



a	External cooling inlet($\phi 8$)	MOTOR	
b	External cooling inlet($\phi 8$)	Max speed	10,000 rpm
c	Slinging hook(M8)	Tool system	BT50
d	Slinging hook(M8)	Clamping system	HYDRAULIC
e	Tool clamp/unclamp sensor 2-M12	Unclamping hydraulic Pressure	Min. 50 bar Max. 60 bar
f	Air seal($\phi 5$)	Clamping force	1,800 \pm 100kgf
g	Tool clamping(PT1/4- $\phi 8$)	Bearing ID	$\phi 90$
h	Cooling inlet($\phi 8$)	Beaings lubrication	GREASE
m	Air clean(PT1/4- $\phi 8$)	Cooling system	OIL
n	Tool unclamping(PT1/4-PS3/8)	Remark	Std type spindle

PERMISSIBLE MACHING BASIC DIMENSION DEVIATIONS						DRAWN		NAME
>0	>6	>30	>120	>400	>1000	DESIGNED		
± 0.05	± 0.10	± 0.15	± 0.20	± 0.30	± 0.50	CHECKED		
PERMISSIBLE DRILLING BASIC DIMENSION DEVIATIONS						MATERIAL		DWG.NO.
PERMISSIBLE ANGLE BASIC DIMENSION DEVIATIONS						SCALE		102A010_DIM
						1:4		

ver.	coordinates	Changing content	Modified by	date

