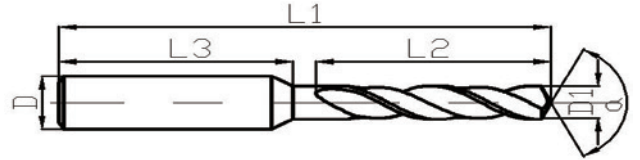


DIN STANDARD 6537K 300 3XD SERIES STEP 0.1MM

●P1 –Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.



Order NO.	Diameter	Channel length	Full length	Shank diameter
300-300	3.00	20.0	62	4
300-310	3.10	20.0	62	4
300-320	3.20	20.0	62	4
300-330	3.30	20.0	62	4
300-340	3.40	20.0	62	4
300-350	3.5	20	62	4
300-360	3.6	20	62	4
300-370	3.7	20	62	4
300-380	3.8	24	66	4
300-390	3.9	24	66	4
300-400	4	24	66	4
300-410	4.1	24	66	6
300-420	4.2	24	66	6
300-430	4.3	24	66	6
300-440	4.4	24	66	6
300-450	4.5	24	66	6
300-460	4.6	24	66	6
300-470	4.7	28	66	6
300-480	4.8	28	66	6
300-490	4.9	28	66	6
300-500	5	28	66	6
300-510	5.1	28	66	6
300-520	5.2	28	66	6
300-530	5.3	28	66	6
300-540	5.4	28	66	6
300-550	5.5	28	66	6
300-560	5.6	28	66	6
300-570	5.7	28	66	6
300-580	5.8	28	66	6
300-590	5.9	28	66	6
300-600	6	28	66	6
300-610	6.1	34	79	8
300-620	6.2	34	79	8
300-630	6.3	34	79	8
300-640	6.4	34	79	8
300-650	6.5	34	79	8
300-660	6.6	34	79	8
300-670	6.7	34	79	8
300-680	6.8	34	79	8
300-690	6.9	34	79	8
300-700	7	34	79	8
300-710	7.1	41	79	8
300-720	7.2	41	79	8
300-730	7.3	41	79	8
300-740	7.4	41	79	8
300-750	7.5	41	79	8
300-760	7.6	41	79	8
300-770	7.7	41	79	8
300-780	7.8	41	79	8
300-790	7.9	41	79	8
300-800	8	41	79	8
300-810	8.1	47	89	10
300-820	8.2	47	89	10
300-830	8.3	47	89	10
300-840	8.4	47	89	10
300-850	8.5	47	89	10
300-860	8.6	47	89	10
300-870	8.7	47	89	10
300-880	8.8	47	89	10
300-890	8.9	47	89	10
300-900	9	47	89	10
300-910	9.1	47	89	10
300-920	9.2	47	89	10
300-930	9.3	47	89	10
300-940	9.4	47	89	10
300-950	9.5	47	89	10

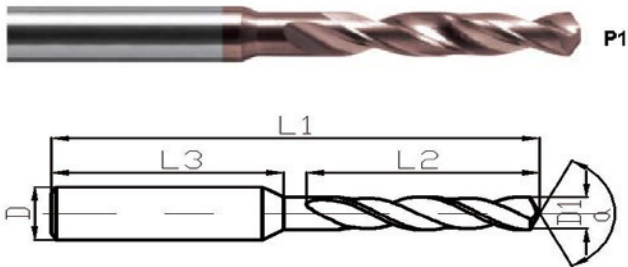
Order NO.	Diameter	Channel length	Full length	Shank diameter
300-960	9.60	47.0	89	10
300-970	9.70	47.0	89	10
300-980	9.80	47.0	89	10
300-990	9.90	47.0	89	10
300-1000	10.00	47.0	89	10
300-1010	10.1	55	102	12
300-1020	10.2	55	102	12
300-1030	10.3	55	102	12
300-1040	10.4	55	102	12
300-1050	10.5	55	102	12
300-1060	10.6	55	102	12
300-1070	10.7	55	102	12
300-1080	10.8	55	102	12
300-1090	10.9	55	102	12
300-1100	11	55	102	12
300-1110	11.1	55	102	12
300-1120	11.2	55	102	12
300-1130	11.3	55	102	12
300-1140	11.4	55	102	12
300-1150	11.5	55	102	12
300-1160	11.6	55	102	12
300-1170	11.7	55	102	12
300-1180	11.8	55	102	12
300-1190	11.9	55	102	12
300-1200	12	55	102	12
300-1210	12.1	60	107	14
300-1220	12.2	60	107	14
300-1230	12.3	60	107	14
300-1240	12.4	60	107	14
300-1250	12.5	60	107	14
300-1260	12.6	60	107	14
300-1270	12.7	60	107	14
300-1280	12.8	60	107	14
300-1290	12.9	60	107	14
300-1300	13	60	107	14
300-1310	13.1	60	107	14
300-1320	13.2	60	107	14
300-1330	13.3	60	107	14
300-1340	13.4	60	107	14
300-1350	13.5	60	107	14
300-1360	13.6	60	107	14
300-1370	13.7	60	107	14
300-1380	13.8	60	107	14
300-1390	13.9	60	107	14
300-1400	14	60	107	14
300-1410	14.1	65	115	16
300-1420	14.2	65	115	16
300-1430	14.3	65	115	16
300-1440	14.4	65	115	16
300-1450	14.5	65	115	16
300-1460	14.6	65	115	16
300-1470	14.7	65	115	16
300-1480	14.8	65	115	16
300-1490	14.9	65	115	16
300-1500	15	65	115	16
300-1510	15.1	65	115	16
300-1520	15.2	65	115	16
300-1530	15.3	65	115	16
300-1540	15.4	65	115	16
300-1550	15.5	65	115	16
300-1560	15.6	65	115	16
300-1570	15.7	65	115	16
300-1580	15.8	65	115	16
300-1590	15.9	65	115	16
300-1600	16	65	115	16
300-1650	16.5	73	123	18

Order NO.	Diameter	Channel length	Full length	Shank diameter
300-1680	16.80	73.0	123	18
300-1700	17.00	73.0	123	18
300-1750	17.50	73.0	123	18
300-1780	17.80	73.0	123	18
300-1800	18.00	73.0	123	18
300-1900	19	79	131	20
300-1950	19.5	79	131	20
300-1980	19.8	79	131	20
300-2000	20	79	131	20
300-2050	20.5	79	131	22

Order NO.	Diameter	Channel length	Full length	Shank diameter
300-2100	21	79	131	22
300-2150	21.5	79	131	22
300-2200	22	79	131	22
300-2250	22.5	96	153	24
300-2300	23	96	153	24
300-2350	23.5	96	153	24
300-2400	24	96	153	24
300-2450	24.5	96	153	25
300-2500	25	96	153	25

DIN STANDARD 6537K INNER-COOLANT 300C 3XD SERIES STEP 0.1MM

•P1 –Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.



Order NO.	Diameter	Channel length	Full length	Shank diameter
300C-300	3.00	20.0	62	4
300C-310	3.10	20.0	62	4
300C-320	3.20	20.0	62	4
300C-330	3.30	20.0	62	4
300C-340	3.40	20.0	62	4
300C-350	3.5	20	62	4
300C-360	3.6	20	62	4
300C-370	3.7	20	62	4
300C-380	3.8	24	66	4
300C-390	3.9	24	66	4
300C-400	4	24	66	4
300C-410	4.1	24	66	6
300C-420	4.2	24	66	6
300C-430	4.3	24	66	6
300C-440	4.4	24	66	6
300C-450	4.5	24	66	6
300C-460	4.6	24	66	6
300C-470	4.7	28	66	6
300C-480	4.8	28	66	6
300C-490	4.9	28	66	6
300C-500	5	28	66	6
300C-510	5.1	28	66	6
300C-520	5.2	28	66	6
300C-530	5.3	28	66	6
300C-540	5.4	28	66	6
300C-550	5.5	28	66	6
300C-560	5.6	28	66	6
300C-570	5.7	28	66	6
300C-580	5.8	28	66	6
300C-590	5.9	28	66	6
300C-600	6	28	66	6
300C-610	6.1	34	79	8
300C-620	6.2	34	79	8
300C-630	6.3	34	79	8
300C-640	6.4	34	79	8
300C-650	6.5	34	79	8
300C-660	6.6	34	79	8
300C-670	6.7	34	79	8
300C-680	6.8	34	79	8
300C-690	6.9	34	79	8
300C-700	7	34	79	8
300C-710	7.1	41	79	8

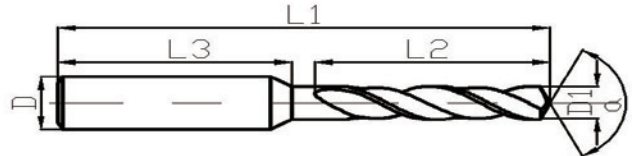
Order NO.	Diameter	Channel length	Full length	Shank diameter
300C-720	7.2	41	79	8
300C-730	7.3	41	79	8
300C-740	7.4	41	79	8
300C-750	7.5	41	79	8
300C-760	7.6	41	79	8
300C-770	7.7	41	79	8
300C-780	7.8	41	79	8
300C-790	7.9	41	79	8
300C-800	8	41	79	8
300C-810	8.1	47	89	10
300C-820	8.2	47	89	10
300C-830	8.3	47	89	10
300C-840	8.4	47	89	10
300C-850	8.5	47	89	10
300C-860	8.6	47	89	10
300C-870	8.7	47	89	10
300C-880	8.8	47	89	10
300C-890	8.9	47	89	10
300C-900	9	47	89	10
300C-910	9.1	47	89	10
300C-920	9.2	47	89	10
300C-930	9.3	47	89	10
300C-940	9.4	47	89	10
300C-950	9.5	47	89	10
300C-960	9.6	47	89	10
300C-970	9.7	47	89	10
300C-980	9.8	47	89	10
300C-990	9.9	47	89	10
300C-1000	10	47	89	10
300C-1010	10.1	55	102	12
300C-1020	10.2	55	102	12
300C-1030	10.3	55	102	12
300C-1040	10.4	55	102	12
300C-1050	10.5	55	102	12
300C-1060	10.6	55	102	12
300C-1070	10.7	55	102	12
300C-1080	10.8	55	102	12
300C-1090	10.9	55	102	12
300C-1100	11	55	102	12
300C-1110	11.1	55	102	12
300C-1120	11.2	55	102	12
300C-1130	11.3	55	102	12

