



# DILLIMAX & DILLIDUR

ULTRA-HIGH STRENGTH AND WEAR  
RESISTANT PLATES FOR EARTH  
MOVING MACHINERY AND MINING

**High performance in the toughest conditions requires top materials in terms of performance, safety and durability.**

**DILLINGER** 



# DILLIMAX

High strength quenched and tempered fine grained steel

Steel grade	Nominal minimum yield strength [MPa] (ksi)	Charpy impact energy at [°C] (°F)	Plate thickness [mm] (in.)	Designation EN 10025-6
DILLIMAX 1100	1100 (160)	-40 (-40)	8 – 40 (0.3 to 1.6)	n.a.
DILLIMAX 965 B/T/E	960 (140)	B/T/E	6 – 125 (0.25 to 4.9)	S960Q/QL/QL1
DILLIMAX 890 B/T/E	890 (130)			S890Q/QL/QL1
DILLIMAX 690 B/T/E	690 (100)	-20/-40/-60	6 – 290 (0.25 to 11.4) <sup>a</sup>	S690Q/QL/QL1
DILLIMAX 550 B/T/E	550 (80)	(-4/-40/-76)		S550Q/QL/QL1
DILLIMAX 500 B/T/E	500 (72)			6 – 200 (0.25 to 8) <sup>b</sup>

<sup>a</sup> DILLIMAX 690 E: up to 200 mm (8 in.)  
<sup>b</sup> DILLIMAX 500 T/E and DILLIMAX 550 T/E: up to 150 mm (6 in.)



# DILLIDUR

Wear resistant steel

Steel grade	Plate thickness [mm] (in.)	
DILLIDUR 600	15 – 60 (0.6 to 2.4)	560 – 610 HBW
DILLIDUR 550	10 – 100 (0.4 to 4)	500 (520) – 580 HBW (depending on thickness)
DILLIDUR 500 <sup>a,b</sup>	8 – 100 (0.3 to 4)	450 (470) – 530 HBW (depending on thickness)
DILLIDUR 450 <sup>b,d</sup>	6 – 100 (0.25 to 4)	420 – 480 HBW
DILLIDUR 400 <sup>b,c,d</sup>	6 – 150 (0.25 to 6)	370 – 430 HBW
DILLIDUR IMPACT	40 – 150 (1.6 to 6)	310 – 370 HBW, with enhanced crack resistance
DILLIDUR 325 L	6 – 100 (0.25 to 4)	Nominal hardness 325 HBW, air hardened for higher service temperatures or hot forming

<sup>a</sup> also available as through-hardened variant DILLIDUR 500 T in thicknesses of 30 to 100 mm (1.2 to 4 in.)  
<sup>b</sup> additional requirements on request  
<sup>c</sup> also available as through-hardened variant DILLIDUR 400 T in thicknesses of 120 to 200 mm (4.8 to 8 in.)  
<sup>d</sup> Thickness < 8 mm (0.3 in.) upon request

## Your product benefits at a glance

### DILLIMAX

- Yield strengths up to 1,100 MPa
- For maximum loads

### DILLIDUR

- Hardness from 325 to 600 Brinell
- For highest wear stresses
- Wide range of grades
- Custom special specifications
- Extreme thicknesses
- Large dimensions
- Extra-heavy precision-cut plates

## Your service benefits at a glance

- Comprehensive advice by experts
- Processing upon request
- High flexibility in delivery logistics