

	<b>TECHNICAL SPECIFICATIONS HACKSAW</b>	DATE	14/10/2019
		REFERENCE	
		FROM	JERRY CAI

GENERAL INFORMATIONS			AQL LEVEL	S2/L2, 2.5/4.0
SKU	GTIN	DESCRIPTION	PICTURE	
0001700001	7630268400194	Junior Hacksaw 6"(152MM)		
0021520001	7630268400354	Saw Blade 10pc 152mm 24tpi		

BRAND	Trade Force	OPCO	TechnishUnie
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TECHNICAL REQUIREMENTS					
Reach/POPs	Yes	Package 94/62/EC	Yes	TPCH/CA65	No
ISO 2336-1	No	BS 7398	No	VDE	No

PHYSICAL CHARACTERISTIC INFO					
Frame Material	Carbon Steel ( Q195 )	Model	Frame style saw	Saw blade	Single-sided
Blade Material	Spring steel+ High speed steel	With Replace Blade	No	With Grip Handle	Yes
Color	Silver/Blue/Black	Corrosion Resistance	24h water spray (≥Grade 6)	Number of teeth per inch	24
Saw blade exchangeable	Yes	Suitable for	Brass Copper, Wood and Plastic	Handle Material	PP+TPR
Finish	Blade: Black Oxide Frame: Electroplating				

DIMENSIONS					
		0001700001	0021520001		Tolerance
OVERALL LENGTH	mm	270			± 5%
OVERALL WIDTH	mm	25			± 5%
OVERALL HEIGHT	mm	100			± 5%
BOW OPENING	mm	145			± 5%
BOW DEPTH	mm	60			± 5%
BLADE WIDTH	mm	5.9	5.9		± 5%
BLADE LENGTH	mm	152	152		+ 5%
BLADE THICKNESS	mm	0.66	0.66		± 5%
TOTAL WEIGHT	g	230	5.5		± 5%

Inset Diagram

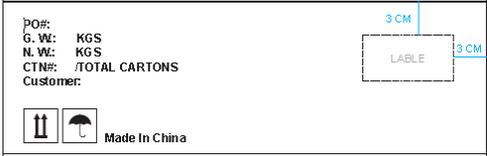
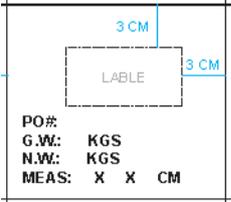
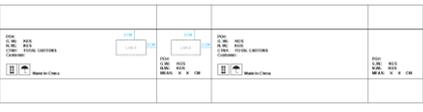
**PACKAGING**

DESCRIPTION	Saw: 6 pcs in inner box, 4 inner box in one carton Blade: 8 pcs in inner box, 4 inner box in one carton
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INNER BOX LAYOUT EXAMPLE	INNER BOX LABEL EXAMPLE	EXPORT CARTON LABEL EXAMPLE
		

