

Hose Connector Type ECOVOS

Fig. 1: Excessive crimping, maximum reduction of nipple diameter exceeded

The inside nipple diameter is reduced excessively in the sealing zone through the crimp dimension, which is too tight. ATTENTION: This crimped connector is not functional. This error might result in premature failure of the hose line. The crimp diameter must be increased by several tenths of a millimeter!

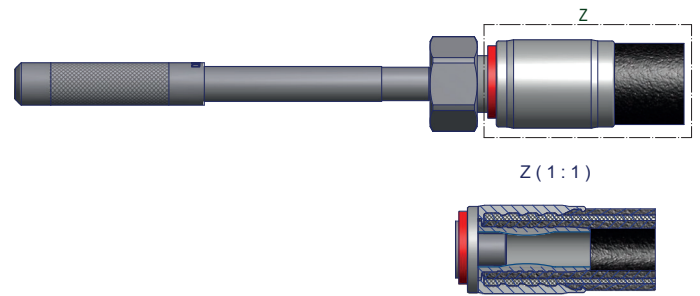


Fig. 2: Maximum reduction of nipple diameter reached

This illustration shows the maximum permissible reduction of the inside nipple diameter. The crimp diameter should not be reduced any further, since otherwise there might be the risk of a premature failure of the hose line!

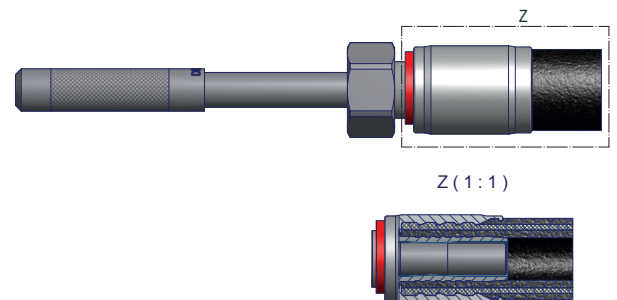


Fig. 3: Ideal reduction of nipple diameter

The perfect reduction of the nipple diameter has been reached. The crimp diameter should not be changed any more. It must, however, be checked prior to any change of the hose batch. The reached crimp dimension will correspond to the standard crimp dimension as determined from the press dimension table.

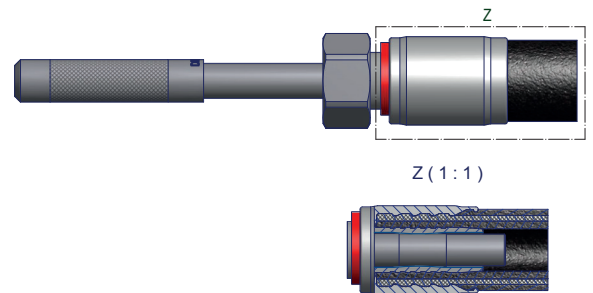


Fig. 4: Minimum reduction of nipple diameter

This illustration shows the minimum permissible reduction of the inside nipple diameter. In this case, it is still possible to reduce the crimping diameter by a few tenths of a millimeter!

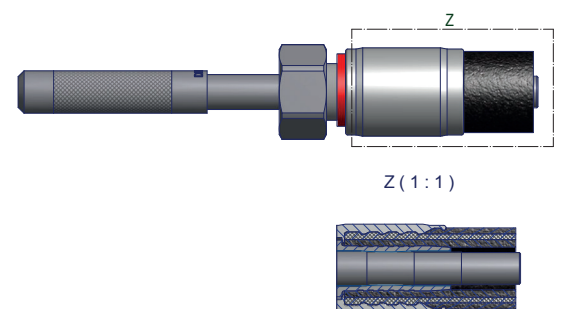


Fig. 5: No reduction of nipple diameter

Crimping did not cause any reduction of the inside nipple diameter. The crimping diameter is too large. ATTENTION: This crimped connector is not functional. There is a risk of a leak or of the hose slipping off the crimped connector. It is necessary to decrease the crimping diameter by several tenths of a millimeter!

