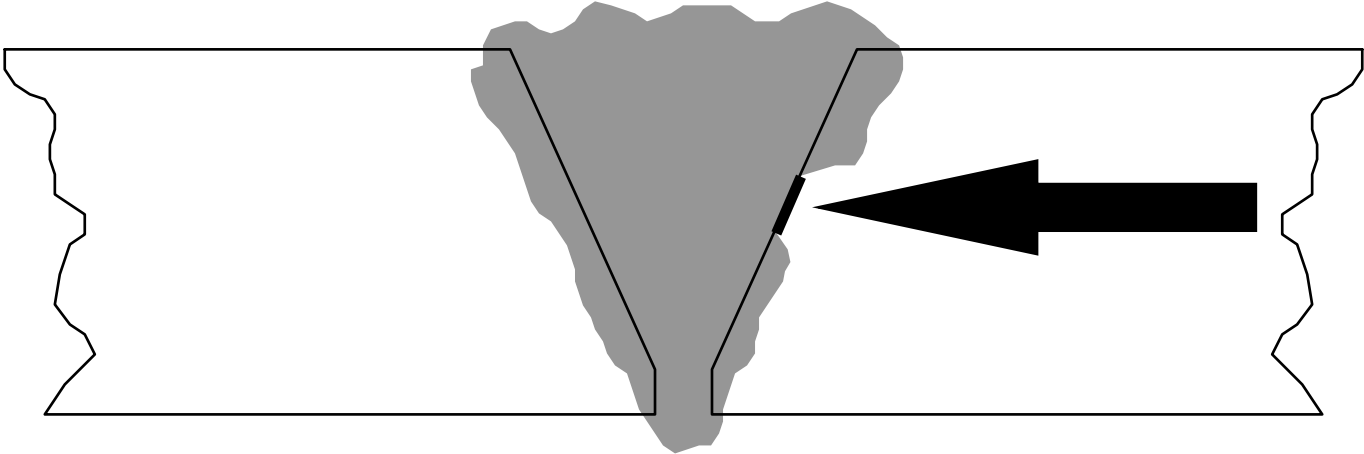




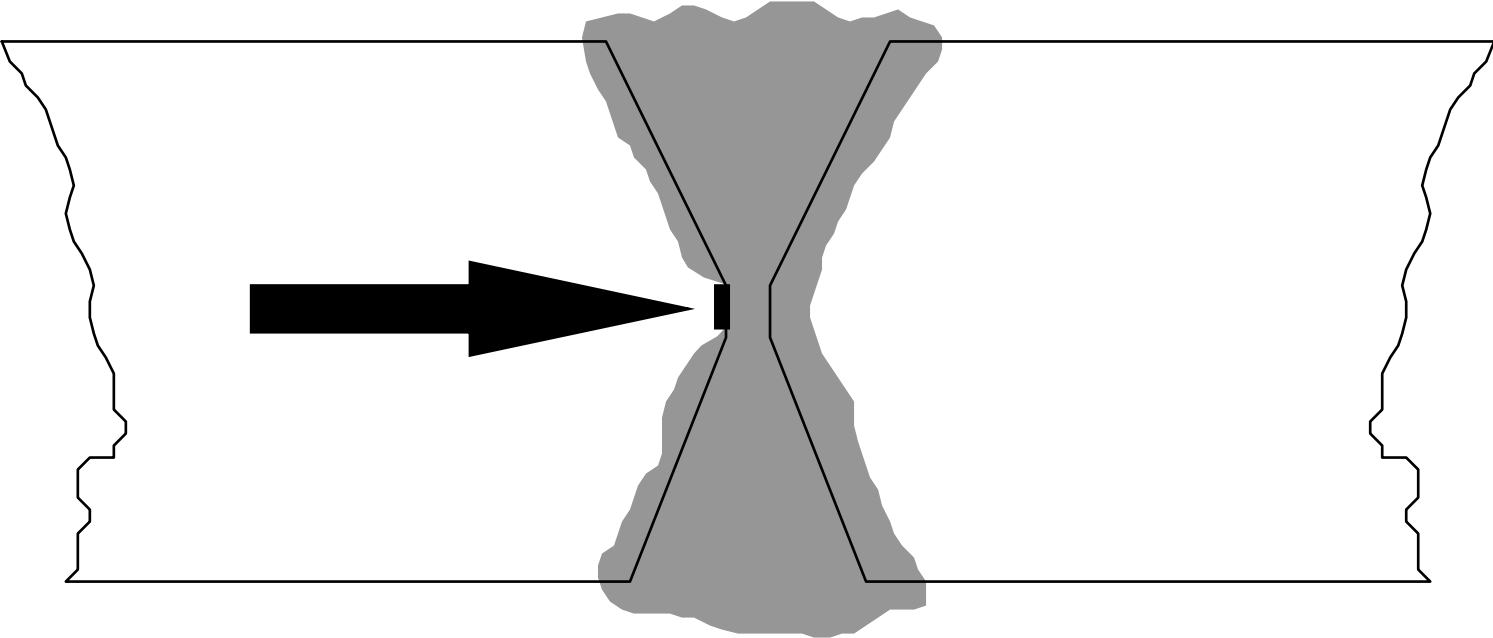
