

since 1984  
with the experience comes from 1950s

## Special Steels For Special Partners




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**PRODUCT CATALOG**

# STEEL SHAPES

## Available Steel Shapes

| Shapes  | Production Technic | Min (mm)      | Max (mm)       |
|---|--------------------|---------------|----------------|
| <b>ROUND BARS</b><br>       | <b>Hot Rolled</b>  | 12.00         | 340.00         |
|   | <b>Cold Drawn</b>  | 1,00          | 85.00          |
|   | <b>Peeled</b>      | 20.00         | 75.00          |
|   | <b>Ground</b>      | 16.00         | 140.00         |
|   | <b>Forged</b>      | 190.00        | 1200.00        |
| <b>FLAT BARS</b><br>      | <b>Hot Rolled</b>  | 20.00x5.00    | 1500.00x300.00 |
|   | <b>Cold Drawn</b>  | 20.00x5.00    | 200.00x50.00   |
|   | <b>Forged</b>      | 200.00x100.00 | 1000.00x500.00 |
| <b>SQUARE BARS</b><br>    | <b>Hot Rolled</b>  | 10.00x10.00   | 300.00x300.00  |
|   | <b>Cold Drawn</b>  | 5.00x5.00     | 80.00x80.00    |
|   | <b>Forged</b>      | 200.00x200.00 | 800.00x800.00  |
| <b>HEXAGONAL BARS</b><br> | <b>Hot Rolled</b>  | 19.00         | 80.00          |
|   | <b>Cold Drawn</b>  | 10.00         | 70.00          |
| <b>SEAMLESS PIPES</b><br> | <b>Hot Rolled</b>  | 21.00x3.00    | 755.00x100.00  |
|   | <b>Cold Drawn</b>  | Upon Request  |                |

# STEEL GRADES

| Steel Group            | Available Steel Grades |           |            |           |             |            |
|------------------------|------------------------|-----------|------------|-----------|-------------|------------|
|                        | Material No            | EN        | SAE (AISI) | DIN       | BS          | AFNOR      |
| Structural Steels      | 1.0037                 | S235Jr    | A283       | St37-2    | Fe 360 B    | E 24-2     |
|                        | 1.0044                 | S275Jr    | A529       | St44-2    | Fe 430 B    | E 28-2     |
|                        | 1.0045                 | S355Jr    | -          | St52-3    | 4360-50 B   | E 36-2     |
|                        | 1.0577                 | S355J2    | A656       | -         | -           | -          |
|                        | 1.0553                 | S355J0    | -          | St52-3U   | 4360-50 C   | E 36-3     |
|                        | 1.0050                 | E295      | -          | St50-2    | Fe 490-2 FN | A 50-2     |
|                        | 1.0060                 | E335      | -          | St60-2    | Fe 590-2 FN | A 60-2     |
|                        | 1.0070                 | E360      | -          | St70-2    | Fe 690-2 FN | A 70-2     |
| Carbon Steels          | 1.0301                 | C10       | 1010       | C10       | 040A10      | XC10       |
|                        | 1.0402                 | C22       | 1020       | C22       | 070M20      | XC25       |
|                        | 1.0528                 | C30       | 1030       | C30       | -           | -          |
|                        | 1.0511                 | C40       | 1040       | C40       | 080M40      | AS 60 C 40 |
|                        | 1.0503                 | C45       | 1045       | C45       | 080M46      | XC45       |
|                        | 1.0540                 | C50       | 1050       | C50       | C50         | -          |
|                        | 1.0601                 | C60       | 1060       | C60       | 060A62      | XC60       |
| Heat Treatable Steels  | 1.7218                 | 25CrMo4   | 4130       | 25CrMo4   | 708A25      | 25CD4      |
|                        | 1.7225                 | 42CrMo4   | 4140       | 42CrMo4   | 708M40      | 42CD4      |
|                        | 1.6565                 | 40NiCrMo6 | 4340       | 40NiCrMo6 | 818M40      | -          |
|                        | 1.6582                 | 34CrNiMo6 | 4337       | 34CrNiMo6 | 816M40      | 35NCD6     |
|                        | 1.7035                 | 41Cr4     | 5140       | 41Cr4     | 530A40      | 42C4       |
|                        | 1.6511                 | 36CrNiMo4 | 9840       | 36CrNiMo4 | 817M37      | 35NCD5     |
| Case- Hardening Steels | 1.6523                 | 21NiCrMo2 | 8620       | 21NiCrMo2 | 805H20      | 20NCD2     |
|                        | 1.7131                 | 16MnCr5   | 5115       | 16MnCr5   | 527M17      | 16MC5      |
|                        | 1.7147                 | 20MnCr5   | 5120       | 20MnCr5   | -           | 20MN5      |
| Free Cutting Steels    | 1.0715                 | 11SMn30   | 1213       | 11SMn30   | 230M07      | S250       |
|                        | 1.0718                 | 11SMnPb30 | 12L13      | 11SMnPb30 | -           | S250Pb     |
|                        | 1.0736                 | 11SMn37   | 1215       | 11SMn37   | -           | S300       |
|                        | 1.0737                 | 11SMnPb37 | 12L14      | 11SMnPb37 | -           | S300Pb     |
| Bearing Steels         | 1.3505                 | 100Cr6    | 52100      | 100Cr6    | -           | 100C6      |



### **we are at where you are!**

Kanat Celik located in Istanbul where the East meets West. We export Turkish Steel to more than 25 countries frequently. Export sales constitute 50% of the turnover.

#### **Export Countries:**

Albania, Algeria, Azerbaijan, Belgium, Bosnia And Herzegovina, Bulgaria, Cuba, Egypt, Greece, Hungary, India, Israel, Italy, Ivory Coast, Kenya, Kosovo, Mexico, Moldova, Morocco, North Macedonia, Saudi Arabia, Serbia, Spain, Syria, Tunisia, United Arab Emirates, Yemen

#### **Kanat Çelik Sanayi Ve Ticaret Anonim Şirketi (A.Ş.)**

Akçaburgaz Mah. 3038. Sok. No: 1 Esenyurt 34522, Istanbul - TURKEY  
T: 0090 212 671 38 38 F: 0090 212 886 59 94 M: 0090 535 715 11 22  
E: [info@kanatcelik.com](mailto:info@kanatcelik.com) W: [www.kanatcelik.com](http://www.kanatcelik.com) [www.bozdas.com](http://www.bozdas.com)



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