

Matériaux utilisés pour la fabrication de nos rondelles élastiques

| | Désignation usuelle Symbole AFNOR | Norme NF | Terminaison Borrelly | Werkstoff Nr. (DIN) AISI | AISI | UNS | AMS | ASTM |
|---|---|----------------|-------------------------|--------------------------------|-----------|------------------|-------------------------|--------------------------|
| Aciers base carbone | Acier au Carbone C75S / CK75 | NF EN 10132-4 | XT | 1.1248 | 1075 | G10750 UNS | | |
| | Acier au chrome molybdène 51CrV4- 50CrV4 | NF EN 10132-4 | CV | 1.8159 | 6145-6150 | G61500 H61500 | | |
| | Acier faiblement allié 45Si Cr Mo 6 | NF EN 10-089 | SC | 1.8062 | | | | |
| Aciers inoxydables austénitiques | X10 Cr Ni 18-8 | NF EN 10-088 | I10 | 1.4310 | 301-302 | | | |
| | X5 Cr Ni 18-10 | NF EN 10-088 | I01 | 1.4301 | 304 | S30400 | | |
| | X2CrNi19-11 | NF EN 10-088 | I07 | 1.4306 | 304 L | S30403 | | |
| | X2CrNiMo17-12-2 | NF EN 10-088 | I04 | 1.4404 | 316L | S31603 | | |
| | X6 Cr Ni MoTi 17-12-2 | NF EN 10-088 | I71 | 1.4571 | 316 Ti | | | |
| Duplex Super duplex | X2 CrNiMoN 25-7-4 (SAF2507) Super Duplex | NF EN 10-088-2 | SX | 1.4410 | | S32750 | | ASTM A276-A479 -A182-11A |
| | X2CrNiMoN22-5-3 (SAF2205) Duplex | NF EN 10-088-2 | SY | 1.4462 | | S31803 | | ASTM A240 - A276- A479 |
| | X1NiCrMoCu 25-20-5 / URANUS B6 | NF EN 10-088-3 | B6 | 1.4539 | 904L | N08904 | | A240-A276-A479-A480 |
| Acier inoxydable à durcissement structural | X5 Cr Ni Cu Nb 16-4 (17-4ph) | NF EN 10-088-3 | I42 | 1.4542 | 630 | S17400 | 5643-5622 | A564 |
| | X5 Cr Ni Cu15-5 (15-5ph) | | I45 | 1.4545 | | S15500 | 5659 | AMS 5659 |
| | X7 Cr Ni Al 17-7 (17-7ph) | NF EN 10-088-3 | I68 | 1.4568 | 631 | S17700 | 5528-5529 | A631 |
| Super Alliage | INCONEL 625 | | IN25 | 2.4856 | | N06625 | AMS 5666 | B446 |
| | Ni Cr15 Fe7 Ti Al (INCONEL X 750) | NF EN 10-302 | IN9 | 2.4669 | | N07750 | AMS 5698-5699 | B637 |
| | Ni Cr19 Fe19 Nb5 Mo3 (INCONEL 718) | ISO 15-156-3 | IN8 | 2.4668 | | N07718 | AMS 5662-56635832-5962 | B637 |
| | NiCr22Mo9Nb (INCONEL 625) | | IN25 | 2.4856 | | N06625 | AMS 5666 | B446 |
| | Ni Cr20 Ti Al (NIMONIC 90) | NF EN 10-302 | N90 | 2.4969 | | | | |
| | Alloy A286 | | A86 | 1.4980 - 1.4944 | | S66286 | AMS 5731-5734-5737-5853 | A453 |
| | Hastelloy C4 | | C4 | 2.4610 | | N06455 | | ASTM B574 B619 |
| | NiMo16Cr15W (Hastelloy C276) | ISO 15 156-3 | C76 | 2.4819 | | N10276 | | ASTM B574-B575-B69 |
| NiCu30Fe (Monel 400) | ISO 15156-3 | M40 | 2.4360-2.4361 | | N04400 | AMS 4730 | ASTM B164 | |
| Non ferreux | CuBe 1.9 (Cu Be2) Cuivre Bérilium | NFL 14721 | UB | 2.1247 | | C17200 | AMS 4530 -4532 | ASTM B194 |
| Titane | Titane Ta6V Ti6Al-4V | | TI | 3.7165 | | R56400 | | |