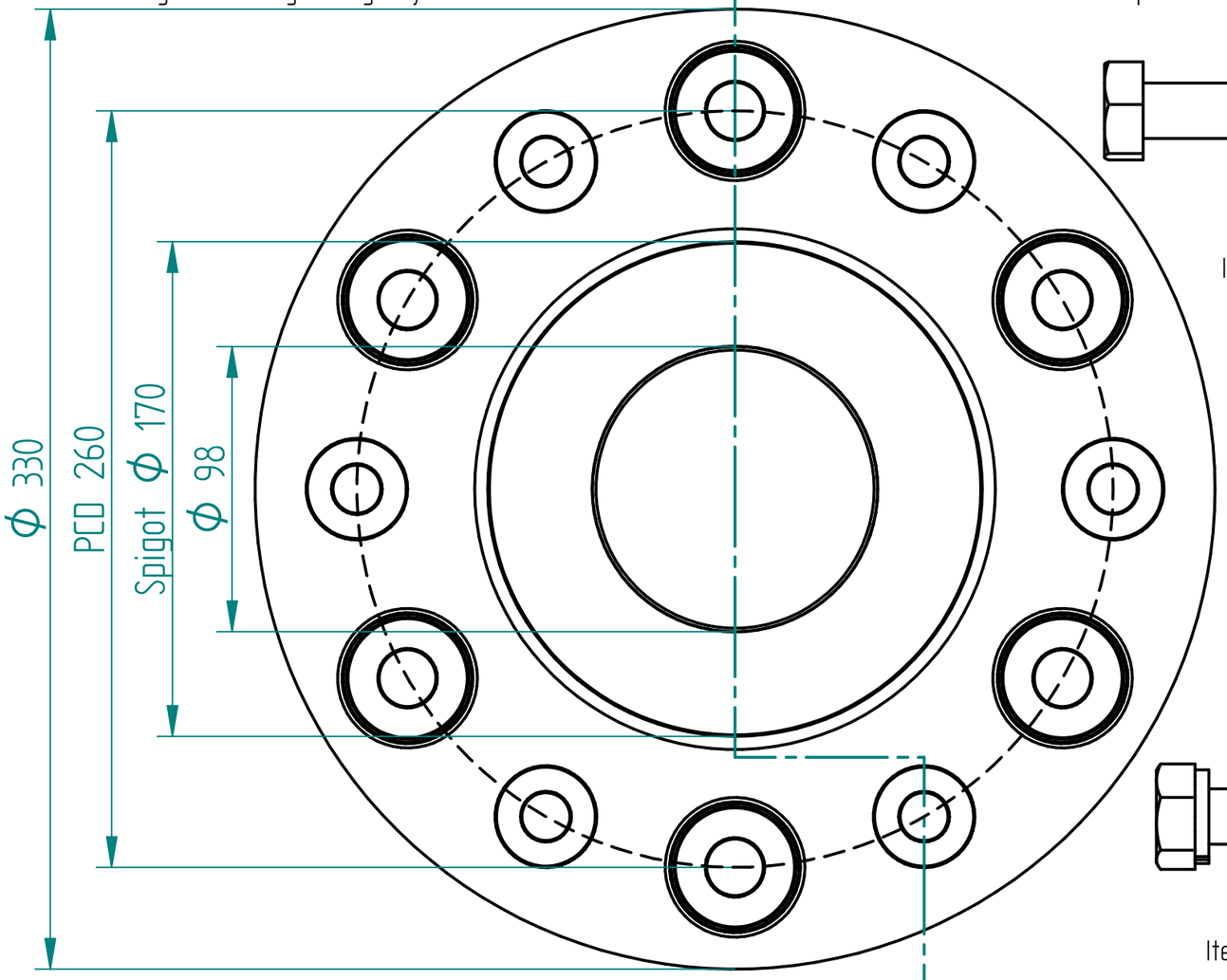
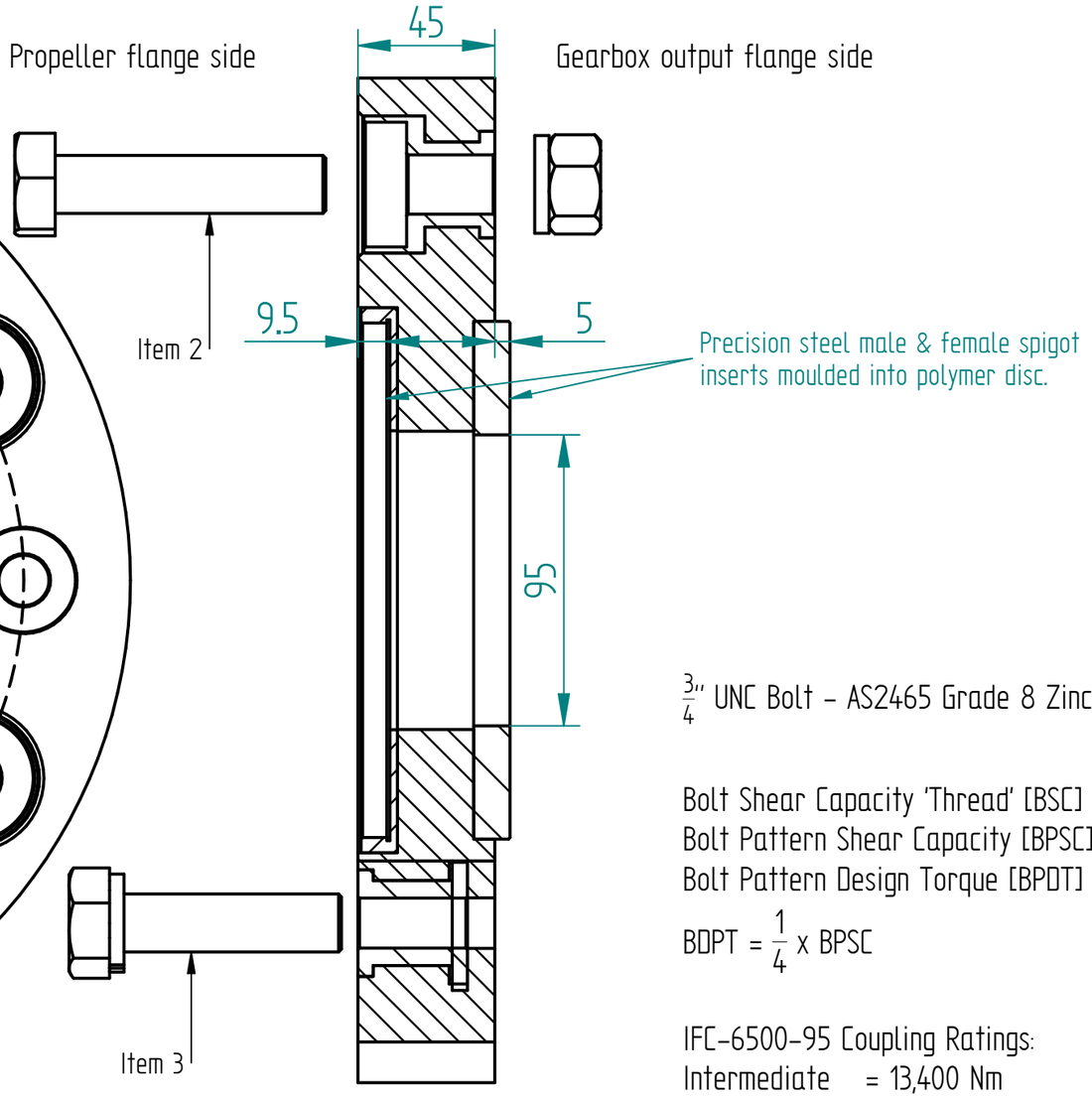
Item 1: High Tensile Engineering Polymer Disc



