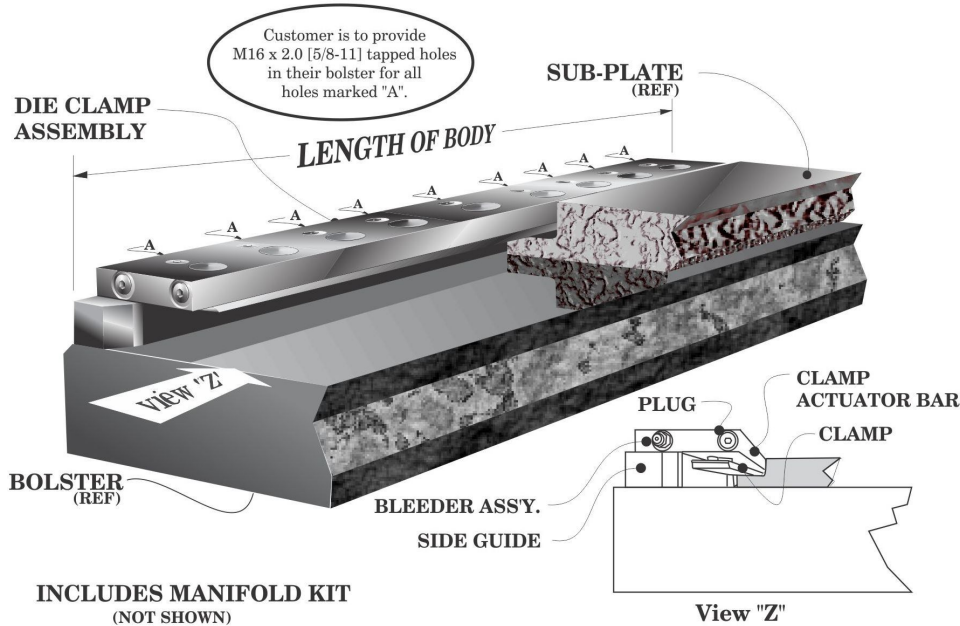


# LEDGE CLAMP Assembly



Atlas LEDGE CLAMPS are designed to secure and position the bottom die subplate during press operation with the fast release of the subplate during die removal or changeover. The clamp unit is a guide rail, ensuring accurate alignment of the subplate and die.

## Features

- Hydraulic In & Bleeder Ports are reversible.
- Shortest length clamp has 100,076 N force @ 138 bar hydraulic pressure [22,498 lbs. force @ 2,000 psi.].
- Longest length clamp has 357,415 N force @ 138 bar hydraulic pressure [80,350 lbs. force @ 2,000 psi.].
- Each piston provides 14,296 N force @ 138 bar hydraulic pressure [3,214 lbs. force @ 2,000 psi.].
- 4.8 mm [.19 in.] stroke.
- Single acting spring return cylinders.
- Minimum amount of fittings.
- Accepts die from front or rear sides.
- Simple & inexpensive mounting to bolster.
- Plate to guide clearance of 0.8 mm [.03 in.].
- Guides as well as clamps the sub-plate.

LENGTH CODE	LENGTH OF BODY mm	LENGTH OF BODY [IN]	No. of TAPPED HOLES per clamp	TOTAL CLAMP FORCE @137.9 BAR NEWTONS	TOTAL CLAMP FORCE @2,000 psi POUNDS
.01	914.4	36.00	8	100,076	22,498
.03	1,016.0	40.00	9	114,373	25,712
.05	1,117.6	44.00	10	128,669	28,926
.07	1,219.2	48.00	11	142,966	32,140
.09	1,320.8	52.00	12	157,262	35,354
.11	1,422.4	56.00	13	171,559	38,568
.13	1,524.0	60.00	14	185,856	41,782
.15	1,625.6	64.00	15	200,152	44,996
.17	1,727.2	68.00	16	214,449	48,210
.19	1,828.8	72.00	17	228,745	51,424
.21	1,930.4	76.00	18	243,042	54,638
.23	2,032.0	80.00	19	257,339	57,852
.25	2,133.6	84.00	20	271,635	61,066
.27	2,235.2	88.00	21	285,932	64,280
.29	2,336.8	92.00	22	300,228	67,494
.31	2,438.4	96.00	23	314,525	70,708
.33	2,540.0	100.00	24	328,821	73,922
.35	2,641.6	104.00	25	343,118	77,136
.37	2,743.2	108.00	26	357,415	80,350

## Ordering Information . . . . .

**CLAMP SERIES --- S.076.AA.011.xx (BSPP)**

**CLAMP SERIES --- S.076.00.011.xx (SAE)**

\* Length Code \_\_\_\_\_

Dimensions shown: mm [inch]

Contact a Components Representative at 810-629-6663 or online at [www.atlastechnologies.com](http://www.atlastechnologies.com).