



# ORDER FORM \* MARKER DISC FOR AVL CRANK ANGLE ENCODER 365X

<p><b>Angle Encoder Set 365X</b></p> <p>The Angle Encoder Set 365X is an individualised customer solution which is installed in the powertrain between the engine and the dynamometer. The marker disc is manufactured to customer's specifications. The Marker disc will be delivered either with 720 slits or with 360 slits, standard configuration consists of 720 slits. 360 slits are recommended for racing application or applications with high vibrations.</p>																													
<p><b>For producing a customized marker disc the following information is required:</b></p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">365X</td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td></td> <td>360 or 720</td> <td>DA</td> <td>DI</td> <td>DK</td> <td>N</td> <td>DL</td> </tr> </table> <p><b>Example 1</b> (marker disc with 8 mounting drillings)</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">365X</td> <td style="border: 1px solid black; padding: 5px;">720</td> <td style="border: 1px solid black; padding: 5px;">220</td> <td style="border: 1px solid black; padding: 5px;">160</td> <td style="border: 1px solid black; padding: 5px;">172</td> <td style="border: 1px solid black; padding: 5px;">8</td> <td style="border: 1px solid black; padding: 5px;">8,4</td> </tr> </table> <p><b>Example 2</b> (marker disc without mounting drillings)</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">365X</td> <td style="border: 1px solid black; padding: 5px;">720</td> <td style="border: 1px solid black; padding: 5px;">220</td> <td style="border: 1px solid black; padding: 5px;">160</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="border: 1px solid black; padding: 5px;">0</td> </tr> </table>	365X								360 or 720	DA	DI	DK	N	DL	365X	720	220	160	172	8	8,4	365X	720	220	160	0	0	0	<p><b>Specifications for customized marker disc:</b></p> <p><b>DA..... OUTER DIAMETER and THICKNESS for</b></p> <p><b>365X720</b>              140 mm bis 600 mm              DA &lt; 180 : s = 0.5 mm              DA &lt; 350 : s = 0.8 mm              DA ≥ 350 : s = 1 mm</p> <p><b>365X360</b>              85 mm bis 200 mm              DA &lt; 120 : s = 0.5 mm              DA &lt; 200 : s = 0.8 mm</p> <p><b>DI..... INNER DIAMETER</b>  <math>DI_{max} = DA - 2X - 4 DL</math>              X = 9.....15 mm</p> <p><b>DK..... BOLT HOLE CIRCLE DIAMETER</b></p> <p><b>N..... NUMBER OF DRILLINGS</b></p> <p><b>DL..... HOLE DIAMETER</b>              Preferably DL = 6,4 / 8,5 / 10,5</p>
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\* PLEASE ADD TO ORDER