Order NO.	Diameter	Channel length	Full length	Shank diameter
300C-1310	13.10	60.0	107	14
300C-1320	13.20	60.0	107	14
300C-1330	13.30	60.0	107	14
300C-1340	13.40	60.0	107	14
300C-1350	13.50	60.0	107	14
300C-1360	13.6	60	107	14
300C-1370	13.7	60	107	14
300C-1380	13.8	60	107	14
300C-1390	13.9	60	107	14
300C-1400	14	60	107	14
300C-1410	14.1	65	115	16
300C-1420	14.2	65	115	16
300C-1430	14.3	65	115	16
300C-1440	14.4	65	115	16
300C-1450	14.5	65	115	16
300C-1460	14.6	65	115	16
300C-1470	14.7	65	115	16
300C-1480	14.8	65	115	16
300C-1490	14.9	65	115	16
300C-1500	15	65	115	16
300C-1510	15.1	65	115	16
300C-1520	15.2	65	115	16
300C-1530	15.3	65	115	16
300C-1540	15.4	65	115	16
300C-1550	15.5	65	115	16

Order NO.	Diameter	Channel length	Full length	Shank diameter
300C-1560	15.6	65	115	16
300C-1570	15.7	65	115	16
300C-1580	15.8	65	115	16
300C-1590	15.9	65	115	16
300C-1600	16	65	115	16
300C-1650	16.5	73	123	18
300C-1680	16.8	73	123	18
300C-1700	17	73	123	18
300C-1720	17.5	73	123	18
300C-1740	17.8	73	123	18
300C-1760	18	73	123	18
300C-1780	19	79	131	20
300C-1800	19.5	79	131	20
300C-1820	19.8	79	131	20
300C-2000	20	79	131	20
300C-2050	20.5	79	131	22
300C-2100	21	79	131	22
300C-2150	21.5	79	131	22
300C-2200	22	79	131	22
300C-2250	22.5	96	153	24
300C-2300	23	96	153	24
300C-2350	23.5	96	153	24
300C-2400	24	96	153	24
300C-2450	24.5	96	153	25
300C-2500	25	96	153	25

DIN STANDARD 6537L 306 5XD SERIES STEP 0.1MM

•P1 –Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.



Order NO.	Diameter	Channel length	Full length	Shank diameter
306-300	3.00	28.0	66	4
306-310	3.10	28.0	66	4
306-320	3.20	28.0	66	4
306-330	3.30	28.0	66	4
306-340	3.40	28.0	66	4
306-350	3.5	28	66	4
306-360	3.6	28	66	4
306-370	3.7	28	66	4
306-380	3.8	36	74	4
306-390	3.9	36	74	4
306-400	4	36	74	4
306-410	4.1	36	74	6
306-420	4.2	36	74	6
306-430	4.3	36	74	6
306-440	4.4	36	74	6
306-450	4.5	36	74	6
306-460	4.6	36	74	6
306-470	4.7	44	82	6
306-480	4.8	44	82	6
306-490	4.9	44	82	6
306-500	5	44	82	6
306-510	5.1	44	82	6
306-520	5.2	44	82	6
306-530	5.3	44	82	6
306-540	5.4	44	82	6
306-550	5.5	44	82	6
306-560	5.6	44	82	6
306-570	5.7	44	82	6
306-580	5.8	44	82	6
306-590	5.9	44	82	6
306-600	6	44	82	6

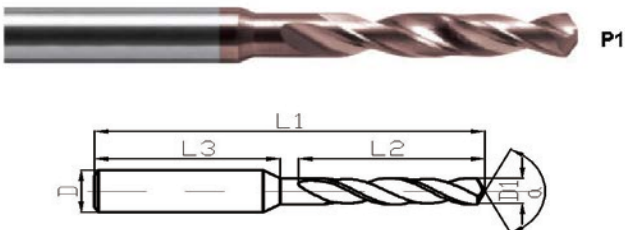
Order NO.	Diameter	Channel length	Full length	Shank diameter
306-610	6.1	53	91	8
306-620	6.2	53	91	8
306-630	6.3	53	91	8
306-640	6.4	53	91	8
306-650	6.5	53	91	8
306-660	6.6	53	91	8
306-670	6.7	53	91	8
306-680	6.8	53	91	8
306-690	6.9	53	91	8
306-700	7	53	91	8
306-710	7.1	53	91	8
306-720	7.2	53	91	8
306-730	7.3	53	91	8
306-740	7.4	53	91	8
306-750	7.5	53	91	8
306-760	7.6	53	91	8
306-770	7.7	53	91	8
306-780	7.8	53	91	8
306-790	7.9	53	91	8
306-800	8	53	91	8
306-810	8.1	61	103	10
306-820	8.2	61	103	10
306-830	8.3	61	103	10
306-840	8.4	61	103	10
306-850	8.5	61	103	10
306-860	8.6	61	103	10
306-870	8.7	61	103	10
306-880	8.8	61	103	10
306-890	8.9	61	103	10
306-900	9	61	103	10
306-910	9.1	61	103	10

Order NO.	Diameter	Channel length	Full length	Shank diameter
306-920	9.20	61.0	103	10
306-930	9.30	61.0	103	10
306-940	9.40	61.0	103	10
306-950	9.50	61.0	103	10
306-960	9.60	61.0	103	10
306-970	9.7	61	103	10
306-980	9.8	61	103	10
306-990	9.9	61	103	10
306-1000	10	61	103	10
306-1010	10.1	71	118	12
306-1020	10.2	71	118	12
306-1030	10.3	71	118	12
306-1040	10.4	71	118	12
306-1050	10.5	71	118	12
306-1060	10.6	71	118	12
306-1070	10.7	71	118	12
306-1080	10.8	71	118	12
306-1090	10.9	71	118	12
306-1100	11	71	118	12
306-1110	11.1	71	118	12
306-1120	11.2	71	118	12
306-1130	11.3	71	118	12
306-1140	11.4	71	118	12
306-1150	11.5	71	118	12
306-1160	11.6	71	118	12
306-1170	11.7	71	118	12
306-1180	11.8	71	118	12
306-1190	11.9	71	118	12
306-1200	12	71	118	12
306-1210	12.1	77	124	14
306-1220	12.2	77	124	14
306-1230	12.3	77	124	14
306-1240	12.4	77	124	14
306-1250	12.5	77	124	14
306-1260	12.6	77	124	14
306-1270	12.7	77	124	14
306-1280	12.8	77	124	14
306-1290	12.9	77	124	14
306-1300	13	77	124	14
306-1310	13.1	77	124	14
306-1320	13.2	77	124	14
306-1330	13.3	77	124	14
306-1340	13.4	77	124	14
306-1350	13.5	77	124	14
306-1360	13.6	77	124	14
306-1370	13.7	77	124	14

Order NO.	Diameter	Channel length	Full length	Shank diameter
306-1380	13.8	77	124	14
306-1390	13.9	77	124	14
306-1400	14	77	124	14
306-1410	14.1	83	133	16
306-1420	14.2	83	133	16
306-1430	14.3	83	133	16
306-1440	14.4	83	133	16
306-1450	14.5	83	133	16
306-1460	14.6	83	133	16
306-1470	14.7	83	133	16
306-1480	14.8	83	133	16
306-1490	14.9	83	133	16
306-1500	15	83	133	16
306-1510	15.1	83	133	16
306-1520	15.2	83	133	16
306-1530	15.3	83	133	16
306-1540	15.4	83	133	16
306-1550	15.5	83	133	16
306-1560	15.6	83	133	16
306-1570	15.7	83	133	16
306-1580	15.8	83	133	16
306-1590	15.9	83	133	16
306-1600	16	83	133	16
306-1650	16.5	101	153	18
306-1680	16.8	101	153	18
306-1700	17	101	153	18
306-1750	17.5	101	153	18
306-1780	17.8	101	153	18
306-1800	18	101	153	18
306-1850	18.5	101	153	20
306-1880	18.8	101	153	20
306-1900	19	101	153	20
306-1950	19.5	101	153	20
306-1980	19.8	101	153	20
306-2000	20	101	153	20
306-2050	20.5	135	200	22
306-2100	21	135	200	22
306-2150	21.5	135	200	22
306-2200	22	135	200	22
306-2250	22.5	140	200	24
306-2300	23	140	200	24
306-2350	23.5	140	200	24
306-2400	24	140	200	24
306-2450	24.5	140	200	25
306-2500	25	140	200	25

DIN STANDARD INNER-COOLANT 306C 5XD SERIES STEP 0.1MM

●P1 –Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.



Order NO.	Diameter	Channel length	Full length	Shank diameter
306C-300	3.00	28.0	66	4
306C-310	3.10	28.0	66	4
306C-320	3.20	28.0	66	4
306C-330	3.30	28.0	66	4
306C-340	3.40	28.0	66	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
306C-350	3.5	28	66	4
306C-360	3.6	28	66	4
306C-370	3.7	28	66	4
306C-380	3.8	36	74	4
306C-390	3.9	36	74	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
306C-400	4.00	36.0	74	4
306C-410	4.10	36.0	74	6
306C-420	4.20	36.0	74	6
306C-430	4.30	36.0	74	6
306C-440	4.40	36.0	74	6
306C-450	4.5	36	74	6
306C-460	4.6	36	74	6
306C-470	4.7	44	82	6
306C-480	4.8	44	82	6
306C-490	4.9	44	82	6
306C-500	5	44	82	6
306C-510	5.1	44	82	6
306C-520	5.2	44	82	6
306C-530	5.3	44	82	6
306C-540	5.4	44	82	6
306C-550	5.5	44	82	6
306C-560	5.6	44	82	6
306C-570	5.7	44	82	6
306C-580	5.8	44	82	6
306C-590	5.9	44	82	6
306C-600	6	44	82	6
306C-610	6.1	53	91	8
306C-620	6.2	53	91	8
306C-630	6.3	53	91	8
306C-640	6.4	53	91	8
306C-650	6.5	53	91	8
306C-660	6.6	53	91	8
306C-670	6.7	53	91	8
306C-680	6.8	53	91	8
306C-690	6.9	53	91	8
306C-700	7	53	91	8
306C-710	7.1	53	91	8
306C-720	7.2	53	91	8
306C-730	7.3	53	91	8
306C-740	7.4	53	91	8
306C-750	7.5	53	91	8
306C-760	7.6	53	91	8
306C-770	7.7	53	91	8
306C-780	7.8	53	91	8
306C-790	7.9	53	91	8
306C-800	8	53	91	8
306C-810	8.1	61	103	10
306C-820	8.2	61	103	10
306C-830	8.3	61	103	10
306C-840	8.4	61	103	10
306C-850	8.5	61	103	10
306C-860	8.6	61	103	10
306C-870	8.7	61	103	10
306C-880	8.8	61	103	10
306C-890	8.9	61	103	10
306C-900	9	61	103	10
306C-910	9.1	61	103	10
306C-920	9.2	61	103	10
306C-930	9.3	61	103	10
306C-940	9.4	61	103	10
306C-950	9.5	61	103	10
306C-960	9.6	61	103	10
306C-970	9.7	61	103	10
306C-980	9.8	61	103	10
306C-990	9.9	61	103	10
306C-1000	10	61	103	10
306C-1010	10.1	71	118	12
306C-1020	10.2	71	118	12
306C-1030	10.3	71	118	12
306C-1040	10.4	71	118	12
306C-1050	10.5	71	118	12
306C-1060	10.6	71	118	12
306C-1070	10.7	71	118	12
306C-1080	10.8	71	118	12
306C-1090	10.9	71	118	12
306C-1100	11	71	118	12
306C-1110	11.1	71	118	12

