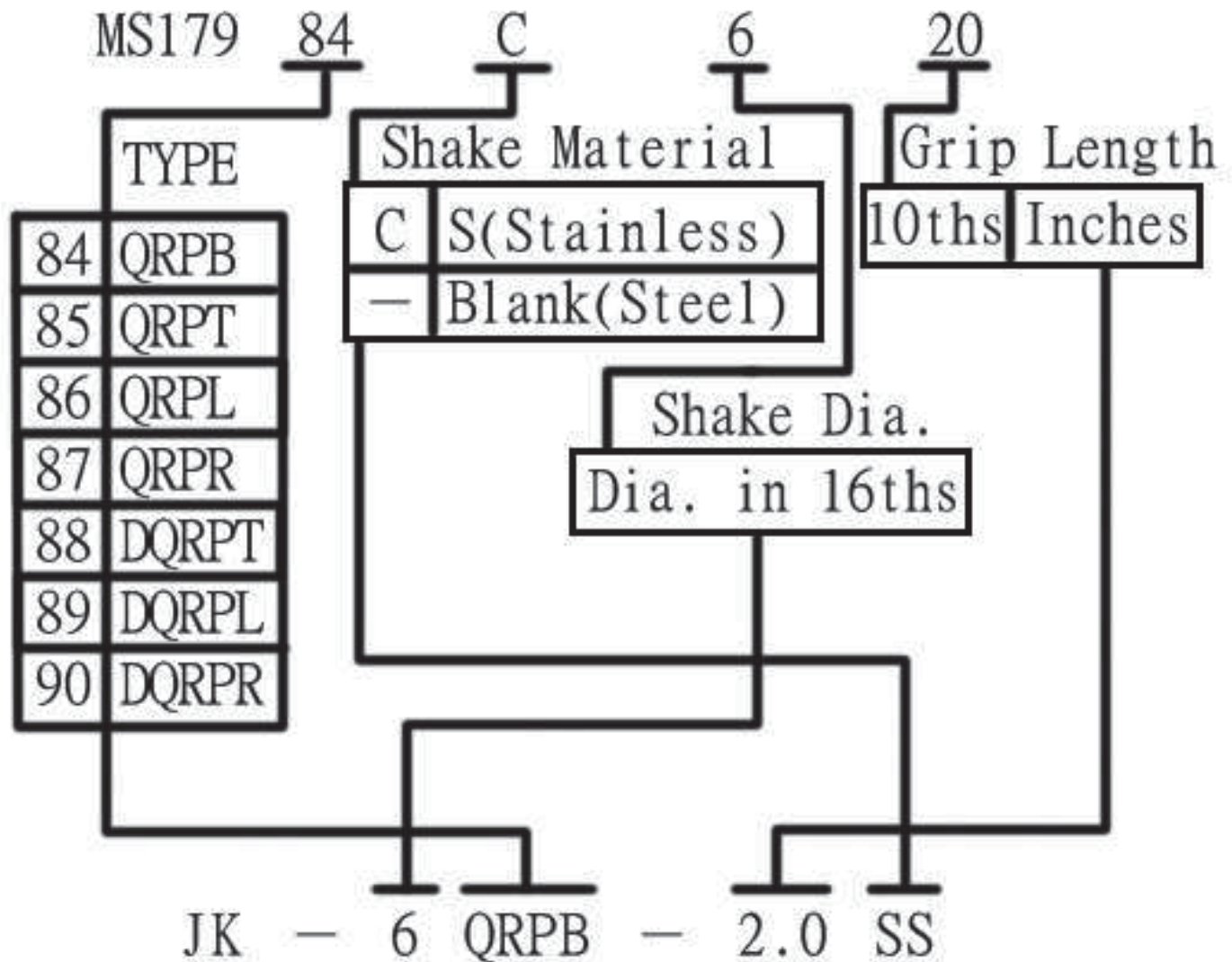


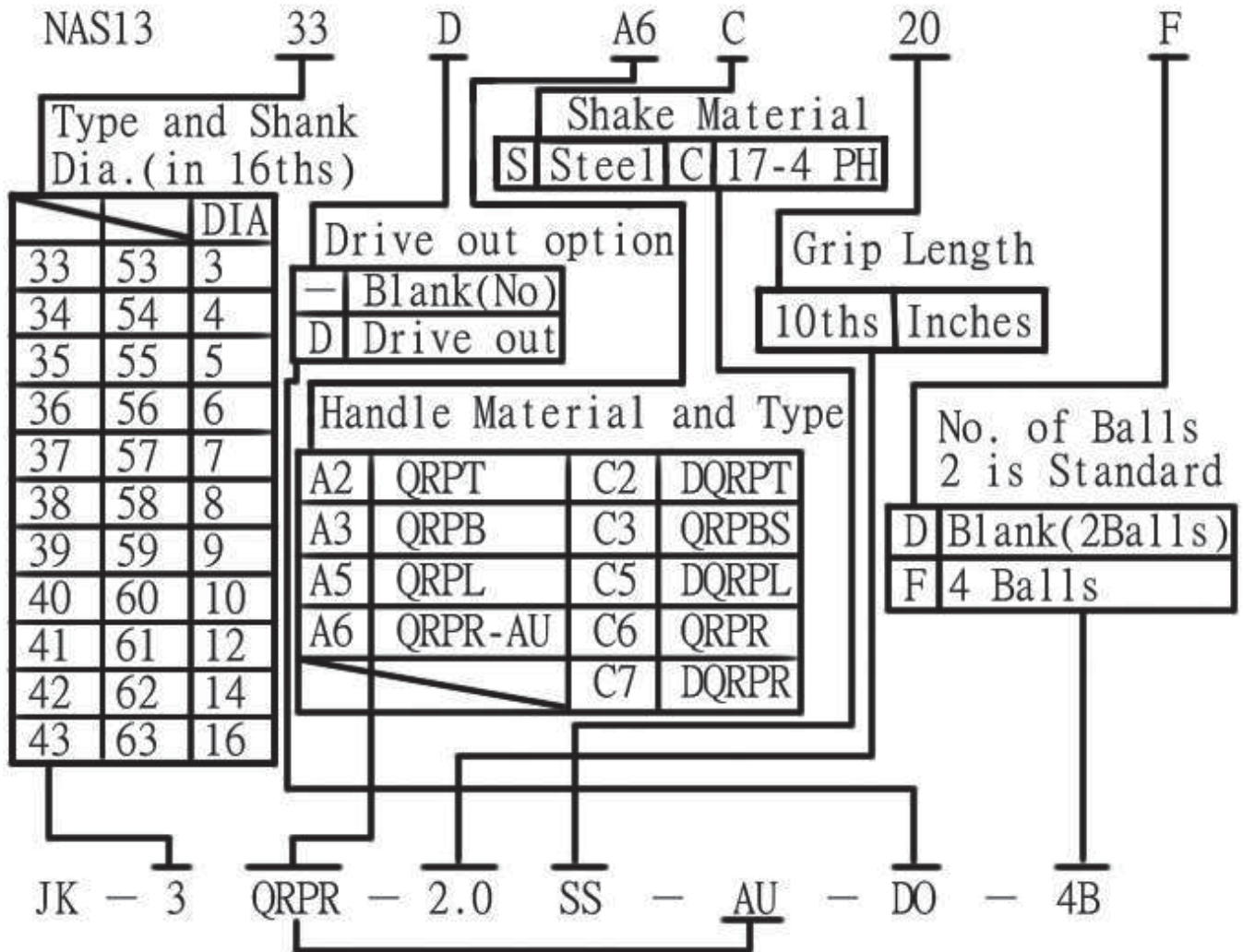
Quick Release Pin Naming Convention

JK — 5				QRPT — 4.0			SS —		4B
Pin Diameter				Handle Type			Grip Length		
3	3/16"	M5	5mm	Single Acting			With Point Inches		
4	1/4"	M6	6mm	T	QRPT	Alu.	No Point Metric		
5	5/16"	M8	8mm	L	QRPL	Alu.	Body Material		
6	3/8"	M10	10mm	B	QRPB	Alu.			
7	7/16"			BS	QRPBS	SS	— Steel(Blank)		
8	1/2"	M12	12mm	R	QRPR	SS	S SUS 303		
9	9/16"	M14	14mm	R-AU	QRPR-AU	Alu.	SS 17-4 PH		
10	5/8"	M16	16mm	M	MQRP	SS	No. of Balls 2 is Standard		
12	3/4"	M20	20mm	M-AU	MQRP-AU	Alu.			
14	7/8"			Double Acting			— 2Balls(Blank)		
16	1"	M25	25mm	T	DQRPT	SS	4B 4Balls		
				L	DQRPL	SS			
				R	DQRPR	SS			