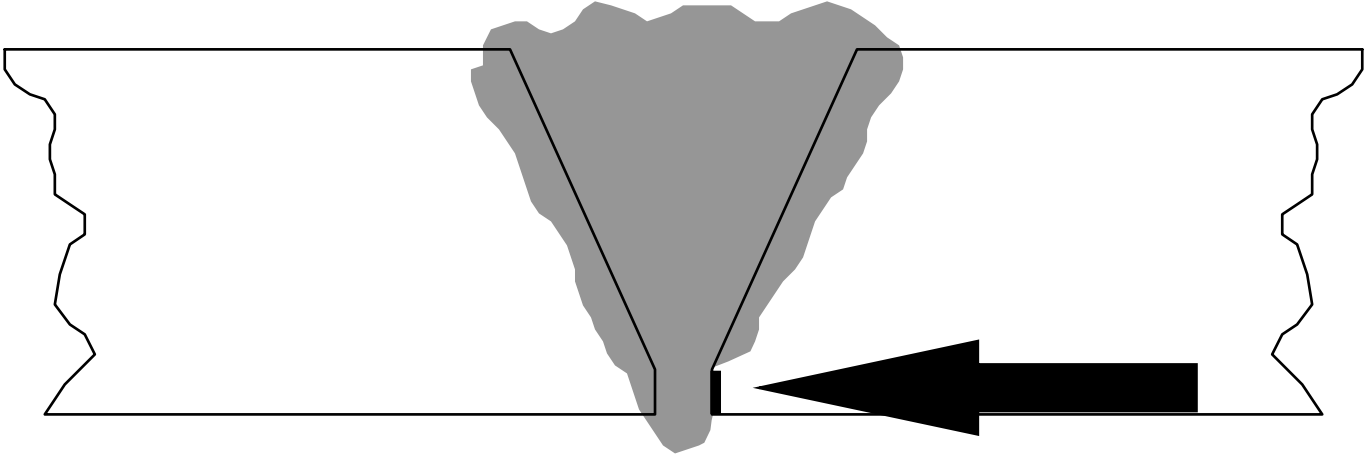
**FUSION DEFECTS: LACK OF PENETRATION**



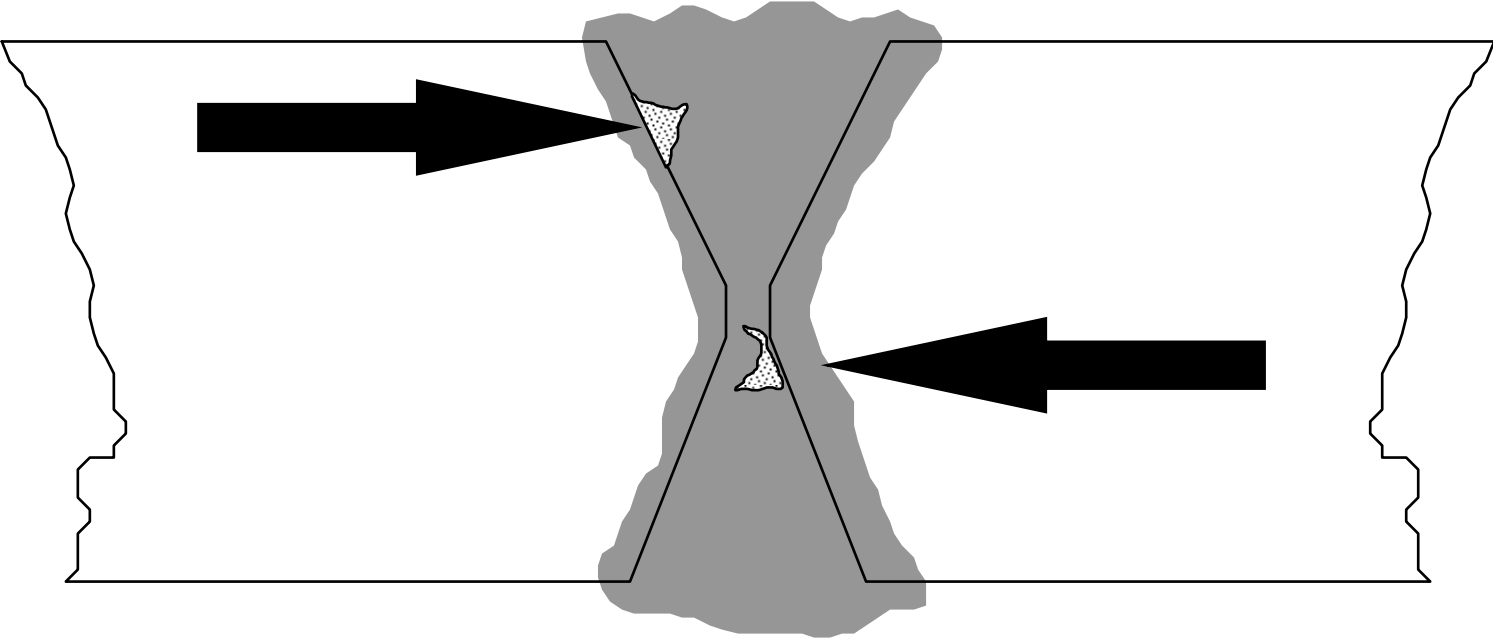
