

WIDIA GTD[®] 🔅 CLE-LINE. 🍫

Three-Piece Tap Kits

| | -Piece | ind h | 1113 | | | | Tap Thread Size | | Thread Length | Overall Length | Pitch Diameter Limit | Brand | lter No |
|------------------------------------|-------------|--|--|-------------------|-----------------------------------|------------------|--|---------------------|--|--|----------------------------|--|--------------|
| Тар | Тар | Thread | Overall | Pitch Diameter | | Item | 1⁄2"-20 1⁄2"-20 | 27 27 | 1 ²¹ / ₃₂ in 1 ²¹ / ₃₂ in | 3 % in 3 % in | — H3 | Widia GTD Greenfield Threading | 4GR 15J7 |
| ead Size | Thread Size | Length | Length | Limit | Brand | No. | 1⁄2"-20 | 27 | 1 ²¹ / ₃₂ in | 3 3/8 in | H3 | Westward | 5PX |
| ¾ "-16 | 22 | 1 1/4 in | 2 15/16 in | | Westward | 5PXK7 | 1⁄2"-20 | 27 | 1 ²¹ / ₃₂ in | 3 3/8 in | H3 | Widia GTD | 4AH |
| 3⁄8"-16 | 22 | 1 1/4 in | 2 15/16 in | | Widia GTD | 4AHT7 | <u>9/16"-18</u> | 29 | 1 ²¹ / ₃₂ in | 3 19/32 in | | Widia GTD | 4GR |
| /16 "-14 /16 "-14 | 24 | 7% in 1 ⅔16 in | 3 5/32 in 3 5/32 in | H3 | Cleveland Widia GTD | 435N44 4GR35 | 9/16" -18 9/16" -18 | 29 | 1 1 ²¹ /32 in | 3 ¹⁹ / ₃₂ in 3 ¹⁹ / ₃₂ in | H3 H3 | Cleveland Greenfield Threading | 435N 15J7 |
| /16"-14 /16"-14 | 24 | 1 7/16 in | 3 5/32 in | H3 | Greenfield Threading | 15J777 | 9/16"-18 | 29 | 1 ²¹ / ₃₂ in | 3 19/32 in | H3 | Widia GTD | 4AK |
| /16"-14 | 24 | 1 7/16 in | 3 5/32 in | H3 | Westward | 5PXK9 | ¹¹ /16"-16 | 30.8 | 1 ¹³ / ₁₆ in | 4 1/32 in | H3 | Greenfield Threading | 15J7 |
| /16 "-1 4 | 24 | 1 7⁄16 in | 3 5∕32 in | H3 | Widia GTD | 4AHW5 | 5⁄8"-18 | 31 | 1 ¹³ /16 in | 3 ¹³ /16 in | — | Widia GTD | 4GR |
| 1⁄2"-13 | 26 | ¹⁵ /16 in | 3 ¾ in | H3 | Cleveland | 435N66 | 5⁄8"-18 | 31 | 1 5⁄64 in | 3 13/16 in | H3 | Cleveland | 435N |
| 1/2"-13 | 26 | 1 ²¹ / ₃₂ in | 3 % in | | Widia GTD | 4GR43 | 5⁄8"-18 | 31 | 1 ¹³ /16 in | 3 13/16 in | H3 | Greenfield Threading | 15J7 |
| 1⁄2"-13 1⁄2"-13 | 26 26 | 1 21/32 in 1 21/32 in | 3 % in 3 % in | H3 H3 | Cle-Line Greenfield Threading | 50AN83 15J779 | 5⁄8"-18 3⁄4"-16 | 31 33 | 1 ¹³ /16 in 1 ⁷ /32 in | 3 ¹³ / ₁₆ in 4 ¹ / ₄ in | H3 H3 | Widia GTD Cleveland | 4AK 435P |
| 1/2"-13 | 26 | 1 21/32 in | 3 % in | H3 | Westward | 5PXL1 | 3/4"-16 | 33 | 2 in | 4 1/4 in | | Widia GTD | 4001 4GR |
| 1/2"-13 | 26 | 1 ² 1/32 in | 3 % in | H3 | Widia GTD | 44HX3 | 3/4"-16 | 33 | 2 in | 4 1/4 in | H3 | Greenfield Threading | 15J7 |
