

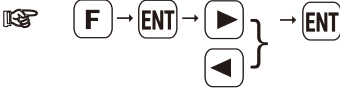
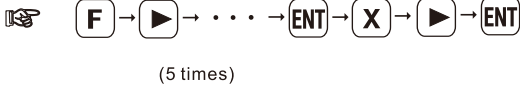
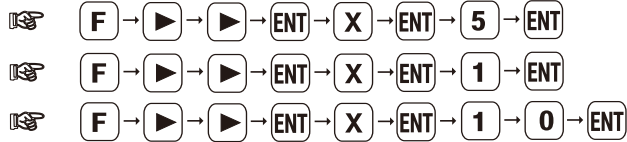
# Key Operation DS-S series

Here explains based on X-axis(**X** key).  
**X** key can be replaced with **Y** or **Z**.

| FUNCTION                         | OPERATION   |
|----------------------------------|---|
| ● Preset                         | <b>X</b> → <span style="border: 1px dashed black; padding: 2px;">input numbers</span> → <b>ENT</b> or <b>X</b> → <span style="border: 1px dashed black; padding: 2px;">input numbers</span> → <b>+/-</b> → <b>ENT</b>   |
| ● Preset Recall                  | <b>X</b> → <b>PRE RCL</b>   |
| ● Display zero                   | <b>X<sub>0</sub></b> or <b>Y<sub>0</sub></b> or <b>Z<sub>0</sub></b> <span style="float: right;">※ to make the display zero</span>  |
| ● 1 / 2 divide                   | <b>X</b> → <b>½</b>   |
| ● INCH/MM conversion             | <b>INCH</b>   |
| ● Input or find ABS number       | <b>ABS</b> → <b>◀</b> } → <b>ENT</b><br><span style="margin-left: 100px;"><b>▶</b></span>   |
| ● Return to Normal mode          | <b>ABS</b> → <b>ABS</b>   |
| ● Bolt hole circle               | → <span style="border: 1px dashed black; padding: 2px;">Radius or diameter</span> → <b>ENT</b> <span style="float: right;">※ Factory setting is Radius</span><br>→ <span style="border: 1px dashed black; padding: 2px;">the number of holes</span> → <b>ENT</b><br>→ <span style="border: 1px dashed black; padding: 2px;">Start angle (Sph)</span> → <b>ENT</b><br>→ <span style="border: 1px dashed black; padding: 2px;">Final angle (Eph)</span> → <b>ENT</b> <span style="float: right;">※ Final angle = Start angle + 360</span> |
| X-Y setting                      | <b>F</b> → <b>▶</b> → <b>ENT</b> → <b>ENT</b> <span style="float: right;">※ Factory setting is X-Y</span>   |
| X-Z setting                      | <b>F</b> → <b>▶</b> → <b>ENT</b> → <b>▶</b> → <b>ENT</b>  |
| Y-Z setting                      | <b>F</b> → <b>▶</b> → <b>ENT</b> → <b>▶</b> → <b>▶</b> → <b>ENT</b>   |
| DIA-RAD setting                  | <b>F</b> → <b>▶</b> → <b>ENT</b> → <b>▶</b> → <b>▶</b> → <b>▶</b> → <b>ENT</b>  |
| ● Direction change (+/-) (4.dlr) | <b>F</b> → <b>▶</b> → <b>▶</b> → <b>▶</b> → <b>ENT</b> → <b>X</b> → <b>▶</b> } → <b>ENT</b><br><span style="margin-left: 100px;"><b>◀</b></span>  |
| ● Rate correction (5.rAtE)       | <b>F</b> → <b>▶</b> → <b>▶</b> → <b>▶</b> → <b>▶</b> → <b>ENT</b> → <b>X</b> → <b>ENT</b> → <span style="border: 1px dashed black; padding: 2px;">input RATE</span> → <b>ENT</b><br><br>( Correction = $\frac{\text{Real distance (of a check master)}}{\text{Measured distance (of a readout)}}$ )   |
| ● Reset ABS (7.rESEt)            | <b>F</b> → <b>▶</b> → ... → <b>ENT</b><br>(6 times)   |
| ● Reset program                  | <b>F</b> → <b>▶</b> → ... → <b>ENT</b> → <b>▶</b> → <b>ENT</b><br>(6 times)   |
| ● FND test (8.tESt)              | <b>F</b> → <b>▶</b> → ... → <b>ENT</b> → <b>CE</b><br>(7 times)   |



# Key Operation **DS-S** series

| FUNCTION  | OPERATION  |
|---|--|
| <ul style="list-style-type: none"> <li>● Adding up in lathe (1.LAthE)</li> </ul>  |   |
| <ul style="list-style-type: none"> <li>● Double counting (7.dIA)</li> </ul>   |   |
| <ul style="list-style-type: none"> <li>● Resolution setting (3.ScALE)</li> </ul> <p>5/1000 (5<math>\mu</math>m)</p> <p>1/1000 (1<math>\mu</math>m)</p> <p>1/100 (10<math>\mu</math>m)</p> |  |



**DONG SAHN JENIX CO., LTD.**

285-1, Gung-dong, Guro-gu, Seoul, Korea  
 tel: 82 2 2625 2222 / fax: 82 2 2625 2228  
[jenix@jenix.co.kr](mailto:jenix@jenix.co.kr) [www.jenix.co.kr](http://www.jenix.co.kr)