

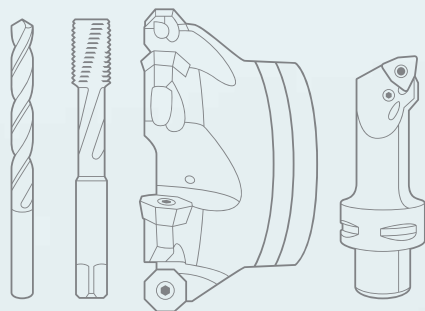


_ SYNERGIZING ENERGY

**Know-how is nothing
without know-why.**

Industry Solutions

Energy



EXTRACTING PROFIT FROM POWER.

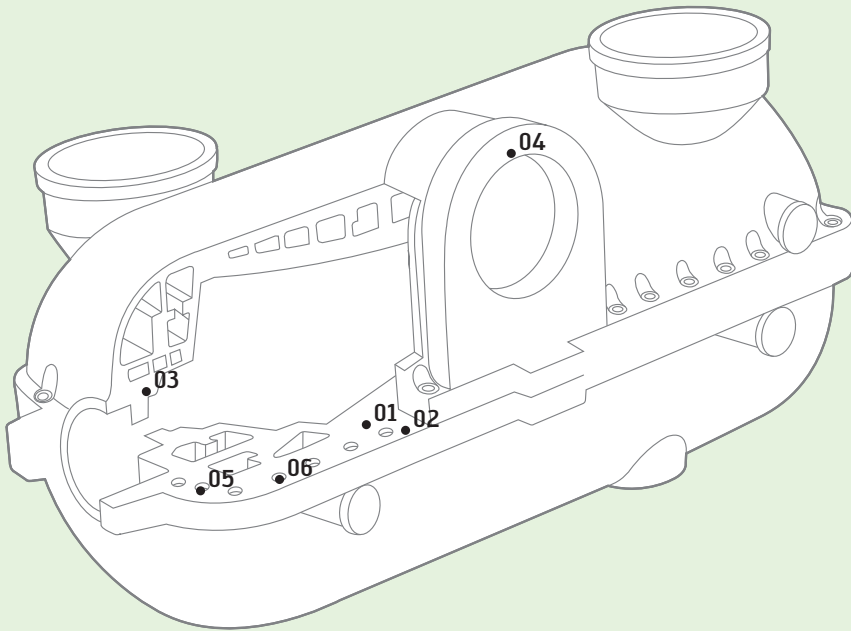
Imperatives facing the energy industry are multiple and continually evolving. Deliver more quickly yet also produce with greater efficiency. Maintain the highest level of geometric precision and also the finest surface qualities. And factor in changing economic and environmental conditions – all the way from planning to production.

With the combined power of Walter, Walter Titex and Walter Prototyp, we deliver more than tools. We are a single source for complete high-tech machining processes, from engineering support to tool management. We understand the challenges behind new machining applications for new materials, and we offer complete solutions and the greatest possible levels of productivity in metal cutting. No one else competes at this level of quality and precision.

**Expect more. Engineer what you envision.
Experience the new Walter.**

CASINGS

The manufacture of casings usually means long machining times and laborious operations. A complete tool and process plan – from a single source – helps you minimize tool changes and nonproductive times and maintain the highest levels of quality. Result: maximum profitability.



- **01** **Walter** Heavy duty cutter F2265
for rough machining of joint face



- **04** **Walter** Boring and Precision Maxi
boring tool for boring and fine boring large diameters



