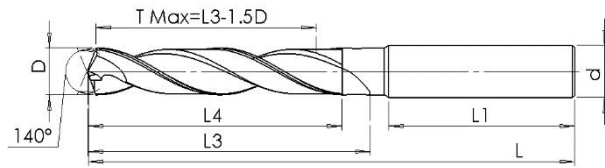




GTD-03NA--3D external cooling twist drills for general machining



Tmax- Recommended Maximum Depth

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-0300-03NA	3.00	62	36	20	6	●
GTD-0310-03NA	3.10	62	36	20	6	○
GTD-0320-03NA	3.20	62	36	20	6	○
GTD-0330-03NA	3.30	62	36	20	6	●
GTD-0340-03NA	3.40	62	36	20	6	●
GTD-0350-03NA	3.50	62	36	20	6	●
GTD-0360-03NA	3.60	62	36	20	6	○
GTD-0370-03NA	3.70	62	36	20	6	●
GTD-0380-03NA	3.80	66	36	24	6	○
GTD-0390-03NA	3.90	66	36	24	6	○
GTD-0400-03NA	4.00	66	36	24	6	●
GTD-0410-03NA	4.10	66	36	24	6	●
GTD-0420-03NA	4.20	66	36	24	6	●
GTD-0430-03NA	4.30	66	36	24	6	●
GTD-0440-03NA	4.40	66	36	24	6	○
GTD-0450-03NA	4.50	66	36	24	6	●
GTD-0460-03NA	4.60	66	36	24	6	○
GTD-0470-03NA	4.70	66	36	24	6	○
GTD-0480-03NA	4.80	66	36	28	6	○
GTD-0490-03NA	4.90	66	36	28	6	○
GTD-0500-03NA	5.00	66	36	28	6	●
GTD-0510-03NA	5.10	66	36	28	6	●
GTD-0520-03NA	5.20	66	36	28	6	●
GTD-0530-03NA	5.30	66	36	28	6	○

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-0540-03NA	5.40	66	36	28	6	○
GTD-0550-03NA	5.50	66	36	28	6	○
GTD-0560-03NA	5.60	66	36	28	6	○
GTD-0570-03NA	5.70	66	36	28	6	○
GTD-0580-03NA	5.80	66	36	28	6	●
GTD-0590-03NA	5.90	66	36	28	6	○
GTD-0600-03NA	6.00	66	36	28	6	●
GTD-0610-03NA	6.10	79	36	34	8	●
GTD-0620-03NA	6.20	79	36	34	8	○
GTD-0630-03NA	6.30	79	36	34	8	○
GTD-0640-03NA	6.40	79	36	34	8	○
GTD-0650-03NA	6.50	79	36	34	8	○
GTD-0660-03NA	6.60	79	36	34	8	●
GTD-0670-03NA	6.70	79	36	34	8	○
GTD-0680-03NA	6.80	79	36	34	8	●
GTD-0690-03NA	6.90	79	36	34	8	○
GTD-0700-03NA	7.00	79	36	34	8	●
GTD-0710-03NA	7.10	79	36	41	8	○
GTD-0720-03NA	7.20	79	36	41	8	○
GTD-0730-03NA	7.30	79	36	41	8	○
GTD-0740-03NA	7.40	79	36	41	8	○
GTD-0750-03NA	7.50	79	36	41	8	○
GTD-0760-03NA	7.60	79	36	41	8	○
GTD-0770-03NA	7.70	79	36	41	8	○
GTD-0780-03NA	7.80	79	36	41	8	○
GTD-0790-03NA	7.90	79	36	41	8	○
GTD-0800-03NA	8.00	79	36	41	8	●
GTD-0810-03NA	8.10	89	40	47	10	○
GTD-0820-03NA	8.20	89	40	47	10	○
GTD-0830-03NA	8.30	89	40	47	10	○
GTD-0840-03NA	8.40	89	40	47	10	○
GTD-0850-03NA	8.50	89	40	47	10	☉●
GTD-0860-03NA	8.60	89	40	47	10	☉●

