

A detailed, high-contrast black and white photograph of industrial machinery. In the foreground, a large, complex gear or rotor with multiple teeth is visible. Behind it, a vertical shaft with a threaded section and a flange is prominent. The background shows more mechanical components, including what appears to be a large, curved blade or vane. The lighting creates strong highlights and shadows, emphasizing the metallic textures and complex geometry of the parts.

# MOTION TECHNOLOGIES

MOVING  
FORWARD  
WITH PX

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**PX**GROUP



**THANKS TO OUR 40 YEARS EXPERTISE IN METALLURGY,  
WE CAN PROVIDE CUSTOMIZED SOLUTIONS TO  
YOUR NEEDS**

#### **OUR VALUE PROPOSITION**

- Customized precision profiles and cold drawn tubes
- Hardenable materials (50-60 HRC)
- Solutions with low friction and high wear resistance
- Specific surface finish quality
- Guaranteed process capabilities ( $C_{pk} > 1.66$ )
- Tight tolerances  $\pm 0.01\text{mm}$
- Advice and services tailored to your need

#### **MATERIALS SPECIFICATIONS**

- Austenitic stainless steel  
EN 1.4404 / AISI 316L and EN 1.4301 / AISI 304
- Martensitic stainless steel EN 1.4034 / AISI 420
- Bearing steel EN 1.3505 / DIN 100Cr6
- Other materials available upon request
- Annealed, cold worked or hardened condition,

#### **DELIVERY FORM**

- Cut to length, in coils or in components

#### **AREAS OF APPLICATIONS**

- Linear ball bearing, bearing assemblies, bearing ring, raceways, sleeves
- Linear motion systems, rail guides, electrical and pneumatic actuators, piston rods and many more.

#### **SWISS PROFILE (M) SDN BHD**

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