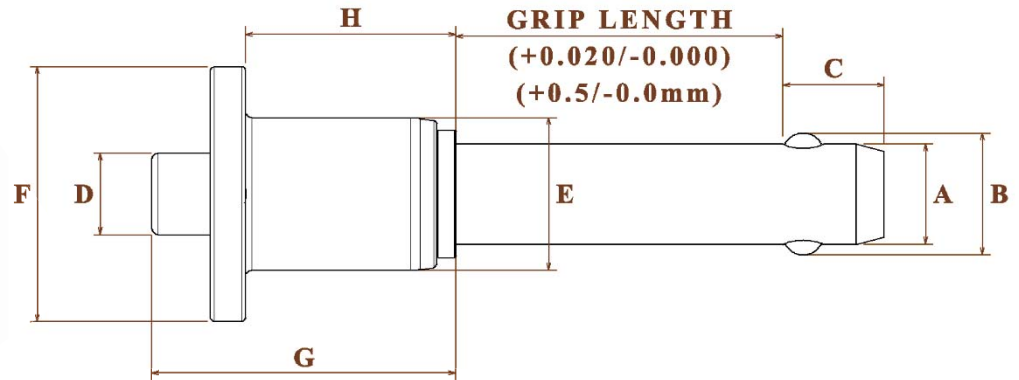
MS Conversion



NAS Conversion



Standard Quick Release Pins with B Handle



Inch

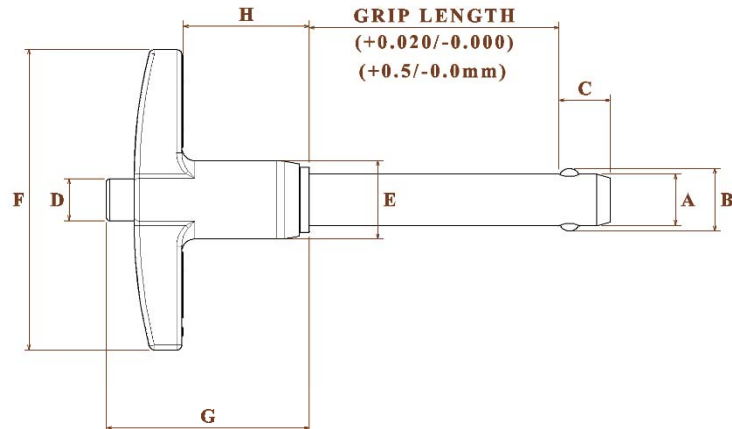
- Handle is black aluminum.
- Button is blue aluminum.
- Shank available in carbon steel or stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option available upon request.
- Meets or exceeds NASM 23460 specification.
- Meets or exceeds design specification MS 17984.

BASIC PART NO.	A DIA		B		C		D		E		F		G	H
	NOMINAL	ACTUAL	+/-0.005	+0.00/-0.04	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.
JK-3QRPB	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	.720	.800	.870	.480		
JK-4QRPB	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	.720	.800	.870	.480		
JK-5QRPB	5/16	.3095/.3110	.375	.330	.250	.310	.410	.500	.720	.800	.950	.480		
JK-6QRPB	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	.875	1.135	1.110	.620		
JK-7QRPB	7/16	.4345/.4360	.509	.380	.299	.390	.550	.625	.940	1.400	1.110	.620		
JK-8QRPB	1/2	.4970/.4985	.594	.460	.435	.565	.600	.800	1.300	1.400	1.260	.720		
JK-9QRPB	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	1.340	1.650	1.260	.720		
JK-10QRPB	5/8	.6220/.6235	.750	.580	.450	.580	.750	.975	1.530	1.700	1.530	.950		
JK-12QRPB	3/4	.7470/.7485	.887	.670	.570	.700	.865	1.000	1.530	1.900	1.590	.950		
JK-14QRPB	7/8	.8720/.8735	1.046	.760	.700	.840	.980	1.320	2.120	2.250	2.170	1.270		
JK-16QRPB	1	.9970/.9985	1.219	.890	.750	.950	1.175	1.320	2.120	2.250	2.170	1.490		

Metric

BASIC PART NO.	A DIA		B		C		D		E		F		G	H
	NOMINAL	ACTUAL	+/-0.25	+/-1.0	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.
JK-M5QRPB	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	18.29	20.32	22.10	12.19		
JK-M6QRPB	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	18.29	20.32	22.10	12.19		
JK-M8QRPB	8	7.92/7.96	9.42	8.00	6.35	7.87	10.41	12.70	18.29	20.32	24.13	12.19		
JK-M10QRPB	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	22.23	28.83	28.19	15.75		
JK-M12QRPB	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	29.85	34.9	32.00	18.29		
JK-M16QRPB	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	38.86	43.18	38.86	24.13		
JK-M20QRPB	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	38.86	48.26	40.39	24.13		
JK-M25QRPB	25	24.92/24.96	30.94	22.00	19.05	24.13	29.85	33.53	53.85	57.15	55.12	37.85		

Standard Quick Release Pins with T Handle



Inch

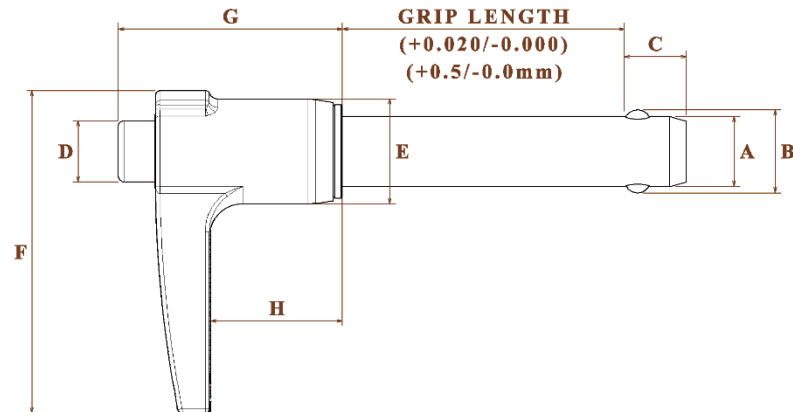
- Handle is black cast aluminum.
- Button is blue anodized aluminum.
- Shank available in carbon steel or stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option is available upon request.
- Meets or exceeds NASM 23460 specification.
- Meets or exceeds design specification MS 17985.

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-3QRPT	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	1.750	1.815	1.270	.700
JK-4QRPT	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	1.750	1.815	1.270	.700
JK-5QRPT	5/16	.3095/.3110	.375	.330	.250	.310	.310	.500	1.750	1.815	1.270	.700
JK-6QRPT	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	1.935	2.065	1.450	.840
JK-7QRPT	7/16	.4345/.4360	.509	.380	.299	.390	.450	.625	1.935	2.065	1.470	.840
JK-8QRPT	1/2	.4970/.4985	.594	.460	.435	.565	.630	.800	2.220	2.345	1.600	.885
JK-9QRPT	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	2.220	2.345	1.700	.885
JK-10QRPT	5/8	.6220/.6235	.750	.580	.450	.580	.810	.975	2.250	3.100	1.900	.980
JK-12QRPT	3/4	.7470/.7485	.887	.670	.570	.700	.810	1.000	2.500	3.100	2.000	1.030
JK-14QRPT	7/8	.8720/.8735	1.046	.760	.700	.840	1.120	1.320	2.750	3.520	2.170	1.310
JK-16QRPT	1	.9970/.9985	1.219	.890	.700	.840	1.120	1.320	2.750	3.520	2.300	1.310

Metric

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-M5QRPT	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	44.45	46.10	32.26	17.78
JK-M6QRPT	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	44.45	46.10	32.26	17.78
JK-M8QRPT	8	7.92/7.96	9.42	8.00	6.35	7.87	7.87	12.70	44.45	46.10	32.26	17.78
JK-M10QRPT	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	49.15	52.45	36.83	21.50
JK-M12QRPT	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	56.39	59.56	40.64	22.48
JK-M16QRPT	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	57.15	78.74	48.26	24.89
JK-M20QRPT	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	63.5	78.74	50.80	26.16
JK-M25QRPT	25	24.92/24.96	30.94	22.00	19.05	24.13	28.45	33.53	69.85	89.41	58.42	33.27

Standard Quick Release Pins with L Handle



Inch

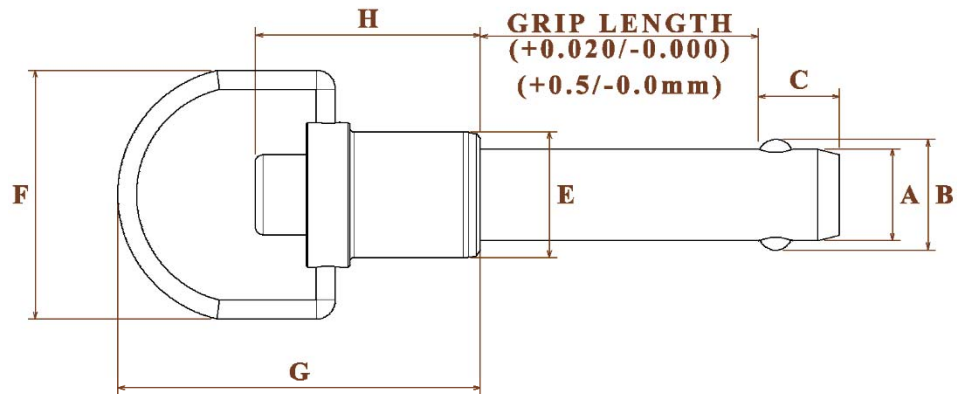
- Handle is black cast aluminum.
- Button is blue anodized aluminum.
- Shank available in carbon steel or stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option is available upon request.
- Meets or exceeds NASM 23460 specification.
- Meets or exceeds design specification MS 17986.