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-0870-03NA	8.70	89	40	47	10	○
GTD-0880-03NA	8.80	89	40	47	10	○
GTD-0890-03NA	8.90	89	40	47	10	○
GTD-0900-03NA	9.00	89	40	47	10	●
GTD-0910-03NA	9.10	89	40	47	10	○
GTD-0920-03NA	9.20	89	40	47	10	○
GTD-0930-03NA	9.30	89	40	47	10	○
GTD-0940-03NA	9.40	89	40	47	10	●
GTD-0950-03NA	9.50	89	40	47	10	○
GTD-0960-03NA	9.60	89	40	47	10	○
GTD-0970-03NA	9.70	89	40	47	10	●
GTD-0980-03NA	9.80	89	40	47	10	○
GTD-0990-03NA	9.90	89	40	47	10	○
GTD-1000-03NA	10.00	89	40	47	10	●
GTD-1010-03NA	10.10	102	45	55	12	○
GTD-1020-03NA	10.20	102	45	55	12	○
GTD-1030-03NA	10.30	102	45	55	12	●
GTD-1040-03NA	10.40	102	45	55	12	○
GTD-1050-03NA	10.50	102	45	55	12	●
GTD-1060-03NA	10.60	102	45	55	12	○
GTD-1070-03NA	10.70	102	45	55	12	○
GTD-1080-03NA	10.80	102	45	55	12	●
GTD-1090-03NA	10.90	102	45	55	12	○
GTD-1100-03NA	11.00	102	45	55	12	●
GTD-1110-03NA	11.10	102	45	55	12	○
GTD-1120-03NA	11.20	102	45	55	12	○
GTD-1130-03NA	11.30	102	45	55	12	○
GTD-1140-03NA	11.40	102	45	55	12	○
GTD-1150-03NA	11.50	102	45	55	12	○
GTD-1160-03NA	11.60	102	45	55	12	○
GTD-1170-03NA	11.70	102	45	55	12	○
GTD-1180-03NA	11.80	102	45	55	12	○
GTD-1190-03NA	11.90	102	45	55	12	○

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-1200-03NA	12.00	102	45	55	12	●
GTD-1210-03NA	12.10	107	45	60	14	○
GTD-1220-03NA	12.20	107	45	60	14	○
GTD-1230-03NA	12.30	107	45	60	14	○
GTD-1240-03NA	12.40	107	45	60	14	○
GTD-1250-03NA	12.50	107	45	60	14	●
GTD-1260-03NA	12.60	107	45	60	14	○
GTD-1270-03NA	12.70	107	45	60	14	○
GTD-1280-03NA	12.80	107	45	60	14	○
GTD-1290-03NA	12.90	107	45	60	14	○
GTD-1300-03NA	13.00	107	45	60	14	●
GTD-1310-03NA	13.10	107	45	60	14	○
GTD-1320-03NA	13.20	107	45	60	14	○
GTD-1330-03NA	13.30	107	45	60	14	○
GTD-1340-03NA	13.40	107	45	60	14	○
GTD-1350-03NA	13.50	107	45	60	14	○
GTD-1360-03NA	13.60	107	45	60	14	○
GTD-1370-03NA	13.70	107	45	60	14	○
GTD-1380-03NA	13.80	107	45	60	14	○
GTD-1390-03NA	13.90	107	45	60	14	○
GTD-1400-03NA	14.00	107	45	60	14	●
GTD-1410-03NA	14.10	115	48	65	16	○
GTD-1420-03NA	14.20	115	48	65	16	○
GTD-1430-03NA	14.30	115	48	65	16	○
GTD-1440-03NA	14.40	115	48	65	16	○
GTD-1450-03NA	14.50	115	48	65	16	○
GTD-1460-03NA	14.60	115	48	65	16	○
GTD-1470-03NA	14.70	115	48	65	16	○
GTD-1480-03NA	14.80	115	48	65	16	○
GTD-1490-03NA	14.90	115	48	65	16	○
GTD-1500-03NA	15.00	115	48	65	16	○
GTD-1510-03NA	15.10	115	48	65	16	○
GTD-1520-03NA	15.20	115	48	65	16	○

