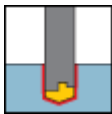
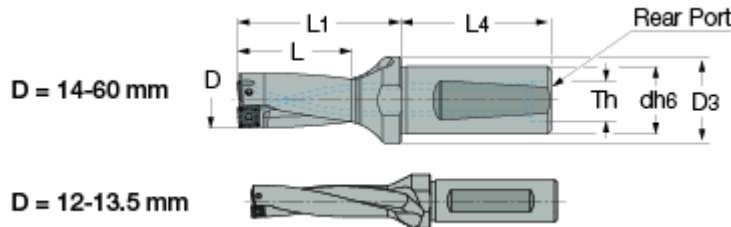


DR-4D-N (12-60 mm 4xD) : DR-TWIST indexable square insert drills with coolant holes. Drilling depth 4xD.



Designation	D	D max	L	L1	L4	d	D3	Th
DR120-048-16-04-4D-N	12.00	12.40	48.0	66.0	48.0	16.00	20.00	-
DR125-050-16-04-4D-N	12.50	12.90	50.0	68.0	48.0	16.00	20.00	-
DR130-052-16-04-4D-N	13.00	13.40	52.0	70.0	48.0	16.00	20.00	-
DR135-054-16-04-4D-N	13.50	13.90	54.0	72.0	48.0	16.00	20.00	-
DR140-056-20-05-4D-N	14.00	16.80	56.0	74.0	50.0	20.00	25.00	G1/4"
DR145-058-20-05-4D-N	14.50	17.10	58.0	76.0	50.0	20.00	25.00	G1/4"
DR150-060-20-05-4D-N	15.00	17.40	60.0	78.0	50.0	20.00	25.00	G1/4"
DR155-062-20-05-4D-N	15.50	17.60	62.0	80.0	50.0	20.00	25.00	G1/4"
DR160-064-20-05-4D-N	16.00	17.80	64.0	82.0	50.0	20.00	25.00	G1/4"
DR165-066-20-05-4D-N	16.50	18.10	66.0	84.0	50.0	20.00	25.00	G1/4"
DR170-068-20-05-4D-N	17.00	18.30	68.0	86.0	50.0	20.00	25.00	G1/4"
DR175-070-20-05-4D-N	17.50	18.50	70.0	88.0	50.0	20.00	25.00	G1/4"
DR180-072-25-06-4D-N	18.00	20.30	72.0	92.0	56.0	25.00	32.00	G3/8"
DR185-074-25-06-4D-N	18.50	20.50	74.0	94.0	56.0	25.00	32.00	G3/8"
DR190-076-25-06-4D-N	19.00	20.80	76.0	96.0	56.0	25.00	32.00	G3/8"
DR195-078-25-06-4D-N	19.50	21.00	78.0	98.0	56.0	25.00	32.00	G3/8"
DR200-080-25-06-4D-N	20.00	21.30	80.0	100.0	56.0	25.00	32.00	G3/8"
DR205-082-25-06-4D-N	20.50	21.60	82.0	102.0	56.0	25.00	32.00	G3/8"
DR210-084-25-07-4D-N	21.00	24.50	84.0	104.0	56.0	25.00	32.00	G3/8"
DR215-086-25-07-4D-N	21.50	24.70	86.0	106.0	56.0	25.00	32.00	G3/8"
DR220-088-25-07-4D-N	22.00	25.00	88.0	108.0	56.0	25.00	32.00	G3/8"
DR225-090-25-07-4D-N	22.50	25.20	90.0	110.0	56.0	25.00	32.00	G3/8"
DR230-092-25-07-4D-N	23.00	25.50	92.0	112.0	56.0	25.00	32.00	G3/8"
DR235-094-25-07-4D-N	23.50	25.70	94.0	114.0	56.0	25.00	32.00	G3/8"
DR240-096-25-07-4D-N	24.00	26.00	96.0	116.0	56.0	25.00	32.00	G3/8"
DR025-100-32-09-4D-N	25.00	29.50	100.0	132.0	58.0	32.00	42.00	G1/2"
DR026-104-32-09-4D-N	26.00	30.00	104.0	136.0	58.0	32.00	42.00	G1/2"
DR027-108-32-09-4D-N	27.00	30.50	108.0	140.0	58.0	32.00	42.00	G1/2"
DR028-112-32-09-4D-N	28.00	31.00	112.0	144.0	58.0	32.00	42.00	G1/2"
DR029-116-32-09-4D-N	29.00	31.50	116.0	148.0	58.0	32.00	42.00	G1/2"
DR030-120-32-09-4D-N	30.00	32.00	120.0	152.0	58.0	32.00	42.00	G1/2"
DR031-124-32-09-4D-N	31.00	32.50	124.0	156.0	58.0	32.00	42.00	G1/2"
DR032-128-32-09-4D-N	32.00	33.00	128.0	160.0	58.0	32.00	42.00	G1/2"
DR033-132-32-09-4D-N	33.00	34.00	132.0	164.0	58.0	32.00	42.00	G1/2"
DR034-136-32-09-4D-N	34.00	34.50	136.0	168.0	58.0	32.00	42.00	G1/2"
DR035-140-32-12-4D-N	35.00	40.50	140.0	176.0	58.0	32.00	50.00	G 1/2"-14

