



COMMON STEEL GRADES AT HAMOR ZRT
CÉGÜNKÉL ELŐFORDULÓ ACÉLMINŐSÉGEK

| Applied standards EN, szabványok | Steel Number Anyagszám | EN | DIN | ASTM | MSZ | BS | MÁV/DVK |
|--|---------------------------|-----------------------|----------------------|---------------------------|--------------|-----------------------|---------------|
| Hot-forged ferritic and martensitic steels for pressure equipment. Melegszárad ferrites és martenzites acélok nyomástartó berendezésekhez | 1.0345 | P235GH | STE255, HI | A285 | | P235GH | |
| | 1.0352 | P245GH | | ASTMA216 | | | |
| | 1.0460 | P250GH | C22.8 | A105 | | | |
| | 1.0425 | P265GH | ST45-8, HII | A516 GR.60 | | P265GH | |
| | 1.0426 | P280GH | | ASTMA216 | | | |
| | 1.0481 | P295GH | 17Mn4 | A516 GR.65 | | P295GH | |
| | 1.0436 | P305GH | | ASTMA36 | | | |
| | 1.5415 | 16Mo3 | 15Mo3 | ASTMA204 | | | |
| | 1.7335 | 13CrMo4-5 | 13CrMo44 | SA182 GR.F12 | | 13CrMo4-5 | |
| | 1.7383 | 11CrMo9-10 | 10CrMo9-10 | SA182 GR.F22 | | 11CrMo9-10/10CrMo9-10 | |
| High-yield, weldable, fine-grain steels. Nagy folyáshatárú, hegeszthető, finomszemcsés acélok | 1.0477 | P285NH | | ASTMA216 | | | |
| | 1.0478 | P285QH | | A694 GR.F42 | | | |
| | 1.0565 | P355NH | | | | P355NH | |
| | 1.0571 | P355QH1 | TSTE355 (1.0566) | A694 GR.F52 | | | |
| | 1.8932 | P420NH | | A694 GR.F60 | | | |
| | 1.8936 | P420QH | TSTE420 (1.8912) | A694 GR.F60 | | S420N/S420NL | |
| | 1.8871 | P460QH | TSTE460 (1.8903) | A694 GR.F65 | | S460N/S460NL | |
| Unalloyed structural steels. Ötvözetlen szerkezeti acélok | 1.0038 | S235JR | RST37-2 | ASTMA283 | FE235B/A38B | 40B | |
| | 1.0114 | S235JO | ST37-3 | ASTMA284 | FE235C | 40C | |
| | 1.0117 | S235J2 | ST37-3N | ASTMA36 | FE235D | | |
| | 1.0044 | S275JR | ST44-2 | A283D/ A529 GR.D | FE275B/A44B | 43B | |
| | 1.0143 | S275JO | ST430B | | FE275C | 43C | |
| | 1.0145 | S275J2 | ST430B | | FE275D | 43EE | |
| | 1.0045 | S355JR | ST52-3 | A572 GR.50 | FE355B | 50B | |
| | 1.0553 | S355JO | ST52-3 | A572 GR.50 | FE355C/52D | 50C | |
| | 1.0577 | S355J2 | ST52-3N | ASTMA656 | | 50D | |
| | 1.0570 | S325G* | ST52-3 | ASTMA678/SA350 LF2/SA-105 | | 50D | |
| | 1.0050 | E295 | ST50-2 | A570 GR.50/A572 GR.50 | FE490-2/A50 | | |
| | 1.0060 | E335 | ST60-2 | A572 GR.65 | FE590-2/A60 | 55C | |
| | 1.0070 | E360 | ST70-2 | | FE-690-2/A70 | | |
| High-strength, fine-grain structural steels. Nagyszilárdságú, finomszemcsés szerkezeti acélok | 1.8928/1.8988 | S690QL/S690QL1 | TSTE690 | ASTMA709-100 | | | |
| | 1.8983/1.8925 | S890QL/S890QL1 | TSTE890 | ASTMA710 | | | |
| Case-hardening steels Betétben edzhető acélok | 1.7131 | 16MnCr5 | 16MnCr5 | AISI 5115 | BC3 | 527M17/590M17 | |
| | 1.7147 | 20MnCr5 | 20MnCr5 | AISI 5120 | 20MnCr5 | | |
| | 1.6587 | 18CrNiMo7-6 | 17CrNiMo6 | | | 820A16 | |
| | 1.6657 | 14NiCrMo13-4 | 14NiCrMo13-4 | | BNCMO2 | 655M13/832M13 | |
| | 1.5752 | 15NiCr13 | 14NiCr14 | AISI 3415 | BNC2 | 655M13/832H13 | |
| Non-alloyed steels that can be alloyed. Nemesíthető ötvözetlen acélok | 1.0402/1.1151 | C22/C22E | C22.8 | AISI 1020/SA 266 GR.2 | C22 | 070M20 | |
| | 1.0501/1.1181 | C35/C35E | C35/CK35 | AISI 1035 | C35 | 070M36/080M36 | A1/C2N/EA1N |
| | 1.0511/1.1186 | C40/C40E | C40/CK40 | AISI 1038/AISI 1040 | C40 | 070M40/080M40 | |
| | 1.0503/1.1191 | C45/C45E | C45/CK45 | AISI 1045 | C45 | 070M46/080M46 | A3 |
| | 1.0535/1.1203 | C55/C55E | C55/CK55 | AISI 1055 | C55 | 070M55 | |
| | 1.0601/1.1221 | C60/C60E | C60/CK60 | AISI 1060 | C60 | 070M60 | B2N/B4/B6/B6T |
| Heat-treatable alloyed steels Nemesíthető ötvözött acélok | 1.7218 | 25CrMo4 | 25CrMo4 | AISI 4130 | CMO1 | 708A25/708M25 | A4T/EA4T |
| | 1.7220 | 34CrMo4 | 34CrMo4 | AISI 4135 | CMO3 | 708A30/708M32 | |
| | 1.7225 | 42CrMo4 | 42CrMo4 | AISI 4140/AISI 4142 | CMO4 | 708M40/709M40/711M40 | A5 |
| | 1.7228 | 50CrMo4 | 50CrMo4 | AISI 4150 | | 708M50 | |
| | 1.6582 | 34CrNiMo6 | 34CrNiMo6/34CrNiMo6V | AISI 4340 | NCMO5 | 817M40 | |
| | 1.6580 | 30CrNiMo8 | 30CrNiMo8 | AISI 4340 | NCMO6 | 823M30 | |
| | 1.8159 | 51CrV4 | 50CrV4 | AISI 6150 | CrV3 | 735A50/735A51 | |
| Nitridable steels. Nitridálható acélok | 1.8515/1.7361 | 31CrMo12/ 32CrMo12 | 31CrMo12/32CrMo12 | | | 722M24 | |
| | 1.8519 | 31CrMoV9 | 30CrMoV9 | | 31CrMoV9 | 31CrMoV9 | |