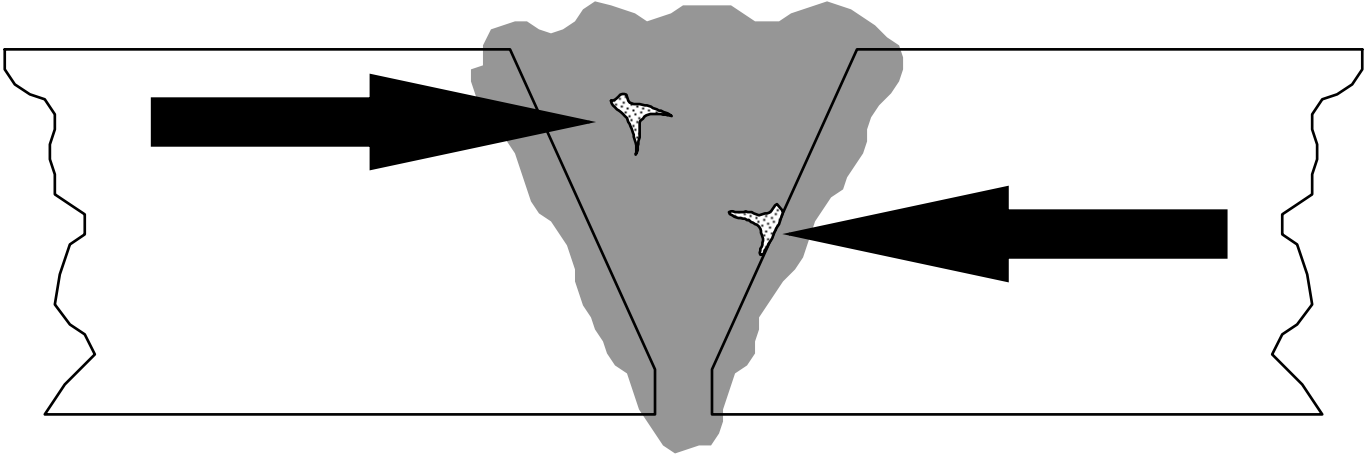
**FUSION DEFECTS: LACK OF SIDEWALL FUSION**



