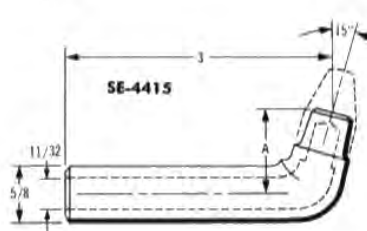
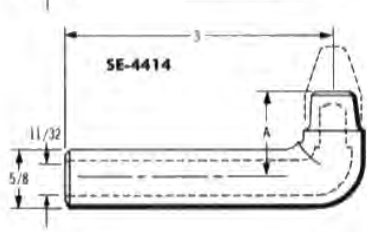
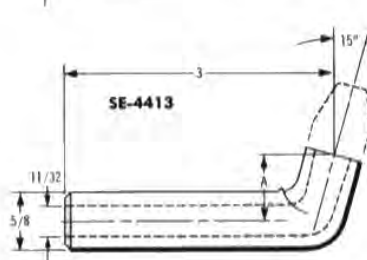
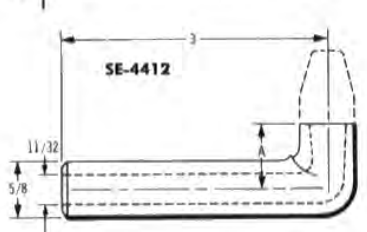
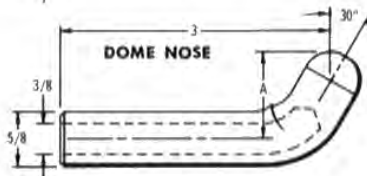
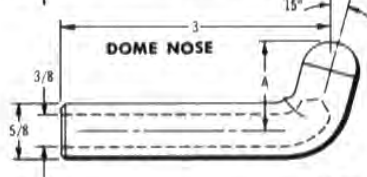
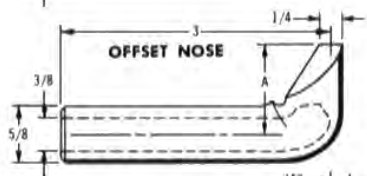
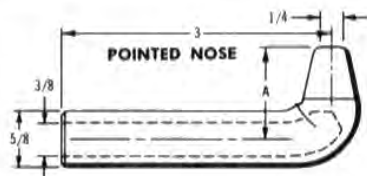
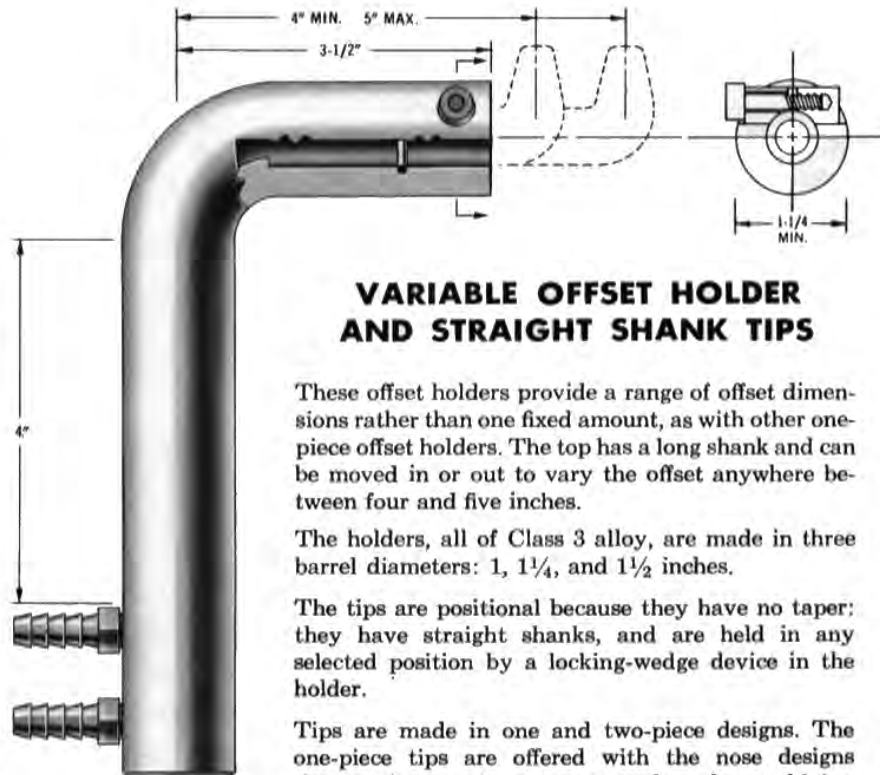


Tuffaloy variable-offset holders



VARIABLE-OFFSET HOLDERS

| Shank Dia. | Description | Item No. |
|------------|-------------|----------|
| 1 | SH-7223 | 345-7223 |
| 1-1/4 | SH-7224 | 345-7224 |
| 1-1/2 | SH-7225 | 345-7225 |



VARIABLE OFFSET HOLDER AND STRAIGHT SHANK TIPS

These offset holders provide a range of offset dimensions rather than one fixed amount, as with other one-piece offset holders. The top has a long shank and can be moved in or out to vary the offset anywhere between four and five inches.

The holders, all of Class 3 alloy, are made in three barrel diameters: 1, 1 1/4, and 1 1/2 inches.

The tips are positional because they have no taper; they have straight shanks, and are held in any selected position by a locking-wedge device in the holder.

Tips are made in one and two-piece designs. The one-piece tips are offered with the nose designs shown. The two-piece tips are made up by combining the shanks shown here with Tuffcap caps (normally used with No. 5 RW size Tuffcap shanks). Either male or female tips can be used, with any nose design offered (on pages 6 & 7). All integral tips and shanks shown here are of Class 2 alloy.

STRAIGHT-SHANK TIPS

| Type of Tip | Nose Length 'A' | Description | Item No. |
|-------------|-----------------|-------------|----------|
| Pointed | 1" | SE-4408-1 | 170-4408 |
| Offset | 1" | SE-4409-1 | 170-4409 |
| 15° Dome | 1" | SE-4410-1 | 170-4410 |
| 30° Dome | 1" | SE-4411-1 | 170-4411 |
| Pointed | 2" | SE-4408-2 | 170-4418 |
| Offset | 2" | SE-4409-2 | 170-4419 |
| 15° Dome | 2" | SE-4410-2 | 170-4420 |
| 30° Dome | 2" | SE-4411-2 | 170-4421 |

STRAIGHT-SHANK TUFFCAP SHANKS

| Tuffcap Cap Type | Nose Length 'A' | Angle | Description | Item No. |
|------------------|-----------------|-------|-------------|----------|
| Male | 3/4" | 90° | SE-4412 | 170-4422 |
| Male | 3/4" | 15° | SE-4413 | 170-4423 |
| Female | 1" | 90° | SE-4414 | 170-4424 |
| Female | 1" | 15° | SE-4415 | 170-4425 |