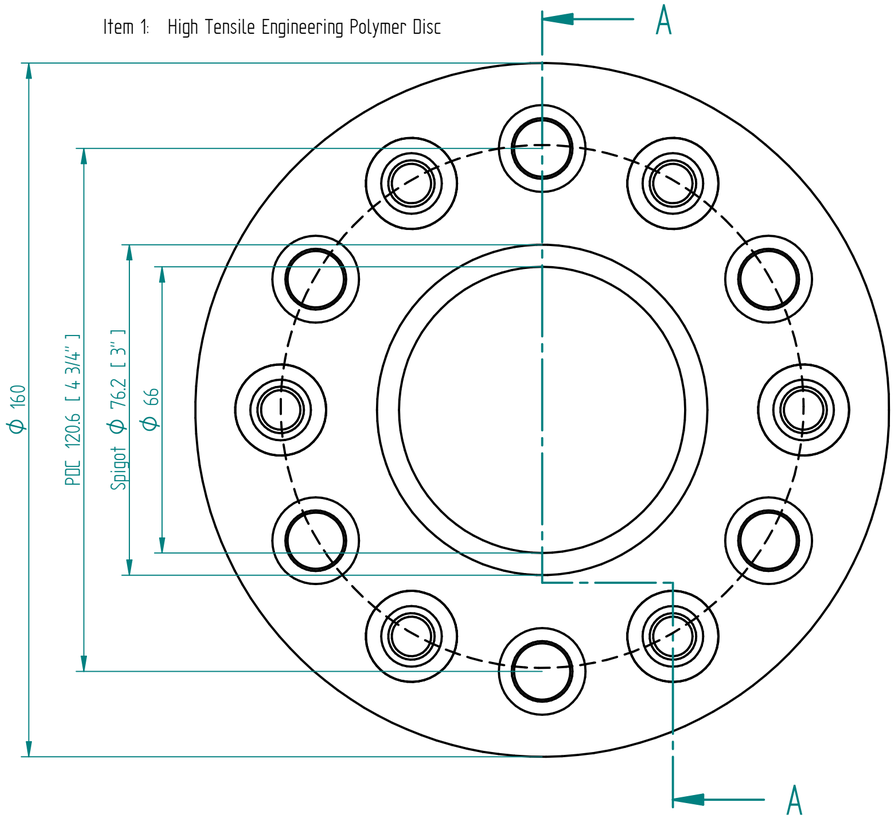
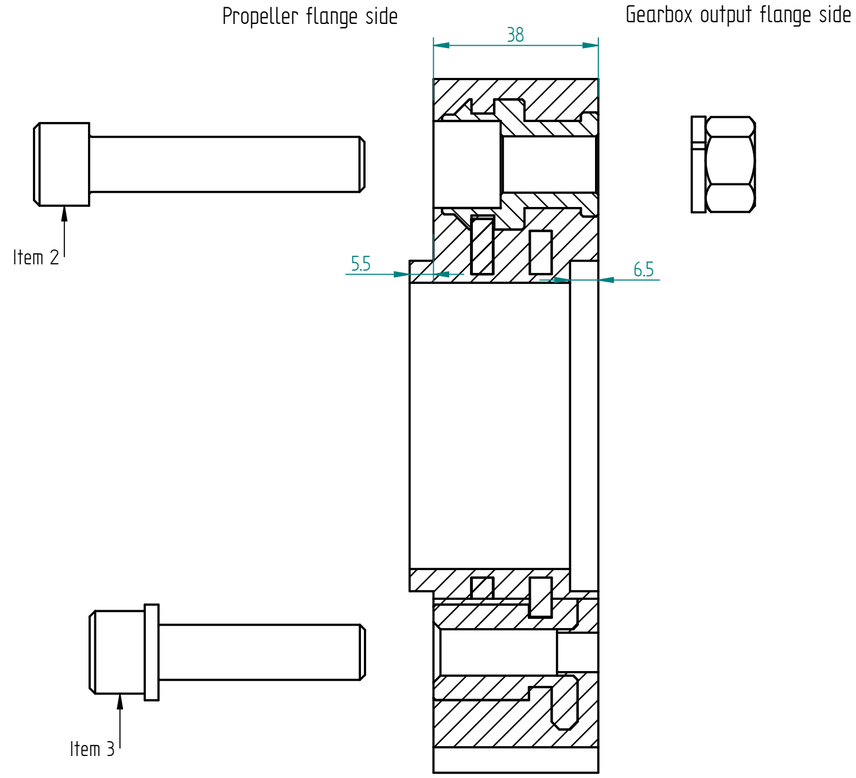
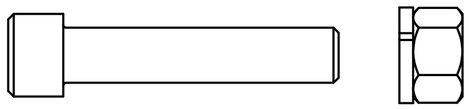
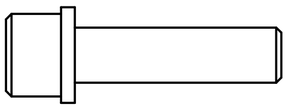
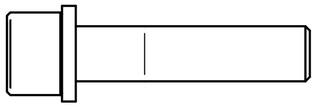
Item 1: High Tensile Engineering Polymer Disc



Item 2: $\frac{1}{2}$" UNC x 2 $\frac{1}{2}$" SHCS, Nut and Spring Washer

| Item 3 Socket Head Cap Screw and Spring Washer | |
|---|---|
| For Prop Flange Thicknesses greater than 12mm, up to 17mm. | For Prop Flange Thicknesses of greater than 17mm, up to 23mm. |
|  |  |
| 1/2" UNC x 2" SHCS and Spring Washer | 1/2" UNC x 2 1/4" SHCS and Spring Washer |

# IFC-6100IV-HT

*Note:
It is critical to ensure the bolt holding the prop shaft flange to the coupling has enough engagement with the coupling internal threaded insert. The bolt must also not protrude from the coupling to interfere with the gearbox flange.

Please reach out to Isoflex incase of any questions

$\frac{1}{2}$" UNC SHCS - AS2465 Grade 8 Zinc Plated

Bolt Shear Capacity 'Thread' [BSC] = 52kN
Bolt Pattern Shear Capacity [BPSC] = 18,720 Nm
Bolt Pattern Design Torque [BPDT] = 6,240 Nm

BDPT = $\frac{1}{3}$ x BPSC

IFC-6100IV-HT Coupling Ratings:
Pleasure craft = 5,175 Nm
Intermediate = 4,575 Nm
Continuous = 3,050 Nm

IFC-6100IV-HT Coupling Weight = 2.6 kg

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| TITLE | IFC6100IV-HT General Arrangement | | IsoFlex MINIMIZING VIBRATION |
|---|---|---|---|
| | NAME | DATE | |
| DRAWN | Hugh Harris | 26/Jun/26 | |
| CHECKED | Matthew McCart | 26/Jun/26 | |
| APPR | Matthew McCart | 26/Jun/26 | |

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS | SIZE A2 | DWG NO IFC6100IV-HT | REV C5 |
|---|---|---|---|
| | FILE NAME: IFC6100IV-HT General Arrangement_C5.dft | | |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE | SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1 |