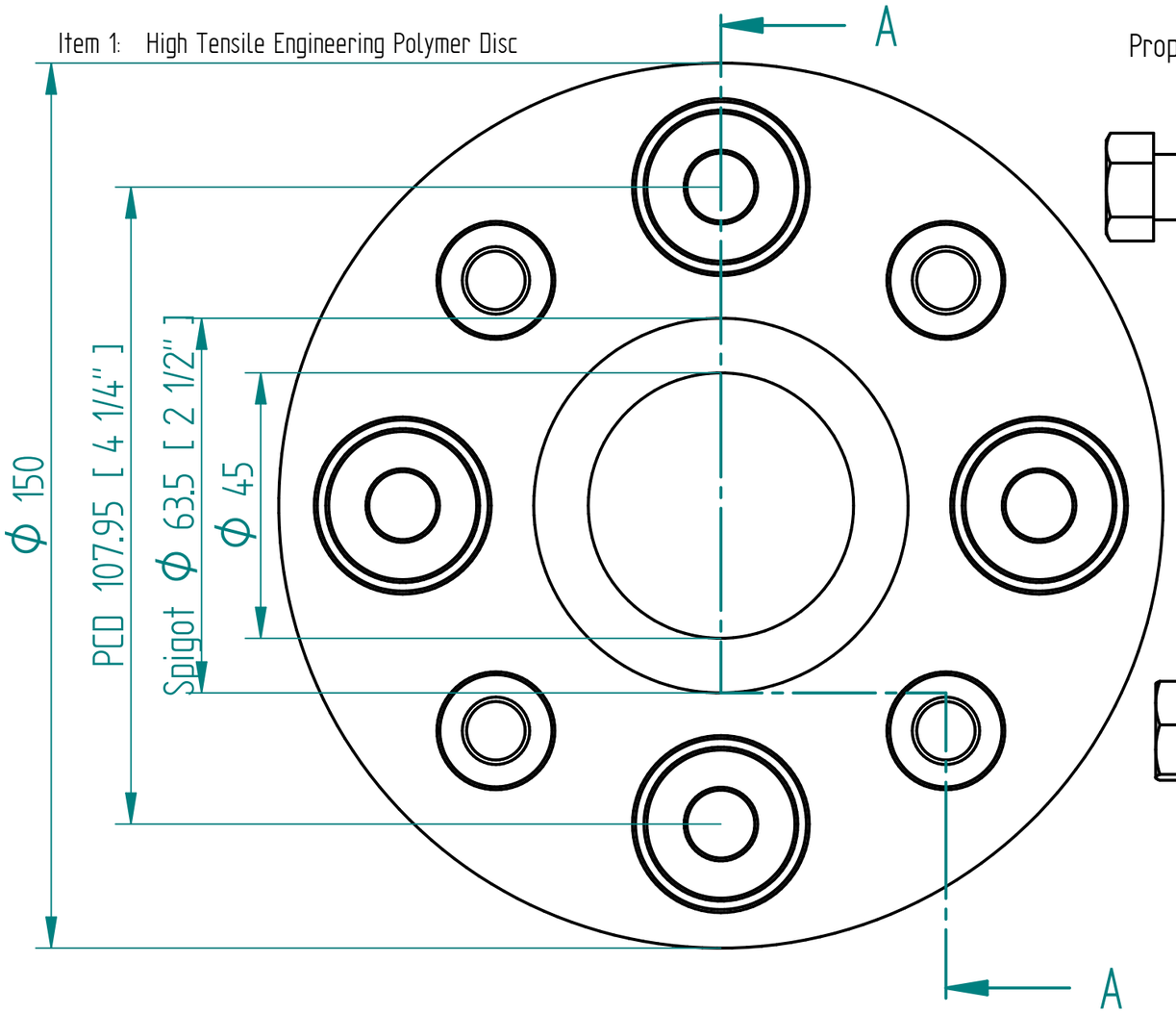
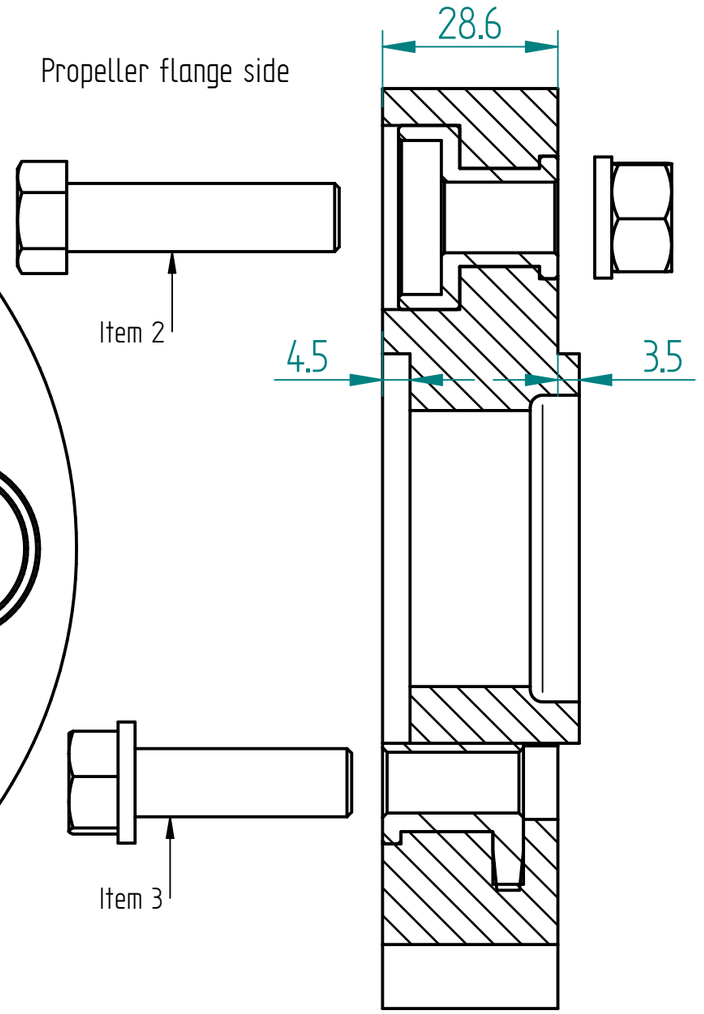
Item 1: High Tensile Engineering Polymer Disc