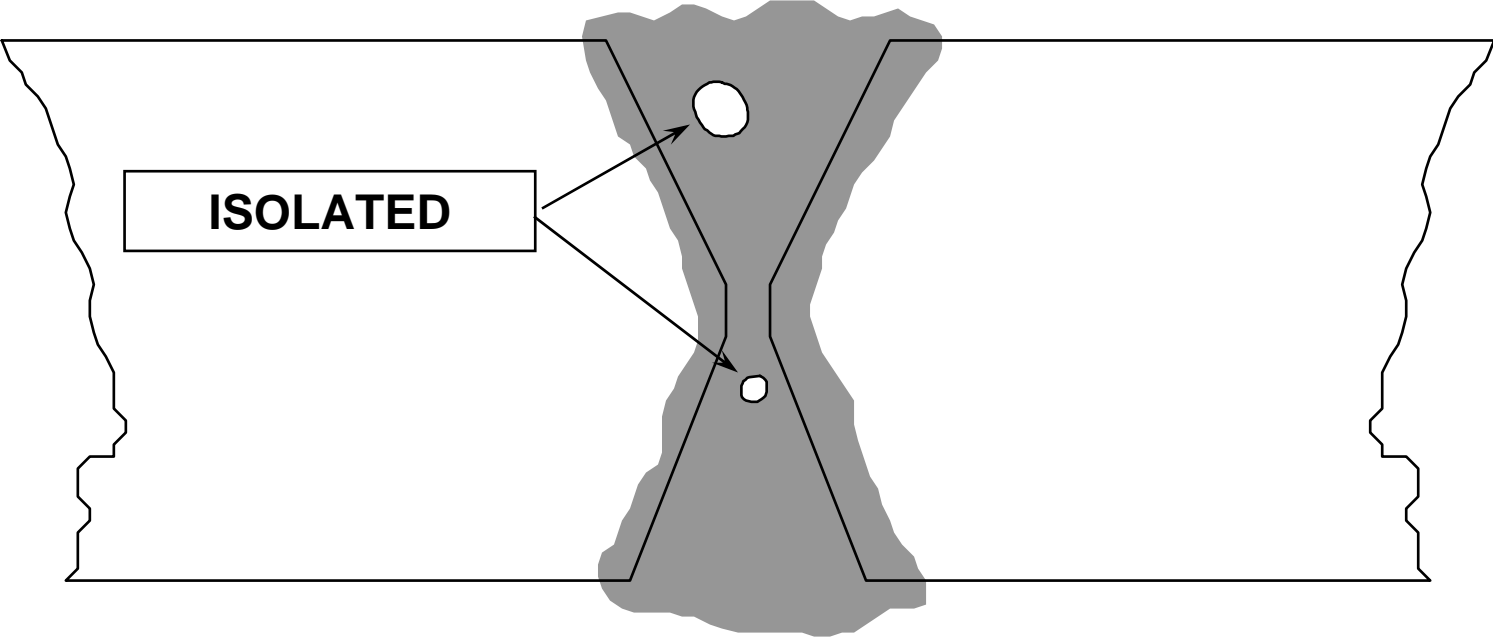
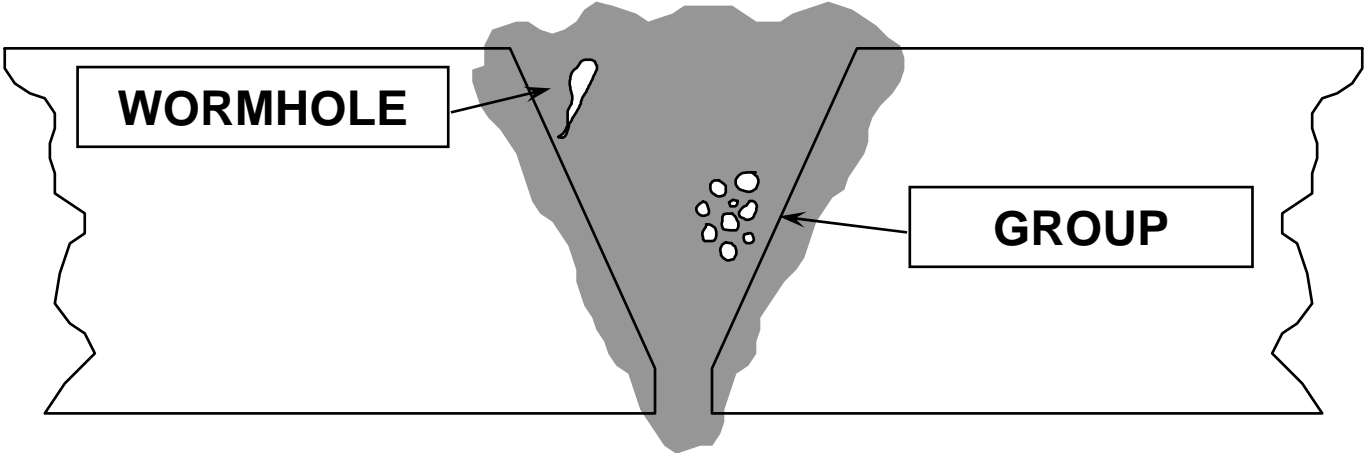
**FUSION DEFECTS: LACK OF ROOT FUSION**

