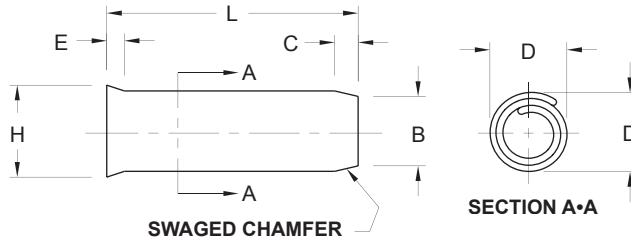


SERIES 410 FLARED PINS Specifications and Technical Data



When a design calls for the flare of the pin to be driven down flush, the radius under the flare must be given clearance. To provide this clearance, countersink the hole in the component adjacent to the flare.

PIN DUTIES	PIN MATERIAL AND HARDNESS		FINISHES
M Standard	B High Carbon Steel SAE 1070-1095/CS 70	HV 420 TO 545	K Plain, oiled
H Heavy	C Chrome Stainless Steel SAE 51420	HV 460 TO 560	P Passivated, oiled
	D Nickel Stainless Steel SAE 30302/30304	Work hardened	R Phosphate coated
			T Zinc Plated

DIMENSIONAL DATA — INCH

NOMINAL PIN SIZE	PIN DIAMETER				FLARE DIMENSIONS			CHAMFER		RECOMMENDED HOLE SIZE		LENGTHS
	D				H		E	B	C			L
	STANDARD DUTY		HEAVY DUTY		DIAMETER		THICK- NESS	DIA.	LENGTH	TOLERANCE ± .020		
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	REF.	MAX.	REF.			MAX.
.062 1/16	.072	.067	.070	.066	.087	.078	.031	.059	.028	.065	.062	.187 to .750
.078 5/64	.088	.083	.086	.082	.106	.095	.031	.075	.032	.081	.078	.250 to .875
.094 3/32	.105	.099	.103	.098	.124	.112	.047	.091	.038	.097	.094	.312 to 1.000
.125 1/8	.138	.131	.136	.130	.160	.145	.047	.121	.044	.129	.125	.375 to 1.500
.156 5/32	.171	.163	.168	.161	.196	.178	.062	.152	.048	.160	.156	.437 to 1.750
.187 3/16	.205	.196	.202	.194	.232	.211	.062	.182	.055	.192	.187	.500 to 2.000
.250 1/4	.271	.260	.268	.258	.305	.278	.062	.243	.065	.256	.250	.500 to 2.000

DIMENSIONAL DATA — METRIC

NOMINAL PIN SIZE	PIN DIAMETER				FLARE DIMENSIONS			CHAMFER		RECOMMENDED HOLE SIZE		LENGTHS
	D				H		E	B	C			L
	STANDARD DUTY		HEAVY DUTY		DIAMETER		THICK- NESS	DIA.	LENGTH	TOLERANCE ± 0.50		
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	REF.	MAX.	REF.			MAX.
1.5	1.73	1.62	1.71	1.61	2.2	1.9	0.7	1.4	0.5	1.6	1.5	5 to 18
2	2.25	2.13	2.21	2.11	2.7	2.4	0.8	1.9	0.7	2.1	2	6 to 20
2.5	2.78	2.65	2.73	2.62	3.3	2.9	0.9	2.4	0.7	2.6	2.5	8 to 25
3	3.3	3.15	3.25	3.12	3.9	3.4	1	2.9	0.9	3.1	3	8 to 30
3.5	3.84	3.67	3.79	3.64	4.5	4	1.1	3.4	1	3.62	3.5	10 to 35
4	4.4	4.2	4.3	4.15	5	4.5	1.2	3.9	1.1	4.12	4	12 to 40
5	5.5	5.25	5.35	5.15	6.2	5.5	1.4	4.85	1.3	5.12	5	14 to 50
6	6.5	6.25	6.4	6.18	7.3	6.6	1.6	5.85	1.5	6.13	6	18 to 50

- ⊙ Specifications on other metric and inch diameters and lengths are available on request.
- ⊙ Shear strength is the same as the equivalent size, material and duty coiled pin.



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