TO BE CONFIRMED

**SHIPPING MARKS EXAMPLE**

FRONT	SIDE	LAYOUT
		

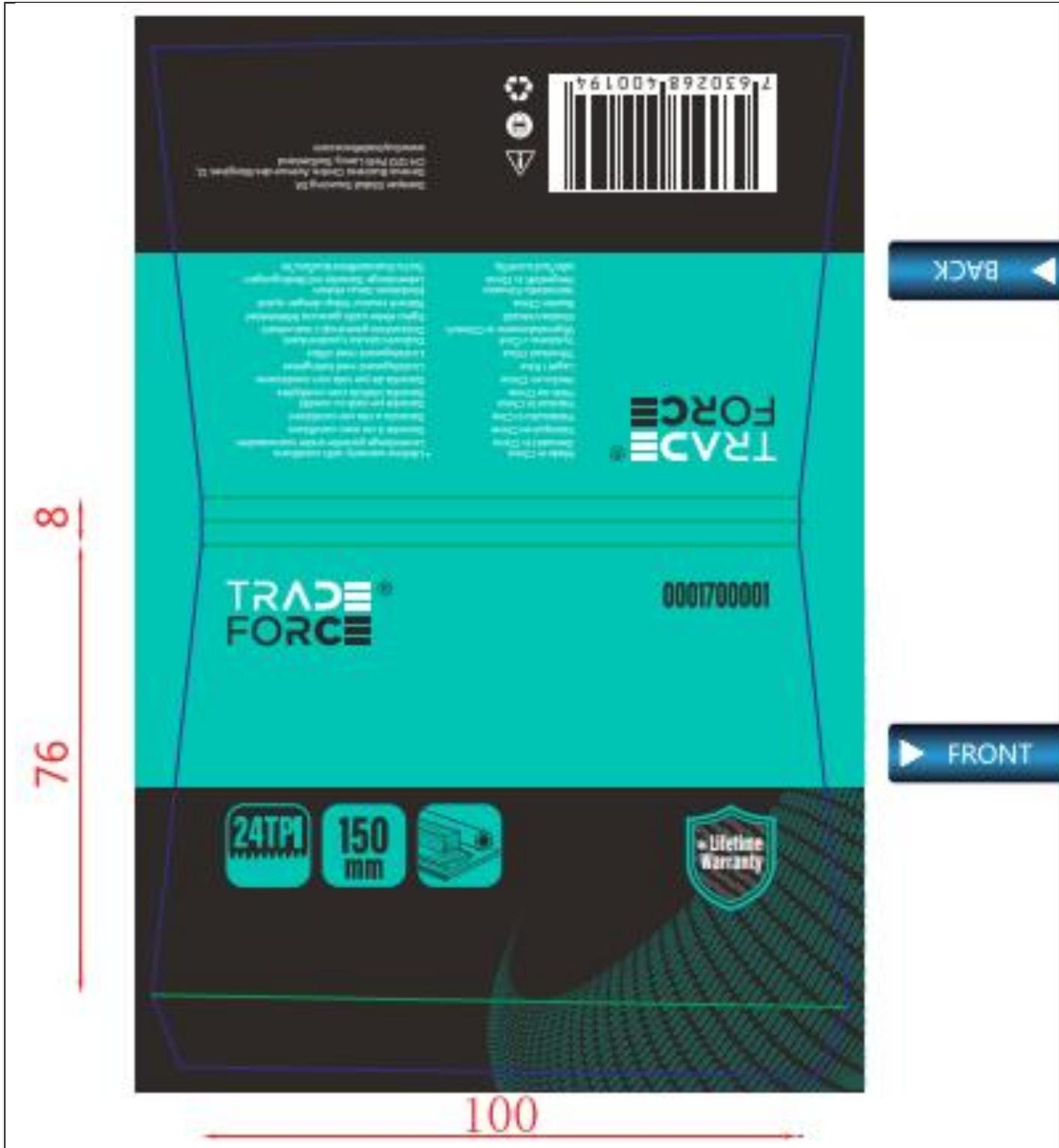
Size		Size	
Location		Location	

Tape	Standard Clear	Banding	N/A	Corners	N/A	Filming	N/A	Silica Gel	Not Allowed	Staples	Not Allowed
Pallet	No	Type	-	Fumigation	-	Qty	-	Max Weight		Max Height	

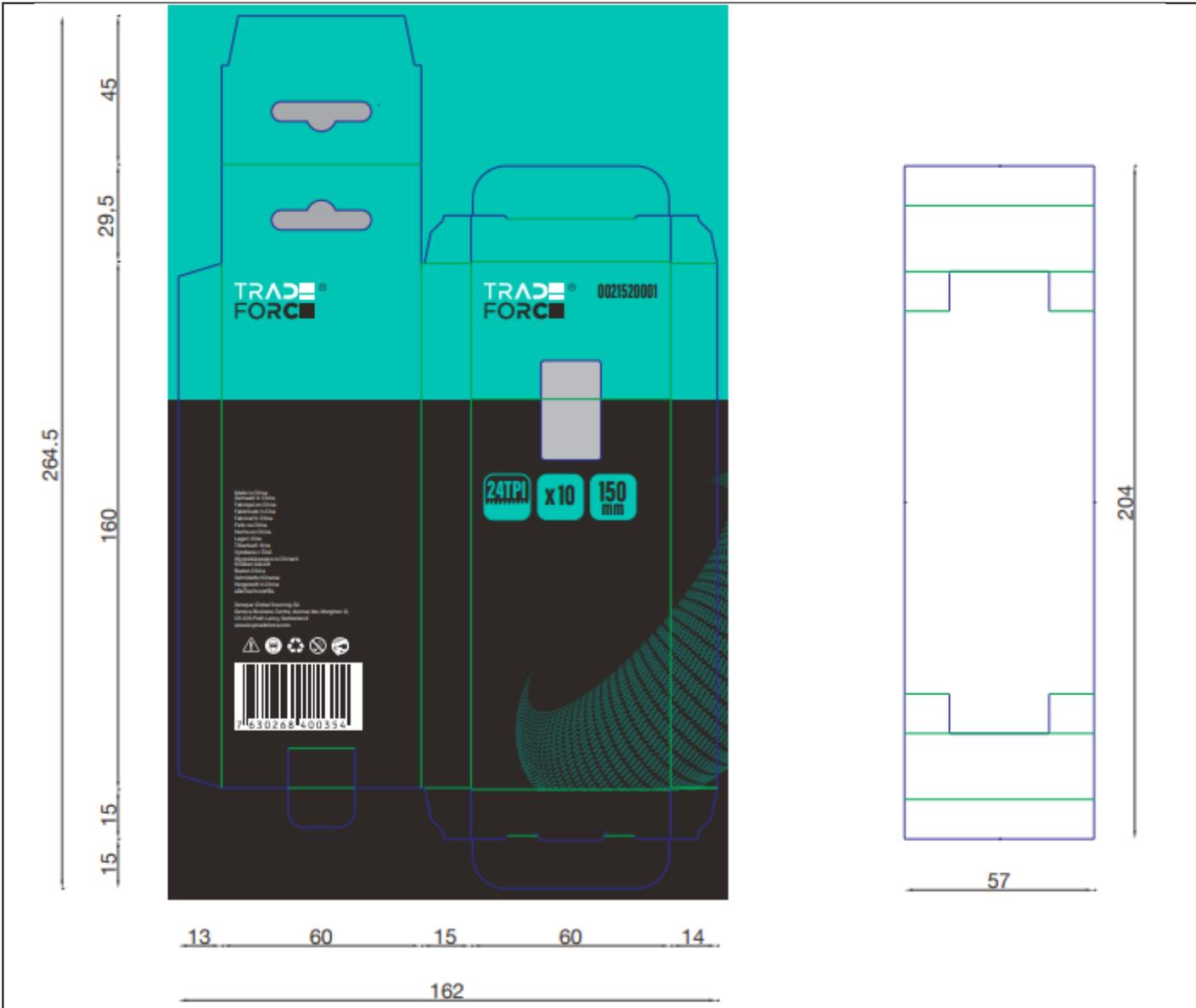
ACCESSORIES TO BE INCLUDED											
OIPM	None	Instruction sheet	None	Separated Parts	None	Assembly dwg	None	others	None		