DR036-144-32-12-4D-N	36.00	41.00	144.0	180.0	58.0	32.00	50.00	G 1/2"-14
DR037-148-32-12-4D-N	37.00	41.50	148.0	184.0	58.0	32.00	50.00	G 1/2"-14
DR038-152-32-12-4D-N	38.00	42.00	152.0	188.0	58.0	32.00	50.00	G 1/2"-14
DR039-156-32-12-4D-N	39.00	42.50	156.0	192.0	58.0	32.00	50.00	G 1/2"-14
DR040-160-40-12-4D-N	40.00	43.00	160.0	196.0	68.0	40.00	50.00	G 3/4"-14
DR041-164-40-12-4D-N	41.00	43.50	164.0	200.0	68.0	40.00	50.00	G 3/4"-14
DR042-168-40-12-4D-N	42.00	44.00	168.0	204.0	68.0	40.00	50.00	G 3/4"-14
DR043-172-40-12-4D-N	43.00	44.50	172.0	208.0	68.0	40.00	50.00	G 3/4"-14
DR044-176-40-12-4D-N	44.00	45.00	176.0	212.0	68.0	40.00	50.00	G 3/4"-14
DR045-180-40-16-4D-N	45.00	51.00	180.0	215.0	68.0	40.00	60.00	G 3/4"-14
DR046-184-40-16-4D-N	46.00	51.50	184.0	219.0	68.0	40.00	60.00	G 3/4"-14
DR047-188-40-16-4D-N	47.00	52.00	188.0	223.0	68.0	40.00	60.00	G 3/4"-14
DR048-192-40-16-4D-N	48.00	52.50	192.0	227.0	68.0	40.00	60.00	G 3/4"-14
DR049-196-40-16-4D-N	49.00	53.00	196.0	231.0	68.0	40.00	60.00	G 3/4"-14
DR050-200-40-16-4D-N	50.00	51.00	200.0	235.0	68.0	40.00	60.00	G 3/4"-14
DR051-204-40-16-4D-N	51.00	54.50	204.0	239.0	68.0	40.00	60.00	G 3/4"-14
DR052-208-40-16-4D-N	52.00	55.00	208.0	243.0	68.0	40.00	60.00	G 3/4"-14
DR053-212-40-16-4D-N	53.00	55.50	212.0	247.0	68.0	40.00	60.00	G 3/4"-14
DR054-216-40-16-4D-N	54.00	56.00	216.0	251.0	68.0	40.00	60.00	G 3/4"-14
DR055-220-40-16-4D-N	55.00	56.50	220.0	255.0	68.0	40.00	60.00	G 3/4"-14
DR056-224-40-16-4D-N	56.00	57.00	224.0	259.0	68.0	40.00	60.00	G 3/4"-14
DR057-228-40-16-4D-N	57.00	57.50	228.0	263.0	68.0	40.00	60.00	G 3/4"-14
DR058-232-40-16-4D-N	58.00	58.00	232.0	267.0	68.0	40.00	60.00	G 3/4"-14
DR059-236-40-16-4D-N	59.00	59.00	236.0	271.0	68.0	40.00	60.00	G 3/4"-14
DR060-240-40-16-4D-N	60.00	60.00	240.0	275.0	68.0	40.00	60.00	G 3/4"-14

Hole tolerance: D+0.20/-0.05 in average conditions. However, it can be higher or lower according to machine and tooling conditions.