

Star Rapid Limited

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Order Acknowledgement

OA Number: H190122
Date: 18-Jan-2019
Invoice Value: US\$13,200.00

Bill To
University of Michigan Alejandro Azocar (afazocar@umich.edu) Tel: 832-755-8368 U-M SSC Accounts Payable 3003 S. State Street Ann Arbor, 48109-1282 United States of America
Ship To
University of Michigan Alejandro Azocar (afazocar@umich.edu) Tel: 832-755-8368 2350 Hayward Street Rm#1495 Bldg: G.G. Brown Ann Arbor, MI 48109-2125 United States of America

Details
Customer ID : US001736 Customer PO signed quote
Quote #: P013639D Sales: Dara SHABNAM Email: DARA.SHABNAM@starrapid.com
Currency: US Dollar Terms: Net 30 Days
Shipping Terms: UPS SAVER

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
001	p0002_pyramid	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$144.00	US\$288.00
002	p0003_shaftCapA1	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00
003	p0003_shaftCapA2	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00
004	p0003_shaftCapA3	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00
005	p0003_shaftCapB1	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
006	p0003_shaftCapB2	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00
007	p0003_shaftCapB3	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$85.00	US\$340.00
008	p0003_shaftCapConcentric	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	8.00	US\$69.00	US\$552.00
009	p1001_stage1InputPulley_2mm_16	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$207.00	US\$414.00
010	p1002_motorBearingHousing	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$148.00	US\$296.00
011	p1003_motorPulleyLock	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: Dark grey (PANTONE #18-0306) Remarks: There will be color deviation for the Dark Grey anodizing.	18-21 Day(s)	2.00	US\$97.00	US\$194.00
012	p1004_motorCouplingKnee	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$60.00	US\$240.00
013	p1005_pulleyFlange_stage1Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	8.00	US\$37.00	US\$296.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
014	p1006_stage2InputPulley_5mm_14	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$165.00	US\$330.00
015	p1007_stage1OutputPulley_2mm_8	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$270.00	US\$540.00
016	p1008_pulleyFlange_stage2Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	4.00	US\$48.00	US\$192.00
017	p1009_stage3InputPulley_5mm_14	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$165.00	US\$330.00
018	p1010_stage2OutputPulley_5mm_4	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$221.00	US\$442.00
019	p1011_pulleyFlange_stage3Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	4.00	US\$48.00	US\$192.00
020	p1012_stage3OutputPulley_5mm_4	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$327.00	US\$654.00
021	p1013_proxPyramid	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$282.00	US\$564.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
022	p1014_proxPyramidStrut	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	18-21 Day(s)	4.00	US\$199.00	US\$796.00
023	p1015_magnetHolder	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$48.00	US\$192.00
024	p1016_distalBase	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$136.00	US\$272.00
025	p1016_distalBaseLoadcell	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$136.00	US\$272.00
026	p1017_kneeEncoderHousing	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	4.00	US\$50.00	US\$200.00
027	p1018_housingKneeRight	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: Dark grey (PANTONE #18-0306) Remarks: There will be color deviation for the Dark Grey anodizing.	18-21 Day(s)	2.00	US\$471.00	US\$942.00
028	p1019_housingKneeLeft	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: Dark grey (PANTONE #18-0306) Remarks: There will be color deviation for the Dark Grey anodizing.	18-21 Day(s)	2.00	US\$585.00	US\$1,170.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
029	p1020_pulleyGuard	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$72.00	US\$144.00
030	p1021_electronicsCover Knee	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	18-21 Day(s)	2.00	US\$134.00	US\$268.00
031	p1022_standoffSlotted	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	12.00	US\$33.00	US\$396.00
032	p1101_gearStopNoSpring	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	4.00	US\$127.00	US\$508.00
033	p1102_spacer	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	18-21 Day(s)	2.00	US\$148.00	US\$296.00
		Additional Charges: Shipment cost				US\$180.00
					GRAND Total:	US\$13,200.00

NOTES

1. Terms & Conditions

Acceptance of our quotation or placing of an order shall constitute acceptance of our terms & conditions:

www.starrapid.com/terms-and-conditions/

2. Import

All importers are legally required to provide a valid HS Code for the purposes of importation into your own country.

3. Payment

3.1 General

- Prices exclude VAT. You may be required to pay VAT and Import Duties in your own Country.
- A 4% fee will be applied to orders that are paid via PayPal.

3.2 Tooling

- Proforma Invoice upon receipt of Customer PO, tooling project starts after receiving 50% upfront payment.
- If no approval received within 30 days after 1st sample shipment, the balance 50% is treated as payment due.
- If delay is caused due to customer's fault (e.g. design change & etc), the customer shall pay 50% balance amount and we carry on the order upon receipt of the 50% balance.

4. Other

4.1 General

- Special tolerance requirement should be provided before the order confirmation, otherwise our standard tolerances will apply.
- The buyer is fully responsible for the correctness of the supplied data files. Star Rapid is not responsible to check for consistency between the files. When 3D CAD and 2D drawings are supplied, the parts will be manufactured according to the 3D CAD files. The 2D drawings will be used for general information and tolerances only.

4.2 RP - Star Rapid's General Tolerances (finer tolerances are based on best effort only!)

- CNC (Metals): DIN ISO 2768 fine | CNC (Plastics): DIN ISO 2768 medium
- Vacuum casting: between +/- 0.2mm or 0.15% (depend on part size)
- SLA: +/- 0.1mm < 100mm or +/- 0.2mm (100mm to 200mm)
- SLS: +/- 0.2mm < 100mm or +/- 0.3mm (100mm to 200mm)

4.3 Tooling &, Molding incl. ECN

- Tooling lead-time (T1) starts from Design for Manufacturing (DFM) confirmation.
- 5 pcs/sets of samples for tool approval plus shipment are included.
- Tool price includes first inspection report - supplied upon request only. (NO FULL ISIR)
- If no molding order received over 18 months since last order, the mold may be scrapped by STAR if no reply received within 1 month upon our enquiry about the disposal method of the mold.

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Bank Information

HSBC (The Hong Kong and Shanghai Banking Corporation Limited)
Address: 1 Queen's Road, Central, Hong Kong
Account Name: Star Rapid Limited
Account Number: 817-890171-838
Swift Code: HSBCHKHKKH
Bank Code: 004817