**ARTWORK**

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OTHER ARTWORKS



COMPLIANCE REQUIREMENTS - QUALITY CHECK POINTS

<p><b>SURFACE FINISHING</b></p>	<p>Surface finishes must be uniform and continuous. The surface finish must not exhibit any visual defects such as breakage, dents, burnishing, blisters, rust, corrosion, mold, scratches, peeling, bubbles, or cracking.                  All exposed surfaces must be free of burrs and sharp edges.                  All applied finishes must adhere to the surface and show no signs of delamination or peeling.                  All painted or coated surface finishes must be lead-free. Test report must be submitted to SGSO Compliance Department (<a href="mailto:Nicolas_chambrin@sonepar.com">Nicolas_chambrin@sonepar.com</a>)</p>
<p><b>QUALITY AND RELIABILITY</b></p>	<p>Supplier must provide test report and Certificate of Conformance (COC) as proof of conformity.                  Performance and durability, such as, but not limited to, material, quality of construction and physical strength must meet</p>

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	conventional expectations for a commercial-grade product.
ISO 2336-1	Hacksaw blades – Part 1: Dimensions for hand blades
BS 7398	Hand hacksaw frames
CA 65	Safe Drinking Water and Toxic Enforcement Act.
TPCH	Toxics in Packaging Clearinghouse (TPCH) CoC.
Reach	Registration, Evaluation, Authorisation and Restriction of Chemicals”(1907/2006/EC)
POPs	Persistent Organic Pollutants (EC)No.850-2004 and amending (EU) No 1342/2014
94/62/EC	Packaging and packaging waste
TESTING EQUIPMENTS	All testing equipment used in the factory must be properly calibrated and follow standard testing procedure.
ECN	After approval of the initial Production Sample, <b>SUPPLIERS MUST COMMUNICATE ANY AND ALL PROPOSED PRODUCT or FACTORY CHANGES TO SONEPAR ENGINEERING PRIOR TO MAKING ANY CHANGES TO THE PRODUCT.</b> No product changes can be made or accepted without prior communication with SONEPAR Engineering
INITIAL APPROVAL	Prior to packaging, each unit shall be inspected and tested by the manufacturer for function, appearance and adherence to these specifications. The unit must function properly in accordance with the procedures and operations cited within the Operator’s Manual (OIPM) and must be free of breakage, dents, burnishing, blisters, rust, corrosion, mold, scratches, peeling, bubbles, and cracking. If this is the first shipment of this product to SONEPAR, SONEPAR Engineering must approve production samples before the product is shipped to SONEPAR.
Content of labels	All product must be marked as per the third party test report available.
Appearance of all Labels and/or Printing	All labels must be applied straight and even without any air-bubbles or creases. The labels must adhere uniformly to the surface. Any surface printing must be permanent and legible without pinholes, smearing, or other such defects that would render the print unreadable.
ISTA TEST	All products must be securely packaged in such a manner as to pass the <b>ISTA 1A or 1B</b>
GENERAL PROTECTION	The product must be packaged and protected as necessary to prevent any shipping damage that may be incurred by abrasion, corrosion, moisture (humidity or condensation), vibration and/or shock.
INTEGRITY	Upon reception by OPCO, all packaging must be intact and all product components must remain functional and firmly attached to the product as when the unit was originally built. There shall be no evidence of breakage, dents, burnishing, blisters, rust, corrosion, mold, scratches, peeling, bubbles, or cracking.
WOOD MATTER	All wooden pallets and wooden crates must be checked for moisture content. The moisture content reading must be below 18% to prevent mold developing.
SPECIAL REQUIREMENTS	None

**PRODUCT LISTED IN THIS TECHNICAL SPECIFICATION MUST COMPLY WITH ALL THE ABOVE REQUIREMENTS. MANUFACTURER IS RESPONSIBLE FOR CONFORMITY OF THE PRODUCT, EVEN AFTER THE PRODUCT HAS BEEN PUT ON THE MARKET**

REVISION HISTORY				
VERSION	COMMENTS	DATE	By	Approved By
1	Initial Release	10/08/2019	Jerry Cai	