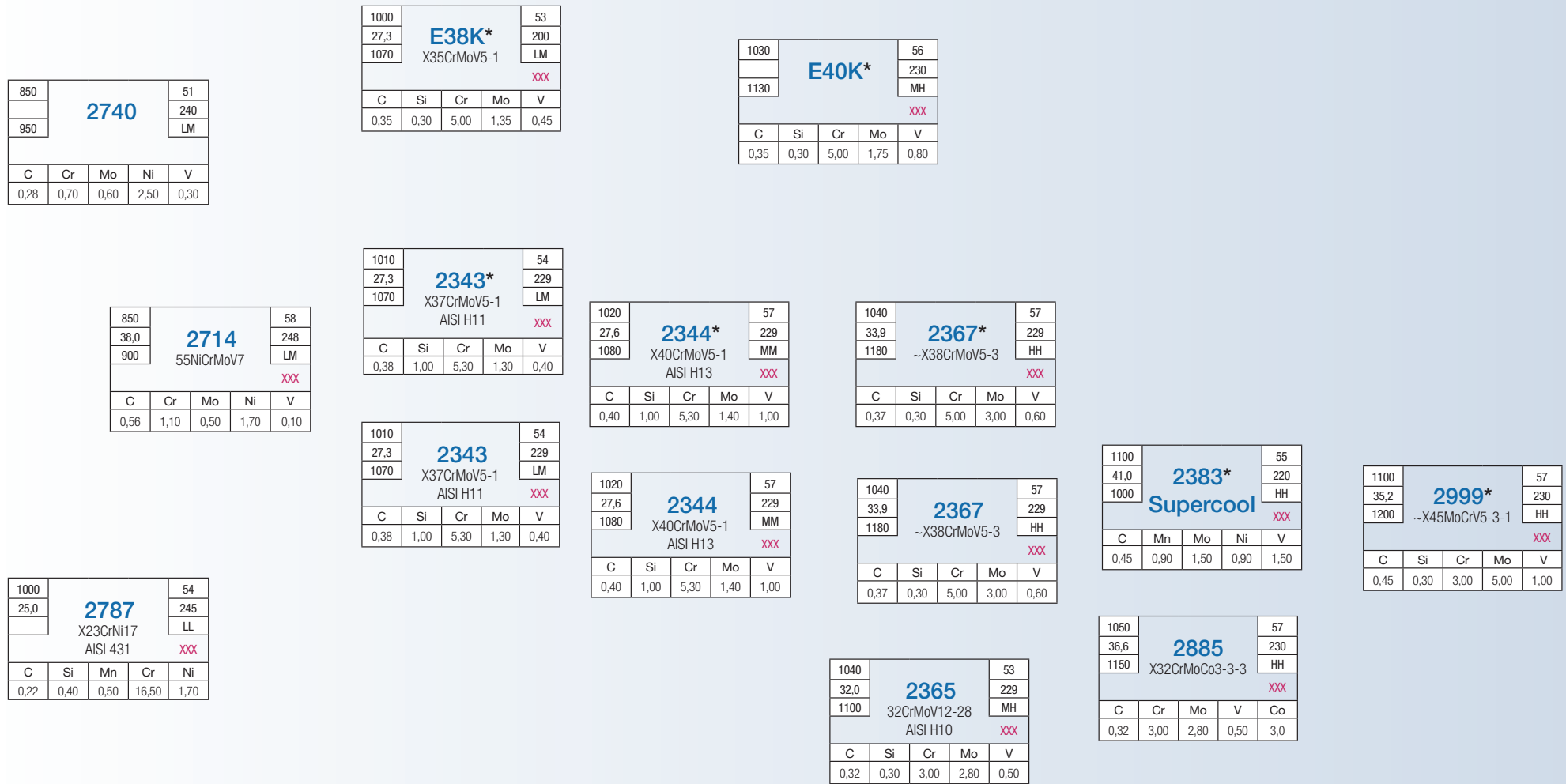


Schematic family tree of the hot work tool steels Thermodur...

Increasing high-temperature toughness



- a. Mean hardening temperature (°C)
- b. Thermal conductivity at 350°C (W/(m·K))*
- c. High temperature strength at 500°C (MPa)*
- D. German material number
- e. Abbreviated name

a	1.DDDD				f
b	eeeeeeee				g
c	AISI Bezeichnung				h(12)
					XXX
C	Si	Mo	V	S	
Standard values in %					

- f. max. hardness (HRC)
 - g. max. annealed hardness (HB)
 - h. Properties
- 1- Tempering resistance
2- Thermal shock resistance

H: high / good
M: Moderate
L: Low

*EFS Superclean (ESR)

* Datas valid for standard application strengths