

## PROFILE SPECIFICATION

The Hoesch Special Profile Sections for Lift Trucks are hot rolled and hot extruded. Sections with closest tolerances for straightness, twist and for the chamber measurement. Available in multiples or cut to length. Specified drawings with static properties are available on request.

**Material:** 1.1197/V1027M

**Condition:** Hot Rolled

### Chemical Composition

	C	Si	Mn	P	S	Al	V	N
<b>Min:</b>	0.24	0.15	1.20	0.000	0.000	0.015	0.06	0.006
<b>Max:</b>	0.28	0.30	1.40	0.025	0.025	0.035	0.10	0.012

	Cr	Ni	Mo	Cu
<b>Min:</b>	0.00	0.00	0.00	0.000
<b>Max:</b>	0.15	0.15	0.05	0.025

### Mechanical Composition

Yield	Tensile Strength	Elongation
440 N/mm	600 N/mm	>18%

**Hardness:** 180-230 HB

**Bow on Length:** 0.0015 x L(mm)

**Twist Tolerance:** 0.5 /fm

