



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300
SHORT PATTERN
RECTANGULAR PORT

| Class | Max. CWP | Test Pressure | Pattern | Connections | Port | Materials | | Operation |
|-------|----------|--------------------------------------|----------------------|--|-------------|---|------------------------------------|-----------|
| | | | | | | Body & Cover | Plug | |
| 300 | 740 Psi | Shell 1125 Psi Seat 815 Psi | Straightway Short | Welding Ends ASME B 16.25 End to End ASME B 16.10 | Rectangular | Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3 | Cast Iron ASTM A 126 Class B | Manual |
| | | | | | | | Steel | |

| | WRENCH TYPE B K | GEAR TYPE C | GEAR TYPE D |
|-----------|--------------------|----------------|----------------|
| | | | |
| Plug | DN 1" - 6" | DN 1" - 12" | DN 6" - 12" |
| Cast Iron | 5-AS 70544 N | 5-AS 70544 C | 5-AS 70544 D |
| Steel | 5-AS 70547 N | 5-AS 70547 C | 5-AS 70547 D |

| DN | A | B | C | D | E | F | H | I | L | M | N | O | P | S | T | X | |
|--------|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|---|-------|------|-----|
| 1" | 40 | 86 | 123 | 163 | 24 | 30 | 45 | 16 | 97 | 104 | 32 | | | Inside pipe dimension to be specified by purchaser. | *35,4 | *172 | |
| 1 1/4" | 41 | 86 | 123 | 163 | 24 | 30 | 45 | 16 | 97 | 104 | 32 | | | | *44,2 | *200 | |
| 1 1/2" | 44 | 97 | 128 | 167 | 24 | 30 | 45 | 16 | 101 | 104 | 32 | | | | *50,3 | *241 | |
| 2" | 60 | 102 | 148 | 188 | 24 | 30 | 150 | 101 | 137 | 181 | 47 | | | | *62,3 | 267 | |
| 2 1/2" | 70 | 115 | 171 | 224 | 32 | 36 | 150 | 101 | 155 | 181 | 47 | | | | | 75 | 305 |
| 3" | 69 | 119 | 192 | 248 | 42 | 50 | 150 | 101 | 163 | 181 | 47 | | | | | 91 | 330 |
| 4" | 98 | 160 | 211 | 265 | 42 | 50 | 150 | 101 | 181 | 195 | 65 | | | | | 117 | 356 |
| 6" | 136 | 183 | 294 | 352 | 51 | 65 | 200 | 101 | 315 | 268 | 85 | 46 | 438 | | | 172 | 457 |
| 8" | 145 | 247 | | | | | 200 | 101 | 342 | 268 | 85 | 46 | 465 | | | 223 | 521 |
| 10" | 195 | 277 | | | | | 300 | 101 | 416 | 293 | 95 | 70 | 540 | | | 278 | 559 |
| 12" | 193 | 304 | | | | | 300 | 101 | 432 | 293 | 95 | 70 | 556 | | 329 | 635 | |

Note: * Not included in the standards.