

Pump Coupling Hole Machining Dimensions

- The following table shows the recommended dimensions for machining coupling holes for each pump model.

Hole dimension Pump model		Recommended dimensions for machining a coupling hole (mm)					
		φA		B		C	
Piston pump	V8 series	16	+0.018 +0	5	+0.03 +0	18	+0.2 +0
	V15 series	19.05	+0.021 +0	4.78	+0.03 +0	21.15	+0.2 +0
	V23, V38 series	22.2	+0.053 +0.02	6.32	+0.036 +0	25.08	+0.3 +0
	V50, V70 series	31.75	+0.025 +0	7.94	+0.036 +0	35.35	+0.3 +0
	VZ50 series	25.4	+0.021 +0	6.35	+0.036 +0	28.19	+0.3 +0
	VZ63, VZ80 series	31.75	+0.021 +0	7.94	+0.036 +0	35.35	+0.3 +0
	VZ100, VZ130 series	44.5	+0.025 +0	11.11	+0.068 +0.025	49.43	+0.3 +0
Vane pump	DS10P series	16	+0.018 +0	5	+0.03 +0	18.2	+0.2 +0
	DE10, DE20 series	19.05	+0.028 +0.007	4.81	+0.028 -0.002	21.33	+0.2 +0
	DEV20, DEV25 series	22.2	+0.053 +0.032	4.81	+0.028 -0.002	24.74	+0.2 +0
	DEV35, DEV45 series	31.75	+0.034 +0.01	8	+0.024 -0.012	35.56	+0.2 +0

