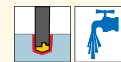
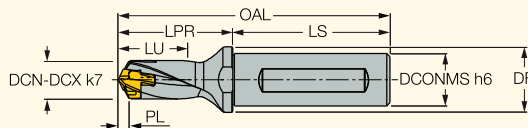



**DCN A-1.5D**

Exchangeable Head Drills with Coolant Holes and One Flat Shank, Drilling Depth 1.5xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-009-12A-1.5D	6.00	6.40	12.00	16.00	9.96	23.0	0.960	45.0	68.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-010-12A-1.5D	6.50	6.90	12.00	16.00	10.93	24.1	1.180	45.0	69.10	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-011-12A-1.5D	7.00	7.40	12.00	16.00	11.51	25.1	1.010	45.0	70.10	7.0	ICP 070	K DCN 6-9.99
DCN 075-011-12A-1.5D	7.50	7.90	12.00	16.00	12.35	25.9	1.100	45.0	70.90	7.0	ICP 075	K DCN 6-9.99
DCN 080-012-12A-1.5D	8.00	8.40	12.00	16.00	13.20	27.9	1.200	45.0	72.90	8.0	ICP 080	K DCN 6-9.99
DCN 085-013-12A-1.5D	8.50	8.90	12.00	16.00	14.04	28.2	1.290	45.0	73.20	8.0	ICP 085	K DCN 6-9.99
DCN 090-014-12A-1.5D	9.00	9.40	12.00	16.00	14.85	29.3	1.350	45.0	74.30	9.0	ICP 090	K DCN 6-9.99
DCN 095-014-12A-1.5D	9.50	9.90	12.00	16.00	15.69	30.1	1.440	45.0	75.10	9.0	ICP 095	K DCN 6-9.99
DCN 100-015-16A-1.5D	10.00	10.40	16.00	20.00	16.50	31.2	1.500	48.0	79.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-016-16A-1.5D	10.50	10.90	16.00	20.00	17.34	32.0	1.590	48.0	80.00	10.0	ICP 105	K DCN 10-13.99
DCN 110-017-16A-1.5D	11.00	11.40	16.00	20.00	18.17	33.1	1.670	48.0	81.10	11.0	ICP 110	K DCN 10-13.99
DCN 115-017-16A-1.5D	11.50	11.90	16.00	20.00	19.01	33.9	1.760	48.0	81.90	11.0	ICP 115	K DCN 10-13.99
DCN 120-018-16A-1.5D	12.00	12.40	16.00	20.00	19.82	35.0	1.820	48.0	83.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-019-16A-1.5D	12.50	12.90	16.00	20.00	20.66	35.8	1.910	48.0	83.80	12.0	ICP 125	K DCN 10-13.99
DCN 130-020-16A-1.5D	13.00	13.40	16.00	20.00	21.46	37.1	1.960	48.0	85.10	13.0	ICP 130	K DCN 10-13.99
DCN 135-020-16A-1.5D	13.50	13.90	16.00	20.00	22.30	37.9	2.050	48.0	85.90	13.0	ICP 135	K DCN 10-13.99
DCN 140-021-16A-1.5D	14.00	14.40	16.00	20.00	23.12	41.1	2.120	48.0	89.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-022-16A-1.5D	14.50	14.90	16.00	20.00	23.96	41.9	2.210	48.0	89.90	14.0	ICP 145	K DCN 14-17.99
DCN 150-023-20A-1.5D	15.00	15.90	20.00	25.00	24.77	46.2	2.270	50.0	96.20	15.0	ICP 150	K DCN 14-17.99
DCN 160-024-20A-1.5D	16.00	16.90	20.00	25.00	26.42	49.3	2.420	50.0	99.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-026-20A-1.5D	17.00	17.90	20.00	25.00	28.09	52.4	2.590	50.0	102.40	17.0	ICP 170	K DCN 14-17.99
DCN 180-027-25A-1.5D	18.00	18.90	25.00	32.00	29.73	55.5	2.730	56.0	111.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-029-25A-1.5D	19.00	19.90	25.00	32.00	31.38	58.5	2.880	56.0	114.50	19.0	ICP 190	K DCN 18-21.99
DCN 200-030-25A-1.5D	20.00	20.90	25.00	32.00	33.02	61.6	3.020	56.0	117.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-032-25A-1.5D	21.00	21.90	25.00	32.00	34.68	64.7	3.180	56.0	120.70	21.0	ICP 210	K DCN 18-21.99
DCN 220-033-25A-1.5D	22.00	22.90	25.00	32.00	36.32	67.8	3.320	56.0	123.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-035-32A-1.5D	23.00	23.90	32.00	42.00	37.96	70.9	3.460	60.0	130.90	23.0	ICP 230	K DCN 22-26.99
DCN 240-036-32A-1.5D	24.00	24.90	32.00	42.00	39.62	73.9	3.620	60.0	133.90	24.0	ICP 240	K DCN 22-26.99
DCN 250-038-32A-1.5D	25.00	25.90	32.00	42.00	41.30	77.0	3.800	60.0	137.00	25.0	ICP 250	K DCN 22-26.99
DCN 260-039-32A-1.5D	26.00	26.90	32.00	42.00	42.95	80.1	3.950	60.0	140.10	26.0	ICP 260	K DCN 22-26.99
DCN 270-041-32A-1.5D	27.00	27.90	32.00	42.00	44.60	83.1	4.100	60.0	151.10	27.0	ICP 270	K DCN 27-32.99
DCN 280-042-32A-1.5D	28.00	28.90	32.00	42.00	46.25	86.2	4.250	60.0	146.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-044-32A-1.5D	29.00	29.90	32.00	42.00	47.93	89.3	4.430	60.0	149.30	29.0	ICP 290	K DCN 27-32.99
DCN 300-045-32A-1.5D	30.00	30.90	32.00	42.00	49.59	92.4	4.590	60.0	152.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-047-32A-1.5D	31.00	31.90	32.00	42.00	51.26	95.5	4.760	60.0	155.50	31.0	ICP 310	K DCN 27-32.99
DCN 320-048-32A-1.5D	32.00	32.90	32.00	42.00	52.86	98.5	4.860	60.0	158.50	32.0	ICP 320	K DCN 27-32.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

