- Spherical Radius on Head allows installation without extra machining on the head
- Precision ground shanks provide the press fit necessary for secure installation
- Smooth surface with non-galling surface treatment eliminates wear
- Made from High Tinsel Strength Steel and treated for Lubricity


| Diameter | Step Diameter | Head Diameter | Head Thickness | Head Radius | Overall Length | Step Length | Catalog Number | List Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | P | H | K | R | L | S |  |  |
| . 374 | . 377 | . 500 | . 250 | 3/8 | 6.00 | 7/8 | AP03706 | 12.00 |
|  |  |  |  |  | 10.00 | 1-3/8 | AP03710 | 13.00 |
| . 499 | . 502 | . 625 | . 250 | 1/2 | 6.00 | 7/8 | AP05006 | 13.00 |
|  |  |  |  |  | 10.00 | 1-3/8 | AP05010 | 18.00 |
| . 624 | . 627 | . 750 | . 250 | 5/8 | 6.00 | 7/8 | AP06306 | 13.50 |
|  |  |  |  |  | 10.00 | 1-3/8 | AP06310 | 18.00 |
| . 749 | . 752 | . 875 | . 312 | 3/4 | 10.00 | 1-3/8 | AP07510 | 26.00 |
|  |  |  |  |  | 14.00 | 1-3/8 | AP07514 | 45.00 |

## Installation Instructions:

| Dia | D* | $\mathbf{A}$ | $\mathbf{T}$ | $\mathbf{H}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | $* 3765$ | $10^{*}$ | .256 |  |
|  |  | $15^{*}$ | .264 | .562 |
|  |  | $20^{*}$ | .275 |  |
| $1 / 2$ | .5015 | $10^{*}$ | .258 |  |
|  |  | $15^{*}$ | .268 | .688 |
|  |  | $20^{*}$ | .283 |  |
| $5 / 8$ | .6265 | $10^{*}$ | .260 |  |
|  |  | $15^{*}$ | .273 | .812 |
|  |  | $20^{*}$ | .291 |  |
| $3 / 4$ | .7515 | $10^{*}$ | .324 |  |
|  |  | $15^{*}$ | .339 | .938 |
|  |  | $20^{*}$ | .361 |  |

Notes:

* Diameter dimension specified for hole will provide approximately .000 to .001 clearance with the "P" diameter to press fit area of the pins. Moldmaker to adjust " D " diameter hole dimensions to obtain specific fit required.

Cut angle pin to length as required to achieve desired travel on slide. Typically, a spherical radius or cone shape with a spherical radius is machined on end of angle pin (opposite the head)

Spherical radius on head is suitable for angles up to and including 20 degrees.


