



Tapered Shank

## FEATURES

- Weld-in / Socket-weld design
- Solid bar-stock drilled

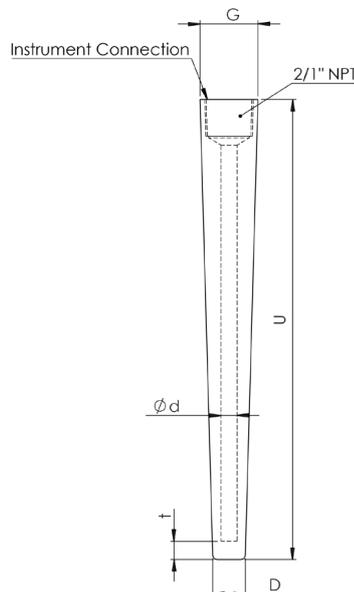
## APPLICATIONS

- Oil & Gas applications
- Corrosive environments
- On-shore/Off-shore application
- Power & Utility

## STANDARD PARAMETERS

|                       |                 |
|-----------------------|-----------------|
| Shank form            | Tapered         |
| Material              | AISI 316 SS     |
| Instrument connection | ½" NPT (F)      |
| Bore diameter         | 7 mm            |
| Lag extension         | 50 mm           |
| Root diameter         | By order        |
| Tip diameter          | By order        |
| Immersion length      | By order        |
| Tip thickness         | 5 mm            |
| Process connection    | Weld connection |

## DIMENSIONAL DRAWING



### ORDERING CODES

| 1. SHANK FORM            |                         | T    |                     | 7. IMMERSION LENGTH ("U") |                            | 100                    |                |    |  |    |  |
|--------------------------|-------------------------|------|---------------------|---------------------------|----------------------------|------------------------|----------------|----|--|----|--|
| T                        | Tapered                 | XXXX | 50 mm up to 1000 mm |                           |                            |                        |                |    |  |    |  |
| 2. MATERIAL              |                         |      |                     | MG                        |                            | 8. TIP THICKNESS ("t") |                | NN |  |    |  |
| MB                       | Carbon Steel / ASTMA105 | MV   | Titanium            | QQ                        | 5mm                        | NN                     | 6.35 mm (1/4") |    |  |    |  |
| MC                       | AISI 304SS              | MY   | Alloy 20            | OO                        | 10mm                       |                        |                |    |  |    |  |
| MF                       | AISI 316 SS             | MI   | AISI 321 SS         |                           |                            |                        |                |    |  |    |  |
| MG                       | AISI 316L SS            |      |                     |                           |                            |                        |                |    |  |    |  |
| MM                       | Monel                   |      |                     |                           |                            |                        |                |    |  |    |  |
| MO                       | Hastelloy C-276         |      |                     |                           |                            |                        |                |    |  |    |  |
| MR                       | Inconel 625             |      |                     |                           |                            |                        |                |    |  |    |  |
| 3. INSTRUMENT CONNECTION |                         |      |                     | 05N                       |                            | 9. OTHER OPTIONS       |                |    |  | TC |  |
| 05N                      | 3/4" NPT (F)            | 04N  | 1/2" NPT (F)        | XI                        | Plug & chain in SS         |                        |                |    |  |    |  |
| 02B                      | 1/4" BSP (F)            | 02N  | 1/4" NPT (F)        | XL                        | Marking by laser           |                        |                |    |  |    |  |
| 05B                      | 3/4" BSP (F)            | 04B  | 1/2" BSP (F)        | TC                        | Material test certificate  |                        |                |    |  |    |  |
| 04M                      | M20 x 1.5 mm (F)        |      |                     |                           | TH                         | Hydro test certificate |                |    |  |    |  |
|                          |                         |      |                     | TN                        | NACE standards             |                        |                |    |  |    |  |
|                          |                         |      |                     | TW                        | WFC as per PTC 19.3TW:2010 |                        |                |    |  |    |  |
|                          |                         |      |                     | TO                        | Use for Oxygen service     |                        |                |    |  |    |  |
| 4. HEAD SIZE             |                         |      |                     | 27                        |                            |                        |                |    |  |    |  |
| XX                       | Mention in 'mm'         |      |                     |                           |                            |                        |                |    |  |    |  |
| 5. TIP DIAMETER ("G")    |                         |      |                     | 210                       |                            |                        |                |    |  |    |  |
| XX.X                     | 35 mm up to 250 mm      |      |                     |                           |                            |                        |                |    |  |    |  |
| 6. BORE DIAMETER ("d")   |                         |      |                     | UU                        |                            |                        |                |    |  |    |  |
| UU                       | 7 mm                    | VV   | 9.0 mm              |                           |                            |                        |                |    |  |    |  |
| WW                       | 9.6 mm                  | NN   | 6.35 mm (1/4")      |                           |                            |                        |                |    |  |    |  |
| OO                       | 10 mm                   |      |                     |                           |                            |                        |                |    |  |    |  |

#### Ordering Example:

**MT-W100SW-T-MG-05N-27-210-UU-100-NN-TC**

#### NOTE

Other connections are available through adaptors.