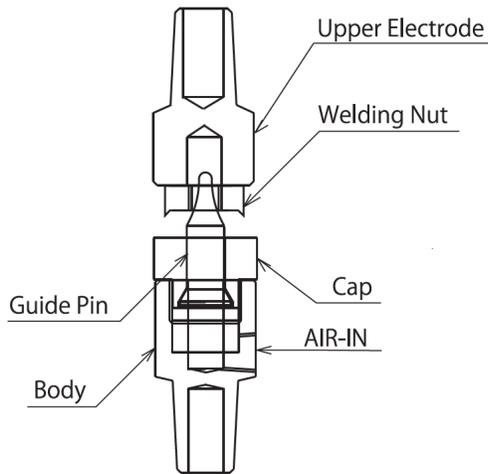


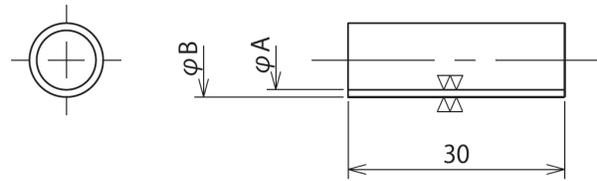


Guide Pins

Assembly Drawing



Guide Sleeve



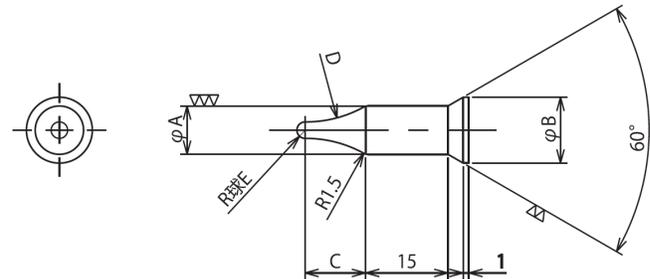
Material: KCF

TYPE	A	B	BOLT
PB-4.2	4.2	6.2	M4
PB-5.2	5.2	7.2	M5
PB-6.2	6.2	8.2	M6
PB-8.2	8.2	10.2	M8
PB-10.2	10.2	12.2	M10
PB-12.2	12.2	14.2	M12

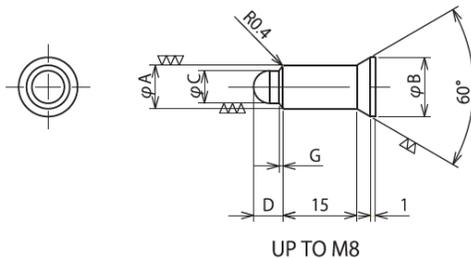
Guide Pin T-type

Material: KCF

TYPE	A-0.05	B	C	D	E	NUT
W-PN-4P	4.8	12	5.5	R11	1.0	M4
W-PN-5P	5.8		7.5	R15	1.0	M5
W-PN-6P	6.8		9.5	R23.6	1.5	M6
W-PN-8P	8.8		11	R21.7	1.5	M8
W-PN-10P	10.8	16	12	R22.3	2.0	M10
W-PN-12P	12.8		15	R27.6	2.0	M12



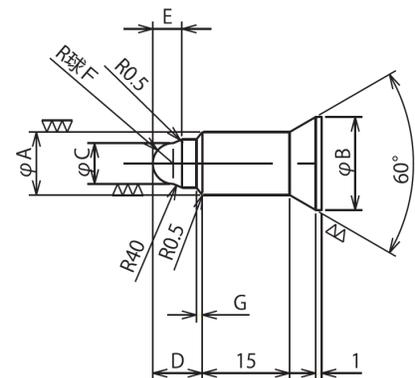
Guide Pin A-type



UP TO M8

Material: KCF

TYPE	A	B	C	D	E	F	G	NUT
PN-A-4.8	4.8	12	3.1	4			0.5	M4
PN-A-5.8	5.8		4.0	5			0.5	M5
PN-A-6.8	6.8		4.8	5.5			0.5	M6
PN-A-8.8	8.8		6.6	6			0.8	M8
PN-A-10.8	10.8	16	8.3	8.5	5.0	3.5	1.0	M10
PN-A-12.8	12.8		10.3	10	6.0	4	1.0	M12



UP TO M10



Alumina PIN Series



1. Kyokutoh's standard guide pin, made of Alumina for nuts.
2. Non-conductive and abrasion resistant.
3. One of the most versatile materials for fine ceramics with great cost performance.

Specifications	
Compressed strength (MPa)	2300
Bending strength (MPa)	240
Elasticity (GPa)	280
Refractory (°C)	1700

Reinforced Alumina PIN Series



1. Alumina guide pin with great strength and surface smoothness.
2. Higher alumina grade than normal alumina pin with high compressive strength. Universal processing to almost any diameter requirement.

Specifications	
Compressed strength (MPa)	2900
Bending strength (MPa)	340
Elasticity (GPa)	370
Refractory (°C)	1500

Nitriding Silicon PIN Series



1. Exceedingly high mechanical strength and durability.
2. Resembles metal in heat expansion rate.

Specifications	
Compressed strength (MPa)	2900
Bending strength (MPa)	800
Elasticity (GPa)	300
Refractory (°C)	1200