- **02** **Walter** Steam tight cutter
for finishing joint face



- **05** **Walter Titex Alpha® 4**
for drilling core holes



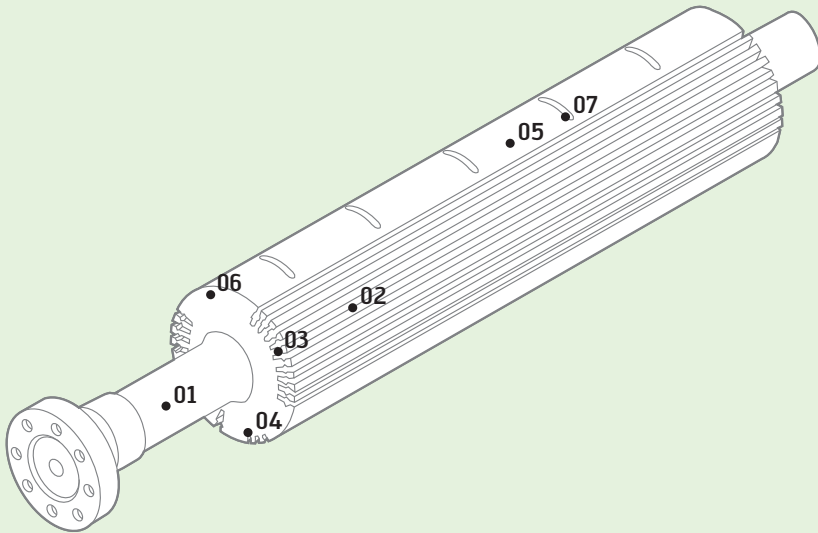
- **06** **Walter Prototyp Paradur HT**
for manufacturing of threads



- **03** **Walter Xtra-tec®** helical milling cutter F4138
for rough machining and semi-finishing

ELECTRICAL SHAFTS

Coil slots, venting ducts, wedge slots and flex slots are manufactured normally only after turning a generator. Our innovative tool system ensures an economical production process for every application, and a way to rough machine and finish coil grooves in a single pass.



•01 **Walter Turn**
for turning shafts



•04 **Walter Disc cutter**
for the flex slot



•02 **Walter Disc cutter**
for coil slots and venting ducts



•05 **Walter Prototyp Protostar Tough Guys**
for rough machining and finishing dead slots



•06 **Walter Titex X-treme Plus**
for manufacturing current connection
and pole retaining bolt holes



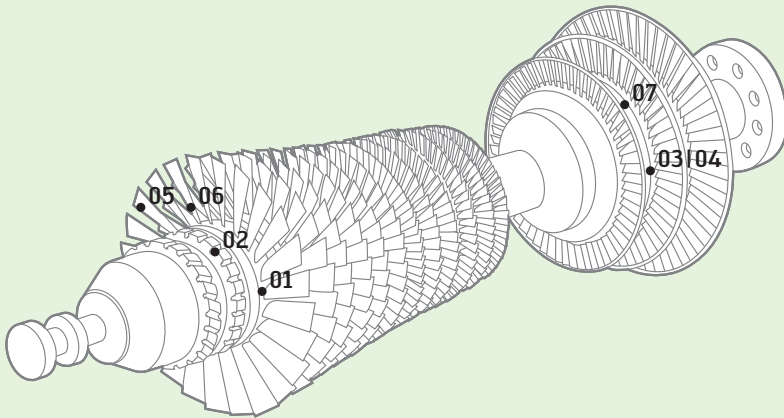
•03 **Walter Form cutter**
for the wedge slot



•07 **Walter Prototyp Paradur Eco-HT**
for manufacturing balancing threads

TURBINES AND BLADES

Creating thermal shafts is one of the most demanding of all manufacturing procedures. We make it happen with our tailor-made, special tool solutions. Turbine blade production can be handled by either an optimally productive standard product or with a special solution.



- **01** **Walter Cut Capto**
for grooving blade and sealing grooves



- **04** **Walter Profile cutter**
for finishing straight and curved grooves



- **02** **Walter Bell cutter**
for rough machining of curved blade grooves



- **05** **Walter Xtra-tec®** shoulder milling cutter F4042
for rough machining, semi-finishing and finishing



- **03** **Walter Prototyp** HSS profile finishing miller
for finishing groove profiles



- **06** **Walter Profile cutter**
for rough machining, semi-finishing and finishing root profiles



- **07** **Walter Titex Alpha® 4**
for boring clearance holes

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