Order NO.	Diameter	Channel length	Full length	Shank diameter
306C-1120	11.2	71	118	12
306C-1130	11.3	71	118	12
306C-1140	11.4	71	118	12
306C-1150	11.5	71	118	12
306C-1160	11.6	71	118	12
306C-1170	11.7	71	118	12
306C-1180	11.8	71	118	12
306C-1190	11.9	71	118	12
306C-1200	12	71	118	12
306C-1210	12.1	77	124	14
306C-1220	12.2	77	124	14
306C-1230	12.3	77	124	14
306C-1240	12.4	77	124	14
306C-1250	12.5	77	124	14
306C-1260	12.6	77	124	14
306C-1270	12.7	77	124	14
306C-1280	12.8	77	124	14
306C-1290	12.9	77	124	14
306C-1300	13	77	124	14
306C-1310	13.1	77	124	14
306C-1320	13.2	77	124	14
306C-1330	13.3	77	124	14
306C-1340	13.4	77	124	14
306C-1350	13.5	77	124	14
306C-1360	13.6	77	124	14
306C-1370	13.7	77	124	14
306C-1380	13.8	77	124	14
306C-1390	13.9	77	124	14
306C-1400	14	77	124	14
306C-1410	14.1	83	133	16
306C-1420	14.2	83	133	16
306C-1430	14.3	83	133	16
306C-1440	14.4	83	133	16
306C-1450	14.5	83	133	16
306C-1460	14.6	83	133	16
306C-1470	14.7	83	133	16
306C-1480	14.8	83	133	16
306C-1490	14.9	83	133	16
306C-1500	15	83	133	16
306C-1510	15.1	83	133	16
306C-1520	15.2	83	133	16
306C-1530	15.3	83	133	16
306C-1540	15.4	83	133	16
306C-1550	15.5	83	133	16
306C-1560	15.6	83	133	16
306C-1570	15.7	83	133	16
306C-1580	15.8	83	133	16
306C-1590	15.9	83	133	16
306C-1600	16	83	133	16
306C-1650	16.5	101	153	18
306C-1680	16.8	101	153	18
306C-1700	17	101	153	18
306C-1750	17.5	101	153	18
306C-1780	17.8	101	153	18
306C-1800	18	101	153	18
306C-1800	18	101	153	20
306C-1850	18.5	101	153	20
306C-1880	18.8	101	153	20
306C-1900	19	101	153	20
306C-1950	19.5	101	153	20
306C-1980	19.8	101	153	20
306C-2000	20	101	153	20
306C-2050	20.5	135	200	22
306C-2100	21	135	200	22
306C-2150	21.5	135	200	22
306C-2200	22	135	200	22
306C-2250	22.5	140	200	24
306C-2300	23	140	200	24
306C-2350	23.5	140	200	24
306C-2400	24	140	200	24
306C-2450	24.5	140	200	25
306C-2500	25	140	200	25

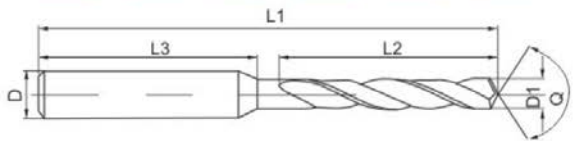
UNIVERSAL TUNGSTEN STEEL DRILL BIT WITH MILLING SHANK 301-N1/P1 SERIES / SIZE 3XD

- N1–Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)
- P1 –Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.
- CUSTOM:the material to be processed in accordance with different coatings and colors, For more information, refer to ZeTOOL coating list.



N1

P1



Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-050	0.50	4	50	4
301-N1/P1-060	0.60	5	50	4
301-N1/P1-070	0.70	5	50	4
301-N1/P1-080	0.80	5	50	4
301-N1/P1-090	0.90	5	50	4
301-N1/P1-100	1.00	6	50	4
301-N1/P1-110	1.10	6	50	4
301-N1/P1-120	1.20	6	50	4
301-N1/P1-130	1.30	6	50	4
301-N1/P1-140	1.40	6	50	4
301-N1/P1-150	1.50	6	50	4
301-N1/P1-160	1.60	8	50	4
301-N1/P1-170	1.70	8	50	4
301-N1/P1-180	1.80	9	50	4
301-N1/P1-190	1.90	9	50	4
301-N1/P1-200	2.00	10	50	4
301-N1/P1-210	2.10	10	50	4
301-N1/P1-220	2.20	10	50	4
301-N1/P1-230	2.30	12	50	4
301-N1/P1-240	2.40	12	50	4
301-N1/P1-250	2.50	12	50	4
301-N1/P1-260	2.60	14	50	4
301-N1/P1-270	2.70	14	50	4
301-N1/P1-280	2.80	14	50	4
301-N1/P1-290	2.90	14	50	4
301-N1/P1-300	3.00	16	50	4
301-N1/P1-310	3.10	16	50	4
301-N1/P1-320	3.20	16	50	4
301-N1/P1-330	3.30	16	50	4
301-N1/P1-340	3.40	16	50	4
301-N1/P1-350	3.50	16	50	4
301-N1/P1-360	3.60	18	50	4
301-N1/P1-370	3.70	18	50	4
301-N1/P1-380	3.80	18	50	4
301-N1/P1-390	3.90	18	50	4
301-N1/P1-400	4.00	18	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-055	0.55	4	50	4
301-N1/P1-065	0.65	5	50	4
301-N1/P1-075	0.75	5	50	4
301-N1/P1-085	0.85	5	50	4
301-N1/P1-095	0.95	5	50	4
301-N1/P1-105	1.05	6	50	4
301-N1/P1-115	1.15	6	50	4
301-N1/P1-125	1.25	6	50	4
301-N1/P1-135	1.35	8	50	4
301-N1/P1-145	1.45	8	50	4
301-N1/P1-155	1.55	8	50	4
301-N1/P1-165	1.65	8	50	4
301-N1/P1-175	1.75	8	50	4
301-N1/P1-185	1.85	9	50	4
301-N1/P1-195	1.95	9	50	4
301-N1/P1-205	2.05	10	50	4
301-N1/P1-215	2.15	10	50	4
301-N1/P1-225	2.25	10	50	4
301-N1/P1-235	2.35	12	50	4
301-N1/P1-245	2.45	12	50	4
301-N1/P1-255	2.55	12	50	4
301-N1/P1-265	2.65	14	50	4
301-N1/P1-275	2.75	14	50	4
301-N1/P1-285	2.85	14	50	4
301-N1/P1-295	2.95	14	50	4
301-N1/P1-305	3.05	16	50	4
301-N1/P1-315	3.15	16	50	4
301-N1/P1-325	3.25	16	50	4
301-N1/P1-335	3.35	16	50	4
301-N1/P1-345	3.45	16	50	4
301-N1/P1-355	3.55	16	50	4
301-N1/P1-365	3.65	18	50	4
301-N1/P1-375	3.75	18	50	4
301-N1/P1-385	3.85	18	50	4
301-N1/P1-395	3.95	18	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-405	4.05	18	50	5
301-N1/P1-415	4.15	18	50	5
301-N1/P1-425	4.25	18	50	5
301-N1/P1-435	4.35	18	50	5
301-N1/P1-445	4.45	18	50	5
301-N1/P1-455	4.55	20	50	5
301-N1/P1-465	4.65	20	50	5
301-N1/P1-475	4.75	20	50	5
301-N1/P1-485	4.85	20	50	5
301-N1/P1-495	4.95	20	50	5

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-410	4.10	18	50	5
301-N1/P1-420	4.20	18	50	5
301-N1/P1-430	4.30	18	50	5
301-N1/P1-440	4.40	18	50	5
301-N1/P1-450	4.50	18	50	5
301-N1/P1-460	4.60	20	50	5
301-N1/P1-470	4.70	20	50	5
301-N1/P1-480	4.80	20	50	5
301-N1/P1-490	4.90	20	50	5
301-N1/P1-500	5.00	20	50	5

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-505	5.05	25	50	6
301-N1/P1-515	5.15	25	50	6
301-N1/P1-525	5.25	25	50	6
301-N1/P1-535	5.35	25	50	6
301-N1/P1-545	5.45	25	50	6
301-N1/P1-555	5.55	25	50	6
301-N1/P1-565	5.65	25	50	6
301-N1/P1-575	5.75	25	50	6
301-N1/P1-585	5.85	25	50	6
301-N1/P1-595	5.95	25	50	6

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-510	5.10	25	50	6
301-N1/P1-520	5.20	25	50	6
301-N1/P1-530	5.30	25	50	6
301-N1/P1-540	5.40	25	50	6
301-N1/P1-550	5.50	25	50	6
301-N1/P1-560	5.60	25	50	6
301-N1/P1-570	5.70	25	50	6
301-N1/P1-580	5.80	25	50	6
301-N1/P1-590	5.90	25	50	6
301-N1/P1-600	6.00	25	50	6

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1 -605	6.05	30	60	8
301-N1/P1 -615	6.15	30	60	8
301-N1/P1 -625	6.25	30	60	8
301-N1/P1 -635	6.35	30	60	8
301-N1/P1 -645	6.45	30	60	8
301-N1/P1 -655	6.55	30	60	8
301-N1/P1 -665	6.65	30	60	8
301-N1/P1 -675	6.75	30	60	8
301-N1/P1 -685	6.85	30	60	8
301-N1/P1 -695	6.95	30	60	8

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1 -610	6.10	30	60	8
301-N1/P1 -620	6.20	30	60	8
301-N1/P1 -630	6.30	30	60	8
301-N1/P1 -640	6.40	30	60	8
301-N1/P1 -650	6.50	30	60	8
301-N1/P1 -660	6.60	30	60	8
301-N1/P1 -670	6.70	30	60	8
301-N1/P1 -680	6.80	30	60	8
301-N1/P1 -690	6.90	30	60	8
301-N1/P1 -700	7.00	30	60	8