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-1530-03NA	15.30	115	48	65	16	●
GTD-1540-03NA	15.40	115	48	65	16	○
GTD-1550-03NA	15.50	115	48	65	16	○
GTD-1560-03NA	15.60	115	48	65	16	○
GTD-1570-03NA	15.70	115	48	65	16	○
GTD-1580-03NA	15.80	115	48	65	16	○
GTD-1590-03NA	15.90	115	48	65	16	○
GTD-1600-03NA	16.00	115	48	65	16	○
GTD-1610-03NA	16.10	123	48	73	18	○
GTD-1620-03NA	16.20	123	48	73	18	○
GTD-1630-03NA	16.30	123	48	73	18	○
GTD-1640-03NA	16.40	123	48	73	18	○
GTD-1650-03NA	16.50	123	48	73	18	○
GTD-1660-03NA	16.60	123	48	73	18	○
GTD-1670-03NA	16.70	123	48	73	18	○
GTD-1680-03NA	16.80	123	48	73	18	○
GTD-1690-03NA	16.90	123	48	73	18	○
GTD-1700-03NA	17.00	123	48	73	18	○
GTD-1710-03NA	17.10	123	48	73	18	○
GTD-1720-03NA	17.20	123	48	73	18	○
GTD-1730-03NA	17.30	123	48	73	18	○
GTD-1740-03NA	17.40	123	48	73	18	○
GTD-1750-03NA	17.50	123	48	73	18	○
GTD-1760-03NA	17.60	123	48	73	18	○
GTD-1770-03NA	17.70	123	48	73	18	○
GTD-1780-03NA	17.80	123	48	73	18	○
GTD-1790-03NA	17.90	123	48	73	18	○
GTD-1800-03NA	18.00	123	48	73	18	○
GTD-1810-03NA	18.10	131	50	79	20	○
GTD-1820-03NA	18.20	131	50	79	20	○
GTD-1830-03NA	18.30	131	50	79	20	○
GTD-1840-03NA	18.40	131	50	79	20	○
GTD-1850-03NA	18.50	131	50	79	20	○

Ordering Code	Dia.(D)	Total length (L)	Shank length (L1)	Groove length (L3)	Shank dia. (h6)	stock
GTD-1860-03NA	18.60	131	50	79	20	○
GTD-1870-03NA	18.70	131	50	79	20	○
GTD-1880-03NA	18.80	131	50	79	20	○
GTD-1890-03NA	18.90	131	50	79	20	○
GTD-1900-03NA	19.00	131	50	79	20	○
GTD-1910-03NA	19.10	131	50	79	20	○
GTD-1920-03NA	19.20	131	50	79	20	○
GTD-1930-03NA	19.30	131	50	79	20	○
GTD-1940-03NA	19.40	131	50	79	20	○
GTD-1950-03NA	19.50	131	50	79	20	○
GTD-1960-03NA	19.60	131	50	79	20	○
GTD-1970-03NA	19.70	131	50	79	20	○
GTD-1980-03NA	19.80	131	50	79	20	○
GTD-1990-03NA	19.90	131	50	79	20	○
GTD-2000-03NA	20.00	131	50	79	20	○

Note: accept non-standard customization from D3 to D20.

Nominal size range	D (m7)	d (h6)
>3—6	+0.004/+0.016	0.000/-0.008
>6—10	+0.006/+0.021	0.000/-0.009
>10—18	+0.007/+0.025	0.000/-0.011
>18—20	+0.008/+0.029	0.000/-0.013

unit (mm)