BASIC PART NO.	A DIA		B	C	D		E		F	G	H
	NOMINAL	ACTUAL	+/-0.005	+0.00/-0.04	Min.	Max.	Min.	Max.	Min.	Max.	Min.
JK-3QRPL	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	1.720	1.270	.700
JK-4QRPL	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	1.720	1.270	.700
JK-5QRPL	5/16	.3095/.3110	.375	.330	.250	.310	.310	.500	1.720	1.270	.700
JK-6QRPL	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	1.945	1.450	.840
JK-7QRPL	7/16	.4345/.4360	.509	.380	.299	.390	.450	.625	1.945	1.470	.840
JK-8QRPL	1/2	.4970/.4985	.594	.460	.435	.565	.630	.800	2.230	1.600	.885
JK-9QRPL	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	2.230	1.700	.885
JK-10QRPL	5/8	.6220/.6235	.750	.580	.450	.580	.810	.975	2.385	1.900	.980
JK-12QRPL	3/4	.7470/.7485	.887	.670	.570	.700	.810	1.000	2.465	2.000	1.030
JK-14QRPL	7/8	.8720/.8735	1.046	.760	.700	.840	1.120	1.320	2.750	2.170	1.310
JK-16QRPL	1	.9970/.9985	1.219	.890	.700	.840	1.120	1.320	2.750	2.300	1.310

Metric

BASIC PART NO.	A DIA		B	C	D		E		F	G	H
	NOMINAL	ACTUAL	+/-0.25	+/-1.0	Min.	Max.	Min.	Max.	Min.	Max.	Min.
JK-M5QRPL	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	43.69	32.26	17.78
JK-M6QRPL	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	43.69	32.26	17.78
JK-M8QRPL	8	7.92/7.96	9.42	8.00	6.35	7.87	7.87	12.70	43.69	32.26	17.78
JK-M10QRPL	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	49.40	36.83	21.50
JK-M12QRPL	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	56.64	40.64	22.48
JK-M16QRPL	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	60.58	48.26	24.89
JK-M20QRPL	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	62.61	50.80	26.16
JK-M25QRPL	25	24.92/24.96	30.94	22.00	19.05	24.13	28.45	33.53	69.85	58.42	33.27

Standard Quick Release Pins with R Handle



Inch

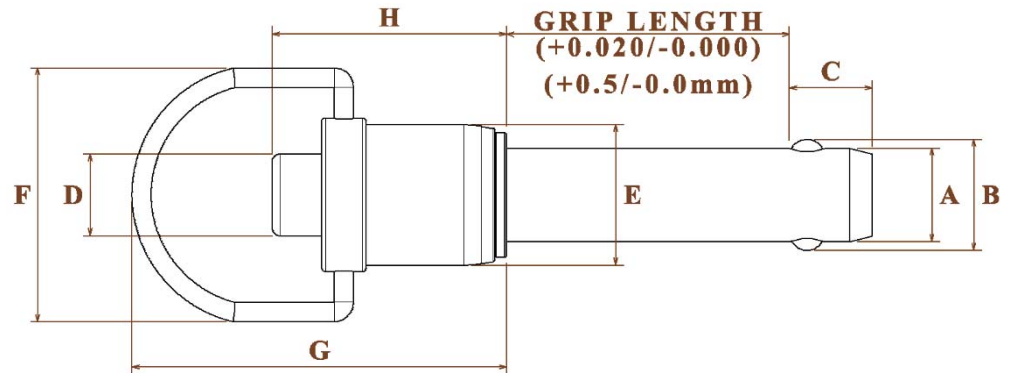
BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-3QRPR	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	1.060	1.450	.670	
JK-4QRPR	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	1.060	1.500	.720	
JK-5QRPR	5/16	.3095/.3110	.375	.330	.250	.310	.310	.500	1.060	1.650	.780	
JK-6QRPR	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	1.060	1.650	.880	
JK-7QRPR	7/16	.4345/.4360	.509	.380	.299	.390	.450	.625	1.090	1.850	.920	
JK-8QRPR	1/2	.4970/.4985	.594	.460	.435	.565	.630	.800	1.160	1.850	1.080	
JK-9QRPR	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	1.160	2.030	1.080	
JK-10QRPR	5/8	.6220/.6235	.750	.580	.450	.580	.810	.975	1.240	2.250	1.340	
JK-12QRPR	3/4	.7470/.7485	.887	.670	.570	.700	.810	1.000	1.640	2.650	1.440	
JK-14QRPR	7/8	.8720/.8735	1.046	.760	.700	.840	1.120	1.320	1.640	3.000	1.740	
JK-16QRPR	1	.9970/.9985	1.219	.890	.700	.840	1.120	1.320	1.640	3.100	1.940	

Metric

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-M5QRPR	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	26.92	32.26	17.02	
JK-M6QRPR	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	26.92	32.26	18.29	
JK-M8QRPR	8	7.92/7.96	9.42	8.00	6.35	7.87	7.87	12.70	26.92	32.26	19.81	
JK-M10QRPR	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	26.92	36.83	22.35	
JK-M12QRPR	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	29.46	40.64	27.43	
JK-M16QRPR	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	31.50	48.26	34.04	
JK-M20QRPR	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	41.66	50.80	36.58	
JK-M25QRPR	25	24.92/24.96	30.94	22.00	19.05	24.13	28.45	33.53	41.66	58.42	49.28	

- Handle is stainless steel.
- Button is stainless steel.
- Shank is stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option is available upon request.
- Meets or exceeds NASM 23460 specification.
- Meets or exceeds design specification MS 17987.

Standard Quick Release Pins with R-AU Handle



Inch

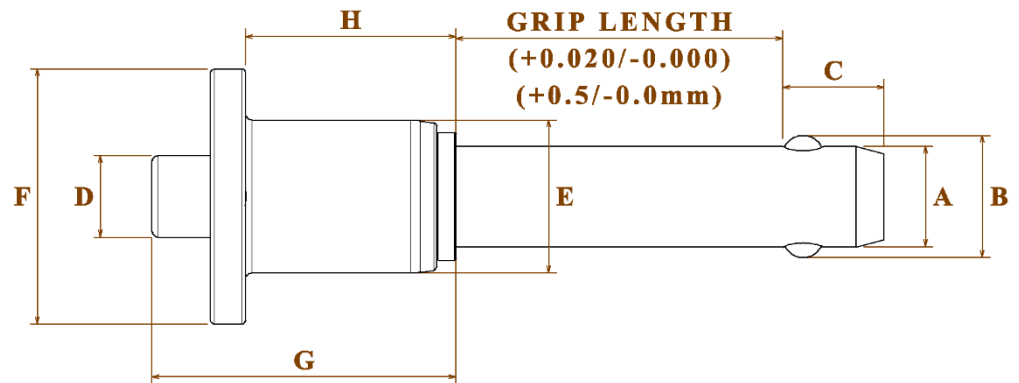
- Handle is black aluminum.
- Button is blue aluminum.
- Shank is carbon steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option is available upon request.
- Meets or exceeds NASM 23460 specification.

BASIC PART NO.	A DIA		B	C	D		E		F	G	H
	NOMINAL	ACTUAL	+/-0.005	+0.00/-0.04	Min.	Max.	Min.	Max.	Min.	Max.	Min.
JK-3QRPR-AU	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	1.060	1.450	.730
JK-4QRPR-AU	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	1.060	1.500	.780
JK-5QRPR-AU	5/16	.3095/.3110	.375	.330	.250	.310	.310	.500	1.060	1.650	.830
JK-6QRPR-AU	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	1.060	1.650	.940
JK-7QRPR-AU	7/16	.4345/.4360	.509	.380	.299	.390	.450	.625	1.090	1.850	.980
JK-8QRPR-AU	1/2	.4970/.4985	.594	.460	.435	.565	.630	.800	1.160	1.850	1.140
JK-9QRPR-AU	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	1.160	2.030	1.140
JK-10QRPR-AU	5/8	.6220/.6235	.750	.580	.450	.580	.810	.975	1.240	2.250	1.400
JK-12QRPR-AU	3/4	.7470/.7485	.887	.670	.570	.700	.810	1.000	1.640	2.650	1.500
JK-14QRPR-AU	7/8	.8720/.8735	1.046	.760	.700	.840	1.120	1.320	1.640	3.000	1.800
JK-16QRPR-AU	1	.9970/.9985	1.219	.890	.700	.840	1.120	1.320	1.640	3.100	2.000

Metric

BASIC PART NO.	A DIA		B	C	D		E		F	G	H
	NOMINAL	ACTUAL	+/-0.25	+/-1.0	Min.	Max.	Min.	Max.	Min.	Max.	Min.
JK-M5QRPR-AU	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	26.92	37.80	18.54
JK-M6QRPR-AU	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	26.92	37.80	19.81
JK-M8QRPR-AU	8	7.92/7.96	9.42	8.00	6.35	7.87	7.87	12.70	26.92	37.80	21.08
JK-M10QRPR-AU	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	26.92	37.80	23.88
JK-M12QRPR-AU	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	29.46	40.64	28.96
JK-M16QRPR-AU	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	31.50	48.26	35.56
JK-M20QRPR-AU	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	41.66	50.80	38.10
JK-M25QRPR-AU	25	24.92/24.96	30.94	22.00	19.05	24.13	28.45	33.53	41.66	62.20	50.80

