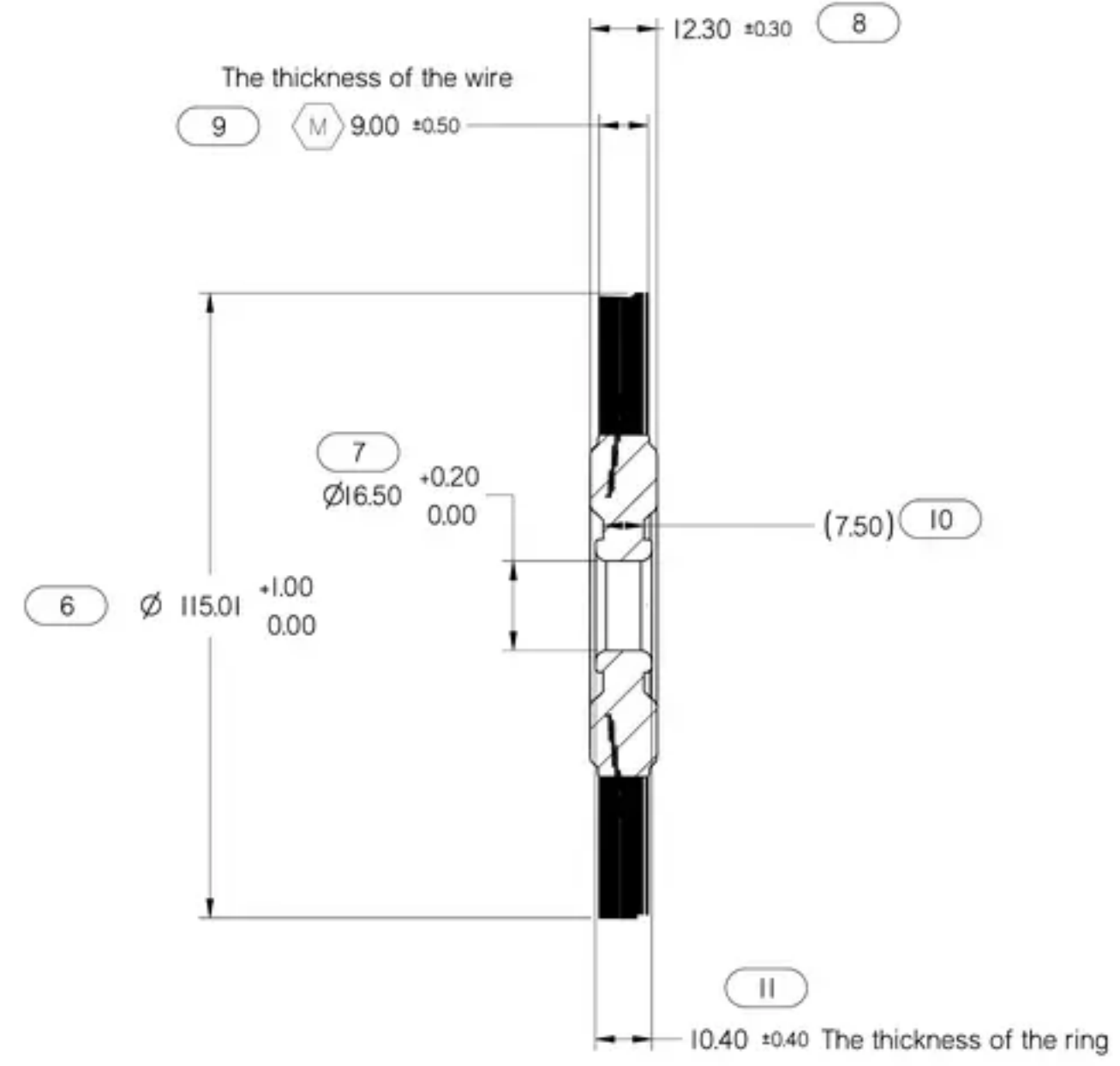
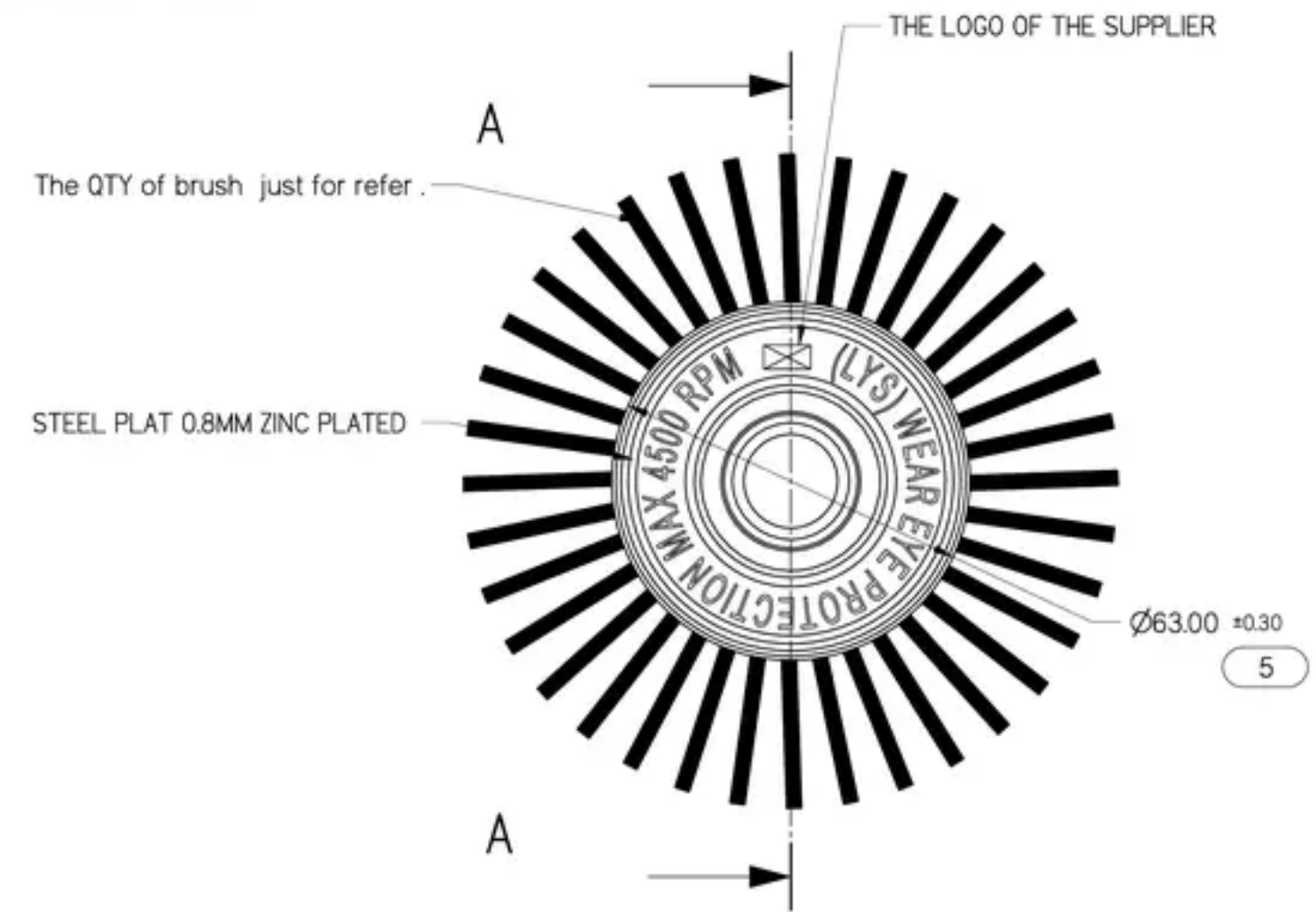


