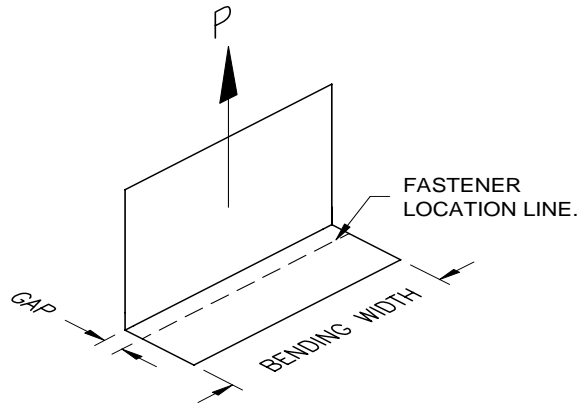


CLIP ANGLE BENDING CAPACITY

$$P_{\max} (\text{lbs}) = [(0.6 * F_y) * (\text{Bending Width}) * (t^2)] / [6 * \text{GAP}]$$

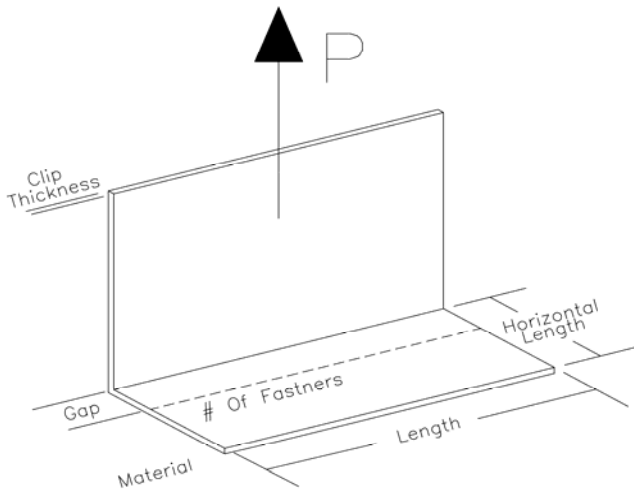


1

Gap

Bending Width	Yield Strength	33 mil	43 mil	54 mil	68 mil	97 mil	118 mil
		0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
1 1/2	33	6	10	16	25	51	76
1 1/2	50	9	15	24	38	78	116
2	33	8	13	21	34	68	102
2	50	12	20	32	51	103	154
3	33	12	20	32	50	102	153
3	50	18	31	48	76	155	231
4	33	16	27	42	67	137	204
4	50	24	41	64	102	207	309
5	33	20	34	53	84	171	255
5	50	30	51	80	127	259	386
6	33	24	40	63	101	205	305
6	50	36	61	96	153	310	463
7	33	28	47	74	117	239	356
7	50	42	71	112	178	362	540
8	33	32	54	85	134	273	407
8	50	48	81	128	203	414	617
9	33	36	60	95	151	307	458
9	50	54	92	144	229	465	694
10	33	40	67	106	168	341	509
10	50	60	102	160	254	517	771
11	33	43	74	116	185	375	560
11	50	66	112	176	280	569	848
12	33	47	81	127	201	410	611
12	50	72	122	192	305	621	926

Clip Tension Including Fasteners



Horizontal Length

Length

Gap

Fastners

Clip Thickness

Fy

Fastner Type

Material Type

Calculate

P (lbs)

591

Bending of Angle Governs