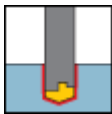
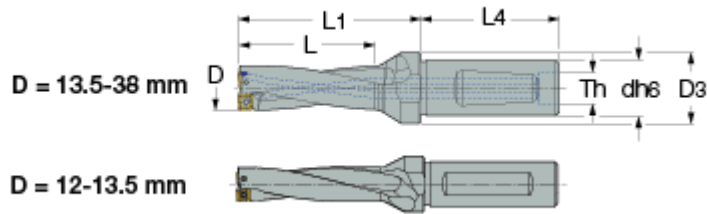




DR-3D-N (12-38 mm 3xD) : DR-TWIST indexable square insert drills with coolant holes. Drilling depth 3xD.



Designation	D	D max	L	L1	L4	d	D3	Th
DR120-036-16-04-3D-N	12.00	12.40	36.0	54.0	48.0	16.00	20.00	-
DR125-038-16-04-3D-N	12.50	12.90	38.0	55.5	48.0	16.00	20.00	-
DR130-039-16-04-3D-N	13.00	13.40	39.0	57.0	48.0	16.00	20.00	-
DR135-041-16-04-3D-N	13.50	13.90	41.0	58.5	48.0	16.00	20.00	-
DR140-042-20-05-3D-N	14.00	16.80	42.0	60.0	50.0	20.00	25.00	G1/4"
DR145-044-20-05-3D-N	14.50	17.10	43.5	61.5	50.0	20.00	25.00	G1/4"
DR150-045-20-05-3D-N	15.00	17.40	45.0	63.0	50.0	20.00	25.00	G1/4"
DR155-047-20-05-3D-N	15.50	17.60	46.5	64.5	50.0	20.00	25.00	G1/4"
DR160-048-20-05-3D-N	16.00	17.80	48.0	66.0	50.0	20.00	25.00	G1/4"
DR165-050-20-05-3D-N	16.50	18.10	49.5	67.5	50.0	20.00	25.00	G1/4"
DR170-051-20-05-3D-N	17.00	18.30	51.0	69.0	50.0	20.00	25.00	G1/4"
DR175-053-20-05-3D-N	17.50	18.50	52.5	70.5	50.0	20.00	25.00	G1/4"
DR180-054-25-06-3D-N	18.00	20.30	54.0	74.0	56.0	25.00	32.00	G3/8"
DR185-056-25-06-3D-N	18.50	20.50	55.5	75.5	56.0	25.00	32.00	G3/8"
DR190-057-25-06-3D-N	19.00	20.80	57.0	77.0	56.0	25.00	32.00	G3/8"
DR195-059-25-06-3D-N	19.50	21.00	58.5	78.5	56.0	25.00	32.00	G3/8"
DR200-060-25-06-3D-N	20.00	21.30	60.0	80.0	56.0	25.00	32.00	G3/8"
DR205-062-25-06-3D-N	20.50	21.60	61.5	81.5	56.0	25.00	32.00	G3/8"
DR210-063-25-07-3D-N	21.00	24.50	63.0	83.0	56.0	25.00	32.00	G3/8"
DR215-065-25-07-3D-N	21.50	24.70	64.5	84.5	56.0	25.00	32.00	G3/8"
DR220-066-25-07-3D-N	22.00	25.00	66.0	86.0	56.0	25.00	32.00	G3/8"
DR225-068-25-07-3D-N	22.50	25.20	67.5	87.5	56.0	25.00	32.00	G3/8"
DR230-069-25-07-3D-N	23.00	25.50	69.0	89.0	56.0	25.00	32.00	G3/8"
DR235-071-25-07-3D-N	23.50	25.70	70.5	90.5	56.0	25.00	32.00	G3/8"
DR240-072-25-07-3D-N	24.00	26.00	72.0	92.0	56.0	25.00	32.00	G3/8"
DR025-075-32-09-3D-N	25.00	29.50	75.0	107.0	58.0	32.00	42.00	G1/2"
DR026-078-32-09-3D-N	26.00	30.00	78.0	110.0	58.0	32.00	42.00	G1/2"
DR027-081-32-09-3D-N	27.00	30.50	81.0	113.0	58.0	32.00	42.00	G1/2"
DR028-084-32-09-3D-N	28.00	31.00	84.0	116.0	58.0	32.00	42.00	G1/2"
DR029-087-32-09-3D-N	29.00	31.50	87.0	119.0	58.0	32.00	42.00	G1/2"
DR030-090-32-09-3D-N	30.00	32.00	90.0	122.0	58.0	32.00	42.00	G1/2"
DR031-093-32-09-3D-N	31.00	32.50	93.0	125.0	58.0	32.00	42.00	G1/2"
DR032-096-32-09-3D-N	32.00	33.00	96.0	128.0	58.0	32.00	42.00	G1/2"
DR033-099-32-09-3D-N	33.00	34.00	99.0	131.0	58.0	32.00	42.00	G1/2"
DR034-102-32-09-3D-N	34.00	34.50	102.0	134.0	58.0	32.00	42.00	G1/2"
DR035-105-32-12-3D-N	35.00	40.50	105.0	141.0	58.0	32.00	50.00	G1/2-14

DR036-108-32-12-3D-N	36.00	41.00	108.0	144.0	58.0	32.00	50.00	G1/2-14
DR037-111-32-12-3D-N	37.00	41.50	111.0	147.0	58.0	32.00	50.00	G1/2-14
DR038-114-32-12-3D-N	38.00	42.00	114.0	150.0	58.0	32.00	50.00	G1/2-14

Hole tolerance: $D+0.15/-0.05$ in average conditions. However, it can be higher or lower according to machine and tooling conditions.