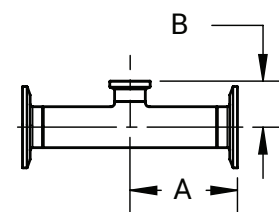


## High Purity BioPharm Line

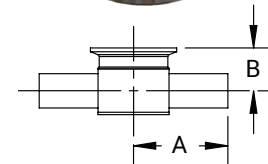
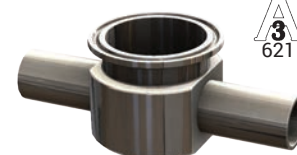
## Clamp x Clamp x Clamp Short Outlet Reducing Tees - T7RMPS

| Tube O.D.       | A (in) | B (in) | PL Finish - SF1 | PM Finish - SF4 |
|-----------------|--------|--------|-----------------|-----------------|
| 3/4" x 1/2"     | 2.50   | 1.00   | T7RMPS-075050PL | T7RMPS-075050PM |
| 1" x 1/2"       | 2.63   | 1.13   | T7RMPS-100050PL | T7RMPS-100050PM |
| 1" x 3/4"       | 2.63   | 1.13   | T7RMPS-100075PL | T7RMPS-100075PM |
| 1-1/2" x 1/2"   | 2.88   | 1.38   | T7RMPS-150050PL | T7RMPS-150050PM |
| 1-1/2" x 3/4"   | 2.88   | 1.38   | T7RMPS-150075PL | T7RMPS-150075PM |
| 1-1/2" x 1"     | 2.88   | 1.38   | T7RMPS-150100PL | T7RMPS-150100PM |
| 2" x 1/2"       | 3.38   | 1.63   | T7RMPS-200050PL | T7RMPS-200050PM |
| 2" x 3/4"       | 3.38   | 1.63   | T7RMPS-200075PL | T7RMPS-200075PM |
| 2" x 1"         | 3.38   | 1.63   | T7RMPS-200100PL | T7RMPS-200100PM |
| 2" x 1-1/2"     | 3.38   | 1.63   | T7RMPS-200150PL | T7RMPS-200150PM |
| 2-1/2" x 1/2"   | 3.63   | 1.88   | T7RMPS-250050PL | T7RMPS-250050PM |
| 2-1/2" x 3/4"   | 3.63   | 1.88   | T7RMPS-250075PL | T7RMPS-250075PM |
| 2-1/2" x 1"     | 3.63   | 1.88   | T7RMPS-250100PL | T7RMPS-250100PM |
| 2-1/2" x 1-1/2" | 3.63   | 1.88   | T7RMPS-250150PL | T7RMPS-250150PM |
| 2-1/2" x 2"     | 3.63   | 1.88   | T7RMPS-250200PL | T7RMPS-250200PM |
| 3" x 1/2"       | 3.88   | 2.13   | T7RMPS-300050PL | T7RMPS-300050PM |
| 3" x 3/4"       | 3.88   | 2.13   | T7RMPS-300075PL | T7RMPS-300075PM |
| 3" x 1"         | 3.88   | 2.13   | T7RMPS-300100PL | T7RMPS-300100PM |
| 3" x 1-1/2"     | 3.88   | 2.13   | T7RMPS-300150PL | T7RMPS-300150PM |
| 3" x 2"         | 3.88   | 2.13   | T7RMPS-300200PL | T7RMPS-300200PM |
| 3" x 2-1/2"     | 3.88   | 2.13   | T7RMPS-300250PL | T7RMPS-300250PM |
| 4" x 1/2"       | 4.75   | 2.63   | T7RMPS-400050PL | T7RMPS-400050PM |
| 4" x 3/4"       | 4.75   | 2.63   | T7RMPS-400075PL | T7RMPS-400075PM |
| 4" x 1"         | 4.75   | 2.63   | T7RMPS-400100PL | T7RMPS-400100PM |
| 4" x 1-1/2"     | 4.75   | 2.63   | T7RMPS-400150PL | T7RMPS-400150PM |
| 4" x 2"         | 4.75   | 2.63   | T7RMPS-400200PL | T7RMPS-400200PM |
| 4" x 2-1/2"     | 4.75   | 2.63   | T7RMPS-400250PL | T7RMPS-400250PM |
| 4" x 3"         | 4.75   | 2.63   | T7RMPS-400300PL | T7RMPS-400300PM |
| 6" x 3"         | 7.13   | 3.63   | T7RMPS-600300PL | T7RMPS-600300PM |
| 6" x 4"         | 7.13   | 3.75   | T7RMPS-600400PL | T7RMPS-600400PM |


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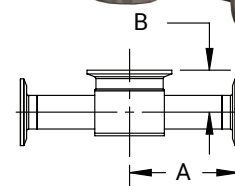
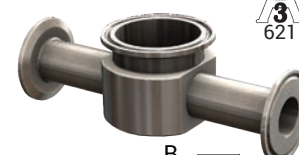
## Weld x Weld x Clamp Instrument Tees - T7IWWMS

| Tube O.D.     | A (in) | B (in) | PL Finish - SF1 | PM Finish - SF4 |
|---------------|--------|--------|-----------------|-----------------|
| 1/2" x 1-1/2" | 2.50   | .88    | T7IWWMS050150PL | T7IWWMS050150PM |
| 3/4" x 1-1/2" | 2.50   | 1.00   | T7IWWMS075150PL | T7IWWMS075150PM |
| 1" x 1-1/2"   | 2.50   | 1.13   | T7IWWMS100150PL | T7IWWMS100150PM |
| 1/2" x 2"     | 2.75   | 1.00   | T7IWWMS050200PL | T7IWWMS050200PM |
| 3/4" x 2"     | 2.75   | 1.13   | T7IWWMS075200PL | T7IWWMS075200PM |
| 1" x 2"       | 2.75   | 1.25   | T7IWWMS100200PL | T7IWWMS100200PM |
| 1-1/2" x 2"   | 2.75   | 1.50   | T7IWWMS150200PL | T7IWWMS150200PM |


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BPE Table DT-4.1.2-10  
ASME BPE 2019

## Clamp x Clamp x Clamp Instrument Tees - T7IMPS

| Tube O.D.     | A (in) | B (in) | PL Finish - SF1 | PM Finish - SF4 |
|---------------|--------|--------|-----------------|-----------------|
| 1/2" x 1-1/2" | 3.00   | .88    | T7IMPS-050150PL | T7IMPS-050150PM |
| 3/4" x 1-1/2" | 3.00   | 1.00   | T7IMPS-075150PL | T7IMPS-075150PM |
| 1" x 1-1/2"   | 3.00   | 1.13   | T7IMPS-100150PL | T7IMPS-100150PM |
| 1/2" x 2"     | 3.25   | 1.00   | T7IMPS-050200PL | T7IMPS-050200PM |
| 3/4" x 2"     | 3.25   | 1.13   | T7IMPS-075200PL | T7IMPS-075200PM |
| 1" x 2"       | 3.25   | 1.25   | T7IMPS-100200PL | T7IMPS-100200PM |
| 1-1/2" x 2"   | 3.25   | 1.50   | T7IMPS150200PL  | T7IMPS150200PM  |


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BPE Table DT-4.1.2-11  
ASME BPE 2019

NOTE: BPE 2019 Specifications

PL Finish – SF1

O.D. = 32Ra Mechanically Polished

I.D. = 20Ra Mechanically Polished

PM Finish – SF4

O.D. = 32Ra Mechanically Polished

I.D. = 15Ra Mechanically Polished and Electropolished