SHORT BLADE (<500mm)
HEAT TREATMENT PRICE LIST

HARDEN & TEMPER

CARBON STEEL BLADES - PRICE PER BLADE

Including Clarke Knives Damascus - Excluding steels requiring hardening from above

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	Up to 350mm	351 to 500mm
	EACH	EACH
Up to 35mm	£6.00	£7.80
36 to 50	£7.20	£9.00
50 to 70	£8.40	£10.20
70 to 90	£9.60	£11.40
90 to 125	See note below	

STAINLESS STEEL BLADES - PRICE PER BLADE

This includes carbon steel blades requiring hardening from above 1000°C

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	Up to 350mm	351 to 500mm
	EACH	EACH
Up to 35mm	£7.80	£9.60
36 to 50	£9.00	£10.80
50 to 70	£10.20	£12.00
70 to 90	£11.40	£13.20
90 to 125	See note below	

DAMASCUS & FORGED STEEL BLADES PRICE PER BLADE

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	Up to350mm	351 to 500
	EACH	EACH
Up to 35mm	£8.40	£10.20
36 to 50	£9.60	£11.40
50 to 70	£10.80	£12.60
70 to 90	£12.00	£13.80
90 to 125	See note below	

Quantity Discounts	15-29 Blades	30-44 Blades	45+ Blades
	5%	10%	15%

HAMON SERVICE

This service is only suitable for carbon steels with a carbon content of >0.7%C Eg, 1080, 1095, 80CrV2, and especially 26C3. Price is in addition to the heat treatment price above.

BLADE WIDTH AT THE WIDEST POINT (mm)	BLADE LENGTH (excl tang)	
	Up to 200mm	201 to 350mm
	EACH	EACH
Up to 35mm	£7.00	£9.45
36 to 50	£8.75	£11.81
50 to 70	£10.85	£14.65
70 to 90	£13.65	£18.43

SPECIAL SURCHARGES

Some heat treatment processes, especially those for pwoder metallurgy steels, require extreem processing conditions that either accelerate the degradation of heat tratment equipment or require extended processing times. These process conditions will be subject to additional surcharges to the standard heat treatment charges.

HARDENING FROM ABOVE 1100°C	£2 per blade
CRYOGENIC TREATMENT BELOW -30°C Blades requiring cryogenic treatment in dry ice	£45/batch of 1 to 50 blades
HIGH TEMPERATURE TEMPERING High temperature tempering above 250°C. There will be an additional charge for each high temperature temper on each blade	£1.75

Tang Toughen	£2/Blade	"Tang Toughen" is recommended for all hiddeen tang blades. It only softens the tang slightly though -the tang won't be soft enough to drill
Normalising	Total Blade Length	Up to350mm / 351 to 500
	Carbon Steel	£2.40 / £3.00
	Stainless Steel	£3.60 / £4.20
Sand Blasting	All Blades	£2.00 / £2.50
Minimum Charge, per H/T order Shipping extra.	£18	A Minimum Charge covers the extra cost of setting up to run only (usually) only 1 or 2 blades, testing, return packing, invoicing etc
Packing and Shipping via the Royal Mail or Parcelforce	£5 ***or*** £1 + cost, whichever is greater.	
Packing and Shipping via any other carrier (collected service only)	£2 plus carrier's cost	

Blades over 90mm wide can only go into our Sword Furnace and thus those under 500mm long will be charged as per a 500+ mm long blade

LONG BLADE (>500mm)
HEAT TREATMENT PRICE LIST

AND ANY BLADE OVER 90mm WIDE

HARDEN & TEMPER

CARBON STEEL BLADES - PRICE PER BLADE

Including Clarke Knives Damascus - Excluding steels requiring hardening from above

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	UNDER 900mm	OVER 900mm - NOTE, MAX HARDENABLE BLADE LENGTH 900mm
	EACH	EACH
Up to 35mm	£12.00	£16.80
36 to 50	£13.20	£18.48
50 to 70	£14.40	£20.16
70 to 90	£15.60	£21.84
90 to 125	£16.80	£23.52

STAINLESS STEEL BLADES - PRICE PER BLADE

This includes carbon steel blades requiring hardening from above 1000°C

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	UNDER 900mm	OVER 900mm MAX HARDENABLE BLADE
	EACH	EACH
Up to 35mm	£15.60	£21.84
36 to 50	£17.16	£24.02
50 to 70	£18.72	£26.21
70 to 90	£20.28	£28.39
90 to 125	£21.84	£30.58

DAMASCUS & FORGED STEEL BLADES PRICE PER BLADE

BLADE WIDTH AT THE WIDEST POINT (mm)	OVERALL BLADE LENGTH (inc tang/handle)	
	UNDER 900mm	OVER 900mm MAX HARDENABLE BLADE LENGTH 900mm
	EACH	EACH
Up to 35mm	£17.00	£24.80
36 to 50	£18.20	£26.48
50 to 70	£19.40	£28.16
70 to 90	£20.60	£29.84
90 to 125	£21.80	£31.52

Quantity Discounts	5-9 Blades	10-19 Blades	20+ Blades
	5%	10%	15%

HAMON SERVICE

This service is only suitable for carbon steels with a carbon content of >0.7%C Eg, 1080, 1095, 80CrV2, and especially 26C3. Price is in addition to the heat treatment price above.

POA

SPECIAL SURCHARGES

Some heat treatment processes, especially those for pwoder metallurgy steels, require extreem processing conditions that either accelerate the degradation of heat tratment equipment or require extended processing times. These process conditions will be subject to additional surcharges to the standard heat treatment charges.

HARDENING FROM ABOVE 1100°C	NOT AVAILABLE
CRYOGENIC TREATMENT BELOW -30°C Blades requiring cryogenic treatment in dry ice	POA
HIGH TEMPERATURE TEMPERING High temperature tempering above 250°C. There will be an additional charge for each high temperature temper on each blade	INCLUDED IN ABOVE PRICES

Tang Toughen	£2/Blade	"Tang Toughen" is recommended for all hiddeen tang blades. It only softens the tang slightly though - the tang won't be soft enough to drill
Normalising	Total Blade Length	Up to350mm / 351 to 500
	Carbon Steel	£2.40 / £3.00
	Stainless Steel	£3.60 / £4.20
Sand Blasting	All Blades	£4.00 / £6.00
Minimum Charge, per H/T order Shipping extra.	£18	A Minimum Charge covers the extra cost of setting up to run only (usually) only 1 or 2 blades, testing, return packing, invoicing etc
Packing and Shipping via the Royal Mail or Parcelforce	£5 ***or*** £1 + cost, whichever is greater.	
Packing and Shipping via any other carrier (collected service only)	£2 plus carrier's cost	