

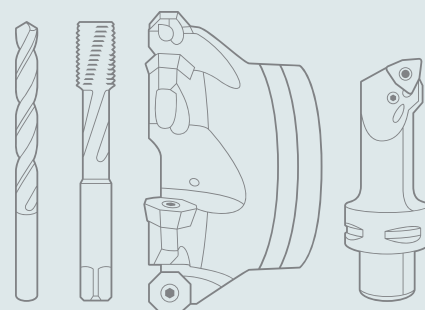


_ BUILDING A NEW WAY TO FLY

**New needs need
a new approach.**

Industry Solutions

Aircraft and Aerospace

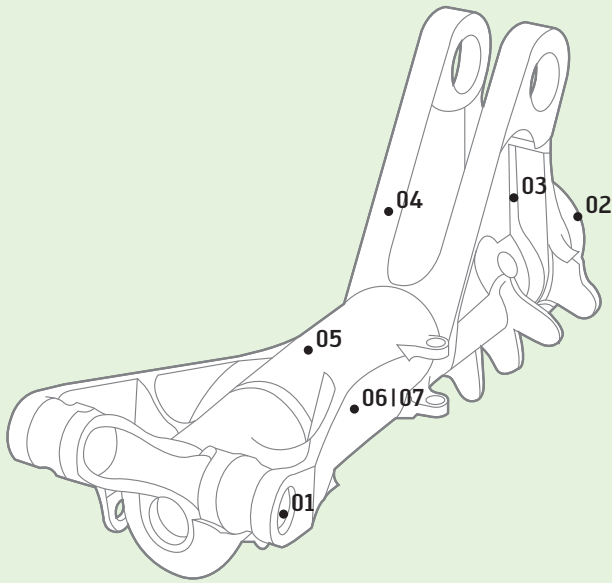


UPWARD AND ONWARD.

No doubt about it. Aviation and aerospace are undergoing radical change. A doubling of large passenger aircraft. Development cycles cut in half. Space travel goes commercial. Industry-wide, innovation is driven by the need to reduce weight, and composites are becoming more difficult to machine.

With the combined power of Walter, Walter Titex and Walter Prototyp, we deliver more than tools. We keep pace with the challenges facing your industry. We are a single source for complete high-tech machining processes. From engineering support to tool management. For titanium, high-temp alloys and composite materials. No one else competes at this level of quality and precision.

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



MAIN LANDING GEAR

With solid carbide and insert tools from Walter, Walter Titex and Walter Prototyp, productivity can be increased by up to 100 %. Versatile tool design covers a diverse spectrum of applications, and our new milling generation satisfies your demands with smooth, vibration-resistant performance.



- **01** **Walter Xtra-tec® Point Drill**
for manufacturing pivot bores



- **04** **Walter Xtra-tec® Point Drill**
for manufacturing pivot bores



- **02** **Walter High Performance cutter**
for milling cylinder datum



- **05** **Walter Prototyp Protostar Tough Guys**
for contour finishing of main cylinder



- **03** **Walter Xtra-tec® shoulder mill**
for chambering outside pockets



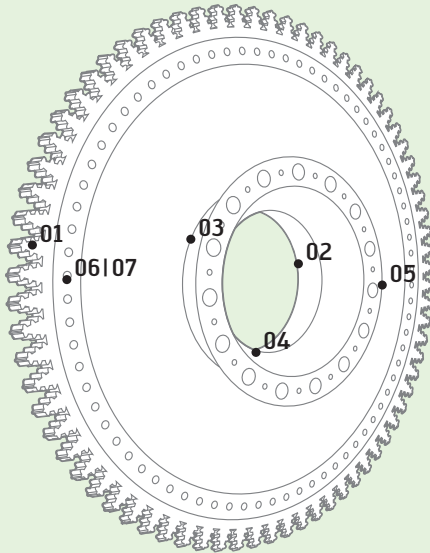
- **06** **Walter Titex Alpha® 4**
for core hole drilling



- **07** **Walter Prototyp Paradur Inox**
for manufacturing threaded holes

DISC

Manufacturing aircraft components shows the complete range of our premium cutting tools and machining processes. Example: our Tiger-tec® coating, whose sharp cutting edges, extreme robustness and temperature stability allow particularly economical production, even in unfavourable conditions.



- **01** **Walter Capto**
for facing and longitudinal turning of disc



- **05** **Walter WSM 30 inserts**
especially for ISO S/M materials



- **02** **Walter Special**
backward machining of flange



- **06** **Walter Titex Alpha® Ni**
for core hole drilling



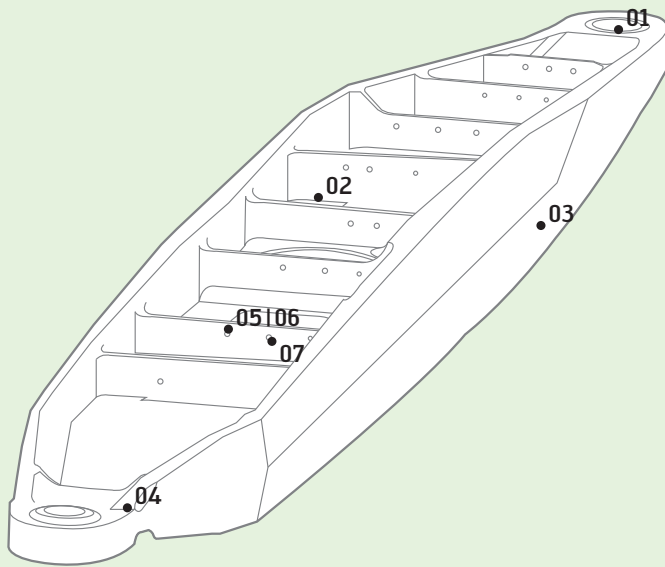
- **03** **Walter Turn**
for finishing of flange



- **07** **Walter Prototyp Solid Carbide thread mill Ni 27**
for milling internal threads



- **04** **Walter Cut**
axial grooving of flange



LANDING GEAR BEAM

Walter's innovative products and process strategies set new standards in machining. The considerable size and many features of main beam forging and a multitude of complex components ensure stable conditions and efficient part production.



- **01** **Walter** Fine boring tool for fine boring mounting bore



- **04** **Walter Prototyp** Protostar Tough Guys for finishing pocket sides and pocket floor



- **02** **Walter** Xtra-tec® shoulder mill for rough machining pockets using the waterfall strategy



- **05** **Walter Titex Alpha® 4** for manufacturing core holes for horizontal threads



- **06** **Walter Prototyp** Paradur Inox for manufacturing through hole threads



- **03** **Walter** Xtra-tec® helical cutter for rough profiling external contours



- **07** **Walter** Xtra-tec® Insert Drill for manufacturing starting holes

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