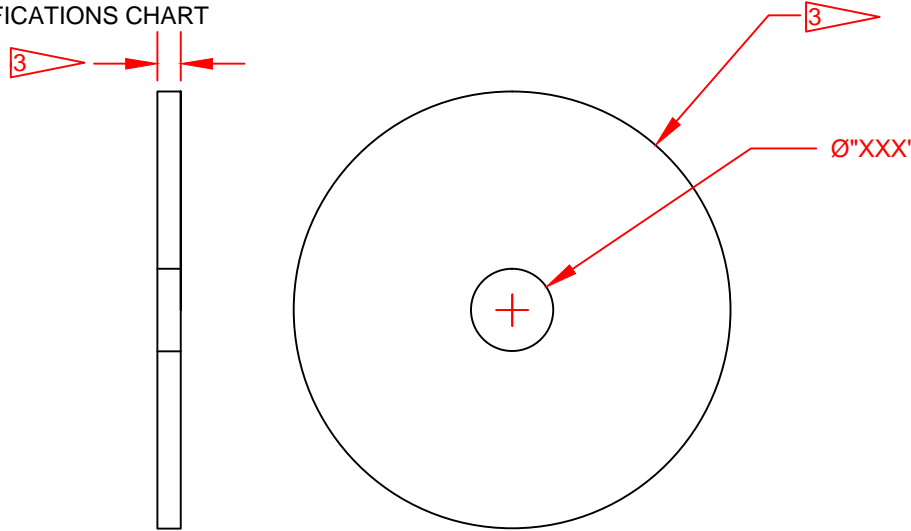


**NOTES:**

1. LAST DASH NO. "XXX" INDICATES MICRON SIZE OF THRU HOLE.  
Ex. HP-3/8-DISC-XX-200 -INDICATES 200 MICRON THRU HOLE
2. "XX" INDICATES MATERIAL.  
Ex. HP-3/8-DISC-CU-XXX -INDICATES COPPER AS MATERIAL
3. REFER TO SPECIFICATIONS CHART

REV	DESCRIPTION	INCORP BY	DATE



**MATERIAL "XX" SPECIFICATIONS**

MATERIAL	MOLY PER ASTM B386	TUNGSTEN PER ASTM B760	110 COPPER PER ASTM B152 (BLACKENED FINISH ONE SIDE PER SOP 037-BLACK)	110 COPPER PER ASTM B152 (GOLD-PLATED ONE SIDE, BLACKENED FINISH ON THE OTHER PER SOP 037-BLACK)	CERAMIC					
DESIGNATION	MLY	TUN	CU	AU	CER					
DIAMETER	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)					
THICKNESS	0.013 - 0.025mm (0.000512 - 0.000984in)	0.025 - 0.050mm (0.000984 - 0.00197in)	0.018 - 0.050mm (0.000709 - 0.00197in)	0.025 - 0.050mm (0.000984 - 0.00197in)	0.125 - 0.250mm (0.00492 - 0.00984in)					
CENTERING	±0.125mm (±0.00492in)	±0.125mm (±0.00492in)	±0.125mm (±0.00492in)	±0.125mm (±0.00492in)	±0.125mm (±0.00492in)					
APERTURE TOLERANCES	Diameter	Tolerance +/-	Diameter	Tolerance +/-	Diameter	Tolerance +/-	Diameter	Tolerance +/-	Diameter	Tolerance +/-
	5µ	15%	5µ	20%	5µ	15%	5µ	20%	5µ	20%
	10 - 100µ	10%	10 - 100µ	10%	10 - 100µ	10%	10 - 100µ	10%	10 - 100µ	10%
	250µ+	5%	250µ+	5%	250µ+	5%	250µ+	5%	250µ+	5%

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  
DECIMAL VALUES ARE SHOWN WITH DECIMAL TOLERANCE VALUES  
DECIMAL X = ±.1 TOLERANCES APPLIED TO THE PRINT  
PLACES .XX = ±.01  
IN THE .XXX = ±.005  
PRINT .XXX = ±.0005  
FRACTIONAL AND ANGULAR VALUES ARE SHOWN WITH FRACTIONAL OR ANGULAR TOLERANCE VALUES.  
FRACTIONS = ± 1/16  
ANGLES = ± 1°

**Material**  
REFER TO CHART



**Drawing Number**  
A HP-3/8-DISC-XX-XXX

**REV**  
-

**Used On**  
-

APPROVALS	DATE
DRAWN C. DRAPER	1/12/2016
CHK J. SCHUSTER	1/12/2016
ENGR J. SCHUSTER	1/12/2016
SHEET: 1 OF 1	DO NOT SCALE

**Drawing Name**  
HIGH POWER APERTURE