Standard Quick Release Pins with BS Handle



Inch

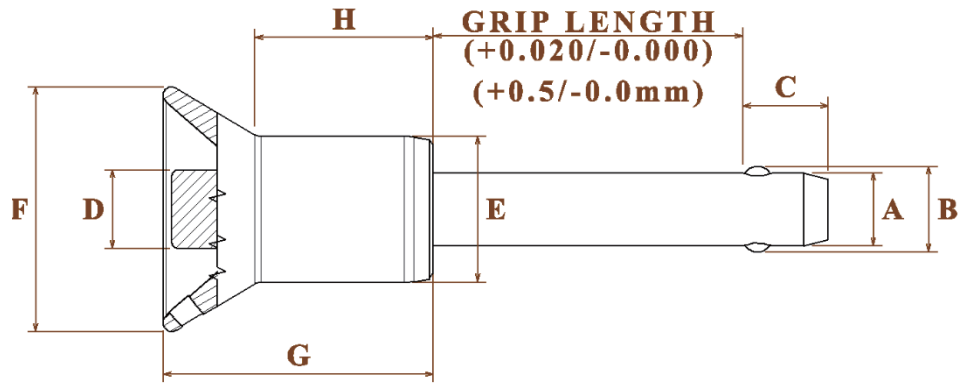
BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-3QRPBS	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	.720	.800	.870	.480
JK-4QRPBS	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	.720	.800	.870	.480
JK-5QRPBS	5/16	.3095/.3110	.375	.330	.250	.310	.410	.500	.720	.800	.950	.480
JK-6QRPBS	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	.875	1.135	1.110	.620
JK-7QRPBS	7/16	.4345/.4360	.509	.380	.299	.390	.550	.625	.940	1.400	1.110	.620
JK-8QRPBS	1/2	.4970/.4985	.594	.460	.435	.565	.600	.800	1.300	1.400	1.260	.720
JK-9QRPBS	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	1.340	1.650	1.260	.720
JK-10QRPBS	5/8	.6220/.6235	.750	.580	.450	.580	.750	.975	1.530	1.700	1.530	.950
JK-12QRPBS	3/4	.7470/.7485	.887	.670	.570	.700	.865	1.000	1.530	1.900	1.590	.950
JK-14QRPBS	7/8	.8720/.8735	1.046	.760	.700	.840	.980	1.320	2.120	2.250	2.170	1.270
JK-16QRPBS	1	.9970/.9985	1.219	.890	.750	.950	1.175	1.320	2.120	2.250	2.170	1.490

Metric

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL			Min.	Max.	Min.	Max.	Min.	Max.		
JK-M5QRPBS	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	18.29	20.32	22.10	12.19
JK-M6QRPBS	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	18.29	20.32	22.10	12.19
JK-M8QRPBS	8	7.92/7.96	9.42	8.00	6.35	7.87	10.41	12.70	18.29	20.32	24.13	12.19
JK-M10QRPBS	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	22.23	28.83	28.19	15.75
JK-M12QRPBS	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	29.85	34.9	32.00	18.29
JK-M16QRPBS	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	38.86	43.18	38.86	24.13
JK-M20QRPBS	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	38.86	48.26	40.39	24.13
JK-M25QRPBS	25	24.92/24.96	30.94	22.00	19.05	24.13	29.85	33.53	53.85	57.15	55.12	37.85

- Handle is stainless steel.
- Button is stainless steel.
- Shank is stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option available upon request.
- Meets or exceeds NASM 23460 specification.
- Meets or exceeds design specification MS 17984.

Standard Marine Quick Release Pins



Inch

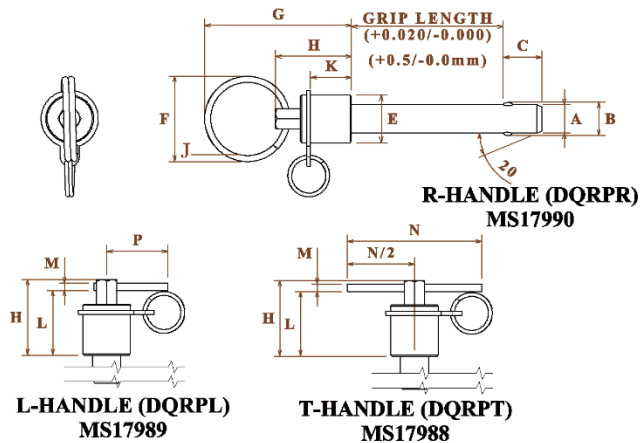
- Handle is stainless steel.
- Button is stainless steel.
- Shank is stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball option is available upon request.
- Meets or exceeds NASM 23460 specification.

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL	+/-0.005	+0.00/-0.04	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.
JK-3MQRP	3/16	.1870/.1885	.220	.260	.250	.310	.310	.500	.680	.820	1.000	.360
JK-4MQRP	1/4	.2470/.2485	.289	.290	.250	.310	.310	.500	.680	.820	1.000	.360
JK-5MQRP	5/16	.3095/.3110	.375	.330	.250	.310	.310	.500	.680	.820	1.000	.390
JK-6MQRP	3/8	.3720/.3735	.440	.365	.299	.390	.450	.625	.720	1.070	1.313	.440
JK-7MQRP	7/16	.4345/.4360	.509	.380	.299	.390	.450	.625	.930	1.070	1.313	.520
JK-8MQRP	1/2	.4970/.4985	.594	.460	.435	.565	.630	.800	.930	1.320	1.560	.660
JK-9MQRP	9/16	.5595/.5610	.666	.510	.435	.565	.680	.800	1.180	1.320	1.560	.880
JK-10MQRP	5/8	.6220/.6235	.750	.580	.450	.580	.810	.975	1.310	1.450	2.133	.880
JK-12MQRP	3/4	.7470/.7485	.887	.670	.570	.700	.810	1.000	1.310	1.450	2.463	1.170
JK-14MQRP	7/8	.8720/.8735	1.046	.760	.700	.840	1.120	1.320	1.400	1.570	2.842	1.250
JK-16MQRP	1	.9970/.9985	1.219	.890	.700	.840	1.120	1.320	1.400	1.570	2.937	1.340

Metric

BASIC PART NO.	A DIA		B	C	D		E		F		G	H
	NOMINAL	ACTUAL	+/-0.25	+/-1.0	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.
JK-M5MQRP	5	4.92/4.96	5.54	6.00	6.35	7.87	7.87	12.70	17.27	20.83	25.40	9.14
JK-M6MQRP	6	5.92/5.96	6.99	7.00	6.35	7.87	7.87	12.70	17.27	20.83	25.40	9.14
JK-M8MQRP	8	7.92/7.96	9.42	8.00	6.35	7.87	7.87	12.70	17.27	20.83	25.40	9.91
JK-M10MQRP	10	9.92/9.96	11.86	9.00	7.59	9.91	11.43	15.88	18.29	27.18	33.35	11.18
JK-M12MQRP	12	11.92/11.96	14.45	10.00	9.50	11.10	15.24	20.32	23.62	33.53	39.62	16.76
JK-M16MQRP	16	15.92/15.96	19.00	14.00	11.43	14.73	19.05	24.77	33.27	36.83	54.18	22.35
JK-M20MQRP	20	19.92/19.96	24.08	17.00	14.48	17.78	21.97	25.40	33.27	36.83	65.56	29.72
JK-M25MQRP	25	24.92/24.96	30.94	22.00	19.05	24.13	28.45	33.53	35.56	39.88	74.60	34.04

Double Acting Quick Release Pins with T, L, R Handle

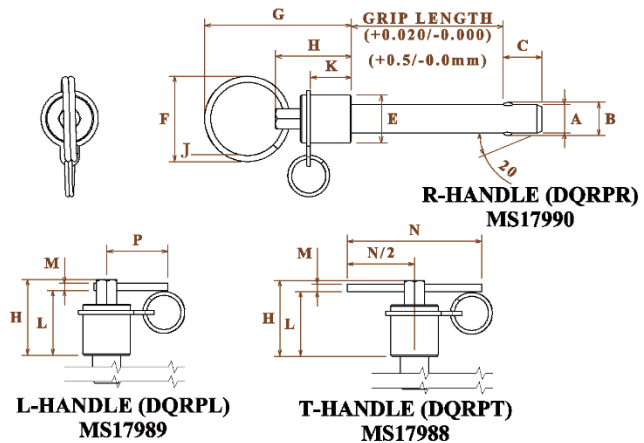


Inch

- Double acting pins are activated by push and pull motion.
- All stainless steel construction provides additional corrosion resistance.
- Shank is made from high strength stainless steel 17-4 PH heat treated.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball options available upon request.
- Meets or exceeds MS17988, MS17989, MS17990, NASM 23460 specification.