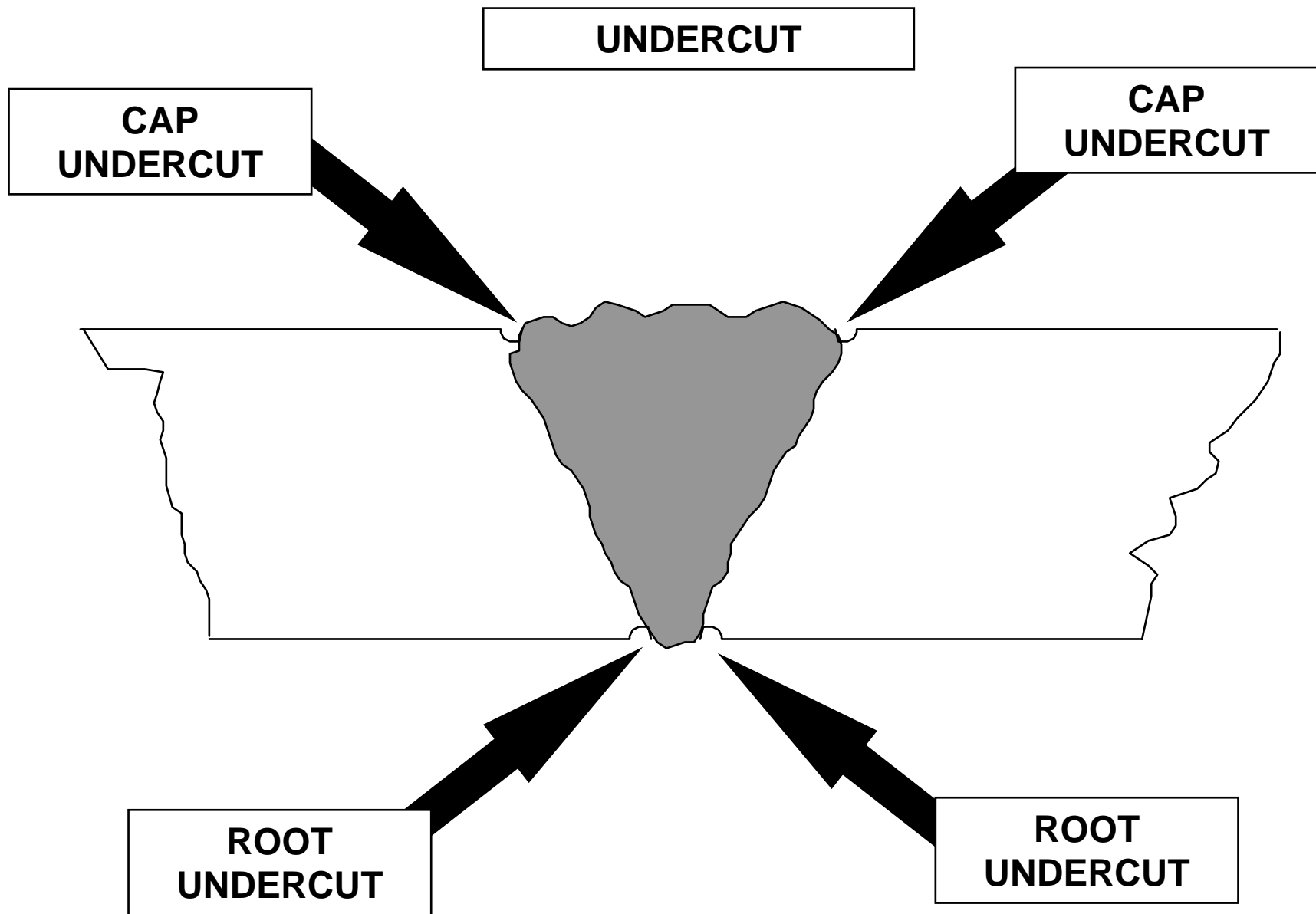


**SLAG INCLUSIONS**

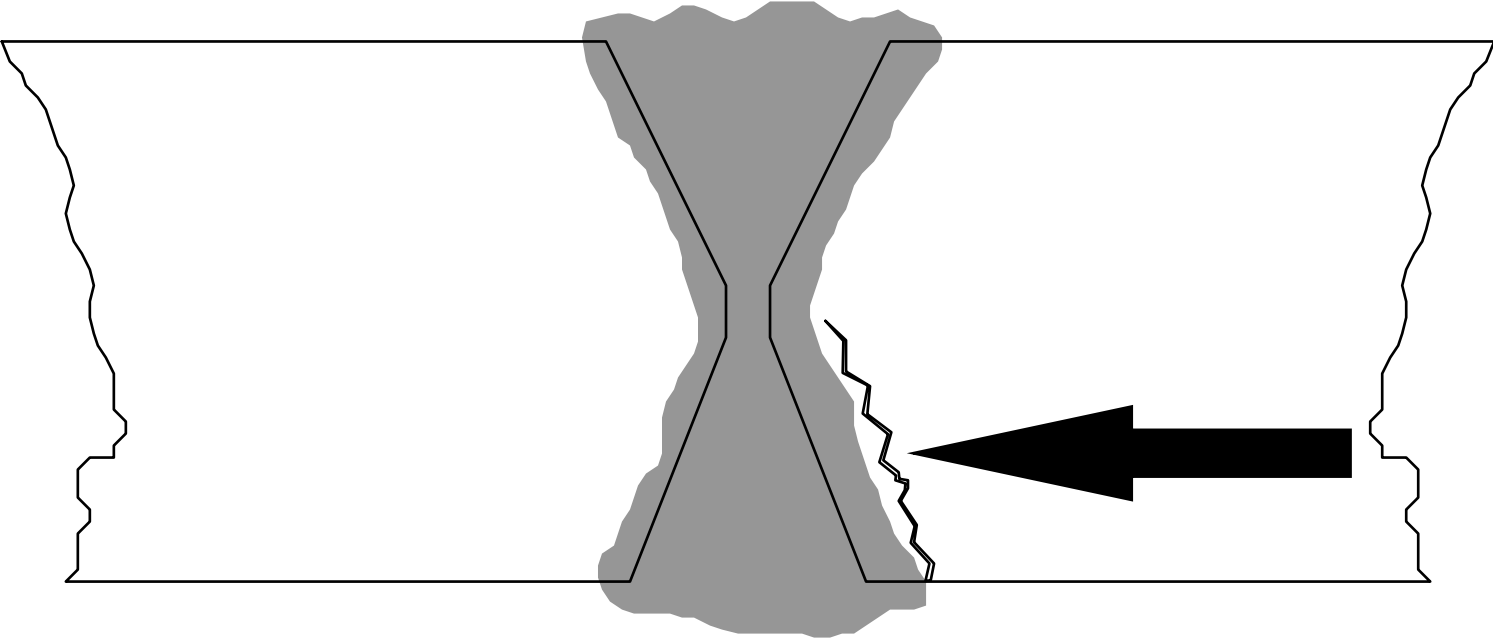
