

Star Rapid Limited

Rm 802, 8/F, Chevalier House, 45-51 Chatham Road South,
 Tsim Sha Tsui, Kowloon, Hong Kong
 Tel.: +852 28494 555 | Fax: +852 28494 556
 Email: enquiry@starrapid.com | www.starrapid.com

QUOTE.

Number: P013619K
 Date: 22-Sep-2020
 Valid until: 22-Oct-2020

Quote To
University of Michigan Maurice Miro (mmiro@umich.edu) Tel: +1 (586) 690-1170 2350 Hayward Street Rm#1495 Bldg: G.G. Brown Ann Arbor, MI 48109-2125 United States of America

Details
Sales: Dara SHABNAM Email: DARA.SHABNAM@starrapid.com Currency: US Dollar Terms: Net 30 Days Ship Via: ExWorks Ref.:

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:	17-20 Day(s)	1	US\$206.00	US\$206.00
003	p0003_shaftCapA1	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00
004	p0003_shaftCapA2	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00
005	p0003_shaftCapA3	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00
006	p0003_shaftCapB1	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00
007	p0003_shaftCapB2	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
008	p0003_shaftCapB3	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$116.00	US\$232.00
009	p0003_shaftCapConcentric	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	4	US\$84.00	US\$336.00
010	p2001_stage1InputPulley_3mm_17	Process: CNC Part Material: 17-4PH SS Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$309.00	US\$309.00
011	p2002_motorCouplingAnkle	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	2	US\$81.00	US\$162.00
012	p2003_pulleyFlange_stage1Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	17-20 Day(s)	2	US\$57.00	US\$114.00
013	p2004_pulleyFlange_stage1Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	17-20 Day(s)	2	US\$69.00	US\$138.00
014	p2005_stage2InputPulley_3mm_17	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$227.00	US\$227.00
015	p2006_stage1OutputPulley_3mm_6	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$346.00	US\$346.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
016	p2007_pulleyFlange_stage2Input	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	17-20 Day(s)	2	US\$69.00	US\$138.00
017	p2008_stage2OutputPulley_3mm_6	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$233.00	US\$233.00
018	p2009_linkageCoupler	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$322.00	US\$322.00
019	p2010_shaftCover	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: ?Dark grey (PANTONE #18-0306) Remarks:	17-20 Day(s)	9	US\$36.00	US\$324.00
020	p2011_proxBase	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	17-20 Day(s)	1	US\$168.14	US\$168.14
021	p2011_proxBaseLoadcell	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	17-20 Day(s)	1	US\$165.00	US\$165.00
022	p2013_housingAnkleLeft	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: ?Dark grey (PANTONE #18-0306) Remarks:	17-20 Day(s)	1	US\$527.00	US\$527.00
023	p2013_housingAnkleRight	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+dark grey anodized Surface Color: ?Dark grey (PANTONE #18-0306) Remarks:	17-20 Day(s)	1	US\$527.00	US\$527.00

Item #	Item Name	Description	Lead Time	Quantity	Unit Price	Amount
024	p2014_electronicsCover Ankle	Process: CNC Part Material: Black ABS Surface Finish: As machined (Ra3.2) Surface Color: Black Remarks:	17-20 Day(s)	1	US\$139.00	US\$139.00
025	p2015_ankleBaseFlat	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	17-20 Day(s)	1	US\$495.00	US\$495.00
026	p2015_ankleBaseVariFI ex	Process: CNC Part Material: AL7075-T6 Surface Finish: Bead blasted+black anodized Surface Color: Black Remarks:	17-20 Day(s)	1	US\$491.00	US\$491.00
027	p2016_shaftSupport	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks:	17-20 Day(s)	1	US\$179.00	US\$179.00
028	p2017_shaftAnkleJoint	Process: CNC Part Material: AL7075-T6 Surface Finish: As machined (Ra3.2) Surface Color: Natural Remarks: Additional Charges: shipment cost	17-20 Day(s)	2	US\$70.00	US\$140.00 US\$110.00
					PARTS Total:	US\$7,078.14
					GRAND Total:	US\$7,188.14

Thank you for the opportunity to quote. Please contact us if you have any enquiries concerning this quote.

Please sign and return this quotation by email to confirm your order.

Date

Signature

I confirm that I am an authorized signatory of the client company.

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

- This quotation is based upon data received and is subject to final designs and specifications and any non standard inspection or test requirements.
- 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 Prototype'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: +/-0.3% (with a minimum of +/-0.3mm on dimension less than 100mm)
- SLA: +/- 0.2% (with a minimum of +/-0.2mm)
- 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.

4.4 Anodising Process

- Colour: We cannot guarantee to colour match anodised parts to Pantone, RAL, or other reference systems. If you can provide us with a golden sample of a part that is in exactly the same material; with the same surface finish prior to anodising; anodised by the same process; to the same depth; and dyed with the same dye chemistry; and then we can attempt to colour match the sample, but this cannot be guaranteed as the anodising process is far too sophisticated and varied to achieve the same results. There is no guarantee that the colours will be the same from batch to batch; therefore we strongly recommend that you anodise all parts of the same colour, in a single assembly, at the same time. Do not expect parts with different material grades, different finishes, or anodised to differing depths, to have the same colour even if done in the same batch. In short, dying anodised parts is an incredibly sophisticated and unstable process and no guarantees of any kind relating to colour can be given for prototype or low-quantity parts.
- Tolerances: Any feature that carries a high-precision-tolerance (better than DIN ISO 2768-f) cannot be guaranteed after anodising. We recommend that high-precision features should be either masked before anodising, or machined after anodising. We also cannot guarantee high-precision-tolerances after any kind of sanding, sand-blasting, bead-blasting, rumbling, or any other secondary process. We can only guarantee high-precision-tolerances if the features is left completely untouched after machining.

Star Rapid Limited

Rm 802, 8/F, Chevalier House, 45-51 Chatham Road South,
Tsim Sha Tsui, Kowloon, Hong Kong
Tel.: +852 28494 555
Fax: +852 28494 556
Email: enquiry@starrapid.com | www.starrapid.com

Bank Information

Account Holder Name: Star Rapid Limited
Account Number: 000687799
Bank Name: DBS BANK (HONG KONG) LTD
Bank street address: 11/F, The Center, 99 Queen's Road Central,
Central, Hong Kong
Bank Country: China
Bank Code: 016
Swift Code(BIC): DHBKHKHH