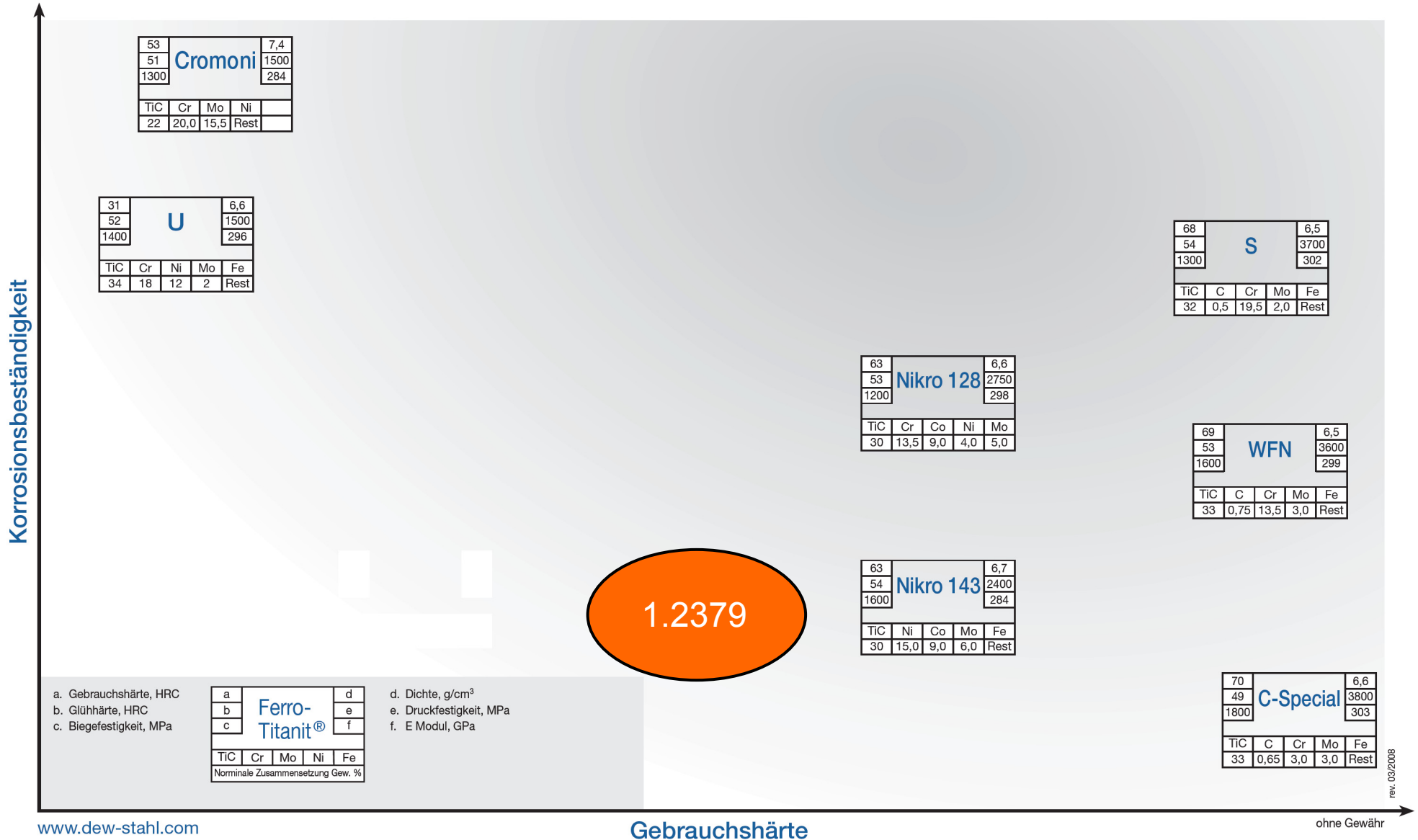


Schematischer „Stammbaum“ der Ferro-Titanit® Werkstoff Familie

DEUTSCHE EDELSTAHLWERKE
Providing special steel solutions



| | | | | |
|------|---------|------|------|------|
| 53 | Cromoni | | | 7,4 |
| 51 | | | | 1500 |
| 1300 | | | | 284 |
| TiC | Cr | Mo | Ni | |
| 22 | 20,0 | 15,5 | Rest | |

| | | | | | |
|------|----|----|----|------|------|
| 31 | U | | | | 6,6 |
| 52 | | | | | 1500 |
| 1400 | | | | | 296 |
| TiC | Cr | Ni | Mo | Fe | |
| 34 | 18 | 12 | 2 | Rest | |

| | | | | | |
|------|-----|------|-----|------|------|
| 68 | S | | | | 6,5 |
| 54 | | | | | 3700 |
| 1300 | | | | | 302 |
| TiC | C | Cr | Mo | Fe | |
| 32 | 0,5 | 19,5 | 2,0 | Rest | |

| | | | | | |
|------|-----------|-----|-----|-----|------|
| 63 | Nikro 128 | | | | 6,6 |
| 53 | | | | | 2750 |
| 1200 | | | | | 298 |
| TiC | Cr | Co | Ni | Mo | |
| 30 | 13,5 | 9,0 | 4,0 | 5,0 | |

| | | | | | |
|------|------|------|-----|------|------|
| 69 | WFN | | | | 6,5 |
| 53 | | | | | 3600 |
| 1600 | | | | | 299 |
| TiC | C | Cr | Mo | Fe | |
| 33 | 0,75 | 13,5 | 3,0 | Rest | |

| | | | | | |
|------|-----------|-----|-----|------|------|
| 63 | Nikro 143 | | | | 6,7 |
| 54 | | | | | 2400 |
| 1600 | | | | | 284 |
| TiC | Ni | Co | Mo | Fe | |
| 30 | 15,0 | 9,0 | 6,0 | Rest | |

| | | | | | |
|------|-----------|-----|-----|------|------|
| 70 | C-Special | | | | 6,6 |
| 49 | | | | | 3800 |
| 1800 | | | | | 303 |
| TiC | C | Cr | Mo | Fe | |
| 33 | 0,65 | 3,0 | 3,0 | Rest | |

- a. Gebrauchshärte, HRC
- b. Glühhärte, HRC
- c. Biegefestigkeit, MPa

| | | | | |
|----------------------------------|----------------|----|----|----|
| a | Ferro-Titanit® | | | d |
| b | | | | e |
| c | | | | f |
| TiC | Cr | Mo | Ni | Fe |
| Norminale Zusammensetzung Gew. % | | | | |

- d. Dichte, g/cm³
- e. Druckfestigkeit, MPa
- f. E Modul, GPa

1.2379