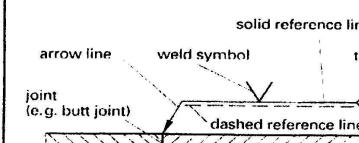
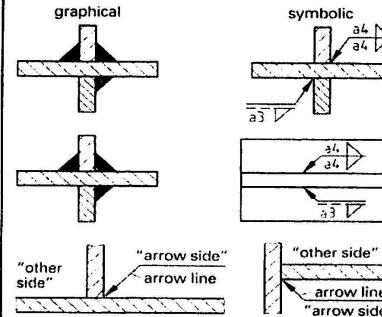
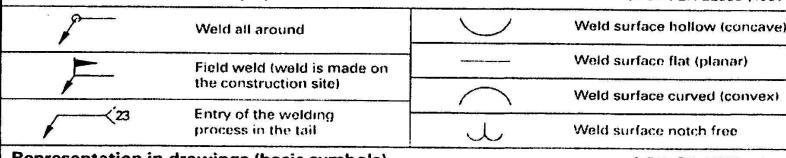


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Welding processes Information 09 Welding Symbols 93_94 Positioning of symbols for welding and soldering in drawings cf. DIN EN 22553 (1997-03)																																																															
Basic terms  <p>Reference line. This consists of the solid reference line and the dashed reference line. The dashed reference line runs parallel to the solid reference line and above or below it. The dashed reference line is omitted for symmetrical welds.</p> <p>Arrow line. It connects the solid reference line with the joint.</p> <p>Tail. Additional entries can be given here as needed for:</p> <ul style="list-style-type: none"> method, process working position evaluation group additional material <p>Joint. Orientation of the parts to be joined to each other.</p>	Representation in drawings (basic symbols) cf. DIN EN 22553 (1997-03)	<table border="1"> <thead> <tr> <th>Weld type/ symbol</th> <th>graphical</th> <th>Representation symbolic</th> <th>Weld type/ symbol</th> <th>graphical</th> <th>Representation symbolic</th> </tr> </thead> <tbody> <tr> <td>Flare-V groove weld</td> <td></td> <td></td> <td>Bevel groove weld</td> <td></td> <td></td> </tr> <tr> <td>Square groove weld</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Frontal flush weld</td> <td></td> <td></td> <td>Y-butt weld</td> <td></td> <td></td> </tr> <tr> <td>Steep- flanked weld</td> <td></td> <td></td> <td>HY-weld</td> <td></td> <td></td> </tr> <tr> <td>Build-up weld</td> <td></td> <td></td> <td>U-groove weld</td> <td></td> <td></td> </tr> <tr> <td>Fold weld</td> <td></td> <td></td> <td>J-groove weld</td> <td></td> <td></td> </tr> <tr> <td>Weld all around</td> <td></td> <td></td> <td>Spot weld</td> <td></td> <td></td> </tr> <tr> <td>Fillet weld</td> <td></td> <td></td> <td>Line weld</td> <td></td> <td></td> </tr> <tr> <td>Field weld with 3mm seam thickness</td> <td></td> <td></td> <td>Surface weld</td> <td></td> <td></td> </tr> </tbody> </table>	Weld type/ symbol	graphical	Representation symbolic	Weld type/ symbol	graphical	Representation symbolic	Flare-V groove weld			Bevel groove weld			Square groove weld						Frontal flush weld			Y-butt weld			Steep- flanked weld			HY-weld			Build-up weld			U-groove weld			Fold weld			J-groove weld			Weld all around			Spot weld			Fillet weld			Line weld			Field weld with 3mm seam thickness			Surface weld			
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