Propeller flange side

Gearbox output flange side



SECTION A–A

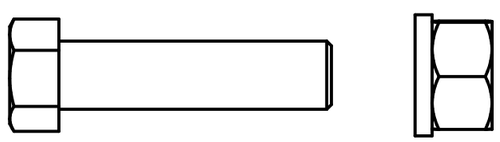
$\frac{7}{16}$" UNF Hex Bolts – AS2465 Grade 5 Zinc Plated

Bolt Shear Capacity 'Thread' [BSC] = 36kN
Bolt Pattern Shear Capacity [BPSC] = 7,772 Nm
Bolt Pattern Design Torque [BPDT] = 1,943 Nm

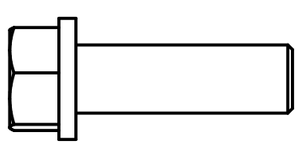
BDPT = $\frac{1}{4}$ x BPSC

IFC-4500-95 Coupling Ratings:
Pleasure craft = 1150 Nm
Intermediate = 1000 Nm
Continuous = 675 Nm

IFC-4500-95 Coupling Weight = 1.2 kg
Mass Moment of Inertia I = 0.00364 kg.m^2
Ave Torsional Stiffness = 14163 Nm/rad

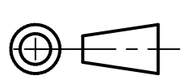


Item 2: $\frac{7}{16}$" UNF x 1 $\frac{3}{4}$" Hex Bolt, Nut and Spring Washer



Item 3: $\frac{7}{16}$" UNF x 1 $\frac{1}{2}$" Hex Bolt and Spring Washer

IFC-4500-95



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TITLE	IFC4500-95 General Arrangement	
	NAME	DATE
DRAWN	Matthew McCart	12/Jul/22
CHECKED	–	–
APPR	–	–

IsoFlex™ MINIMIZING VIBRATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SIZE	DWG NO	REV
A3	IFC4500-95	B2

FILE NAME: IFC4500-95 General Arrangement_B2.dft

SCALE: 1:1	WEIGHT:	SHEET 1 OF 1