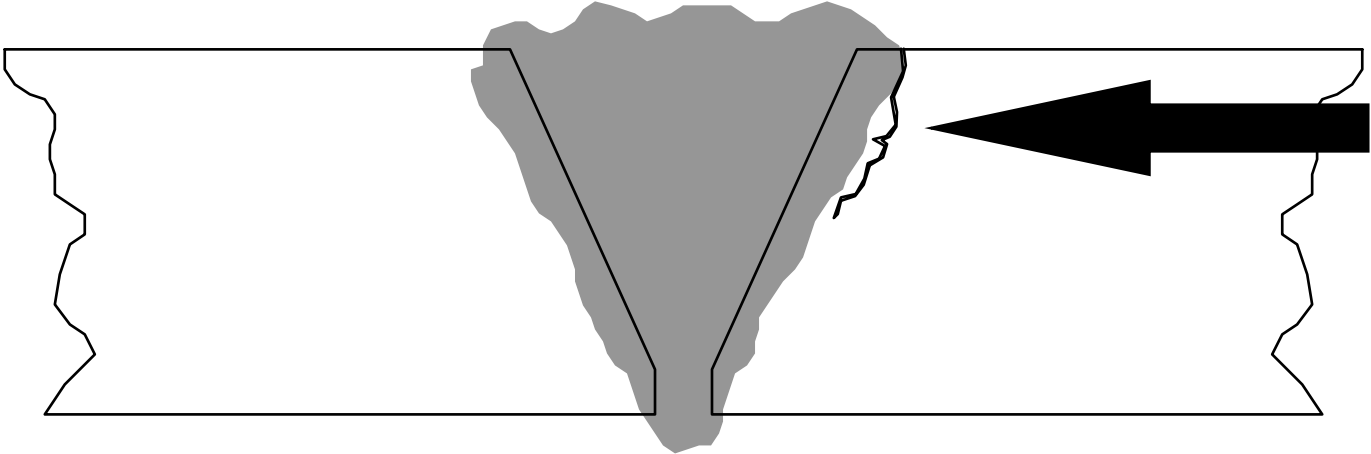


**GAS POROSITY**

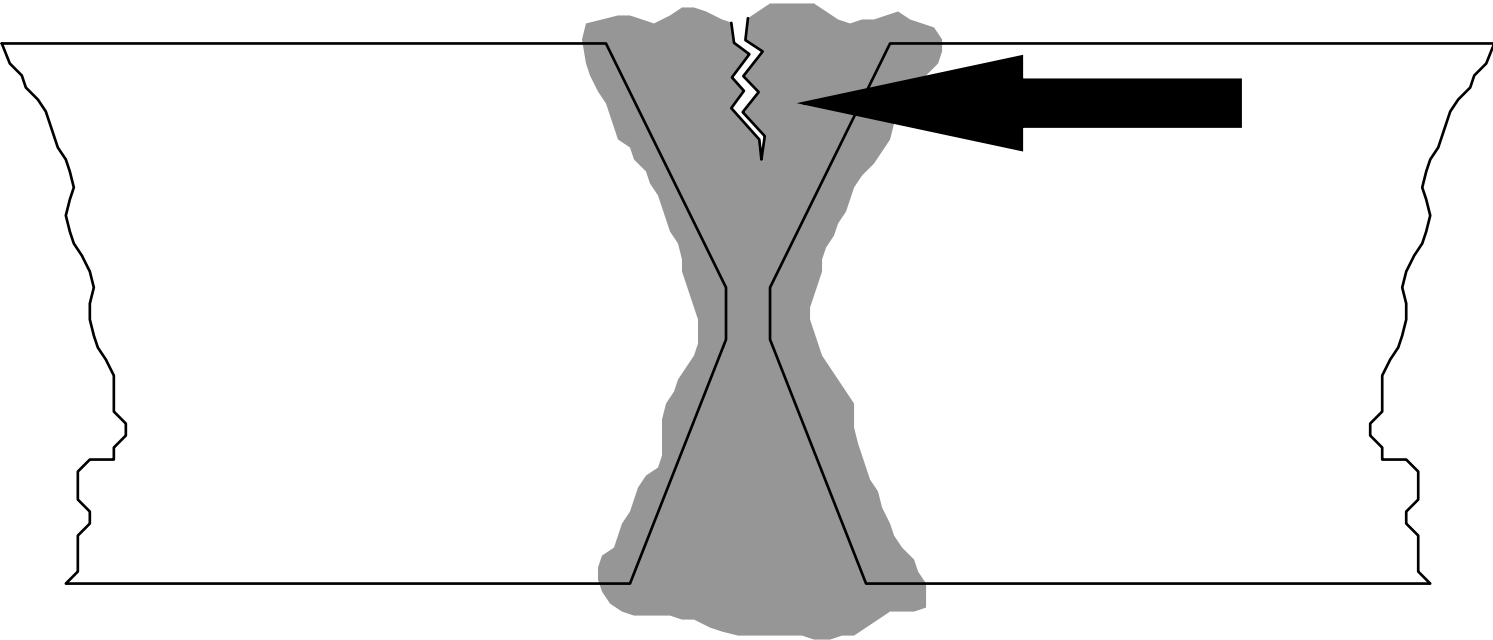
