



- LATERAL MACHINING
- 360° ADJUSTMENT
- GEAR RATIO 1:1

# ANGLE HEAD HOLDER SERIES



**SAM**

- ▶ Light Machining [ Suggested  $A_p \leq 2\text{mm}$  ]



**SAC**

- ▶ Middle Machining [ Suggested  $A_p \leq 3\text{mm}$  ]



**SAR**

- ▶ Heavy-duty Machining [ Suggested  $A_p \leq 4\text{mm}$  ]

TYPE	INTERFACE	OUTPUT	MAX REVOLUTION	DIRECTION OF ROTATION	COOLANT OUTLET	MAX TORQUE	WEIGHT (KGS)
▶ SAM	BT/SBT 40.50 CAT/SCAT 40.50 DAT/SDAT 40.50 HSK63A.HSK100A	ER. SKS. SCA (Not Interchangeable)	4000rpm	Opposite to machine spindle	Through cutting tool or coolant nozzle	20 N-m	5.2 ~ 8.8
▶ SAC	BT/SBT 40.50 CAT/SCAT 40.50 DAT/SDAT 40.50 HSK63A.HSK100A	ER. SKS. Face Mill Cutter. PNER. SCA (Not Interchangeable)	3000rpm	Opposite to machine spindle	N/A	25 N-m	6.4 ~ 8.5
▶ SAR	BT/SBT 50 CAT/SCAT 50 DAT/SDAT 50	SBT30 Tool Holders PSC50 Tool Holders Face Mill Cutter. MLD TPYE (Not Interchangeable)	3000rpm	Same as machine spindle	Coolant nozzle	50 N-m	16.1



**SAD**

- ▶ Light Machining  
[ Suggested  $A_p \leq 1.5 \text{ mm}$  ]



**SAG**

- ▶ Light Machining  
[ Suggested  $A_p \leq 2\text{mm}$  ]



**SAU**

- ▶ Middle Machining  
[ Suggested  $A_p \leq 4\text{mm}$  ]



TYPE	INTERFACE	OUTPUT	MAX REVOLUTION	DIRECTION OF ROTATION	COOLANT NOZZLE	MAX TORQUE	WEIGHT (KGS)
▶ SAD	SBT30.40 HSK63A	EBL8. SKS10 (Not Interchangeable)	6000rpm	Opposite to machine spindle	N/A	10 N-m	2.6 ~ 3.8
▶ SAG	BT/SBT 40	ER11. SKS6 (Not Interchangeable)	6000rpm	Opposite to machine spindle	Coolant holes	10 N-m	5.5
		ER16. ER20. SKS13 (Not Interchangeable)				15 N-m	
▶ SAU	BT/SBT 50 CAT/SCAT 50	ER32	4000rpm	Opposite to machine spindle	Connect with two coolant pipes or coolant nozzle	40 N-m	21