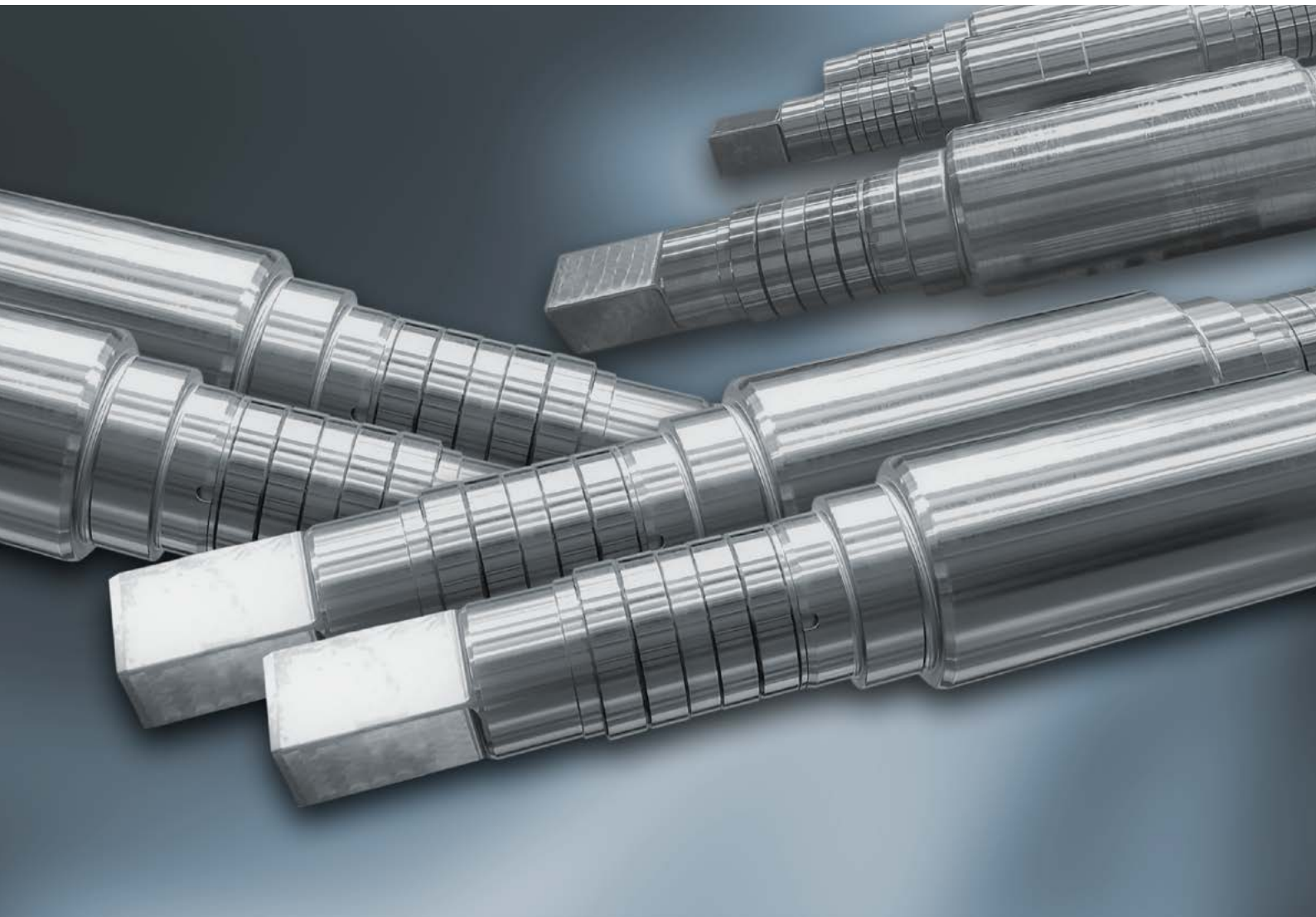


DURALIFE – next generation of forged rolls

DURALIFE EXTRA | DURALIFE SUPREME



The **DURALIFE** family of rolls is the next generation of **high-alloy rolls** for cold rolling, with the brand names **DURALIFE EXTRA** (tool steel with 5% chromium content) and **DURALIFE SUPREME** (tool steel with 8% chromium content).

