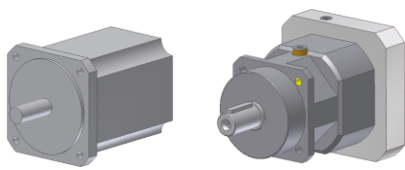
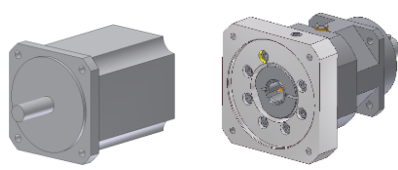
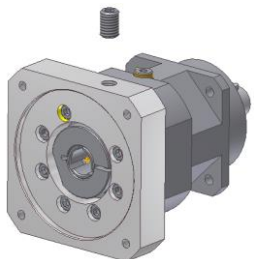
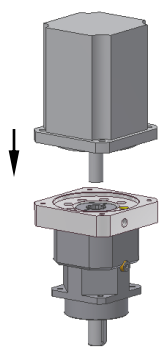
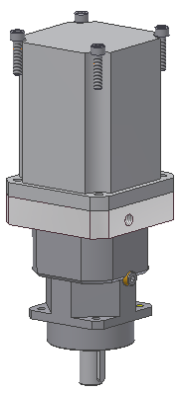
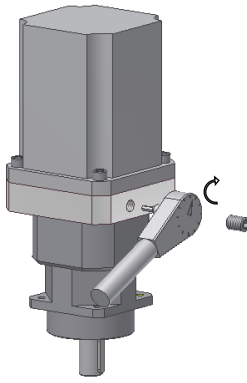


# Assembly Instruction

## ESP – Gearbox

### ESP060 - ESP180



<p>1.</p>  <p>DIN 42955-N Select exact motor (without keyway) Select correct gearbox</p>	<p>2.</p>  <p>Free mounting parts from grease Remove potential damages</p>
<p>3.</p>  <p>Adjust the position of the clamping hub Open clamping screw</p>	<p>4.</p>  <p>Preferred mounting direction: vertical Fit motor in gearbox</p>
<p>5.</p>  <p>Motor flange must fit to gearbox flange Screws have to be secured Fastening torque of screws: 90% of screw yield stress; tighten them cross-wise</p>	<p>6.</p>  <p>Tighten clamping screw with <math>M_A</math> Insert sealing screw</p>

Gearbox	ESP060	ESP075		ESP100			ESP140		ESP180
to Ø / from Ø	----	Ø19	Ø24	Ø19	Ø19	Ø24	Ø32	Ø38	----
Torque of clamping screw $M_A$ [Nm]	10	10	35	10	35	35	35	35	67
SW-1 stage [mm]	4	5	5	--	6	6	6	8	8
SW-2 stage [mm]	4	5	5	5	--	6	6	8	8