| /16"-12 | 28 | 1 ²¹ / ₃₂ in | 3 19/32 in | | Widia GTD | 4GR51 | 3⁄4"-16 | 33 | 2 in | 4 ¼ in | H3 | Westward | 5TV |
| /16 "-12 | 28 | 1 | 3 19/32 in | H3 | Cleveland | 435N85 | 3/4"-16 | 33 | 2 in | 4 ¼ in | H3 | Widia GTD | 4AK |
| ′16 "-12 | 28 | 1 ²¹ / ₃₂ in | 3 19/32 in | | Greenfield Threading | 15J781 | 7⁄8"-14 | 35 | 2 7/32 in | 4 ¹¹ / ₁₆ in | 2B | Widia GTD | 53MN |
| 16"-12 | 28 | 1 21/32 in | 3 19/32 in | | Westward | 5PXL3 | 7⁄8"-14 | 35 | 2 7/32 in | 4 11/16 in | H4 | Cleveland | 435P |
| 16"-12 | 28 | 1 21/32 in | 3 19/32 in | | Widia GTD | 4AKC1 | 7/8"-14 | 35 | 2 7/32 in | 4 11/16 in | H4 | Greenfield Threading | 15J7 |
| /8"-11 /8" 11 | 30 | 1 ¹³ / ₁₆ in 1 ¹³ / ₁₆ in | 3 ¹³ /16 in 3 ¹³ /16 in | | Widia GTD Cle-Line | 4GR59 50AP01 | 7⁄8"-14 | 35 35 | 2 7/32 in | 4 11/16 in | H4 H4 | Westward Widia CTD | 5TV |
| ⁄s"-11 ⁄s"-11 | 30 30 | 1 5/64 in | 3 13/16 in | | Cleveland | 435N93 | 1"-12 | 35 | 2 7/32 in 2 1/2 in | 4 ¹¹ / ₁₆ in 5 ½ in | 2B | Widia GTD Widia GTD | 1C9 53MI |
| %"-11 | 30 | 1 ¹³ / ₁₆ in | 3 ¹³ /16 in | | Greenfield Threading | 15J783 | 1"-12 | 37 | 2 1/2 in | 5 1/8 in | H4 | Cle-Line | 50AN |
| %"-11 | 30 | 1 ¹³ / ₁₆ in | 3 13/16 in | | Westward | 5PXL5 | 1"-12 | 37 | 2 1/2 in | 5 1/8 in | H4 | Widia GTD | 4GZ |
| /8"-11 | 30 | 1 ¹³ /16 in | 3 13/16 in | | Widia GTD | 4AKC9 | 1 1/8"-12 | 41 | 2 %16 in | 5 1/16 in | H4 | Widia GTD | 4GZ |
| /16" -11 | 30.4 | 1 ¹³ ⁄16 in | 4 1/32 in | H3 | Greenfield Threading | 15J785 | 4 Flute, UNS | | | | | | |
| 4"-10 | 32 | 1 7/32 in | 4 1/4 in | H3 | Cleveland | 435P24 | 3/16"-24 | 17.5 | 7/8 in | 2 3/8 in | 2B | Widia GTD | 53MI |
| 4"-10 | 32 | 2 in | 4 1/4 in | | Widia GTD | 4GR67 | ¹¹ /16"- 11 | 30.4 | 1 ¹³ / ₁₆ in | 4 1/32 in | H3 | Cle-Line | 4070 |
| 4"-10 4"-10 | 32 | 2 in 2 in | 4 ¼ in 4 ¼ in | H3 H3 | Cle-Line Greenfield Threading | 50AN93 | ¹¹ /16"- 11 | 30.4 30.8 | 1 5/64 in 1 ¹³ /16 in | 4 1/32 in | H3 | Cleveland | 435 |
| 4"-10 4"-10 | 32 32 | 2 in 2 in | 4 1/4 in 4 1/4 in | H3 H3 | Westward | 15J787 5TVY7 | ¹¹ /16"-16 ¹¹ /16"-16 | 30.8 | 1 ¹ %16 IN 1 5/64 in | 4 1/32 in 4 1/32 in | H3 H3 | Cle-Line Cleveland | 4071 |
| 4"-10 4"-10 | 32 | 2 in | 4 1/4 in | H3 | Widia GTD | 4AKF7 | 1"-14 | 38 | 2 1/2 in | 5 1/8 in | H4 | Cleveland | 435 |