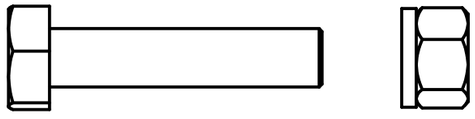
Propeller flange side

Gearbox output flange side

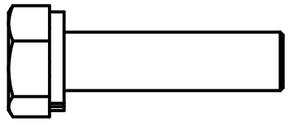


SECTION A–A

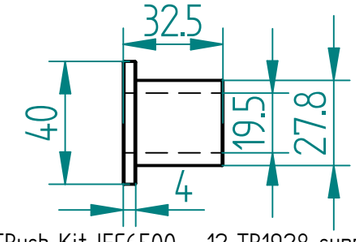
IFC-6500-95



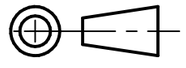
Item 2: $\frac{3}{4}$" UNC x 3 $\frac{1}{2}$" Hex Head Bolt, Nut and Spring Washer



Item 3: $\frac{3}{4}$" UNC x 3" Hex Head Bolt and Spring Washer



Item 4: TBush Kit IFC6500 – 12 TB1928 supplied



$\frac{3}{4}$" UNC Bolt – AS2465 Grade 8 Zinc Plated

Bolt Shear Capacity 'Thread' [BSC] = 126kN
Bolt Pattern Shear Capacity [BPSC] = 98,280 Nm
Bolt Pattern Design Torque [BPDT] = 24,570 Nm

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

IFC-6500-95 Coupling Ratings:
Intermediate = 13,400 Nm
Continuous = 8,950 Nm

IFC-6500-95 Coupling Weight = 11.0kg
Mass Moment of Inertia I = 0.15907 kg.m^2
Average Torsional Stiffness = 426192 Nm/rad

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TITLE	IFC6500 General Arrangement	
	NAME	DATE
DRAWN	Matthew McCart	05/Sep/23
CHECKED	–	–
APPR	–	–

IsoFlex MINIMIZING VIBRATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SIZE	DWG NO	REV
A3	IFC6500	C2

FILE NAME: IFC6500 General Arrangement_C2.dft

SCALE: 1:2	WEIGHT:	SHEET 1 OF 1