STANDARD TOLERANCE GRADES (ISO 286-1:1988)	
DIMENSION RANGE	IT 12
0-3	±0.05
3-6	±0.06
6-10	±0.08
10-18	±0.09
18-30	±0.11
30-50	±0.13
50-80	±0.15
80-120	±0.18
120-180	±0.20
180-250	±0.23
250-315	±0.26
315-400	±0.29
400-500	±0.32
500-630	±0.35
630-800	±0.40
800-1000	±0.45

REV	CHANGE DESCRIPTION	ZONE	ECN #	DATE	APV BY
01	DESIGN RELEASE		ECN-HFE010326	KNIGHT 11/22/2018	BRIAN 11/26/2018
02	DIM NOTES	J1	ECN-HFE010828	KNIGHT 01/24/19	BRIAN 01/30/19



SECTION A-A

- NOTES: (1)
- MATERIAL:
 DIAMETER OF THE STEEL WIRE 0.3MM . COPPER PLATED
 STEEL PLATE : ZINC PLATED TO.8MM
 CENTER RING: 64# STEEL T 0.9MM
 FINISH: SURFACE CARBURIZING AND HARDENING TREATMENT/OIL DIP
 PART NEEDS TO COMPLY WITH HSF REQUIREMENTS AND HS RISK ASSESSMENT INSTRUCTION REFER TO DOCUMENT OIGSA0014.
 BRUSHES SHALL BE TESTED UNDER 4500RPM WITHOUT LOAD FOR 1 MINUTES.
 THE TEST SHALL BE PERFORMED 3 TIMES.
 AFTER TESTING THE BRUSH SHALL NOT LOST ANY COMPONENT PARTS.
 PULL OUT FORCE OF EACH 8 PCS STEEL WIRE : 20KGF
 - UNLESS OTHERWISE SPECIFIED:
 A) PART MUST BE FREE OF CRACKS, CHIPS, SHAVINGS, BURRS, RUST AND ANY OTHER DEBRIS THAT MAY OCCUR DURING PROCESSING
 B) USE TOLERANCE BLOCK ABOVE FOR LINEAR DIMENSION TOLERANCES
 C) DEFAULT ANGLE TOLERANCE TO BE ±0.5°
 D) SHARP CORNERS AND FILLETS TO BE BROKEN WITH A 0.38 TO 0.89 RADIUS
 - FOR ALL UNDEFINED GEOMETRY, REFER TO 3-D CAD FILE
 - SEE QUALITY ASSURANCE FOR ADDRESSING CRITICAL AND MAJOR DIMENSIONS

TOTAL (C) THIS PAGE = 0
 TOTAL (M) THIS PAGE = 2
 TOTAL INSPECTION = (11)

Techtronic Industries Co. Ltd.		METRIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	3RD ANGLE PROJECTION
CONFIDENTIAL		DIMENSION & TOLERANCE PER ASME Y14.5 - 2009	UNSPECIFIED DIMENSIONS REFERENCE CAD MODEL	CN ORA P/N 314184001
THIS DRAWING IN DESIGN AND DETAIL IS THE PROPERTY OF TECHTRONIC INDUSTRIES COMPANY LIMITED.		PART & PROCESS MUST COMPLY WITH THE COMPANY REQUIREMENTS OF HAZARDOUS SUBSTANCE FREE.		SC SAP P/N
WEIGHT & TOLERANCE		COLOR NAME, COLOR CHIP #		DRAWN BY
ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED		BU		MODEL NO.
CAD TOOL	SCALE	SHEET	SIZE	PLM ID
NX	1:1	1 of 1	A1	CL00035595
				REV 02