

Table 5 Dimensions of Long Radius Returns

| Nominal<br>Pipe<br>Size<br>(NPS) | Outside<br>Diameter<br>at Bevel | Center-<br>to-<br>Center,<br>O | Back-<br>to-<br>Face,<br><i>K</i> |
|----------------------------------|---------------------------------|--------------------------------|-----------------------------------|
|                                  |                                 |                                |                                   |
| 3/4 [Note (3)]                   | 26.7                            | 76                             | 51                                |
| 1                                | 33.4                            | 76                             | 56                                |
| 11/4                             | 42.2                            | 95                             | 70                                |
| 11/2                             | 48.3                            | 114                            | 83                                |
| 2                                | 60.3                            | 152                            | 106                               |
| 21/2                             | 73.0                            | 190                            | 132                               |
| 3                                | 88.9                            | 229                            | 159                               |
| 31/2                             | 101.6                           | 267                            | 184                               |
| 4                                | 114.3                           | 305                            | 210                               |
| 5                                | 141.3                           | 381                            | 262                               |
| 6                                | 168.3                           | 457                            | 313                               |
| 8                                | 219.1                           | 610                            | 414                               |
| 10                               | 273.0                           | 762                            | 518                               |
| 12                               | 323.8                           | 914                            | 619                               |
| 14                               | 355.6                           | 1 067                          | 711                               |
| 16                               | 406.4                           | 1 219                          | 813                               |
| 18                               | 457                             | 1 372                          | 914                               |
| 20                               | 508                             | 1 524                          | 1 016                             |
| 22                               | 559                             | 1 676                          | 1 118                             |
| 24                               | 610                             | 1 829                          | 1 219                             |

GENERAL NOTE: All dimensions are in millimeters. NOTES:

- (1) See Table 2 for tolerance for alignment of ends U.
- (2) Dimension A is equal to one-half of dimension O.
- (3) O and K dimensions of 57 mm and 43 mm, respectively, may be furnished for NPS <sup>3</sup>/<sub>4</sub> at the manufacturer's option.

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Contact us:

Litas Lee,

Telephone: 02287802560

Mobile:8615522509091

Fax:02287808131

E-mail:sale01@tianjin-all-best.com

Skype: Litas.Lee

QQ:482171537

Tianjin All Best International Ltd

Sunny Plaza, Huanghe Road, Nankai District, Tianjin, China

Factory: Xiwang New District, Mengcun, Cangzhou, hebei, China

http://www.tianjin-all-best.com/