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1 -705	7.05	32	60	8
301-N1/P1 -715	7.15	32	60	8
301-N1/P1 -725	7.25	32	60	8
301-N1/P1 -735	7.35	32	60	8
301-N1/P1 -745	7.45	32	60	8
301-N1/P1 -755	7.55	32	60	8
301-N1/P1 -765	7.65	32	60	8
301-N1/P1 -775	7.75	32	60	8
301-N1/P1 -785	7.85	32	60	8
301-N1/P1 -795	7.95	32	60	8

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1 -710	7.10	32	60	8
301-N1/P1 -720	7.20	32	60	8
301-N1/P1 -730	7.30	32	60	8
301-N1/P1 -740	7.40	32	60	8
301-N1/P1 -750	7.50	32	60	8
301-N1/P1 -760	7.60	32	60	8
301-N1/P1 -770	7.70	32	60	8
301-N1/P1 -780	7.80	32	60	8
301-N1/P1 -790	7.90	32	60	8
301-N1/P1 -800	8.00	32	60	8

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-805	8.05	40	75	10
301-N1/P1-815	8.15	40	75	10
301-N1/P1-825	8.25	40	75	10
301-N1/P1-835	8.35	40	75	10
301-N1/P1-845	8.45	40	75	10
301-N1/P1-855	8.55	40	75	10
301-N1/P1-865	8.65	40	75	10
301-N1/P1-875	8.75	40	75	10
301-N1/P1-885	8.85	40	75	10
301-N1/P1-895	8.95	40	75	10

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-810	8.1	40	75	10
301-N1/P1-820	8.2	40	75	10
301-N1/P1-830	8.3	40	75	10
301-N1/P1-840	8.4	40	75	10
301-N1/P1-850	8.5	40	75	10
301-N1/P1-860	8.6	40	75	10
301-N1/P1-870	8.7	40	75	10
301-N1/P1-880	8.8	40	75	10
301-N1/P1-890	8.9	40	75	10
301-N1/P1-900	9	40	75	10

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-905	9.05	40	75	10
301-N1/P1-915	9.15	40	75	10
301-N1/P1-925	9.25	40	75	10
301-N1/P1-935	9.35	40	75	10
301-N1/P1-945	9.45	40	75	10
301-N1/P1-955	9.55	40	75	10
301-N1/P1-965	9.65	40	75	10
301-N1/P1-975	9.75	40	75	10
301-N1/P1-985	9.85	40	75	10
301-N1/P1-995	9.95	40	75	10

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-910	9.1	40	75	10
301-N1/P1-920	9.2	40	75	10
301-N1/P1-930	9.3	40	75	10
301-N1/P1-940	9.4	40	75	10
301-N1/P1-950	9.5	40	75	10
301-N1/P1-960	9.6	40	75	10
301-N1/P1-970	9.7	40	75	10
301-N1/P1-980	9.8	40	75	10
301-N1/P1-990	9.9	40	75	10
301-N1/P1-1000	10	40	75	10

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-1005	10.05	42.0	75.0	12.0
301-N1/P1-1015	10.15	42.0	75.0	12.0
301-N1/P1-1025	10.25	42.0	75.0	12.0
301-N1/P1-1035	10.35	42.0	75.0	12.0
301-N1/P1-1045	10.45	42.0	75.0	12.0
301-N1/P1-1055	10.55	42.0	75.0	12.0
301-N1/P1-1065	10.65	42.0	75.0	12.0
301-N1/P1-1075	10.75	42.0	75.0	12.0
301-N1/P1-1085	10.85	42.0	75.0	12.0
301-N1/P1-1095	10.95	42.0	75.0	12.0

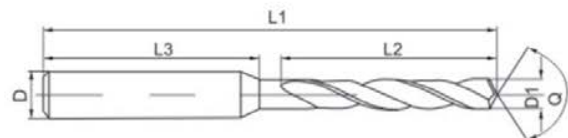
Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-1010	10.10	42.0	75.0	12.0
301-N1/P1-1020	10.20	42.0	75.0	12.0
301-N1/P1-1030	10.30	42.0	75.0	12.0
301-N1/P1-1040	10.40	42.0	75.0	12.0
301-N1/P1-1050	10.50	42.0	75.0	12.0
301-N1/P1-1060	10.60	42.0	75.0	12.0
301-N1/P1-1070	10.70	42.0	75.0	12.0
301-N1/P1-1080	10.80	42.0	75.0	12.0
301-N1/P1-1090	10.90	42.0	75.0	12.0
301-N1/P1-1100	11.00	42.0	75.0	12.0

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-1105	11.05	48.0	80.0	12.0
301-N1/P1-1115	11.15	48.0	80.0	12.0
301-N1/P1-1125	11.25	48.0	80.0	12.0
301-N1/P1-1135	11.35	48.0	80.0	12.0
301-N1/P1-1145	11.45	48.0	80.0	12.0
301-N1/P1-1155	11.55	48.0	80.0	12.0
301-N1/P1-1165	11.65	48.0	80.0	12.0
301-N1/P1-1175	11.75	48.0	80.0	12.0
301-N1/P1-1185	11.85	48.0	80.0	12.0
301-N1/P1-1195	11.95	48.0	80.0	12.0

Order NO.	Diameter	Channel length	Full length	Shank diameter
301-N1/P1-1110	11.10	48.0	80.0	12.0
301-N1/P1-1120	11.20	48.0	80.0	12.0
301-N1/P1-1130	11.30	48.0	80.0	12.0
301-N1/P1-1140	11.40	48.0	80.0	12.0
301-N1/P1-1150	11.50	48.0	80.0	12.0
301-N1/P1-1160	11.60	48.0	80.0	12.0
301-N1/P1-1170	11.70	48.0	80.0	12.0
301-N1/P1-1180	11.80	48.0	80.0	12.0
301-N1/P1-1190	11.90	48.0	80.0	12.0
301-N1/P1-1200	12.00	48.0	80.0	12.0

UNIVERSAL TUNGSTEN STEEL DRILL BIT WITH MILLING SHANK 303-N2/P2 SERIES / SIZE 5XD

- N2-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)
- P2 -Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.
- CUSTOM:the material to be processed in accordance with different coatings and colors, For more information, refer to ZeTOOL coating list.



Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-050	0.50	5.0	50	4
303-N2/P2-055	0.55	5.0	50	4
303-N2/P2-060	0.60	6.0	50	4
303-N2/P2-065	0.65	6.0	50	4
303-N2/P2-070	0.70	6.0	50	4
303-N2/P2-075	0.75	6	50	4
303-N2/P2-080	0.8	6	50	4
303-N2/P2-085	0.85	6	50	4
303-N2/P2-090	0.9	6	50	4
303-N2/P2-095	0.95	6	50	4
303-N2/P2-100	1	8	50	4
303-N2/P2-105	1.05	8	50	4
303-N2/P2-110	1.1	8	50	4
303-N2/P2-115	1.15	8	50	4
303-N2/P2-120	1.2	8	50	4
303-N2/P2-125	1.25	8	50	4
303-N2/P2-130	1.3	8	50	4
303-N2/P2-135	1.35	8	50	4
303-N2/P2-140	1.4	9	50	4
303-N2/P2-145	1.45	9	50	4
303-N2/P2-150	1.5	9	50	4
303-N2/P2-155	1.55	9	50	4
303-N2/P2-160	1.6	10	50	4
303-N2/P2-165	1.65	10	50	4
303-N2/P2-170	1.7	10	50	4
303-N2/P2-175	1.75	10	50	4
303-N2/P2-180	1.8	12	50	4
303-N2/P2-185	1.85	12	50	4
303-N2/P2-190	1.9	12	50	4
303-N2/P2-195	1.95	12	50	4
303-N2/P2-200	2	12	50	4
303-N2/P2-205	2.05	12	50	4
303-N2/P2-210	2.1	12	50	4
303-N2/P2-215	2.15	12	50	4
303-N2/P2-220	2.2	13	50	4
303-N2/P2-225	2.25	13	50	4
303-N2/P2-230	2.3	13	50	4
303-N2/P2-235	2.35	13	50	4
303-N2/P2-240	2.4	14	50	4
303-N2/P2-245	2.45	14	50	4
303-N2/P2-250	2.5	14	50	4
303-N2/P2-255	2.55	14	50	4
303-N2/P2-260	2.6	14	50	4
303-N2/P2-265	2.65	14	50	4
303-N2/P2-270	2.7	16	50	4
303-N2/P2-275	2.75	16	50	4
303-N2/P2-280	2.8	16	50	4
303-N2/P2-285	2.85	16	50	4
303-N2/P2-290	2.9	16	50	4
303-N2/P2-295	2.95	16	50	4
303-N2/P2-300	3	20	50	4
303-N2/P2-305	3.05	20	50	4
303-N2/P2-310	3.1	20	52	4
303-N2/P2-315	3.15	20	52	4
303-N2/P2-320	3.2	20	52	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-325	3.25	20	52	4
303-N2/P2-330	3.3	20	52	4
303-N2/P2-335	3.35	20	52	4
303-N2/P2-340	3.4	20	52	4
303-N2/P2-345	3.45	20	52	4
303-N2/P2-350	3.5	20	55	4
303-N2/P2-355	3.55	20	55	4
303-N2/P2-360	3.6	23	55	4
303-N2/P2-365	3.65	23	55	4
303-N2/P2-370	3.7	23	55	4
303-N2/P2-375	3.75	23	55	4
303-N2/P2-380	3.8	23	55	4
303-N2/P2-385	3.85	23	55	4
303-N2/P2-390	3.9	23	55	4
303-N2/P2-395	3.95	23	55	4
303-N2/P2-400	4	23	55	4
303-N2/P2-405	4.05	26	60	5
303-N2/P2-410	4.1	26	60	5
303-N2/P2-415	4.15	26	60	5
303-N2/P2-420	4.2	26	60	5
303-N2/P2-425	4.25	26	60	5
303-N2/P2-430	4.3	26	60	5
303-N2/P2-435	4.35	26	60	5
303-N2/P2-440	4.4	26	60	5
303-N2/P2-445	4.45	26	60	5
303-N2/P2-450	4.5	26	60	5
303-N2/P2-455	4.55	26	60	5
303-N2/P2-460	4.6	28	60	5
303-N2/P2-465	4.65	28	60	5
303-N2/P2-470	4.7	28	60	5
303-N2/P2-475	4.75	28	60	5
303-N2/P2-480	4.8	28	60	5
303-N2/P2-485	4.85	28	60	5
303-N2/P2-490	4.9	28	60	5
303-N2/P2-495	4.95	28	60	5
303-N2/P2-500	5	28	60	5
303-N2/P2-505	5.05	30	65	6
303-N2/P2-510	5.1	30	65	6
303-N2/P2-515	5.15	30	65	6
303-N2/P2-520	5.2	30	65	6
303-N2/P2-525	5.25	30	65	6
303-N2/P2-530	5.3	30	65	6
303-N2/P2-535	5.35	30	65	6
303-N2/P2-540	5.4	30	65	6
303-N2/P2-545	5.45	30	65	6
303-N2/P2-550	5.5	30	65	6
303-N2/P2-555	5.55	30	65	6
303-N2/P2-560	5.6	32	65	6
303-N2/P2-565	5.65	32	65	6
303-N2/P2-570	5.7	32	65	6
303-N2/P2-575	5.75	32	65	6
303-N2/P2-580	5.8	32	65	6
303-N2/P2-585	5.85	32	65	6
303-N2/P2-590	5.9	32	65	6
303-N2/P2-595	5.95	32	65	6

