

60° • 55° (Partial Profile)

(D.O.C. shows the value of radial D.O.C.)

| Thread Type | Pitch TPI | Part Number | rε | Total D.O.C. | No. of Passes | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
|--------------------|--------------------|--------------------|--------|--------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | | | | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |
| Unified | Internal Threading | 18 TPI 081R 60007 | 0.0028 | 0.0335 | 17 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | | | |
| | | 16 TPI 081R 60007 | 0.0028 | 0.0378 | 18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | |
| | | 48 TPI 111R A60 | 0.0008 | 0.0126 | 5 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| | | 24 TPI A60 | 0.0008 | 0.0264 | 7 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 20 TPI A60 | 0.0008 | 0.0315 | 8 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | |
| | | 18 TPI A60 | 0.0008 | 0.0354 | 9 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | |
| | | 16 TPI A60 | 0.0008 | 0.0398 | 10 | 0.006 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | |
| | | 48 TPI 161R A60 | 0.0008 | 0.0126 | 5 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| | | 48 TPI AG60 | 0.0008 | 0.0126 | 5 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| | | 24 TPI 161R A60 | 0.0008 | 0.0264 | 7 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 24 TPI AG60 | 0.0008 | 0.0264 | 7 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 20 TPI 161R A60 | 0.0008 | 0.0315 | 8 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | |
| | | 20 TPI AG60 | 0.0008 | 0.0315 | 8 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | |
| | | 18 TPI 161R A60 | 0.0008 | 0.0354 | 9 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | |
| | | 18 TPI AG60 | 0.0008 | 0.0354 | 9 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | |
| | | 16 TPI 161R A60 | 0.0008 | 0.0398 | 10 | 0.006 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | |
| | | 16 TPI AG60 | 0.0008 | 0.0398 | 10 | 0.006 | 0.006 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | |
| | | 14 TPI 161R G60 | 0.0043 | 0.0421 | 9 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | |
| | | 14 TPI AG60 | 0.0008 | 0.0457 | 11 | 0.006 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | |
| | | 13 TPI 161R G60 | 0.0043 | 0.0457 | 10 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | | | | | | | | | | |
| | | 13 TPI AG60 | 0.0008 | 0.0492 | 12 | 0.007 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | |
| | | 12 TPI 161R G60 | 0.0043 | 0.0496 | 11 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | |
| | | 12 TPI AG60 | 0.0008 | 0.0531 | 13 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | |
| | | 10 TPI 161R G60 | 0.0043 | 0.0606 | 14 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | 0.001 | | | | | | | | |
| | | 10 TPI AG60 | 0.0008 | 0.0642 | 16 | 0.008 | 0.007 | 0.006 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | 0.001 | | | | | | | |
| | | 9 TPI 161R G60 | 0.0043 | 0.0677 | 16 | 0.008 | 0.007 | 0.006 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | 0.001 | | | | | | | |
| | | 9 TPI AG60 | 0.0008 | 0.0713 | 17 | 0.008 | 0.007 | 0.006 | 0.006 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | 0.001 | | | | | | | |
| | | 8 TPI 161R G60 | 0.0043 | 0.0768 | 17 | 0.009 | 0.008 | 0.007 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.001 | 0.001 | | | | | | | |
| | | 8 TPI AG60 | 0.0008 | 0.0803 | 19 | 0.008 | 0.008 | 0.007 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.001 | 0.001 | | | | | | | |
| | | 28 TPI 16ER A55-TF | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 28 TPI AG55-TF | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 19 TPI 16ER A55-TF | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | |
| | | 19 TPI AG55-TF | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | |
| | | 14 TPI 16ER G55-TF | 0.0087 | 0.0472 | 9 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | |
| | | 14 TPI AG55-TF | 0.0024 | 0.0551 | 11 | 0.009 | 0.009 | 0.008 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | |
| | | 11 TPI 16ER G55-TF | 0.0087 | 0.0630 | 12 | 0.009 | 0.009 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | |
| | | 11 TPI AG55-TF | 0.0024 | 0.0705 | 13 | 0.010 | 0.009 | 0.008 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.001 | | | | | | | |
| | | 28 TPI 16ER A55 | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 28 TPI AG55 | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | |
| | | 19 TPI 16ER A55 | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | |
| 19 TPI AG55 | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | | |
| 14 TPI 16ER G55 | 0.0087 | 0.0472 | 9 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | |
| 14 TPI AG55 | 0.0024 | 0.0551 | 11 | 0.009 | 0.009 | 0.008 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | | | |
| 11 TPI 16ER G55 | 0.0087 | 0.0630 | 12 | 0.009 | 0.009 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | | |
| 11 TPI AG55 | 0.0024 | 0.0705 | 13 | 0.010 | 0.009 | 0.008 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.001 | | | | | | | | | |
| 28 TPI 061R 5501 | 0.0039 | 0.0240 | 12 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | | | | | | | | | |
| 28 TPI 081R 5501 | 0.0039 | 0.0240 | 12 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | | | | | | | | | |
| 19 TPI 081R 5501 | 0.0039 | 0.0374 | 18 | 0.003 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | | | |
| 28 TPI 111R A55 | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| 19 TPI 111R A55 | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | | |
| 28 TPI 161R A55 | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| 28 TPI AG55 | 0.0024 | 0.0264 | 7 | 0.006 | 0.006 | 0.004 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | |
| 19 TPI 161R A55 | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | | |
| 19 TPI AG55 | 0.0024 | 0.0402 | 8 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | | |
| 14 TPI 161R G55 | 0.0087 | 0.0472 | 9 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | |
| 14 TPI AG55 | 0.0024 | 0.0551 | 11 | 0.009 | 0.009 | 0.008 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | | | |
| 11 TPI 161R G55 | 0.0087 | 0.0630 | 12 | 0.009 | 0.009 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.002 | | | | | | | | | | |
| 11 TPI AG55 | 0.0024 | 0.0705 | 13 | 0.010 | 0.009 | 0.008 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | 0.001 | | | | | | | | | |
| 48 TPI 16ER A55-TF | 0.0024 | 0.0146 | 5 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | | | |
| 48 TPI AG55-TF | 0.0024 | 0.0146 | 5 | 0.005 | 0.004 | 0.003 | 0.002 | 0.002 | | | | | | | | | | | | | | | | | |
| 24 TPI 16ER A55-TF | 0.0024 | 0.0311 | 7 | 0.007 | 0.006 | 0.006 | 0.004 | 0.003 | 0.003 | 0.002 | | | | | | | | | | | | | | | |
| 24 TPI AG55-TF | 0.0024 | 0.0311 | 7 | 0.007 | 0.006 | 0.006 | 0.004 | 0.003 | 0.003 | 0.002 | | | | | | | | | | | | | | | |