

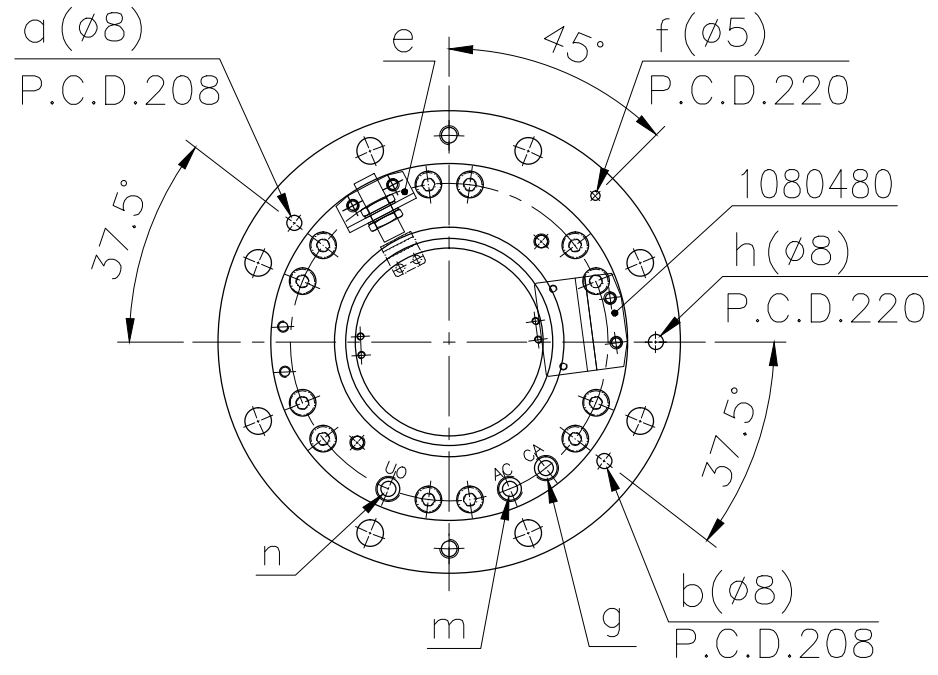
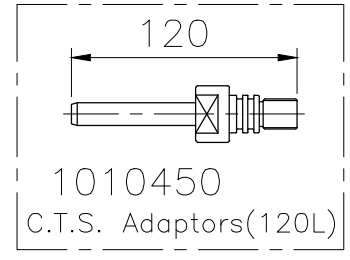
8- $\phi 14$  THRU  
C/Bore  $\phi 20 \times 13$  DP.  
P.C.D. 220  
2-M6\*P1.0\*15L  
P.C.D. 160

$\phi 246_{-0.01}^{-0.02}$

$\phi 0.01$  A

\*Do not Installation  
Anti-buckle.

GS04A01  
(Std.)



P View

		MOTOR	
		Spindle max. speed	8,000 rpm
a	External coolant( $\phi 8$ )	Tool system	BT50
b	External coolant( $\phi 8$ )	Clamping system	HYDRAULIC
e	Tool clamp/unclamp sensor 2-M12	Unclamping hydraulic Pressure	Min. 50 bar Max. 60 bar
f	Air seal( $\phi 5$ )	Oil volume max.	135 cm <sup>3</sup>
g	Tool clamping(PT1/4- $\phi 10$ )	Clamping force	1,800 $\pm$ 100kgf
h	Cooling in( $\phi 8$ )	Spindle bearings I.D.	$\phi 100$
i	Cooling out	Beings lubrication	GREASE
m	Air clean(PT1/4- $\phi 10$ )	Cooling system	OIL
n	Tool unclamping(PT1/4-PS1/4)	Remark	C.T.S. Type Spindle

PERMISSIBLE MACHING BASIC DIMENSION DEVIATIONS					
>0	>6	>30	>120	>400	>1000
$\pm 0.05$	$\pm 0.10$	$\pm 0.15$	$\pm 0.20$	$\pm 0.30$	$\pm 0.50$
PERMISSIBLE DRILLING BASIC DIMENSION DEVIATIONS					+0.25 -0.05
PERMISSIBLE ANGLE BASIC DIMENSION DEVIATIONS					$\pm 0.5^\circ$

ver.	coordinates	Changing content	Modified by	date
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DRAWN		
DESIGNED		
CHECKED		
MATERIAL		
SCALE	1:4	

NAME	
DWG.NO. 108A142_DIM	