Order NO.	直径D1 Diameter	Channel length	Full length	Shank diameter	Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-600	6.00	32.0	65	6	303-N2/P2-960	9.6	61	103	10
303-N2/P2-610	6.10	38.0	75	7	303-N2/P2-970	9.7	61	103	10
303-N2/P2-620	6.20	38.0	75	7	303-N2/P2-980	9.8	61	103	10
303-N2/P2-630	6.30	38.0	75	7	303-N2/P2-990	9.9	61	103	10
303-N2/P2-640	6.40	38.0	75	7	303-N2/P2-1000	10	61	103	10
303-N2/P2-650	6.5	38	75	7	303-N2/P2-1010	10.1	71	118	11
303-N2/P2-660	6.6	42	80	7	303-N2/P2-1020	10.2	71	118	11
303-N2/P2-670	6.7	42	80	7	303-N2/P2-1030	10.3	71	118	11
303-N2/P2-680	6.8	42	80	7	303-N2/P2-1040	10.4	71	118	11
303-N2/P2-690	6.9	42	80	7	303-N2/P2-1050	10.5	71	118	11
303-N2/P2-700	7	42	80	7	303-N2/P2-1060	10.6	71	118	11
303-N2/P2-710	7.1	53	91	8	303-N2/P2-1070	10.7	71	118	11
303-N2/P2-720	7.2	53	91	8	303-N2/P2-1080	10.8	71	118	11
303-N2/P2-730	7.3	53	91	8	303-N2/P2-1090	10.9	71	118	11
303-N2/P2-740	7.4	53	91	8	303-N2/P2-1100	11	71	118	11
303-N2/P2-750	7.5	53	91	8	303-N2/P2-1110	11.1	71	118	12
303-N2/P2-760	7.6	53	91	8	303-N2/P2-1120	11.2	71	118	12
303-N2/P2-770	7.7	53	91	8	303-N2/P2-1130	11.3	71	118	12
303-N2/P2-780	7.8	53	91	8	303-N2/P2-1140	11.4	71	118	12
303-N2/P2-790	7.9	53	91	8	303-N2/P2-1150	11.5	71	118	12
303-N2/P2-800	8	53	91	8	303-N2/P2-1160	11.6	71	118	12
303-N2/P2-810	8.1	61	103	9	303-N2/P2-1170	11.7	71	118	12
303-N2/P2-820	8.2	61	103	9	303-N2/P2-1180	11.8	71	118	12
303-N2/P2-830	8.3	61	103	9	303-N2/P2-1190	11.9	71	118	12
303-N2/P2-840	8.4	61	103	9	303-N2/P2-1200	12	71	118	12
303-N2/P2-850	8.5	61	103	9	303-P2-1210	12.1	77	124	13
303-N2/P2-860	8.6	61	103	9	303-P2-1220	12.2	77	124	13
303-N2/P2-870	8.7	61	103	9	303-P2-1230	12.3	77	124	13
303-N2/P2-880	8.8	61	103	9	303-P2-1240	12.4	77	124	13
303-N2/P2-890	8.9	61	103	9	303-P2-1250	12.5	77	124	13
303-N2/P2-900	9	61	103	9	303-P2-1260	12.6	77	124	13
303-N2/P2-910	9.1	61	103	10	303-P2-1270	12.7	77	124	13
303-N2/P2-920	9.2	61	103	10	303-P2-1280	12.8	77	124	13
303-N2/P2-930	9.3	61	103	10	303-P2-1290	12.9	77	124	13
303-N2/P2-940	9.4	61	103	10	303-P2-1300	13	77	124	13
303-N2/P2-950	9.5	61	103	10					

UNIVERSAL TUNGSTEN STEEL DRILL BIT WITH MILLING SHANK 303-N2/P2 0.01MM-SHANK DIA.4 SERIES / SIZE 5XD

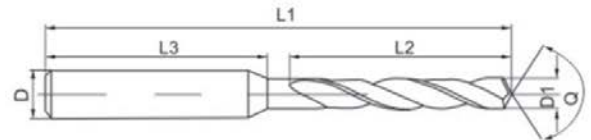
- N2–Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)
- P2–Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.
- CUSTOM:the material to be processed in accordance with different coatings and colors, For more information, refer to ZeTOOL coating list.



