

SPINDLE TENSION METERS

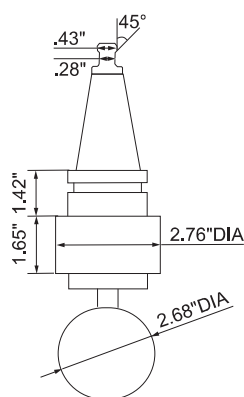


RFS-BT40

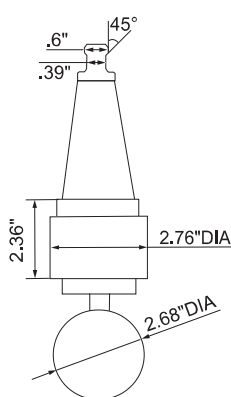


RFS-HSK63A

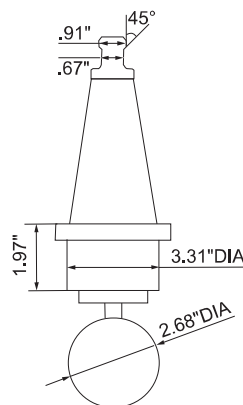
- Hydraulic mechanical structure, high stability
- To detect the tension of locking device



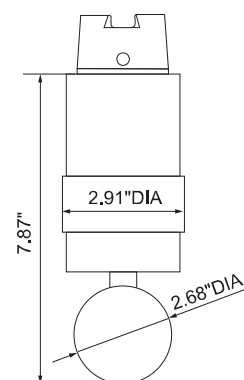
RFS-BT30



RFS-BT40



RFS-BT50



RFS-HSK□□□

RFS-BT□□ SPECIFICATION

Part No.	Taper	Dial range *	Accuracy	Applicable tension of spindle	Tool change mode	Rivet angle **
RFS-BT30	BT30	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual	45°
RFS-BT30A	BT30A	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual/automatic	
RFS-BT40	BT40	0~160kg/cm ²	±2.6kg/cm ²	1100~2420lbf (500~1100kgf)	manual	
RFS-BT50	BT50	0~250kg/cm ²	±4kg/cm ²	3300~4840lbf (1500~2200kgf)	manual	

RFS-SK□□ SPECIFICATION

Part No.	Taper	Dial range *	Accuracy	Applicable tension of spindle	Tool change mode
RFS-SK30	SK30/JT30	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual
RFS-SK30A	SK30A/JT30A	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual/automatic
RFS-SK40	SK40/JT40	0~160kg/cm ²	±2.6kg/cm ²	1100~2420lbf (500~1100kgf)	manual
RFS-SK50	SK50/JT50	0~250kg/cm ²	±4kg/cm ²	3300~4840lbf (1500~2200kgf)	manual

RFS-CAT□□ SPECIFICATION

Part No.	Taper	Dial range *	Accuracy	Applicable tension of spindle	Tool change mode
RFS-CAT30	CAT30	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual
RFS-CAT30A	CAT30A	0~100kg/cm ²	±1.6kg/cm ²	440~1100lbf (200~500kgf)	manual/automatic
RFS-CAT40	CAT40	0~160kg/cm ²	±2.6kg/cm ²	1100~2420lbf (500~1100kgf)	manual
RFS-CAT50	CAT50	0~250kg/cm ²	±4kg/cm ²	3300~4840lbf (1500~2200kgf)	manual

RFS-HSK SPECIFICATION

Part No.	Taper	Dial range*	Accuracy	Applicable tension of spindle	Tool change mode
RFS-HSK20A	HSK20A	0~100kg/cm ²	±1.6kg/cm ²	110~220lbf (50~100kgf)	
RFS-HSK20C	HSK20C				
RFS-HSK20E	HSK20E				
RFS-HSK25A	HSK25A	0~100kg/cm ²	±1.6kg/cm ²	550~1100lbf (250~500kgf)	
RFS-HSK25C	HSK25C				
RFS-HSK25E	HSK25E				
RFS-HSK32A	HSK32A	0~100kg/cm ²	±1.6kg/cm ²	660~1320lbf (300~600kgf)	
RFS-HSK32B	HSK32B				
RFS-HSK32C	HSK32C				
RFS-HSK32D	HSK32D				
RFS-HSK32E	HSK32E				
RFS-HSK32F	HSK32F				
RFS-HSK40A	HSK40A	0~250kg/cm ²	±4.0kg/cm ²	1650~3300lbf (750~1500kgf)	
RFS-HSK40B	HSK40B				
RFS-HSK40C	HSK40C				
RFS-HSK40D	HSK40D				
RFS-HSK40E	HSK40E				
RFS-HSK40F	HSK40F				
RFS-HSK50A	HSK50A	0~350kg/cm ²	±5.6kg/cm ²	2200~4400lbf (1000~2000kgf)	manual
RFS-HSK50B	HSK50B				
RFS-HSK50C	HSK50C				
RFS-HSK50D	HSK50D				
RFS-HSK50E	HSK50E				
RFS-HSK50F	HSK50F				
RFS-HSK63A	HSK63A	0~350kg/cm ²	±5.6kg/cm ²	3300~6600lbf (1500~3000kgf)	
RFS-HSK63B	HSK63B				
RFS-HSK63C	HSK63C				
RFS-HSK63D	HSK63D				
RFS-HSK63E	HSK63E				
RFS-HSK63F	HSK63F				
RFS-HSK80A	HSK80A	0~600kg/cm ²	±9.6kg/cm ²	4400~8800lbf (2000~4000kgf)	
RFS-HSK80B	HSK80B				
RFS-HSK80C	HSK80C				
RFS-HSK80D	HSK80D				
RFS-HSK80E	HSK80E				
RFS-HSK80F	HSK80F				
RFS-HSK100A	HSK100A	0~600kg/cm ²	±9.6kg/cm ²	8800~12000lbf (4000~5500kgf)	
RFS-HSK100B	HSK100B				
RFS-HSK100C	HSK100C				
RFS-HSK100D	HSK100D				
RFS-HSK100E	HSK100E				
RFS-HSK100F	HSK100F				

* The actual tension of spindle (kgf) is 10X of dial reading

** Can be customized for 60°and 90°