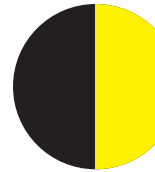
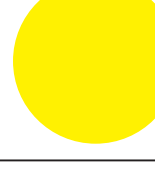


# Calidades de Aceros Ipargama

## ACEROS ESTRUCTURALES

| Denominación Ipargama | Otras denominaciones | Dureza |                                                                                     |
|-----------------------|----------------------|--------|-------------------------------------------------------------------------------------|
| <b>St-52.3</b>        | S355J2               | 1      |  |

## ACEROS PARA CEMENTACIÓN

| Denominación Ipargama            | Otras denominaciones | Dureza |                                                                                       |
|----------------------------------|----------------------|--------|---------------------------------------------------------------------------------------|
| <b>16MnCr5</b><br><b>20MnCr5</b> | 1.7131<br>1.7147     | 2<br>2 |    |
| <b>18CrMo4</b>                   | F-1550               | 3      |  |
| 20NiCrMo2-2                      | 1.6523               | 3      |  |
| <b>CMC</b>                       | F-1582<br>1.6566     | 5<br>5 |  |
| <b>CMC-EXTRA</b>                 | 18CrNiMo7-6 / 1.6587 | 7      |  |

## ACEROS DE TEMPLE Y REVENIDO

| Denominación Ipargama | Otras denominaciones      | Dureza |                                                                                       |
|-----------------------|---------------------------|--------|---------------------------------------------------------------------------------------|
| <b>C45</b>            | F-1140                    | 2      |    |
| C60                   | F-1150                    | 6      | <b>IG</b>                                                                             |
| 25CrMo4               | 1.7218                    | 5      | <b>IG</b>                                                                             |
| 34CrMo4               | 1.7220                    | 6      | <b>IG</b>                                                                             |
| <b>TNC</b>            | 42CrMo4 / 1.7225 / F-1252 | 8      |    |
| <b>TNC-EXTRA</b>      | 34CrNiMo6 / 1.6582        | 8      |    |
| <b>30CrNiMo8</b>      | 1.6580                    | 9      |  |
| 36NiCrMo16            | F-126 / 1.6773            | 8      |  |
| 51CrV4                | F-143 / 1.8159            | 8      | <b>IG</b>                                                                             |

## ACEROS DE NITRURACIÓN

| Denominación Ipargama | Otras denominaciones  | Dureza |                                                                                       |
|-----------------------|-----------------------|--------|---------------------------------------------------------------------------------------|
| <b>NTR</b>            | 31CrMoV9 / 1.8519     | 8      |  |
| <b>NTR-EXTRA</b>      | 34CrAlNi7-10 / 1.8550 | 10     |  |