DURALIFE brand rolls have a longer life time, better resistance to wear and resistance to damage, and therefore longer campaigns. One of their many advantages is that, thanks to the higher levels of ferroalloys, they have longer roughness retention and chrome plating is not required.



Chemical composition

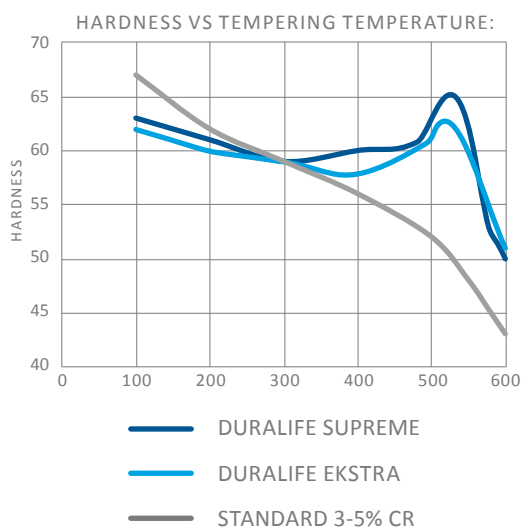
DURALIFE EXTRA

Element	C	Si	Mn	Cr	Mo	V
Min.	0.50	0.50	0.20	5.00	1.00	0.20
Max.	1.00	1.50	1.00	5.50	2.00	1.00

Chemical composition

DURALIFE SUPREME

Element	C	Si	Mn	Cr	Mo	V
Min.	0.70	0.50	0.20	7.00	1.50	0.20
Max.	1.30	1.50	1.00	9.00	3.00	1.00



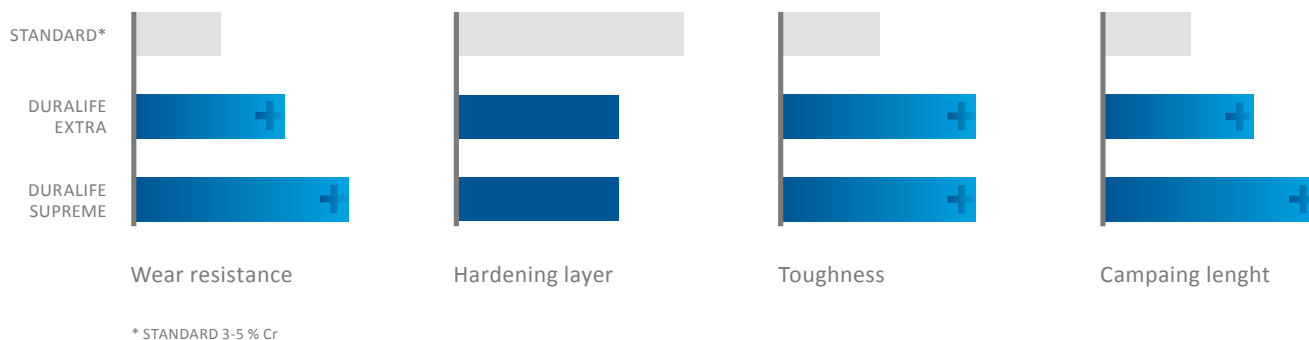
Production data

Dimensional Range	≥ φ 100 - 600 mm
Melting Method	(LF+VD)/ESR
Hardening Method	Inductive
Tempering Temperature	450-550 °C, depends on the required hardness

DURALIFE steels offer you the following benefits:

- Extremely high wear resistance
- Lower grind offs
- Better tonnage in cycle
- Resistance to local overheating
- Extended surface roughness retention
- Outstanding resistance to mill incidents
- Extended campaign length

Comparative properties



BETTER SOLUTIONS WITH LONGER LIFE TIME!

Wide range of **high-alloy rolls** for cold rolling provides our customers with a definitive competitive advantage.