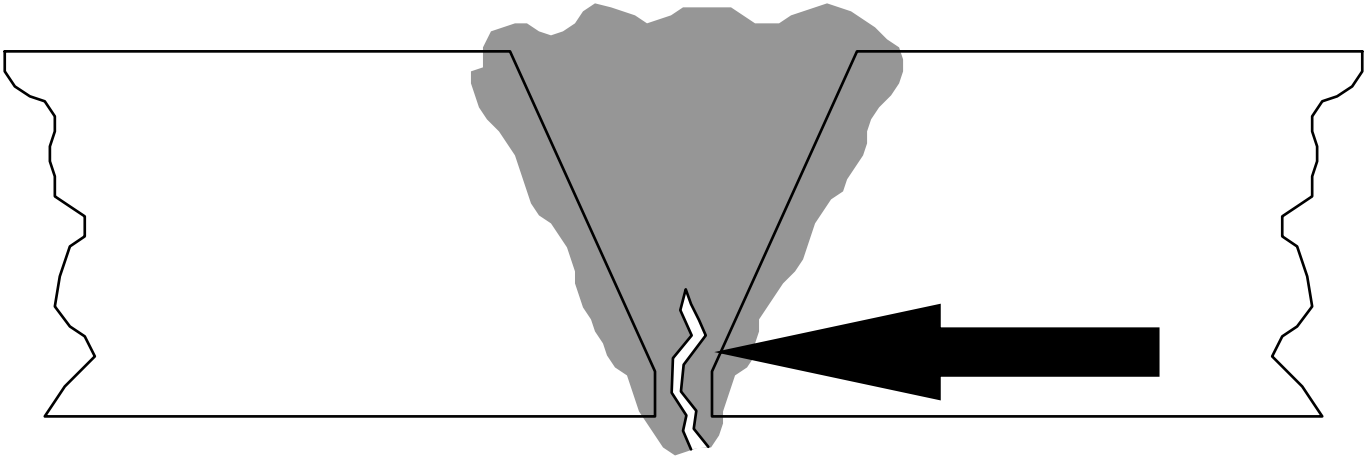




**HEAT AFFECTED ZONE CRACK**

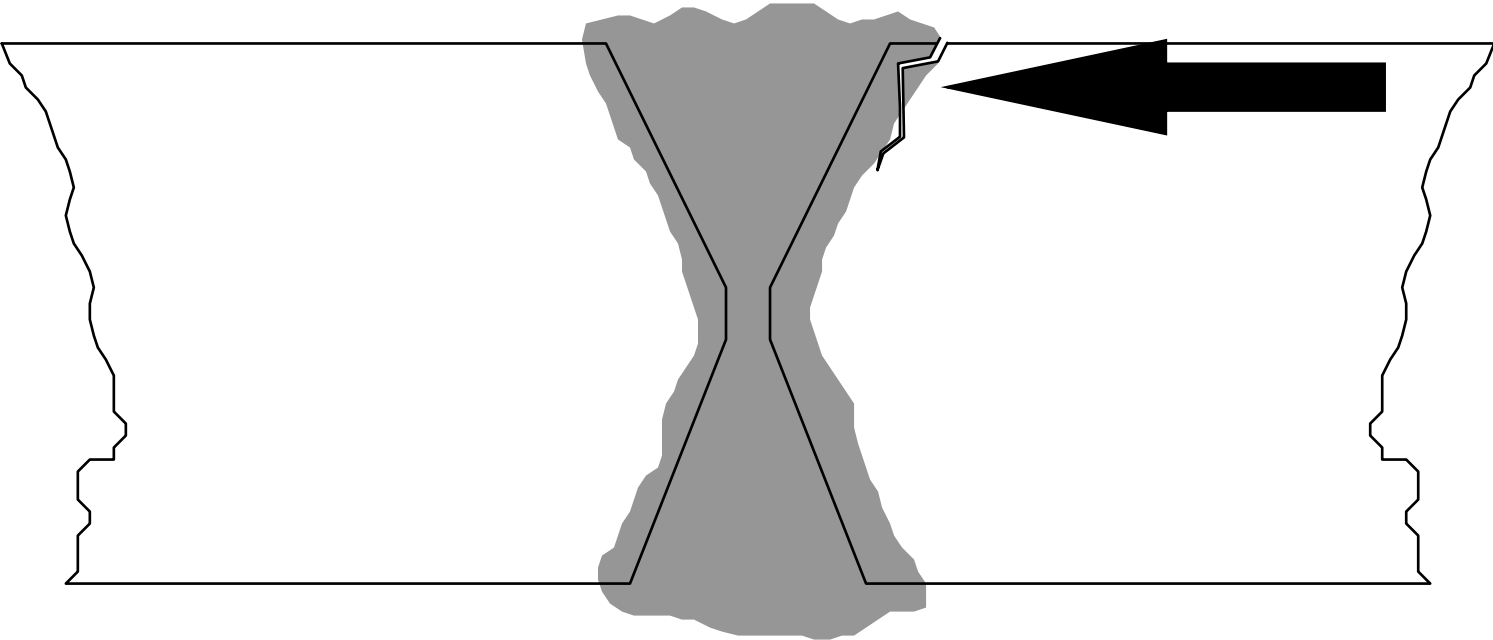
