

HEAT TREATMENT PRICE LIST (14 May 2023)

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|--|---|--|--------------------|---------------------|---------------------|
| HARDEN & TEMPER | CARBON STEEL BLADES - PRICE PER BLADE | | | | |
| | Including Clarke Knives Damascus - Excluding steels 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 | 501 to 700mm | 701 to 900mm |
| | | EACH | EACH | EACH | EACH |
| | Up to 35mm | £6.00 | £7.80 | £10.80 | £14.40 |
| | 36 to 50 | £7.20 | £9.00 | £11.88 | £15.84 |
| | 50 to 70 | £8.40 | £10.20 | £12.96 | £17.28 |
| | 70 to 90 | £9.60 | £11.40 | £14.04 | £18.72 |
| | 90 to 125 | See note below | | £15.12 | £20.16 |
| | 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 | 501 to 700mm | 701 to 900mm |
| | | EACH | EACH | EACH | EACH |
| Up to 35mm | £7.80 | £9.60 | £14.40 | £18.00 | |
| 36 to 50 | £9.00 | £10.80 | £15.84 | £19.80 | |
| 50 to 70 | £10.20 | £12.00 | £17.28 | £21.60 | |
| 70 to 90 | £11.40 | £13.20 | £18.72 | £23.40 | |
| 90 to 125 | See note below | | £20.16 | £25.20 | |
| DAMASCUS STEEL BLADES - PRICE PER BLADE | | | | | |
| These prices apply to all Damascus blades, except those made from Clarke Knives Damascus. | | | | | |
| BLADE WIDTH AT THE WIDEST POINT (mm) | OVERALL BLADE LENGTH (inc tang/handle) | | | | |
| | Up to 350mm | 351 to 500 | 501 to 700mm | 701 to 900mm | |
| | EACH | EACH | EACH | EACH | |
| Up to 35mm | £8.40 | £10.20 | £14.40 | £18.00 | |
| 36 to 50 | £9.60 | £11.40 | £15.48 | £19.44 | |
| 50 to 70 | £10.80 | £12.60 | £16.56 | £20.88 | |
| 70 to 90 | £12.00 | £13.80 | £17.64 | £22.32 | |
| 90 to 125 | See note below | | £18.72 | £23.76 | |
| Quantity Discounts | Quantity discounts apply to total order size, not individual blade or material types. Eg 22 stainless blades +12 carbon blades sent in 1 delivery will receive a 10% discount on all blades | | 15-29 Blades 5% | 30-44 Blades 10% | 45+ Blades 15% |
| HAMON SERVICE | | | | | |
| This service is only suitable for carbon steels with a carbon content of >0.7% 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 | 351 to 500mm | Over 500mm |
| | | EACH | EACH | EACH | EACH |
| | Up to 35mm | £7.00 | £9.45 | £12.95 | POA |
| | 36 to 50 | £8.75 | £11.81 | £16.19 | |
| | 50 to 70 | £10.85 | £14.65 | £20.07 | |
| 70 to 90 | £13.65 | £18.43 | £25.25 | | |
| 90 to 125 | See note below | | PoA | | |
| SPECIAL SURCHARGES | | | | | |
| Some heat treatment processes, especially those for powder metallurgy steels, require extreme processing conditions that either accelerate the degradation of heat treatment 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 <small>Blades requiring cryogenic treatment in dry ice</small> | | £45/batch of 1 to 50 blades | | | |
| HIGH TEMPERATURE TEMPERING <small>High temperature tempering above 250°C. There will be an additional charge for each high temperature temper on each blade</small> | | £1.75 | | | |
| Tang Toughen | £2/Blade | "Tang Toughen" is recommended for all hidden tang blades. It only softens the tang slightly though -the tang won't be soft enough to drill | | | |
| Normalising | Total Blade Length | Up to 350mm | 351 to 500 | 501 to 700mm | 701 to 900mm |
| | Carbon Steel | £2.40 | £3.00 | £4.80 | £6.00 |
| | Stainless Steel | £3.60 | £4.20 | £7.20 | £8.40 |
| Sand Blasting | All Blades | £1.00 | £1.50 | £2.00 | £3.00 |
| Minimum Charge (per H/T order, not per blade type). Shipping extra. | £15 | A Minimum Charge covers the extra cost of setting up to run only (usually) only 1 or 2 blades, testing, return packing etc | | | |
| Packing and Shipping via the Royal Mail or Parcellforce (signed for) | £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 +C47:H58wide can only go into our Sword Furnace and thus those under 500mm long will be charged as per a 501 to 700mm long blade | | | | | |