

Custom-made gearboxes



Presentation

HPC concentrates on two main parallel activities in the field of industrial supply:

- The **manufacture** of gears, pulleys, sprockets, gearboxes...

This specificity allows us to adapt standard parts to the specifications required by our customers, or to custom-make parts based on a model (in the case of a worn or broken part) or a plan (in the case of the creation of a special machine).

- The **supply** of mechanical and drive parts: linear guidance, rotary guidance, motor gearboxes, couplings, steel and stainless steel screws, manoeuvring parts...

Major assets

- Standard parts adapted to customers' needs
- Productions from worn or broken parts, plans, or specifications
- Wide variety of materials offered
- Heat-treatment possible

General characteristics and dimensions

- Special machined materials offered:
plastics Delrin, nylon, celeron,
aluminium, phosphor bronze, cast iron, brass,
steels 60C40, 42CD4, 35NCD6, 34C10,
steel 30CD12 for nitriding,
stainless steels Z12 CF 13, Z10 CNF 18.09 (stainless steel 303 and 316L)
- Various machinings:
different diameters and/or shaft lengths
modification of bore diameter offered (metric or imperial measurements)
flats, keyways, circlip groove machinings
addition of threaded rings
production of assembly or adaptation kits
dimensional adaptation of housing
special reduction ratios...