



HIGH-PRESSURE DIE-CASTING CASTING OF ZINC ALLOYS



Materials according to standards

ČSN	EN	DIN	others
42 3558	ZP0400	ZnAl4	ZAMAK 3 (Zn 400)
42 3560	ZP0410	ZnAl4Cu1	ZAMAK 5 (Zn 410)
	ZP0810	ZnAl8Cu1	ZAMAK 8 (Zn 810)
	ZP0430	ZnAl4Cu3	ZAMAK 2 (Zn 430)

Machine park Machinery – hot chamber die-casting machines

- 2 x TECHMIRENT 44 NT/X
- 7 x FRECH DAW 50-63
- 7 x FRECH DAW 80-200
- 3 x COLOSIO PFZ 90

Casting size

from 1 g to 2,5 kg

Series

from 10 000 to 10 000 000 pcs/year

Other production possibilities

Steel inserts overmolding
- inserts, pegs, balls

Before and after casting

- SW MAGMA simulation
- CNC machining
- Variety of surface finish
- subcontracted locally
- Pressure test
- Assembly (combination with parts
from other technologies)
- 3D CMM dimensional inspection
- Machine finishing
 - Trimming
 - TEM deburring
 - CRYO blasting
 - Tumbling wet (in stones) and dry
 - Sandblasting
- CT scan