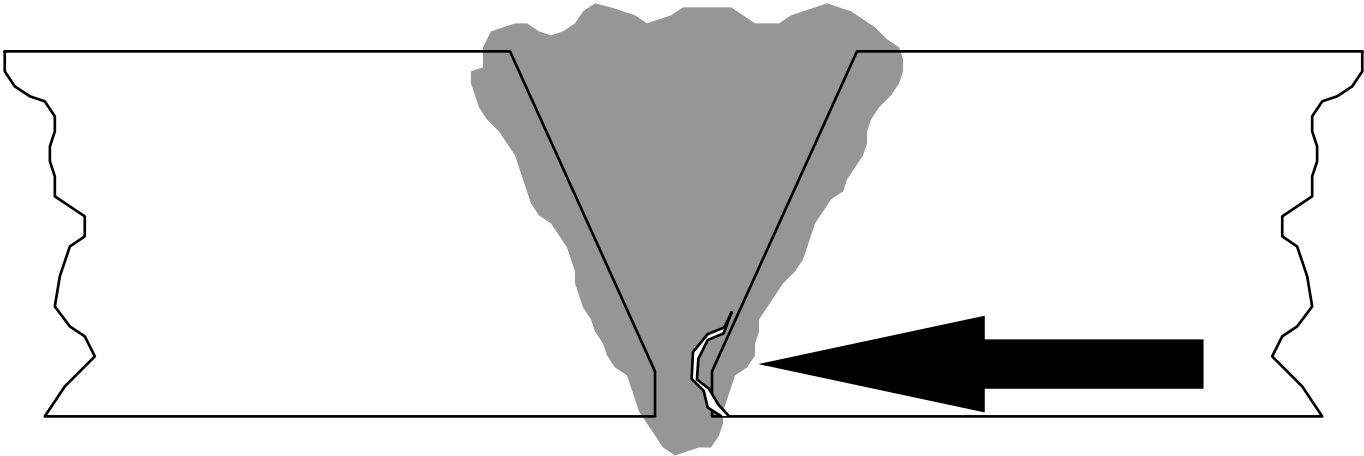


**CENTRELINE CRACK**





**TOE CRACK**



LAMELLAR TEAR