BASIC PART NO.	A		B	C	E		F		
	DIA				Min.	Max.	Min.	Max.	
	NOMINAL	ACTUAL	+/-0.005	Max.					Min.
JK-3DQRP	3/16	.1870/.1885	.220	.410	.360	.450	1.000	1.125	
JK-4DQRP	1/4	.2470/.2485	.289	.410	.360	.450	1.000	1.125	
JK-5DQRP	5/16	.3095/.3110	.375	.440	.390	.505	1.000	1.125	
JK-6DQRP	3/8	.3720/.3735	.440	.510	.510	.630	1.000	1.125	
JK-7DQRP	7/16	.4345/.4360	.509	.510	.510	.630	1.000	1.125	
JK-8DQRP	1/2	.4970/.4985	.594	.590	.640	.755	1.000	1.125	
JK-9DQRP	9/16	.5595/.5610	.666	.660	.640	.755	1.000	1.125	
JK-10DQRP	5/8	.6220/.6235	.750	.750	.805	.870	1.312	1.500	
JK-12DQRP	3/4	.7470/.7485	.887	.790	.890	.960	1.312	1.500	
JK-14DQRP	7/8	.8720/.8735	1.046	.950	1.070	1.150	1.312	1.500	
JK-16DQRP	1	.9970/.9985	1.219	1.110	1.200	1.280	1.312	1.500	
BASIC PART NO.	G	H	J	K		L	M DIA	N	P
	Max.	Max.	Min.	Min.	Max.	Min.			Max.
JK-3DQRP	1.945	1.030	.080	.415	.480	.780	.109	1.500	1.300
JK-4DQRP	1.945	1.030	.080	.415	.480	.780	.109	1.500	1.300
JK-5DQRP	1.945	1.030	.080	.415	.480	.780	.109	1.500	1.300
JK-6DQRP	2.025	1.090	.080	.445	.540	.830	.156	1.938	1.500
JK-7DQRP	2.025	1.090	.080	.445	.540	.830	.156	1.938	1.500
JK-8DQRP	2.200	1.270	.080	.445	.540	.880	.218	2.210	1.655
JK-9DQRP	2.200	1.270	.080	.445	.540	.880	.218	2.210	1.655
JK-10DQRP	2.690	1.465	.120	.510	.575	1.000	.250	2.437	1.810
JK-12DQRP	2.690	1.465	.120	.530	.595	1.000	.250	2.437	1.810
JK-14DQRP	2.860	1.640	.120	.665	.730	1.180	.250	2.813	2.250
JK-16DQRP	3.010	1.830	.120	.800	.865	1.320	.250	2.813	2.250

Double Acting Quick Release Pins with T, L, R Handle



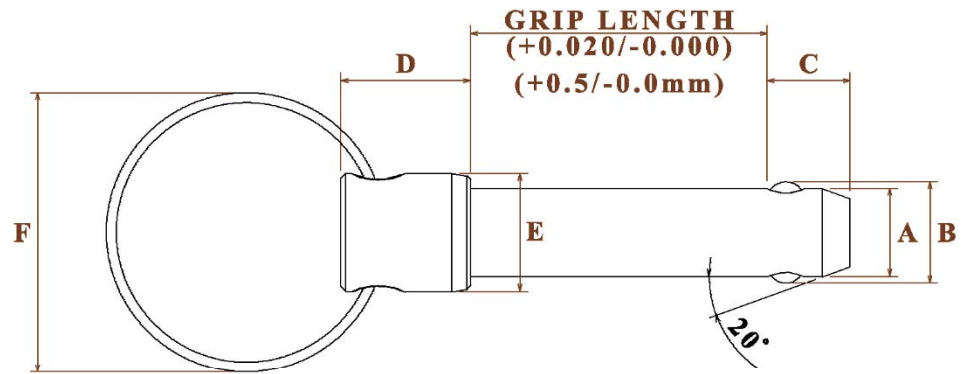
Metric

- Double acting pins are activated by push and pull motion.
- All stainless steel construction provides additional corrosion resistance.
- Shank is made from high strength stainless steel 17-4 PH heat treated.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Four ball options available upon request.
- Meets or exceeds MS17988, MS17989, MS17990, NASM 23460 specification.

BASIC PART NO.	A DIA			B	C	E		F	
	NOMINAL	ACTUAL	+/-0.25	Max.	Min.	Max.	Min.	Max.	
JK-M5DQRP	5	4. 92/4. 96	5. 54	10. 41	9. 14	11. 43	25. 40	28. 58	
JK-M6DQRP	6	5. 92/5. 96	6. 99	10. 41	9. 14	11. 43	25. 40	28. 58	
JK-M8DQRP	8	7. 92/7. 96	9. 42	11. 68	9. 91	12. 83	25. 40	28. 58	
JK-M10DQRP	10	9. 92/9. 96	11. 86	13. 21	12. 95	16. 00	25. 40	28. 58	
JK-M12DQRP	12	11. 92/11. 96	14. 45	13. 72	12. 95	16. 00	25. 40	28. 58	
JK-M16DQRP	16	15. 92/15. 96	19. 00	19. 18	20. 45	22. 10	33. 32	38. 10	
JK-M20DQRP	20	19. 92/19. 96	24. 08	20. 57	22. 61	24. 38	33. 32	38. 10	
JK-M25DQRP	25	24. 92/24. 96	30. 94	28. 83	30. 48	32. 51	33. 32	38. 10	

BASIC PART NO.	G	H	J	K		L	M DIA	N	P
	Max.	Max.	Min.	Min.	Max.	Min.			Max.
JK-M5DQRP	49. 40	26. 16	2. 03	10. 54	12. 19	19. 81	2. 78	38. 10	33. 02
JK-M6DQRP	49. 40	26. 16	2. 03	10. 54	12. 19	19. 81	2. 78	38. 10	33. 02
JK-M8DQRP	49. 40	26. 16	2. 03	10. 54	12. 19	19. 81	2. 78	38. 10	33. 02
JK-M10DQRP	51. 44	27. 69	2. 03	11. 30	13. 72	21. 08	3. 97	49. 21	38. 10
JK-M12DQRP	51. 44	27. 69	2. 03	11. 30	13. 72	21. 08	3. 97	49. 21	38. 10
JK-M16DQRP	68. 33	37. 21	3. 04	12. 95	14. 61	25. 40	6. 35	61. 91	45. 97
JK-M20DQRP	68. 33	37. 21	3. 04	13. 46	15. 11	25. 40	6. 35	61. 91	45. 97
JK-M25DQRP	76. 45	46. 48	3. 04	20. 32	21. 97	33. 53	6. 35	71. 45	57. 15

Heavy Duty Detent Pins



Inch

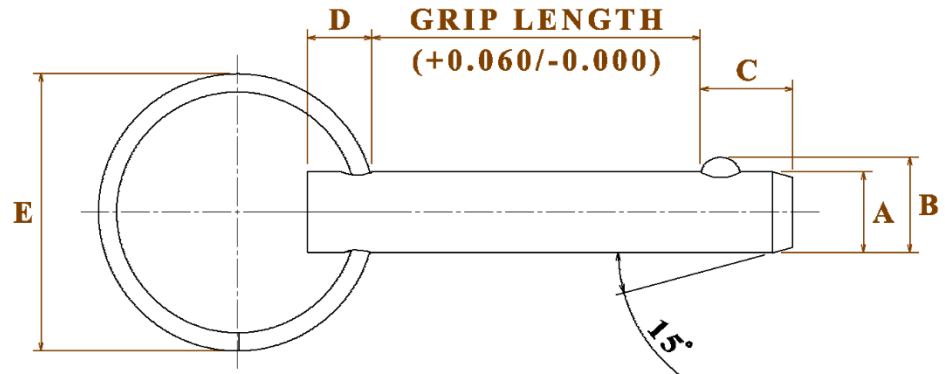
BASIC PART NO.	A DIA		B Min	C Max.	D	E +/-0.015	F	Recommended Hole Diameter	
	NOMINAL	ACTUAL						Min.	Max.
JK-3HDEP	3/16	.1855/.1885	.200	.250	.50	.375	1.187	.1900	.1940
JK-4HDEP	1/4	.2450/.2480	.280	.344	.50	.375	1.187	.2500	.2540
JK-5HDEP	5/16	.3075/.3105	.360	.359	.50	.438	1.187	.3125	.3165
JK-6HDEP	3/8	.3700/.3730	.430	.390	.50	.500	1.187	.3750	.3790
JK-7HDEP	7/16	.4325/.4355	.495	.469	.55	.625	1.187	.4375	.4425
JK-8HDEP	1/2	.4950/.4980	.570	.516	.55	.625	1.187	.5000	.5050
JK-9HDEP	9/16	.5575/.5605	.645	.593	.55	.625	1.687	.5625	.5675
JK-10HDEP	5/8	.6200/.6230	.720	.672	.55	.750	1.687	.6250	.6300
JK-12HDEP	3/4	.7450/.7480	.860	.750	.55	.875	1.687	.7500	.7570
JK-14HDEP	7/8	.8700/.8730	1.030	.859	.55	1.000	2.187	.8750	.8820
JK-16HDEP	1	.9950/.9980	1.160	.984	.55	1.125	2.187	1.0000	1.0100

Metric

BASIC PART NO.	A DIA		B Min	C Max.	D	E +/-0.4	F	Recommended Hole Diameter	
	NOMINAL	ACTUAL						Min.	Max.
JK-M5HDEP	5	4.87/4.95	5.23	6.35	12.7	9.53	30.15	5	5.1
JK-M6HDEP	6	5.87/5.95	6.88	8.74	12.7	9.53	30.15	6	6.1
JK-M8HDEP	8	7.87/7.95	9.35	9.12	12.7	11.13	30.15	8	8.1
JK-M10HDEP	10	9.87/9.95	11.58	9.91	12.7	12.70	30.15	10	10.1
JK-M12HDEP	12	11.87/11.95	13.84	13.11	14.2	15.88	30.15	12	12.1
JK-M16HDEP	16	15.87/15.95	18.54	17.07	14.2	19.05	42.85	16	16.1
JK-M20HDEP	20	19.87/19.95	22.91	19.05	14.2	22.23	42.85	20	20.15
JK-M25HDEP	25	24.87/24.95	29.18	24.99	14.2	28.58	55.55	25	25.15

- Heavy duty detent pin is a high quality shoulder style alignment pin for applications that don't require the positive locking ball feature.
- Heavy duty spring and 2 spring loaded stainless steel locking balls provide high pull out force.
- Available in heat treated alloy steel, 300 series stainless steel and 17-4PH heat treated stainless steel.
- Includes hole and split ring for easy attachment of optional lanyard.
- Customization is available.
- Meets or exceeds MIL-P-45952/1.