N2



P2



Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-051	0.51	5.0	50	4
303-N2/P2-052	0.52	5.0	50	4
303-N2/P2-053	0.53	5.0	50	4
303-N2/P2-054	0.54	5.0	50	4
303-N2/P2-056	0.56	5.0	50	4
303-N2/P2-057	0.57	5.0	50	4
303-N2/P2-058	0.58	5.0	50	4
303-N2/P2-059	0.59	5.0	50	4
303-N2/P2-061	0.61	6.0	50	4
303-N2/P2-062	0.62	6.0	50	4
303-N2/P2-063	0.63	6.0	50	4
303-N2/P2-064	0.64	6.0	50	4
303-N2/P2-066	0.66	6.0	50	4
303-N2/P2-067	0.67	6.0	50	4
303-N2/P2-068	0.68	6.0	50	4
303-N2/P2-069	0.69	6.0	50	4
303-N2/P2-071	0.71	6.0	50	4
303-N2/P2-072	0.72	6.0	50	4
303-N2/P2-073	0.73	6.0	50	4
303-N2/P2-074	0.74	6.0	50	4
303-N2/P2-076	0.76	6.0	50	4
303-N2/P2-077	0.77	6.0	50	4
303-N2/P2-078	0.78	6.0	50	4
303-N2/P2-079	0.79	6.0	50	4
303-N2/P2-081	0.81	6.0	50	4
303-N2/P2-082	0.82	6.0	50	4
303-N2/P2-083	0.83	6.0	50	4
303-N2/P2-083	0.84	6.0	50	4
303-N2/P2-086	0.86	6.0	50	4
303-N2/P2-087	0.87	6.0	50	4
303-N2/P2-088	0.88	6.0	50	4
303-N2/P2-089	0.89	6.0	50	4
303-N2/P2-091	0.91	6.0	50	4
303-N2/P2-092	0.92	6.0	50	4
303-N2/P2-093	0.93	6.0	50	4
303-N2/P2-094	0.94	6.0	50	4
303-N2/P2-096	0.96	6.0	50	4
303-N2/P2-097	0.97	6.0	50	4
303-N2/P2-098	0.98	6.0	50	4
303-N2/P2-099	0.99	6.0	50	4
303-N2/P2-101	1.01	8.0	50	4
303-N2/P2-102	1.02	8.0	50	4
303-N2/P2-103	1.03	8.0	50	4
303-N2/P2-104	1.04	8.0	50	4
303-N2/P2-106	1.06	8.0	50	4
303-N2/P2-107	1.07	8.0	50	4
303-N2/P2-108	1.08	8.0	50	4
303-N2/P2-109	1.09	8.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-111	1.11	8.0	50	4
303-N2/P2-112	1.12	8.0	50	4
303-N2/P2-113	1.13	8.0	50	4
303-N2/P2-114	1.14	8.0	50	4
303-N2/P2-116	1.16	8.0	50	4
303-N2/P2-117	1.17	8.0	50	4
303-N2/P2-118	1.18	8.0	50	4
303-N2/P2-119	1.19	8.0	50	4
303-N2/P2-121	1.21	8.0	50	4
303-N2/P2-122	1.22	8.0	50	4
303-N2/P2-123	1.23	8.0	50	4
303-N2/P2-124	1.24	8.0	50	4
303-N2/P2-126	1.26	8.0	50	4
303-N2/P2-127	1.27	8.0	50	4
303-N2/P2-128	1.28	8.0	50	4
303-N2/P2-129	1.29	8.0	50	4
303-N2/P2-131	1.31	8.0	50	4
303-N2/P2-132	1.32	8.0	50	4
303-N2/P2-133	1.33	8.0	50	4
303-N2/P2-134	1.34	8.0	50	4
303-N2/P2-135	1.36	8.0	50	4
303-N2/P2-137	1.37	8.0	50	4
303-N2/P2-138	1.38	8.0	50	4
303-N2/P2-139	1.39	8.0	50	4
303-N2/P2-141	1.41	9.0	50	4
303-N2/P2-142	1.42	9.0	50	4
303-N2/P2-143	1.43	9.0	50	4
303-N2/P2-144	1.44	9.0	50	4
303-N2/P2-146	1.46	9.0	50	4
303-N2/P2-147	1.47	9.0	50	4
303-N2/P2-148	1.48	9.0	50	4
303-N2/P2-149	1.49	9.0	50	4
303-N2/P2-151	1.51	9.0	50	4
303-N2/P2-152	1.52	9.0	50	4
303-N2/P2-153	1.53	9.0	50	4
303-N2/P2-154	1.54	9.0	50	4
303-N2/P2-156	1.56	9.0	50	4
303-N2/P2-157	1.57	9.0	50	4
303-N2/P2-158	1.58	9.0	50	4
303-N2/P2-159	1.59	9.0	50	4
303-N2/P2-161	1.61	10.0	50	4
303-N2/P2-162	1.62	10.0	50	4
303-N2/P2-163	1.63	10.0	50	4
303-N2/P2-164	1.64	10.0	50	4
303-N2/P2-166	1.66	10.0	50	4
303-N2/P2-167	1.67	10.0	50	4
303-N2/P2-168	1.68	10.0	50	4
303-N2/P2-169	1.69	10.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-171	1.71	10.0	50	4
303-N2/P2-172	1.72	10.0	50	4
303-N2/P2-173	1.73	10.0	50	4
303-N2/P2-174	1.74	10.0	50	4
303-N2/P2-176	1.76	10.0	50	4
303-N2/P2-177	1.77	10.0	50	4
303-N2/P2-178	1.78	10.0	50	4
303-N2/P2-179	1.79	10.0	50	4
303-N2/P2-181	1.81	12.0	50	4
303-N2/P2-182	1.82	12.0	50	4
303-N2/P2-183	1.83	12.0	50	4
303-N2/P2-184	1.84	12.0	50	4
303-N2/P2-186	1.86	12.0	50	4
303-N2/P2-187	1.87	12.0	50	4
303-N2/P2-188	1.88	12.0	50	4
303-N2/P2-189	1.89	12.0	50	4
303-N2/P2-191	1.91	12.0	50	4
303-N2/P2-192	1.92	12.0	50	4
303-N2/P2-193	1.93	12.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-241	2.41	14.0	50	4
303-N2/P2-242	2.42	14.0	50	4
303-N2/P2-243	2.43	14.0	50	4
303-N2/P2-244	2.44	14.0	50	4
303-N2/P2-246	2.46	14.0	50	4
303-N2/P2-247	2.47	14.0	50	4
303-N2/P2-248	2.48	14.0	50	4
303-N2/P2-249	2.49	14.0	50	4
303-N2/P2-251	2.51	14.0	50	4
303-N2/P2-252	2.52	14.0	50	4
303-N2/P2-253	2.53	14.0	50	4
303-N2/P2-254	2.54	14.0	50	4
303-N2/P2-256	2.56	14.0	50	4
303-N2/P2-257	2.57	14.0	50	4
303-N2/P2-258	2.58	14.0	50	4
303-N2/P2-259	2.59	14.0	50	4
303-N2/P2-261	2.61	14.0	50	4
303-N2/P2-262	2.62	14.0	50	4
303-N2/P2-263	2.63	14.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-194	1.94	12.0	50	4
303-N2/P2-196	1.96	12.0	50	4
303-N2/P2-197	1.97	12.0	50	4
303-N2/P2-198	1.98	12.0	50	4
303-N2/P2-199	1.99	12.0	50	4
303-N2/P2-211	2.11	12.0	50	4
303-N2/P2-212	2.12	12.0	50	4
303-N2/P2-213	2.13	12.0	50	4
303-N2/P2-214	2.14	12.0	50	4
303-N2/P2-216	2.16	12.0	50	4
303-N2/P2-217	2.17	12.0	50	4
303-N2/P2-218	2.18	12.0	50	4
303-N2/P2-219	2.19	12.0	50	4
303-N2/P2-221	2.21	13.0	50	4
303-N2/P2-222	2.22	13.0	50	4
303-N2/P2-223	2.23	13.0	50	4
303-N2/P2-224	2.24	13.0	50	4
303-N2/P2-225	2.26	13.0	50	4
303-N2/P2-227	2.27	13.0	50	4
303-N2/P2-228	2.28	13.0	50	4
303-N2/P2-229	2.29	13.0	50	4
303-N2/P2-231	2.31	13.0	50	4
303-N2/P2-232	2.32	13.0	50	4
303-N2/P2-233	2.33	13.0	50	4
303-N2/P2-234	2.34	13.0	50	4
303-N2/P2-236	2.36	13.0	50	4
303-N2/P2-237	2.37	13.0	50	4
303-N2/P2-238	2.38	13.0	50	4
303-N2/P2-239	2.39	13.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-264	2.64	14.0	50	4
303-N2/P2-266	2.66	14.0	50	4
303-N2/P2-267	2.67	14.0	50	4
303-N2/P2-268	2.68	14.0	50	4
303-N2/P2-269	2.69	14.0	50	4
303-N2/P2-271	2.71	16.0	50	4
303-N2/P2-272	2.72	16.0	50	4
303-N2/P2-273	2.73	16.0	50	4
303-N2/P2-274	2.74	16.0	50	4
303-N2/P2-276	2.76	16.0	50	4
303-N2/P2-277	2.77	16.0	50	4
303-N2/P2-278	2.78	16.0	50	4
303-N2/P2-279	2.79	16.0	50	4
303-N2/P2-281	2.81	16.0	50	4
303-N2/P2-282	2.82	16.0	50	4
303-N2/P2-283	2.83	16.0	50	4
303-N2/P2-284	2.84	16.0	50	4
303-N2/P2-286	2.86	16.0	50	4
303-N2/P2-287	2.87	16.0	50	4
303-N2/P2-288	2.88	16.0	50	4
303-N2/P2-289	2.89	16.0	50	4
303-N2/P2-291	2.91	16.0	50	4
303-N2/P2-292	2.92	16.0	50	4
303-N2/P2-293	2.93	16.0	50	4
303-N2/P2-294	2.94	16.0	50	4
303-N2/P2-296	2.96	16.0	50	4
303-N2/P2-297	2.97	16.0	50	4
303-N2/P2-298	2.98	16.0	50	4
303-N2/P2-299	2.99	16.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-301	3.01	20.0	52	4
303-N2/P2-302	3.02	20.0	52	4
303-N2/P2-303	3.03	20.0	52	4
303-N2/P2-304	3.04	20.0	52	4
303-N2/P2-306	3.06	20.0	52	4
303-N2/P2-307	3.07	20.0	52	4
303-N2/P2-308	3.08	20.0	52	4
303-N2/P2-309	3.09	20.0	52	4
303-N2/P2-311	3.11	20.0	52	4
303-N2/P2-312	3.12	20.0	52	4
303-N2/P2-313	3.13	20.0	52	4
303-N2/P2-314	3.14	20.0	52	4
303-N2/P2-316	3.16	20.0	52	4
303-N2/P2-317	3.17	20.0	52	4
303-N2/P2-318	3.18	20.0	52	4
303-N2/P2-319	3.19	20.0	52	4
303-N2/P2-321	3.21	20.0	52	4
303-N2/P2-322	3.22	20.0	52	4
303-N2/P2-323	3.23	20.0	52	4
303-N2/P2-324	3.24	20.0	52	4
303-N2/P2-325	3.26	20.0	52	4
303-N2/P2-327	3.27	20.0	52	4
303-N2/P2-328	3.28	20.0	52	4
303-N2/P2-329	3.29	20.0	52	4
303-N2/P2-331	3.31	20.0	52	4
303-N2/P2-332	3.32	20.0	52	4
303-N2/P2-333	3.33	20.0	52	4
303-N2/P2-334	3.34	20.0	52	4
303-N2/P2-336	3.36	20.0	52	4
303-N2/P2-337	3.37	20.0	52	4
303-N2/P2-338	3.38	20.0	52	4
303-N2/P2-339	3.39	20.0	52	4
303-N2/P2-341	3.41	20.0	52	4
303-N2/P2-342	3.42	20.0	52	4
303-N2/P2-343	3.43	20.0	52	4
303-N2/P2-344	3.44	20.0	52	4
303-N2/P2-346	3.46	20.0	52	4
303-N2/P2-347	3.47	20.0	52	4
303-N2/P2-348	3.48	20.0	52	4
303-N2/P2-349	3.49	20.0	52	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
303-N2/P2-351	3.51	23.0	55	4
303-N2/P2-352	3.52	23.0	55	4
303-N2/P2-353	3.53	23.0	55	4
303-N2/P2-354	3.54	23.0	55	4
303-N2/P2-356	3.56	23.0	55	4
303-N2/P2-357	3.57	23.0	55	4
303-N2/P2-358	3.58	23.0	55	4
303-N2/P2-359	3.59	23.0	55	4
303-N2/P2-361	3.61	23.0	55	4
303-N2/P2-362	3.62	23.0	55	4
303-N2/P2-363	3.63	23.0	55	4
303-N2/P2-364	3.64	23.0	55	4
303-N2/P2-366	3.66	23.0	55	4
303-N2/P2-367	3.67	23.0	55	4
303-N2/P2-368	3.68	23.0	55	4
303-N2/P2-369	3.69	23.0	55	4
303-N2/P2-371	3.71	23.0	55	4
303-N2/P2-372	3.72	23.0	55	4
303-N2/P2-373	3.73	23.0	55	4
303-N2/P2-374	3.74	23.0	55	4
303-N2/P2-376	3.76	23.0	55	4
303-N2/P2-377	3.77	23.0	55	4
303-N2/P2-378	3.78	23.0	55	4
303-N2/P2-379	3.79	23.0	55	4
303-N2/P2-381	3.81	23.0	55	4
303-N2/P2-382	3.82	23.0	55	4
303-N2/P2-383	3.83	23.0	55	4
303-N2/P2-384	3.84	23.0	55	4
303-N2/P2-386	3.86	23.0	55	4
303-N2/P2-387	3.87	23.0	55	4
303-N2/P2-388	3.88	23.0	55	4
303-N2/P2-389	3.89	23.0	55	4
303-N2/P2-391	3.91	23.0	55	4
303-N2/P2-392	3.92	23.0	55	4
303-N2/P2-393	3.93	23.0	55	4
303-N2/P2-394	3.94	23.0	55	4
303-N2/P2-396	3.96	23.0	55	4
303-N2/P2-397	3.97	23.0	55	4
303-N2/P2-398	3.98	23.0	55	4
303-N2/P2-399	3.99	23.0	55	4

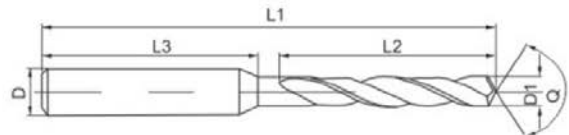
UNIVERSAL TUNGSTEN STEEL DRILL BIT WITH MILLING SHANK 304-N3/P3 5XD 0.01MM-SHANK DIA.3 SERIES

- N3–Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)
- P3–Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.
- CUSTOM:the material to be processed in accordance with different coatings and colors, For more information, refer to ZeTOOL coating list.



