West Yorkshire Steel



Gauge Plate

Precise ground tool steel and gauge plate for the discerning, professional toolmaker



Gauge plate (also known as ground flat stock) stockholders and suppliers, delivering to the whole of the UK. West Yorkshire Steel stock gauge plate in grade O1 tool steel; we can also produce non standard sizes. If an alternative grade is required we can manufacture gauge plate in alternative specifications such as D2, D3, EN8 and numerous other types. Supplied fully annealed, gauge plate is precision ground to close tolerances, enabling finished components to be produced with the minimum of machining. O1 gauge plate is heat treatable to a high hardness, it possesses good hardenability with excellent dimensional stability and resistance to wear.

We welcome export enquiries for gauge plate / ground flat stock. Contact our sales office and consult our <u>shipping policy</u> for further details.

Related Specifications

DIN 17350 BS EN ISO 4957 ASTM A681

Carbon Chromium Vanadium	0.95% 0.50% 0.20%	Manganese Tungsten	1.25% 0.50%	
Iy Gauge plate / ground flat stock metric sizes are available in 500mm and 10 lengths. Imperial sizes are available in 18" and 36" lengths. Standard and r standard sizes are available.				
Subject to size suitability and availability non standard gauge plate / ground flat stock sizes can be produced in approximately 2 to 3 weeks.				
	Carbon Chromium Vanadium Gauge plate lengths. Im standard siz Subject to s stock sizes	Carbon 0.95% Chromium 0.50% Vanadium 0.20% Gauge plate / ground flat lengths. Imperial sizes are standard sizes are availab Subject to size suitability stock sizes can be produc	Carbon 0.95% Manganese Chromium 0.50% Tungsten Vanadium 0.20% Gauge plate / ground flat stock metric sizes a lengths. Imperial sizes are available in 18" ar standard sizes are available. Subject to size suitability and availability nor stock sizes can be produced in approximately	



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at at 300-500°C heating is horoughly ng. Light hardening essary after
ess which may method internal imum. tions 3mm mponent Allow sufficient w and cool in n, will reduce o 830-850°C
ell at the total thickness.
50
6-55

Heat Treatment	Heat treatment temperatures, including rate of heating, cooling and soaking
	times will vary due to factors such as the shape and size of each ground flat
	stock / gauge plate component. Other considerations during the heat treatment
	process include the type of furnace, quenching medium and work piece transfer
	facilities. Please consult your heat treatment provider for full guidance on heat
	treatment of tool steels.

Quality Assured	Gauge Plate / Ground Flat Stock is supplied in accordance with our ISO 9001 :
Supply	2008 registration.

Contact West Yorkshire Steel with your enquiries for ground flat stock and gauge plate.

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