Standard Duty Detent Pins

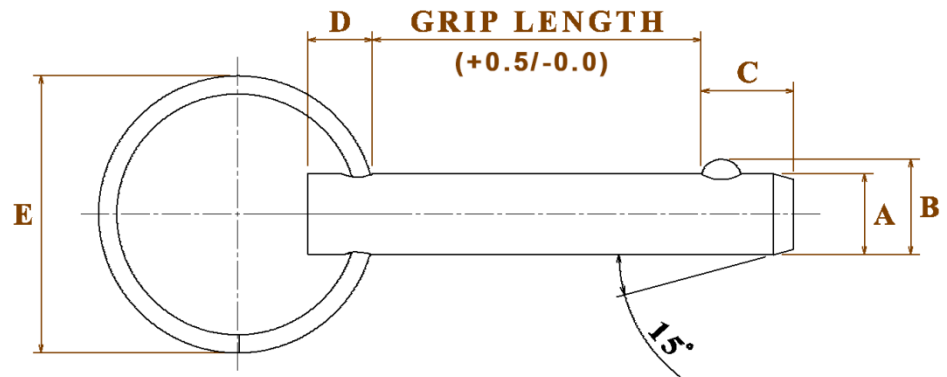


Inch

- Body is available in carbon steel or stainless steel.
- Two ball option is available upon request.
- Pin is activated by push or pull motion.
- Includes hold and split ring for easy attachment of optional lanyard.
- Customization is available.
- Optional materials, sizes, and styles are available.

BASIC PART NO.	A DIA		B	C	D	E
	NOMINAL	ACTUAL	+0.02/-0.02			
JK-3DEP	3/16	.1845/.1875	.204	.200	.187	1.00
JK-4DEP	1/4	.2470/.2500	.286	.312	.220	1.00
JK-5DEP	5/16	.3095/.3125	.358	.375	.250	1.00
JK-6DEP	3/8	.3720/.3750	.426	.500	.250	1.00
JK-7DEP	7/16	.4345/.4375	.496	.562	.250	1.00
JK-8DEP	1/2	.4970/.5000	.570	.625	.250	1.25
JK-10DEP	5/8	.6220/.6250	.710	.750	.375	1.25
JK-12DEP	3/4	.7470/.7500	.856	.937	.375	1.50
JK-16DEP	1	.9970/1.0000	1.140	1.250	.500	1.50
BASIC PART NO.	End Shape		Recommended Hole Diameter			
			Min.	Max.		
JK-3DEP	Chamfer		.1890	.1930		
JK-4DEP	Chamfer		.2515	.2555		
JK-5DEP	Chamfer		.3140	.3180		
JK-6DEP	Chamfer		.3765	.3805		
JK-7DEP	Chamfer		.4390	.4430		
JK-8DEP	Chamfer		.5015	.5065		
JK-10DEP	Chamfer		.6265	.6315		
JK-12DEP	Chamfer		.7515	.7585		
JK-16DEP	Chamfer		1.0015	1.0115		

Standard Duty Detent Pins

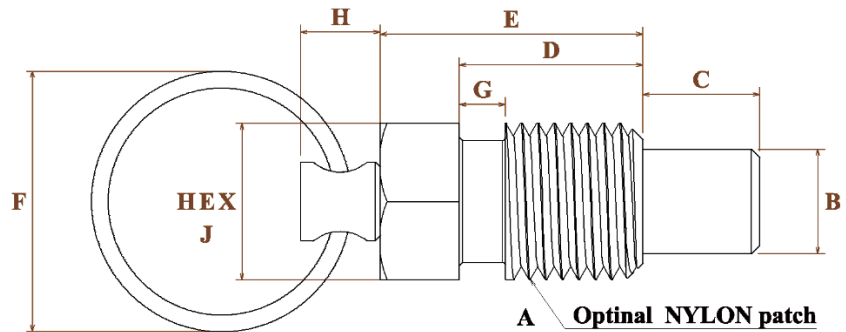


- Body is available in carbon steel or stainless steel.
- Two ball option is available upon request.
- Pin is activated by push or pull motion.
- Includes hold and split ring for easy attachment of optional lanyard.
- Customization is available.
- Optional materials, sizes, and styles are available.

Metric

BASIC PART NO.	A DIA		B	C	D	E
	NOMINAL	ACTUAL	+0.5/-0.5			
JK-M5DEP	5mm	4.9/5.0	5.4	5.1	4.8	25.4
JK-M6DEP	6mm	5.9/6.0	6.9	7.9	5.6	25.4
JK-M8DEP	8mm	7.9/8.0	8.9	9.5	6.4	25.4
JK-M10DEP	10mm	9.9/10.0	11.3	12.7	6.4	25.4
JK-M12DEP	12mm	11.9/12.0	13.8	15.8	7.9	31.8
BASIC PART NO.	End Shape		Recommended Hole Diameter			
			Min.		Max.	
JK-M5DEP	Chamfer		5.04		5.14	
JK-M6DEP	Chamfer		6.04		6.14	
JK-M8DEP	Chamfer		8.04		8.14	
JK-M10DEP	Chamfer		10.04		10.14	
JK-M12DEP	Chamfer		12.04		12.16	

Retractable Spring Plunger – Short Pull Ring (Inch)



- Short pull ring is activated by pull motion.
- Hex nut is optional.
- Material is available in steel zinc plated or stainless steel.
- Customization is available.

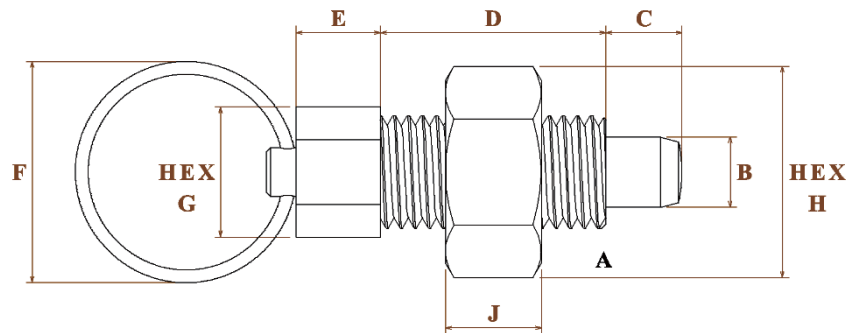
Steel Zinc

BASIC PART NO. (STEEL ZINC)	A Thread	B		C	D	E	F	G	H	J
		NOMINAL	ACTUAL							
JK-4RPP	1/4-20	1/8	.154/.157	3/16	9/32	7/16	1/2	1/32	5/32	1/4
JK-6RPP	3/8-16	3/16	.248/.251	9/32	7/16	5/8	3/4	1/8	3/16	3/8
JK-8RPP	1/2-13	1/4	.310/.313	3/8	9/16	13/16	1	1/8	1/4	1/2
JK-10RPP	5/8-11	3/8	.373/.376	7/16	11/16	1	1	5/32	5/16	5/8

Stainless Steel

BASIC PART NO. (STAINLESS STEEL)	A Thread	B		C	D	E	F	F	F	F
		NOMINAL	ACTUAL							
JK-4RPPS	1/4-20	1/8	.154/.157	3/16	9/32	7/16	1/2	1/32	5/32	1/4
JK-6RPPS	3/8-16	3/16	.248/.251	9/32	7/16	5/8	3/4	1/8	3/16	3/8
JK-8RPPS	1/2-13	1/4	.310/.313	3/8	9/16	13/16	1	1/8	1/4	1/2
JK-10RPPS	5/8-11	3/8	.373/.376	7/16	11/16	1	1	5/32	5/16	5/8

Retractable Spring Plunger – Pull Ring (Metric)



Steel Zinc

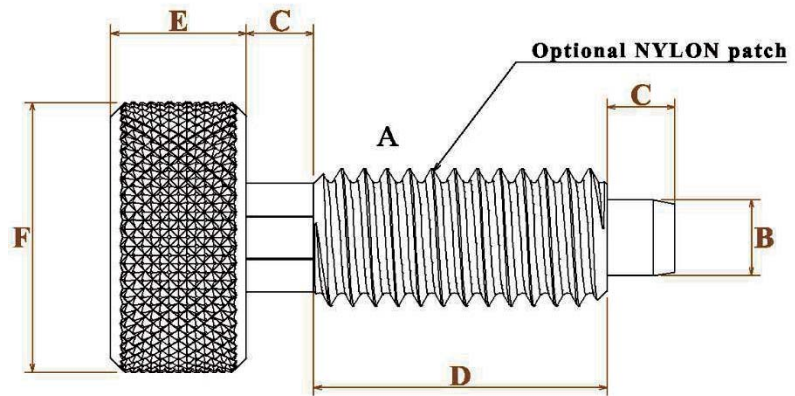
- Pull ring is activated by pull motion.
- Material is available in steel zinc plated or stainless steel.
- Customization is available.

