

Sliding Load and Holding Torque by Mating Component Material

Base Material	Mating Component Material	QCPS0828-6-F		QCPS0828-6-D		QCPS1036-6-F		QCPS1036-6-D	
		Sliding Load (N)	Holding Torque (N·m)	Sliding Load (N)	Holding Torque (N·m)	Sliding Load (N)	Holding Torque (N·m)	Sliding Load (N)	Holding Torque (N·m)
SUS303	S50C + Electroless Nickel Plating	70	1.6	130	3.1	120	2.8	240	5.9
	A1050 + Anodized	70	1.6	160	4.0	120	2.8	300	7.4
	A5052 + Anodized	60	1.3	130	3.3	110	2.6	220	5.4
	A7075 + Anodized	70	1.6	130	3.1	120	2.8	240	5.9
	MC900NC (MC Nylon)	80	1.9	110	2.7	130	3.2	200	5.0

Note: The above data is provided as reference values under the following conditions:

- The tip of the push pin, the mating component (such as a flat bar or shaft), and the base are thoroughly degreased.
- The product is clamped within the recommended clamping range.
- The holding torque is measured when clamping a $\phi 25$ shaft.

