

| ISO                            | Malzeme / Material   | HB        | Malzeme No. | DIN           | TS            | ABD AISI/SAE |
|--------------------------------|--|-----------|-------------|---------------|---------------|--------------|
| P<br>ÇELİKLER<br>Steel / Stahl | Alaşımız Çelikler<br>Low carbon Steel<br>C-Stahl<br><br>%C0,05-0,25  | 80 - 170  | 1.0116      | St 37-3       | St 37-3       | A 573-81 65  |
|                                |  |           | 1.0401      | C15           | C15           | 1015         |
|                                |  |           | 1.0402      | C22           | C22           | 1020         |
|                                |  |           | 1.0715      | 9SMn28        | 9SMn28        | 1213         |
|                                |  |           | 1.0718      | 9SMnPb28      | 9SMnPb28      | 12L13        |
|                                |  |           | 1.0722      | 10SPb20       | 10SPb20       | -            |
|                                |  |           | 1.0736      | 9SMn36        | 9SMn36        | 1215         |
|                                |  |           | 1.0737      | 9SMnPb36      | 9SMnPb36      | 12L14        |
|                                |  |           | 1.1141      | Ck15          | Ck15          | 1015         |
|                                |  |           | 1.1158      | Ck25          | Ck25          | 1025         |
| P<br>ÇELİKLER<br>Steel / Stahl | %C0,25-0,55  | 125-225   | 1.0501      | C35           | C35           | 1035         |
|                                |  |           | 1.0503      | C45           | C45           | 1045         |
|                                |  |           | 1.0726      | 35S20         | 35S20         | 1140         |
|                                |  |           | 1.1157      | 40Mn4         | 40Mn4         | 1039         |
|                                |  |           | 1.1167      | 36Mn5         | 36Mn5         | 1335         |
|                                |  |           | 1.1170      | 28Mn6         | 28Mn6         | 1330         |
|                                |  |           | 1.1191      | Ck 45         | Ck 45         | 1045         |
|                                |  |           | 1.0535      | C 55          | C 55          | 1055         |
|                                |  |           | 1.1203      | Ck 55         | Ck 55         | 1055         |
|                                |  |           | 1.1221      | Ck 60         | Ck 60         | 1060         |
| P<br>ÇELİKLER<br>Steel / Stahl | Düşük Alaşımli Çelikler<br>Low alloy Stel<br>Niderig legiettre Stahl | 140 - 275 | 1.0841      | St52-3        | St52-3        | 5120         |
|                                |  |           | 1.0961      | 60SiCr7       | 60SiCr7       | 9262         |
|                                |  |           | 1.3505      | 100Cr6        | 100Cr6        | 52100        |
|                                |  |           | 1.6523      | 21NiCrMo2     | 21NiCrMo2     | 8620         |
|                                |  |           | 1.6546      | 40NiCrMo22    | 40NiCrMo22    | 8740         |
|                                |  |           | 1.7131      | 16MnCr5       | 16MnCr5       | 5115         |
|                                |  |           | 1.6582      | 35CrNiMo6     | 35CrNiMo6     | 4340         |
|                                |  |           | 1.7035      | 41Cr4         | 41Cr4         | 5140         |
|                                |  |           | 1.7218      | 25CrMo4       | 25CrMo4       | 4130         |
|                                |  |           | 1.7225      | 42CrMo4       | 42CrMo4       | 4140         |
| 1.8159                         | 50CrV4   | 50CrV4    | 6150        |               |               |              |
| P<br>ÇELİKLER<br>Steel / Stahl | Yüksek Alaşımli Çelikler<br>High alloy Stel<br>Hoch legiettre Stahl  | 220 - 325 | 1.2080      | X210Cr12      | X210Cr12      | D3           |
|                                |  |           | 1.2344      | X40CrMoV51    | X40CrMoV51    | H13          |
|                                |  |           | 1.3343      | S6-5-2        | S6-5-2        | D3           |
|                                |  |           | 1.2379      | X210Cr12G     | X210Cr12G     | HNV3         |
|                                |  |           | 1.4350      | X5CrNi189     | X5CrNi189     | 304          |
|                                |  |           | 1.4401      | X5CrNiMo18-10 | X5CrNiMo18-10 | 316          |
|                                |  |           | 1.4845      | X12CrNi25-21  | X12CrNi25-21  | 310S         |
|                                |  |           | 1.4000      | X7Cr13        | X7Cr13        | 403          |
|                                |  |           | 1.4005      | X12CrS13      | X12CrS13      | 416          |
|                                |  |           | 1.4006      | X10Cr13       | X10Cr13       | 410          |
| K<br>DÖKÜM<br>Cast Iron / Guss | Gri Dökme Demirler<br>Grey cast iron<br>Grauguss                     | 150 - 220 | 0.6015      | GG15          | GG15          | No25B        |
|                                |  |           | 0.6020      | GG20          | GG20          | No30B        |
|                                |  |           | 0.6025      | GG25          | GG25          | No35B        |
|                                |  |           | 0.6030      | GG30          | GG30          | No45B        |
|                                |  |           | 0.6035      | GG35          | GG35          | No50B        |
|                                |  |           | 0.8145      | GTS45         | GTS45         | 40010        |
|                                |  |           | 0.8155      | GTS50         | GTS50         | 50005        |
|                                |  |           | 0.7040      | GGG40         | GGG40         | 60-40-18     |
|                                |  |           | 0.7050      | GGG50         | GGG50         | 80-85-06     |
|                                |  |           | 0.7070      | GGG70         | GGG70         | 100-70-03    |
| Z<br>ALÜMİNYUM<br>Aluminium    | Alüminyum Alaşımaları<br>Aluminium alloy<br>Aluminium Legierungen    | 30 - 150  | 3.0255      | AL99,5        | AL99,5        | 1000         |
|                                |  |           | 3.2315      | ALMgSi1       | ALMgSi1       | -            |
|                                |  |           | 3.1325      | ALMg1         | ALMg1         | 2024         |
|                                |  |           | 3.3245      | ALMg3Si       | ALMg3Si       | -            |
|                                |  |           | 3.1325      | ALMg1         | ALMg1         | 2024         |
|                                |  |           | 3.3245      | ALMg3Si       | ALMg3Si       | -            |
|                                |  |           | 3.1325      | ALMg1         | ALMg1         | 2024         |
|                                |  |           | 3.3245      | ALMg3Si       | ALMg3Si       | -            |
|                                |  |           | 3.1325      | ALMg1         | ALMg1         | 2024         |
|                                |  |           | 3.3245      | ALMg3Si       | ALMg3Si       | -            |