| /8"-9 | 34 | 2 7/32 in | 4 11/16 in | | Widia GTD | 4GR75 | 1"-14 | 38 | 2 1/2 in | 5 1/8 in | H4 | Greenfield Threading | 15J |
| /8"-9 | 34 | 2 7/32 in | 4 11/16 in | | Cle-Line | 50AP08 | 1"-14 | 38 | 2 1/2 in | 5 1/8 in | H4 | Widia GTD | 53M |
| /8"-9 | 34 | 2 7/32 in | 4 ¹¹ /16 in | H4 | Cleveland | 435P38 | 6 Flute, UNF | | | | | | |
| /8"-9 | 34 | 2 7/32 in | 4 11/16 in | | Greenfield Threading | 15J789 | 1 1/2"-12 | 1 1/56 | 3 in | 6 3/8 in | H4 | Widia GTD | 4HF |
| ^{8"-9} | 34 | 2 7/32 in | 4 11/16 in | | Westward | 5TVY9 | 1 1/4"-12 | 44 | 2 %16 in | 5 3/4 in | H4 | Widia GTD | 4GZ |
| ⁄s"-9 1"-8 | 34 36 | 2 1/32 in 2 1/2 in | 4 11/16 in 5 1/8 in | H4 | Widia GTD Widia GTD | 1C917 4GR83 | 1 3/8"-12 Bight Hond | 47 TiN-Coated, H | 3 in Jiah Speed St | 6 1/16 in | H4 | Widia GTD | 53M |
| 1°-8 | 36 | 2 1/2 in | 5 1/8 in | H4 | Cle-Line | 50AN92 | 3 Flute, Met | | nigii-speeu s | 1661 | | | |
| 1"-8 | 36 | 2 1/2 in | 5 1/8 in | H4 | Cleveland | 435P49 | M2-0.40 | 198 | 11.11 mm | 44.45 mm | D3 | Greenfield Threading | 434 |
| 1"-8 | 36 | 2 1/2 in | 5 1/8 in | H4 | Greenfield Threading | 15J791 | M2.5-0.45 | 198.2 | 12.70 mm | 46.04 mm | | Greenfield Threading | 434) |
| 1"-8 | 36 | 2 1/2 in | 5 1/8 in | H4 | Westward | 5TVZ1 | M3-0.50 | 199 | 7.87 mm | 49.28 mm | | Greenfield Threading | 434 |
| 1"-8 | 36 | 2 1/2 in | 5 1⁄8 in | H4 | Widia GTD | 1C929 | 3 Flute, UNC | | | | | , i i i i i i i i i i i i i i i i i i i | |
| 1⁄8"-7 | 39 | 2 %16 in | 5 7/16 in | 2B | Widia GTD | 53MN55 | #2-56 | #1 | 7⁄16 in | 1 ³ ⁄ ₄ in | H2 | Greenfield Threading | 53PV |
| 1/8"-7 | 39 | 2 %16 in | 5 7/16 in | H4 | Westward | 5TVZ3 | #3-48 | #3 | 1/2 in | 1 13/16 in | H2 | Greenfield Threading | 434 |
| 1⁄8"-7 1⁄4"-7 | 39 42 | 2 %16 in | 5 1/16 in | H4 | Widia GTD Widia GTD | 4GZ87 | #4-40 #5-40 | #6.5 | 5/16 in | 1 % in | H2 H2 | Greenfield Threading | 53PV |
| 1/4"-7 | 42 | 2 %16 in 2 %16 in | 5 ¾ in 5 ¾ in | H4 | Westward | 4GT08 5TVZ5 | #5-40 #6-32 | #7 #9 | 5/16 in 3/8 in | 1 ¹⁵ / ₁₆ in 2 in | H3 | Greenfield Threading Greenfield Threading | 53P\ 53P\ |
| 1/4"-7 | 42 | 2 %16 in | 5 ³ / ₄ in | H4 | Widia GTD | 4GZ95 | 3 Flute, UNF | <i>"</i> 3 | 70 111 | 2 111 | 110 | diccinicia micaaling | 0011 |
| 3⁄8"-6 | 45 | 3 in | 6 1/16 in | H4 | Widia GTD | 53ML55 | #3-56 | .04 | 1⁄2 in | 1 ¹³ /16 in | H2 | Greenfield Threading | 434 |
