

## Chrome steel balls AISI 52100 (100Cr6 1,3505 )

### property

chrome steel balls are tough-hardened; have excellent wear and mechanical resistance; they are highly resilient and remain stable form

### applications

precision ball bearings, automotive, mechanical engineering, engineering tools, etc.

**diameter** from 0,30 mm to 200 mm

**grade** G5 - G1000  
ISO 3290 / DIN 5401 / AFBMA

### chemical composition

| material                       | C %       | Si %      | Mn %      | P %    | S %    | Cr %      | Mo %   |
|--------------------------------|-----------|-----------|-----------|--------|--------|-----------|--------|
| AISI 52100<br>1,3505<br>100Cr6 | 0,93-1,05 | 0,15-0,35 | 0,25-0,45 | ≤0,025 | ≤0,015 | 1,35-1,60 | ≤ 0,10 |