BASIC PART NO. (STEEL ZINC)	A Thread	B		C	D	E	F	G	H	J
		NOMINAL	ACTUAL							
JK-717-AKM6-1.0	M6	4	3.96/3.98	4.5	12	4.5	14	6	10	3
JK-717-AKM8-1.25	M8	5	4.96/4.98	5.5	16	6	18	8	13	4
JK-717-AKM10-1.5	M10	6	5.96/5.98	6	20	7.5	24	10	16	5
JK-717-AKM12-1.75	M12	8	7.96/7.98	8	24	9	30	12	18	6

Stainless Steel

BASIC PART NO. (STAINLESS STEEL)	A Thread	B		C	D	E	F	G	H	J
		NOMINAL	ACTUAL							
JK-717-AKM6-1.0SS	M6	4	3.96/3.98	4.5	12	4.5	14	6	10	3
JK-717-AKM8-1.25SS	M8	5	4.96/4.98	5.5	16	6	18	8	13	4
JK-717-AKM10-1.5SS	M10	6	5.96/5.98	6	20	7.5	24	10	16	5
JK-717-AKM12-1.75SS	M12	8	7.96/7.98	8	24	9	30	12	18	6

Retractable Spring Plunger - Knurled Knob



Inch

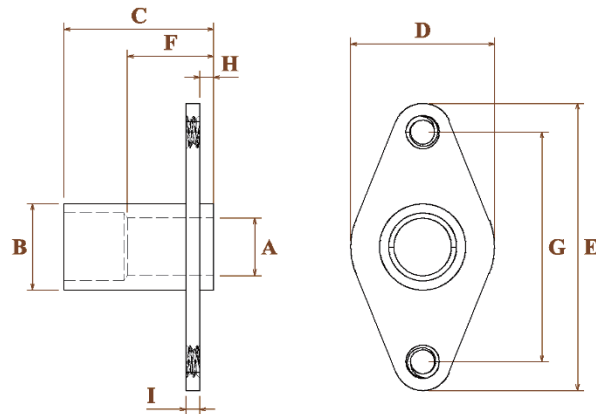
- Pull and 1/4 turn to retain pin in retracted position.
- Material is available in steel zinc plated or stainless steel.
- Customization is available.

BASIC PART NO. STEEL ZINC	BASIC PART NO. STAINLESS STEEL	A Thread	B		C	D	E	F
			NOMINAL	ACTUAL				
JK-3HRP	JK-3HRPS	#10-32	7/54	.102/.105	3/32	13/32	3/16	3/8
JK-4HRP	JK-4HRPS	1/4-20	1/8	.122/.125	1/8	1/2	1/4	1/2
JK-5HRP	JK-5HRPS	5/16-18	5/32	.153/.156	3/16	5/8	9/32	5/8
JK-6HRP	JK-6HRPS	3/8-16	3/16	.184/.187	7/32	3/8	5/16	3/4
JK-8HRP	JK-8HRPS	1/2-13	1/4	.247/.250	1/4	7/8	3/8	1

Metric

BASIC PART NO. STEEL ZINC	BASIC PART NO. (STAINLESS STEEL)	A Thread	B		C	D	E	F
			NOMINAL	ACTUAL				
JK-M6HRP	JK-M6HRPS	M6*1.0P	3	2.92/3.00	3.18	12.70	6.35	12.70
JK-M8HRP	JK-M8HRPS	M8*1.25P	4	3.92/4.00	4.75	15.88	7.14	15.88
JK-M10HRP	JK-M10HRPS	M10*1.5P	5	4.92/5.00	5.56	19.05	7.94	19.05
JK-M12HRP	JK-M12HRPS	M12*1.75P	6	5.92/6.00	6.35	22.23	9.53	25.4

Quick Release Pins Receptacles – Diamond Flange



Inch

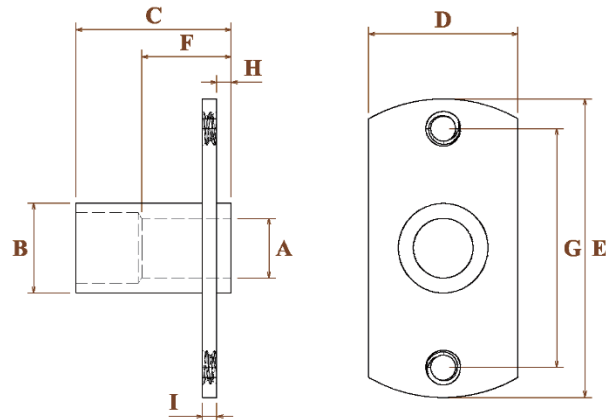
- When the pin doesn't have a surface to lock against, use this receptacle for a permanent mating hole.
- Receptacle mounting hole size is 6-32, except 1/2" diameter is 10-32.
- Material is stainless steel.
- Customization is available.

BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-3DMD-0.375S	3/16	3/8	11/16	5/8	1 1/4	3/8	1	0.060	0.060
JK-4DMD-0.375S	1/4	3/8	11/16	5/8	1 1/4	3/8	1	0.060	0.060
JK-5DMD-0.5S	5/16	1/2	3/4	5/8	1 1/4	1/2	1	0.060	0.060
JK-6DMD-0.5625S	3/8	9/16	7/8	5/8	1 1/4	9/16	1	0.060	0.060
JK-8DMD-0.75S	1/2	3/4	1 3/16	7/8	1 1/2	3/4	1 1/8	0.060	0.100

Metric

BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-M5DMD-10S	5	9.53	16.51	15.88	31.75	10	25	1.52	1.52
JK-M6DMD-10S	6	9.53	16.51	15.88	31.75	10	25	1.52	1.52
JK-M8DMD-13S	8	11.91	19.89	15.88	31.75	13	25	1.52	1.52
JK-M10DMD-15S	10	14.29	23.19	15.88	31.75	15	25	1.52	1.52
JK-M12DMD-20S	12	19.05	30.35	22.23	38.10	20	29	1.52	2.54

Quick Release Pins Receptacles – Oblong Flange



Inch

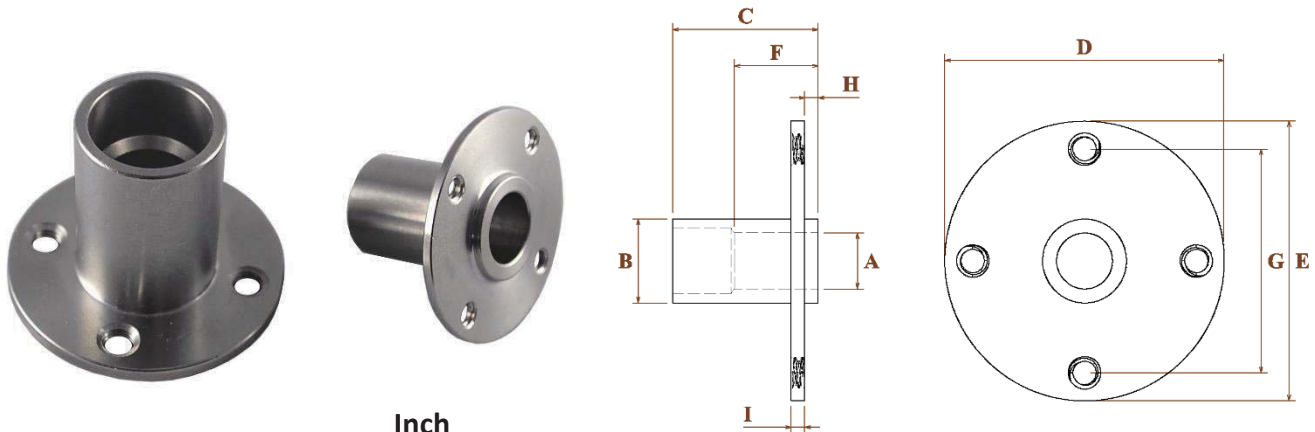
- When the pin doesn't have a surface to lock against, use this receptacle for a permanent mating hole.
- Receptacle mounting hole size is 6-32, except 1/2" diameter is 10-32.
- Material is stainless steel.
- Customization is available.

BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-30LG-0.375S	3/16	3/8	11/16	5/8	1 1/4	3/8	1	0.060	0.060
JK-40LG-0.375S	1/4	3/8	11/16	5/8	1 1/4	3/8	1	0.060	0.060
JK-50LG-0.5S	5/16	1/2	3/4	5/8	1 1/4	1/2	1	0.060	0.060
JK-60LG-0.5625S	3/8	9/16	7/8	5/8	1 1/4	9/16	1	0.060	0.060
JK-80LG-0.75S	1/2	3/4	1 3/16	7/8	1 1/2	3/4	1 1/8	0.060	0.100

Metric

BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-M50LG-10S	5	9.53	16.51	15.88	31.75	10	25	1.52	1.52
JK-M60LG-10S	6	9.53	16.51	15.88	31.75	10	25	1.52	1.52
JK-M80LG-13S	8	11.91	19.89	15.88	31.75	13	25	1.52	1.52
JK-M100LG-15S	10	14.29	23.19	15.88	31.75	15	25	1.52	1.52
JK-M120LG-20S	12	19.05	30.35	22.23	38.10	20	29	1.52	2.54

Quick Release Pins Receptacles – Round Flange



Inch

- When the pin doesn't have a surface to lock against, use this receptacle for a permanent mating hole.
- Receptacle mounting hole size is 6-32, except 1/2" diameter is 10-32.
- Material is stainless steel.
- Customization is available.

BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-3RND-0.375S	3/16	3/8	11/16	1 1/4	1 1/4	3/8	1	0.060	0.060
JK-4RND-0.375S	1/4	3/8	11/16	1 1/4	1 1/4	3/8	1	0.060	0.060
JK-5RND-0.5S	5/16	1/2	3/4	1 1/4	1 1/4	1/2	1	0.060	0.060
JK-6RND-0.5625S	3/8	9/16	7/8	1 1/4	1 1/4	9/16	1	0.060	0.060
JK-8RND-0.75S	1/2	3/4	1 3/16	1 1/2	1 1/2	3/4	1 1/8	0.060	0.100

Metric

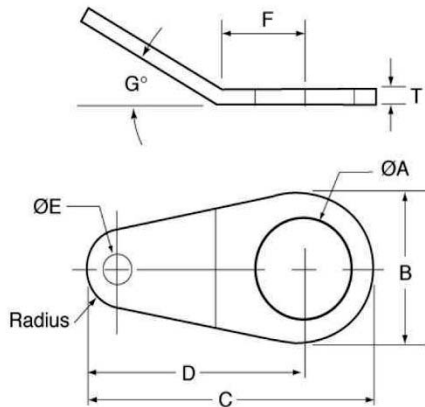
BASIC PART NO.	FITS PIN DIA.	BARREL OD.	O' ALL LG.	FLANGE		USABLE LG. REDUCTION	G	H	I
	A	B	C	D	E	F			
JK-M5RND-10S	5	9.53	16.51	31.75	31.75	10	25	1.52	1.52
JK-M6RND-10S	6	9.53	16.51	31.75	31.75	10	25	1.52	1.52
JK-M8RND-13S	8	11.91	19.89	31.75	31.75	13	25	1.52	1.52
JK-M10RND-15S	10	14.29	23.19	31.75	31.75	15	25	1.52	1.52
JK-M12RND-20S	12	19.05	30.35	38.10	38.10	20	29	1.52	2.54

Lanyards Specifikaions & Styles

302/304 Stainless Steel canble, 1/16 (1.59 mm), with green nylon jacket 1/8 (3.18mm).

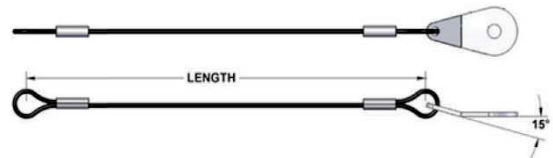
Other cable diameters, other jacket colors (black, blue, clear) and special configuration styles by special order.

Round Tab

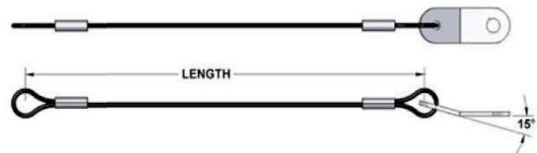


Standard material
Stainless steel

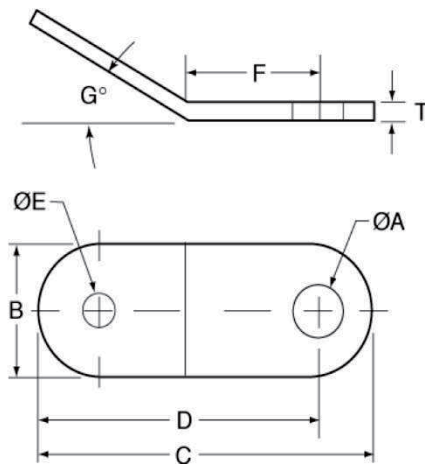
Standard (W/Tab) type1



Standard (W/Tab) type2

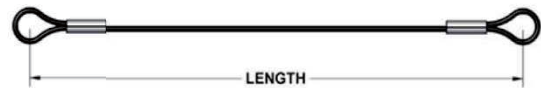


Oval Tab

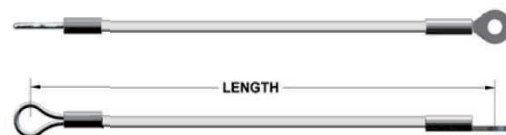


Standard material
Aluminum

Standard (Two loops)



Loop/Eyelet



Tab Dimensions - Inch

Tab Style	+/-0.01 A	+/-0.01 B	+/-0.02 C	+/-0.02 D	+/-0.005 E	+/-0.016 Radius	+/-0.01 F	+/-5 deg. G	+/-0.01 T
Round Tab	0.256	0.688	1.300	0.955	0.118	0.16	0.404	12	0.060
Oval Tab	0.244/0.197	0.500	1.370	1.104	0.118	-	0.484	12	0.060

Quick Release Pins Specifications

- Double Shear Resistance Data
(Inch size & Metric size)

Standard Quick Release Pin Diameters				Double Shear Resistance (Minimum)			
				Stainless Steel (17-4PH)		Alloy Steel (Cadmium Plated)	
Nominal		Min/Max (Inches)	Min/Max (mm)	Lbs	kN	Lbs	kN
3/16"		0.1870/0.1885	4.75/4.79	5150	23	4600	20
	5mm	0.1937/0.1953	4.92/4.96	5395	24	4721	21
	6mm	0.2331/0.2346	5.92/5.96	7868	35	6969	31
1/4"		0.2470/0.2485	6.27/6.31	9200	41	8200	36
5/16"		0.3095/0.3110	7.86/7.90	14400	64	12800	57
	8mm	0.3118/0.3134	7.92/7.96	14695	65	13062	58
3/8"		0.3720/0.3735	9.45/9.49	20700	92	18400	82
	10mm	0.3906/0.3921	9.92/9.96	22480	100	19782	88
7/16"		0.4345/0.360	11.04/11.07	28500	127	25000	111
	12mm	0.4693/0.4709	11.92/11.96	32371	144	28774	128
1/2"		0.4970/0.4985	12.62/12.66	36900	164	32800	146
9/16"		0.5595/0.5610	14.21/14.25	46700	208	41600	185
5/8"		0.6220/0.6235	15.80/15.84	57800	257	51400	229
	16mm	0.6268/0.6283	15.92/15.96	57774	257	51479	229
3/4"		0.7470/0.7485	18.97/19.01	83200	370	74600	332
	20mm	0.7843/0.7858	19.92/19.96	90594	403	80528	358
7/8"		0.8720/0.8735	22.15/22.19	112500	500	100000	445
	25mm	0.9811/0.9827	24.92/24.96	141849	631	126113	561
1"		0.9970/0.9985	25.32/25.36	147200	655	131000	583

Prüfbericht-Nr.: Test Report No.:	11036405 001	Auftrags-Nr.: Order No.:	114020699	Seite 1 von 2 Page 1 of 2
Kunden-Referenz-Nr.: Client Reference No.:	494910	Auftragsdatum: Order date:	02.Apr.2014	
Auftraggeber: Client:	Jin Kou Enterprise Co., LTD. No. 13, Ln. 114, Taishun St., Shulin Dist., New Taipei City 23874, Taiwan, R.O.C.			
Prüfgegenstand: Test item:	Quick Release Pins; Ball lock Pins; Positive Locking Pins			
Bezeichnung / Typ-Nr.: Identification / Type No.:	Please refer to test result			
Auftrags-Inhalt: Order content:	Double shear test			
Prüfgrundlage: Test specification:	Apply to applicant , DIN EN 28749-1992			
Wareneingangsdatum: Date of receipt:	10.Mar.2014	Please refer to page 2		
Prüfmuster-Nr.: Test sample No.:	A000040722			
Prüfzeitraum: Testing period:	03.Mar.2014 - 03.Mar.2014			
Ort der Prüfung: Place of testing:	TÜV Rheinland Taiwan Ltd., Taichung Laboratory			
Prüflaboratorium: Testing laboratory:	Metal Industries R&D Centre			
Prüfergebnis*: Test result*:	Siehe Sonstiges / See Other			
geprüft von / tested by:		kontrolliert von / reviewed by:		
08.Apr.2014 Mac Kung / Engineer		08.Apr.2014 Chih-Hao Uen / Reviewer		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other: Material specification provided from client shows CRES 17-4 PH, SUS 630, DIN 1.4542.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

Prüfbericht - Nr.: 11036405 001

Test Report No.:

Seite 2 von 2

Page 2 of 2

Test Method : Double Shear

Specification : Apply to applicant 、 DIN EN 28749-1992

Ambient Temp.: Temp. 24 °C

Test Result :

No.	Sample Size	Test Value kN (Lbs)	Standard Value kN (Lbs) min. Apply to the applicant
1	5mm	30.09 (6764.50)	24 (5395)
2	6mm	43.61 (9803.92)	35 (7868)
3	8mm	77.53 (17429.44)	65 (14695)
4	10mm	117.5 (26415.06)	100 (22480)
5	12mm	163.05 (36655.10)	144 (32371)
6	16mm	316.86 (71232.97)	257 (57774)
7	20mm	493.50 (110943.20)	403 (90594)
8	25mm	777.50 (174789.00)	671 (141849)
9	3/16"	23.44 (5269.52)	23 (5150)
10	1/4"	47.58 (10696.41)	41 (9200)
11	5/16"	86.20 (19378.53)	64 (14400)
12	3/8"	121.41 (27294.06)	92 (20700)
13	7/16"	144.73 (32536.60)	127 (28500)
14	1/2"	172.34 (38743.58)	164 (36900)
15	9/16"	270.64 (60842.30)	208 (46700)
16	5/8"	290.47 (65300.26)	257 (57800)
17	3/4"	410.19 (92214.40)	370 (83200)
18	7/8"	630.5 (141742.10)	500 (112500)
19	1"	808.50 (181758.10)	655 (147200)



Metric Units Sample



Imperial Units Sample

End of test report –