N3

P3



Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N3/P3-020	0.20	3.0	38	3
304-N3/P3-021	0.21	3.0	38	3
304-N3/P3-022	0.22	3.0	38	3
304-N3/P3-023	0.23	3.0	38	3
304-N3/P3-024	0.24	3.0	38	3
304-N3/P3-026	0.26	3.0	38	3
304-N3/P3-027	0.27	3.0	38	3
304-N3/P3-028	0.28	3.0	38	3
304-N3/P3-029	0.29	3.0	38	3
304-N3/P3-031	0.31	3.0	38	3
304-N3/P3-032	0.32	3.0	38	3
304-N3/P3-033	0.33	3.0	38	3
304-N3/P3-034	0.34	3.0	38	3
304-N3/P3-036	0.36	3.0	38	3
304-N3/P3-037	0.37	3.0	38	3
304-N3/P3-038	0.38	3.0	38	3
304-N3/P3-039	0.39	3.0	38	3
304-N3/P3-041	0.41	4.0	38	3
304-N3/P3-042	0.42	4.0	38	3
304-N3/P3-043	0.43	4.0	38	3
304-N3/P3-044	0.44	4.0	38	3
304-N3/P3-046	0.46	4.0	38	3
304-N3/P3-047	0.47	4.0	38	3
304-N3/P3-048	0.48	4.0	38	3
304-N3/P3-049	0.49	4.0	38	3
304-N3/P3-050	0.5	4.0	38	3
304-N3/P3-051	0.51	4.0	38	3
304-N3/P3-052	0.52	4.0	38	3
304-N3/P3-053	0.53	4.0	38	3
304-N3/P3-054	0.54	4.0	38	3
304-N3/P3-055	0.55	4.0	38	3
304-N3/P3-056	0.56	5.0	38	3
304-N3/P3-057	0.57	5.0	38	3
304-N3/P3-058	0.58	5.0	38	3
304-N3/P3-059	0.59	5.0	38	3
304-N3/P3-060	0.6	6.0	38	3
304-N3/P3-061	0.61	6.0	38	3
304-N3/P3-062	0.62	6.0	38	3
304-N3/P3-063	0.63	6.0	38	3
304-N3/P3-064	0.64	6.0	38	3
304-N3/P3-065	0.65	6.0	38	3
304-N3/P3-066	0.66	6.0	38	3
304-N3/P3-067	0.67	6.0	38	3
304-N3/P3-068	0.68	6.0	38	3
304-N3/P3-069	0.69	6.0	38	3
304-N3/P3-070	0.7	6.0	38	3
304-N3/P3-071	0.71	6.0	38	3
304-N3/P3-072	0.72	6.0	38	3
304-N3/P3-073	0.73	6.0	38	3
304-N3/P3-074	0.74	6.0	38	3
304-N3/P3-075	0.75	6.0	38	3
304-N3/P3-076	0.76	6.0	38	3
304-N3/P3-077	0.77	6.0	38	3
304-N3/P3-078	0.78	6.0	38	3
304-N3/P3-079	0.79	6.0	38	3
304-N3/P3-080	0.8	6.0	38	3
304-N3/P3-081	0.81	6.0	38	3
304-N3/P3-082	0.82	6.0	38	3
304-N3/P3-083	0.83	6.0	38	3
304-N3/P3-084	0.84	6.0	38	3
304-N3/P3-085	0.85	6.0	38	3
304-N3/P3-086	0.86	6.0	38	3
304-N3/P3-087	0.87	6.0	38	3
304-N3/P3-088	0.88	6.0	38	3
304-N3/P3-089	0.89	6.0	38	3
304-N3/P3-090	0.9	6.0	38	3
304-N3/P3-091	0.91	6.0	38	3
304-N3/P3-092	0.92	6.0	38	3
304-N3/P3-093	0.93	6.0	38	3
304-N3/P3-094	0.94	6.0	38	3
304-N3/P3-095	0.95	6.0	38	3
304-N3/P3-096	0.96	6.0	38	3
304-N3/P3-097	0.97	6.0	38	3
304-N3/P3-098	0.98	6.0	38	3
304-N3/P3-099	0.99	6.0	38	3

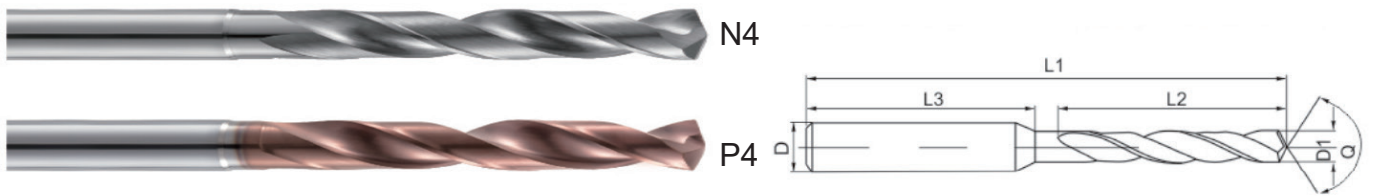
Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N3/P3-100	1	7.0	38	3
304-N3/P3-101	1.01	7.0	38	3
304-N3/P3-102	1.02	7.0	38	3
304-N3/P3-103	1.03	7.0	38	3
304-N3/P3-104	1.04	7.0	38	3
304-N3/P3-105	1.05	7.0	38	3
304-N3/P3-106	1.06	7.0	38	3
304-N3/P3-107	1.07	7.0	38	3
304-N3/P3-108	1.08	7.0	38	3
304-N3/P3-109	1.09	7.0	38	3
304-N3/P3-110	1.1	7.0	38	3
304-N3/P3-111	1.11	7.0	38	3
304-N3/P3-112	1.12	7.0	38	3
304-N3/P3-113	1.13	7.0	38	3
304-N3/P3-114	1.14	7.0	38	3
304-N3/P3-115	1.15	7.0	38	3
304-N3/P3-116	1.16	7.0	38	3
304-N3/P3-117	1.17	7.0	38	3
304-N3/P3-118	1.18	7.0	38	3
304-N3/P3-119	1.19	7.0	38	3
304-N3/P3-120	1.2	7.0	38	3
304-N3/P3-121	1.21	7.0	38	3
304-N3/P3-122	1.22	7.0	38	3
304-N3/P3-123	1.23	7.0	38	3
304-N3/P3-124	1.24	7.0	38	3
304-N3/P3-125	1.25	8.0	38	3
304-N3/P3-126	1.26	8.0	38	3
304-N3/P3-127	1.27	8.0	38	3
304-N3/P3-128	1.28	8.0	38	3
304-N3/P3-129	1.29	8.0	38	3
304-N3/P3-130	1.3	8.0	38	3
304-N3/P3-131	1.31	8.0	38	3
304-N3/P3-132	1.32	8.0	38	3
304-N3/P3-133	1.33	8.0	38	3
304-N3/P3-134	1.34	8.0	38	3
304-N3/P3-135	1.35	8.0	38	3
304-N3/P3-136	1.36	8.0	38	3
304-N3/P3-137	1.37	8.0	38	3
304-N3/P3-138	1.38	8.0	38	3
304-N3/P3-139	1.39	8.0	38	3
304-N3/P3-140	1.4	8.0	38	3
304-N3/P3-141	1.41	8.0	38	3
304-N3/P3-142	1.42	8.0	38	3
304-N3/P3-143	1.43	8.0	38	3
304-N3/P3-144	1.44	8.0	38	3
304-N3/P3-145	1.45	8.0	38	3
304-N3/P3-146	1.46	8.0	38	3
304-N3/P3-147	1.47	8.0	38	3
304-N3/P3-148	1.48	8.0	38	3
304-N3/P3-149	1.49	8.0	38	3
304-N3/P3-150	1.5	8.0	38	3
304-N3/P3-151	1.51	8.0	38	3
304-N3/P3-152	1.52	8.0	38	3
304-N3/P3-153	1.53	8.0	38	3
304-N3/P3-154	1.54	8.0	38	3
304-N3/P3-155	1.55	8.0	38	3
304-N3/P3-156	1.56	8.0	38	3
304-N3/P3-157	1.57	8.0	38	3
304-N3/P3-158	1.58	8.0	38	3
304-N3/P3-159	1.59	8.0	38	3
304-N3/P3-160	1.6	9.0	38	3
304-N3/P3-161	1.61	9.0	38	3
304-N3/P3-162	1.62	9.0	38	3
304-N3/P3-163	1.63	9.0	38	3
304-N3/P3-164	1.64	9.0	38	3
304-N3/P3-165	1.65	9.0	38	3
304-N3/P3-166	1.66	9.0	38	3
304-N3/P3-167	1.67	9.0	38	3
304-N3/P3-168	1.68	9.0	38	3
304-N3/P3-169	1.69	9.0	38	3
304-N3/P3-170	1.7	9.0	38	3
304-N3/P3-171	1.71	9.0	38	3
304-N3/P3-172	1.72	9.0	38	3
304-N3/P3-173	1.73	9.0	38	3
304-N3/P3-174	1.74	9.0	38	3

Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N3/P3-175	1.75	9.0	38	3
304-N3/P3-176	1.76	9.0	38	3
304-N3/P3-177	1.77	9.0	38	3
304-N3/P3-178	1.78	9.0	38	3
304-N3/P3-179	1.79	9.0	38	3
304-N3/P3-180	1.8	10	38	3
304-N3/P3-181	1.81	10	38	3
304-N3/P3-182	1.82	10	38	3
304-N3/P3-183	1.83	10	38	3
304-N3/P3-184	1.84	10	38	3
304-N3/P3-185	1.85	10	38	3
304-N3/P3-186	1.86	10	38	3
304-N3/P3-187	1.87	10	38	3
304-N3/P3-188	1.88	10	38	3
304-N3/P3-189	1.89	10	38	3
304-N3/P3-190	1.9	10	38	3
304-N3/P3-191	1.91	10	38	3
304-N3/P3-192	1.92	10	38	3
304-N3/P3-193	1.93	10	38	3
304-N3/P3-194	1.94	10	38	3
304-N3/P3-195	1.95	10	38	3
304-N3/P3-196	1.96	10	38	3
304-N3/P3-197	1.97	10	38	3
304-N3/P3-198	1.98	10	38	3
304-N3/P3-199	1.99	10	38	3
304-N3/P3-200	2	12	38	3
304-N3/P3-201	2.01	12	38	3
304-N3/P3-202	2.02	12	38	3
304-N3/P3-203	2.03	12	38	3
304-N3/P3-204	2.04	12	38	3
304-N3/P3-205	2.05	12	38	3
304-N3/P3-206	2.06	12	38	3
304-N3/P3-207	2.07	12	38	3
304-N3/P3-208	2.08	12	38	3
304-N3/P3-209	2.09	12	38	3
304-N3/P3-210	2.1	12	38	3
304-N3/P3-211	2.11	12	38	3
304-N3/P3-212	2.12	12	38	3
304-N3/P3-213	2.13	12	38	3
304-N3/P3-214	2.14	12	38	3
304-N3/P3-215	2.15	12	38	3
304-N3/P3-216	2.16	12	38	3
304-N3/P3-217	2.17	12	38	3
304-N3/P3-218	2.18	12	38	3
304-N3/P3-219	2.19	12	38	3
304-N3/P3-220	2.2	12	38	3
304-N3/P3-221	2.21	12	38	3
304-N3/P3-222	2.22	12	38	3
304-N3/P3-223	2.23	12	38	3
304-N3/P3-224	2.24	12	38	3
304-N3/P3-225	2.25	12	38	3
304-N3/P3-226	2.26	12	38	3
304-N3/P3-227	2.27	12	38	3
304-N3/P3-228	2.28	12	38	3
304-N3/P3-229	2.29	12	38	3
304-N3/P3-230	2.3	12	38	3
304-N3/P3-231	2.31	12	38	3
304-N3/P3-232	2.32	12	38	3
304-N3/P3-233	2.33	12	38	3
304-N3/P3-234	2.34	12	38	3
304-N3/P3-235	2.35	12	38	3
304-N3/P3-236	2.36	12	38	3
304-N3/P3-237	2.37	12	38	3

Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N3/P3-238	2.38	12.0	38	3
304-N3/P3-239	2.39	12.0	38	3
304-N3/P3-240	2.40	12.0	38	3
304-N3/P3-241	2.41	12.0	38	3
304-N3/P3-242	2.42	12.0	38	3
304-N3/P3-243	2.43	12	38	3
304-N3/P3-244	2.44	12	38	3
304-N3/P3-245	2.45	12	38	3
304-N3/P3-246	2.46	12	38	3
304-N3/P3-247	2.47	12	38	3
304-N3/P3-248	2.48	12	38	3
304-N3/P3-249	2.49	12	38	3
304-N3/P3-250	2.5	12	38	3
304-N3/P3-251	2.51	12	38	3
304-N3/P3-252	2.52	12	38	3
304-N3/P3-253	2.53	12	38	3
304-N3/P3-254	2.54	12	38	3
304-N3/P3-255	2.55	12	38	3
304-N3/P3-256	2.56	12	38	3
304-N3/P3-257	2.57	12	38	3
304-N3/P3-258	2.58	12	38	3
304-N3/P3-259	2.59	12	38	3
304-N3/P3-260	2.6	12	38	3
304-N3/P3-261	2.61	12	38	3
304-N3/P3-262	2.62	12	38	3
304-N3/P3-263	2.63	12	38	3
304-N3/P3-264	2.64	12	38	3
304-N3/P3-265	2.65	12	38	3
304-N3/P3-266	2.66	12	38	3
304-N3/P3-267	2.67	12	38	3
304-N3/P3-268	2.68	12	38	3
304-N3/P3-269	2.69	12	38	3
304-N3/P3-270	2.7	12	38	3
304-N3/P3-271	2.71	12	38	3
304-N3/P3-272	2.72	12	38	3
304-N3/P3-273	2.73	12	38	3
304-N3/P3-274	2.74	12	38	3
304-N3/P3-275	2.75	12	38	3
304-N3/P3-276	2.76	12	38	3
304-N3/P3-277	2.77	12	38	3
304-N3/P3-278	2.78	12	38	3
304-N3/P3-279	2.79	12	38	3
304-N3/P3-280	2.8	12	38	3
304-N3/P3-281	2.81	12	38	3
304-N3/P3-282	2.82	12	38	3
304-N3/P3-283	2.83	12	38	3
304-N3/P3-284	2.84	12	38	3
304-N3/P3-285	2.85	12	38	3
304-N3/P3-286	2.86	12	38	3
304-N3/P3-287	2.87	12	38	3
304-N3/P3-288	2.88	12	38	3
304-N3/P3-289	2.89	12	38	3
304-N3/P3-290	2.9	12	38	3
304-N3/P3-291	2.91	12	38	3
304-N3/P3-292	2.92	12	38	3
304-N3/P3-293	2.93	12	38	3
304-N3/P3-294	2.94	12	38	3
304-N3/P3-295	2.95	12	38	3
304-N3/P3-296	2.96	12	38	3
304-N3/P3-297	2.97	12	38	3
304-N3/P3-298	2.98	12	38	3
304-N3/P3-299	2.99	12	38	3
304-N3/P3-300	3	12	38	3

TUNGSTEN STEEL DRILL BIT WITH MILLING SHANK 304-N4/P4 EXTENTION SERIES

- N4-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)
- P4-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron.
- CUSTOM:the material to be processed in accordance with different coatings and colors, For more information, refer to ZeTOOL coating list.



Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N4/P4-050A	0.50	10.0	50	4
304-N4/P4-050B	0.50	15.0	50	4
304-N4/P4-060A	0.60	10.0	50	4
304-N4/P4-060B	0.60	15.0	50	4
304-N4/P4-070A	0.70	10.0	50	4
304-N4/P4-070B	0.70	15.0	50	4
304-N4/P4-075	0.75	10.0	50	4
304-N4/P4-080A	0.80	10.0	50	4
304-N4/P4-080B	0.80	15.0	50	4
304-N4/P4-085	0.85	10.0	50	4
304-N4/P4-090A	0.9	10.0	50	4
304-N4/P4-090B	0.9	15.0	50	4
304-N4/P4-095A	0.95	10.0	50	4
304-N4/P4-095B	0.95	15.0	50	4
304-N4/P4-100A	1	10.0	50	4
304-N4/P4-100B	1	12.0	50	4
304-N4/P4-100C	1	15.0	50	4
304-N4/P4-100D	1	20.0	50	4
304-N4/P4-105A	1.05	10.0	50	4
304-N4/P4-105B	1.05	15.0	50	4
304-N4/P4-108A	1.08	10.0	50	4
304-N4/P4-108B	1.08	10.0	50	4
304-N4/P4-110	1.1	15.0	50	4
304-N4/P4-115A	1.15	15.0	50	4
304-N4/P4-115B	1.15	20.0	50	4
304-N4/P4-120A	1.2	12.0	50	4
304-N4/P4-120B	1.2	15.0	50	4
304-N4/P4-125A	1.25	12.0	50	4
304-N4/P4-125B	1.25	15.0	50	4
304-N4/P4-125C	1.25	20.0	50	4
304-N4/P4-130	1.3	15.0	50	4
304-N4/P4-135	1.35	15.0	50	4
304-N4/P4-140	1.4	15.0	50	4
304-N4/P4-145A	1.45	12.0	50	4
304-N4/P4-145B	1.45	15.0	50	4
304-N4/P4-145C	1.45	20.0	50	4
304-N4/P4-150A	1.50	12.0	50	4
304-N4/P4-150B	1.50	15.0	50	4
304-N4/P4-150C	1.50	20.0	50	4
304-N4/P4-160A	1.60	15.0	50	4
304-N4/P4-160B	1.6	20.0	50	4
304-N4/P4-165	1.65	20.0	50	4
304-N4/P4-170A	1.7	15.0	50	4
304-N4/P4-170B	1.7	20.0	50	4
304-N4/P4-175A	1.75	15.0	50	4
304-N4/P4-175B	1.75	20.0	50	4
304-N4/P4-180A	1.8	15.0	50	4
304-N4/P4-180B	1.8	20.0	50	4
304-N4/P4-182	1.82	20.0	50	4
304-N4/P4-185A	1.85	15.0	50	4
304-N4/P4-185B	1.85	20.0	50	4
304-N4/P4-190A	1.90	15.0	50	4
304-N4/P4-190B	1.90	20.0	50	4
304-N4/P4-200A	2.00	15.0	50	4
304-N4/P4-200B	2	20.0	50	4
304-N4/P4-200C	2	25.0	75	4
304-N4/P4-210A	2.1	20.0	50	4

Order NO.	Diameter	Channel length	Full length	Shank diameter
304-N4/P4-210B	2.1	25.0	75	4
304-N4/P4-220A	2.2	20.0	50	4
304-N4/P4-220B	2.2	25.0	75	4
304-N4/P4-230A	2.3	20.0	50	4
304-N4/P4-230B	2.3	25	75	4
304-N4/P4-240A	2.4	20	50	4
304-N4/P4-240B	2.4	25	75	4
304-N4/P4-250A	2.5	20	50	4
304-N4/P4-250B	2.5	25	75	4
304-N4/P4-250C	2.5	30	75	4
304-N4/P4-260A	2.6	20	50	4
304-N4/P4-260B	2.6	30	75	4
304-N4/P4-270A	2.7	20	50	4
304-N4/P4-270B	2.7	30	75	4
304-N4/P4-275A	2.75	20.0	50	4
304-N4/P4-275B	2.75	30.0	75	4
304-N4/P4-280A	2.8	20.0	50	4
304-N4/P4-280B	2.8	30.0	75	4
304-N4/P4-290A	2.9	20.0	50	4
304-N4/P4-290B	2.9	30.0	75	4
304-N4/P4-300A	3	20.0	50	4
304-N4/P4-300B	3	30.0	75	4
304-N4/P4-300C	3	40.0	75	4
304-N4/P4-310	3.1	33.0	75	4
304-N4/P4-320	3.2	33.0	75	4
304-N4/P4-330	3.3	36.0	75	4
304-N4/P4-340	3.4	36.0	75	4
304-N4/P4-350	3.5	36.0	75	4
304-N4/P4-360	3.6	40.0	75	4
304-N4/P4-370	3.7	40.0	75	4
304-N4/P4-380	3.8	40.0	75	4
304-N4/P4-390	3.9	40.0	75	4
304-N4/P4-400A	4	30.0	75	4
304-N4/P4-400B	4	40.0	75	4
304-N4/P4-401C	4	50.0	100	4
304-N4/P4-410	4.1	45.0	100	6
304-N4/P4-420	4.2	45.0	100	6
304-N4/P4-430	4.3	45.0	100	6
304-N4/P4-440	4.4	45.0	100	6
304-N4/P4-450	4.5	50.0	100	6
304-N4/P4-460	4.6	50.0	100	6
304-N4/P4-470	4.7	50.0	100	6
304-N4/P4-480	4.8	50.0	100	6
304-N4/P4-490	4.9	50.0	100	6
304-N4/P4-500A	5	40.0	100	6
304-N4/P4-500B	5	50.0	100	6
304-N4/P4-510	5.1	50.0	100	6
304-N4/P4-520	5.2	50.0	100	6
304-N4/P4-530	5.3	50.0	100	6
304-N4/P4-540	5.4	50.0	100	6
304-N4/P4-550	5.5	50.0	100	6
304-N4/P4-560	5.6	50.0	100	6
304-N4/P4-570	5.7	50.0	100	6
304-N4/P4-580	5.8	50.0	100	6
304-N4/P4-590	5.9	50.0	100	6
304-N4/P4-600A	6	50.0	100	6
304-N4/P4-600B	6	60.0	100	6