| 1⁄2"-6 | 48 | 3 in | 6 ¾ in | 2B | Widia GTD | 53MN36 | #4-48 | .06 | 5⁄16 in | 1 1 1 in | H2 | Greenfield Threading | 53P\ |
| 1⁄2"-6 | 48 | 3 in | 6 ¾ in | H4 | Widia GTD | 4HF12 | #5-44 | .08 | 5⁄16 in | 1 ¹⁵ ⁄16 in | H2 | Greenfield Threading | 53P\ |
| ute, UNF | | | | | | | #6-40 | .10 | 3⁄8 in | 2 in | H2 | Greenfield Threading | 53P\ |
| 8-36 | #12 | 3% in | 2 1/8 in | H2 | Cleveland | 435M07 | 4 Flute, Met | | | | | | |
| 8-36 | #12 #12 | 3/4 in | 2 1/8 in 2 1/8 in | H2 H2 | Cle-Line | 407D50 15J762 | M4-0.70 | 200 201 | 9.65 mm | 54.10 mm | D4 | Greenfield Threading | 434 |
| 8-36 8-36 | #12 | 3/4 in 3/4 in | 2 1/8 in | H2 | Greenfield Threading Widia GTD | 53MK83 | M5-0.80 M6-1.00 | 201 | 12.70 mm | 60.45 mm 63.50 mm | | Greenfield Threading Greenfield Threading | 434 |
| 0-32 | #12 | 1/2 in | 2 % in | H2 | Cleveland | 435M30 | M8-1.25 | 202.1 | | 69.09 mm | | Greenfield Threading | 434 |
| 10-32 | #14 | 1/2 in | 2 % in | H3 | Cleveland | 435M38 | M10-1.20 | 204.1 | 19.05 mm | 74.68 mm | | Greenfield Threading | 434 |
| 0-32 | #14 | 7/8 in | 2 % in | _ | Widia GTD | 4GP97 | M12-1.75 | 210 | 23.88 mm | 85.85 mm | D6 | Greenfield Threading | 434 |
| 10-32 | #14 | 7∕≋ in | 2 ¾ in | H2 | Cle-Line | 407D52 | M14-2.00 | 212 | 25.40 mm | 91.19 mm | D7 | Greenfield Threading | 434 |
| 0-32 | #14 | 7∕8 in | 2 3/8 in | H2 | Greenfield Threading | 15J765 | M16-2.00 | 214 | 25.40 mm | 96.77 mm | D7 | Greenfield Threading | 434 |
| 0-32 | #14 | 7/8 in | 2 3/8 in | H2 | Widia GTD | 53MK66 | 4 Flute, UNC | | 97.1 | 0.17 | 1/2 | 0 (117) | |
| 0-32 | #14 | 7/8 in | 2 % in | H3 | Greenfield Threading | 15J766 | #8-32 | #11 | 3% in | 2 1/8 in | H3 | Greenfield Threading | 53P\ |
| 0-32 | #14 #14 | 7/8 in 7/8 in | 2 ¾ in 2 ¾ in | H3 H3 | Westward Widia GTD | 5PXK2 4AHN7 | #10-24 #12-24 | #13 #15 | 1/2 in 1/2 in | 2 % in 2 % in | H3 H3 | Greenfield Threading Greenfield Threading | 53P\ 53P\ |
| 2-28 | #14 | 1/2 in | 2 % in | H3 | Cleveland | 435M50 | 1/4"-20 | 18 | 5% in | 2 1/2 in | H3 | Greenfield Threading | 53P\ |
| 2-20 | #16 | 15/16 in | 2 % in | H3 | Cle-Line | 407D53 | 5/16" -18 | 20 | 11/16 in | 2 23/32 in | H3 | Greenfield Threading | 53P\ |
| 2-28 | #16 | ¹⁵ /16 in | 2 % in | H3 | Greenfield Threading | 15J768 | 3⁄8"-16 | 22 | 3/4 in | 2 15/16 in | H3 | Greenfield Threading | 53P\ |
| 4"-28 | 19 | 5⁄8 in | 2 ½ in | H3 | Cleveland | 435M85 | 7∕16" -14 | 24 | 7∕8 in | 3 5⁄32 in | H3 | Greenfield Threading | 53P\ |
| 4"-28 | 19 | 1 | 2 ½ in | _ | Widia GTD | 4GR15 | 1⁄2"-13 | 26 | ¹⁵ ⁄16 in | 3 ¾ in | H3 | Greenfield Threading | 53P\ |
| 4"-28 | 19 | 1 | 2 1/2 in | H3 | Greenfield Threading | 15J772 | 9⁄16" -12 | 28 | 1 | 3 19/32 in | H3 | Greenfield Threading | 53P\ |
| -28 | 19 | 1 | 2 1/2 in | H3 | Widia GTD | 4AHP5 | 5/8"-11 | 30 | 1 5/64 in | 3 13/16 in | H3 | Greenfield Threading | 53P\ |
| 6 [*] -24 | 21 | ¹¹ /16 in | 2 23/32 in | | Cleveland Widia GTD | 435N08 | 3/4"-10 | 32 | 1 ⁷ / ₃₂ in | 4 1/4 in | H3 | Greenfield Threading Greenfield Threading | 53P\ |
| 6"-24 6"-24 | 21 21 | <u>1 1/8 in</u> 1 1/8 in | 2 ²³ / ₃₂ in 2 ²³ / ₃₂ in | | Greenfield Threading | 4GR23 15J774 | <u>7%</u> "-9 1"-8 | 34 36 | 2 ⁷ / ₃₂ in 2 ¹ / ₂ in | 4 ¹¹ / ₁₆ in 5 ½ in | H4 H4 | Greenfield Threading | 53P\ 53P\ |
| 6 -24 6"-24 | 21 | 1 1/8 in | 2 23/32 III 2 23/32 in | | Widia GTD | 4AHT3 | 4 Flute, UNF | 50 | ∠ /2 111 | J 78 III | 114 | Greennein Threaning | 5371 |
| 6-24 5-24 | 23 | 3/4 in | 2 15/16 in | H3 | Cleveland | 435N33 | #8-36 | #12 | 3⁄8 in | 2 1/8 in | H2 | Greenfield Threading | 53P\ |
| 8"-24 | 23 | 1 1/4 in | 2 15/16 in | - | Widia GTD | 4GR31 | #10-32 | #14 | 1/2 in | 2 % in | H3 | Greenfield Threading | 53P\ |
| ś"-24 | 23 | 1 1/4 in | 2 15/16 in | H3 | Greenfield Threading | 15J776 | 1/4"-28 | 19 | 5% in | 2 1/2 in | H3 | Greenfield Threading | 53P\ |
| ś"-24 | 23 | 1 ¼ in | 2 ¹⁵ /16 in | H3 | Widia GTD | 4AHW1 | ⁵ /16"-24 | 21 | ¹¹ ⁄16 in | 2 ²³ /32 in | H3 | Greenfield Threading | 53P\ |
| | 25 | 7∕≋ in | 3 5/32 in | H3 | Cleveland | 435N50 | 3⁄8"-24 | 23 | 3⁄4 in | 2 15/16 in | H3 | Greenfield Threading | 53PV |
| | 25 | 1 7/16 in | 3 5/32 in | | Widia GTD | 4GR39 | 7/16"-20 | 25 | 7/8 in | 3 5/32 in | H3 | Greenfield Threading | 53P\ |
| 16"-20 16"-20 | | | | | Greenfield Threading | 15J778 | | 27 | 154c in | 3 ¾ in | H3 | | 53PV |
| i6"-20 i6"-20 | 25 | 1 7/16 in | 3 5/32 in | H3 | | | 1/2"-20 | | ¹⁵ /16 in | | | Greenfield Threading | |
| 6"-20 | | 1 1/16 in 1 1/16 in 1 1/16 in | 3 5/32 in 3 5/32 in 3 5/32 in | H3 | Westward Widia GTD | 5PXL0 4AHW9 | 5%"-18 3/4"-16 | 31 33 | 1 5/64 in 1 7/32 in | 3 ¹³ / ₁₆ in 4 ¹ / ₄ in | H3 H3 | Greenfield Threading Greenfield Threading | 53PV 53PV |

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