(1) Cutting diameter minimum

(2) Cutting diameter maximum

(3) Seat size code

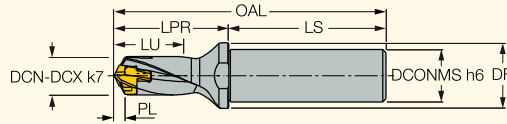
(4) Master insert identification

For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-Q (47) • FCP (52) • ICG (57)



**DCN R-1.5D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 1.5xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-009-12R-1.5D	6.00	6.40	12.00	16.00	9.96	23.0	0.960	45.0	68.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-010-12R-1.5D	6.50	6.90	12.00	16.00	10.78	24.1	1.030	45.0	69.10	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-011-12R-1.5D	7.00	7.40	12.00	16.00	11.51	25.1	1.010	45.0	70.10	7.0	ICP 070	K DCN 6-9.99
DCN 075-011-12R-1.5D	7.50	7.90	12.00	16.00	12.35	25.9	1.100	45.0	70.90	7.0	ICP 075	K DCN 6-9.99
DCN 080-012-12R-1.5D	8.00	8.40	12.00	16.00	13.20	27.9	1.200	45.0	72.90	8.0	ICP 080	K DCN 6-9.99
DCN 085-013-12R-1.5D	8.50	8.90	12.00	16.00	14.04	28.2	1.290	45.0	73.20	8.0	ICP 085	K DCN 6-9.99
DCN 090-014-12R-1.5D	9.00	9.40	12.00	16.00	14.85	29.3	1.350	45.0	74.30	9.0	ICP 090	K DCN 6-9.99
DCN 095-014-12R-1.5D	9.50	9.90	12.00	16.00	15.69	30.1	1.440	45.0	75.10	9.0	ICP 095	K DCN 6-9.99
DCN 100-015-16R-1.5D	10.00	10.40	16.00	20.00	16.50	31.2	1.500	48.0	79.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-016-16R-1.5D	10.50	10.90	16.00	20.00	17.27	32.0	1.520	48.0	80.00	10.0	ICP 105	K DCN 10-13.99
DCN 110-017-16R-1.5D	11.00	11.40	16.00	20.00	18.17	33.1	1.670	48.0	81.10	11.0	ICP 110	K DCN 10-13.99
DCN 115-017-16R-1.5D	11.50	11.90	16.00	20.00	19.01	33.9	1.760	48.0	81.90	11.0	ICP 115	K DCN 10-13.99
DCN 120-018-16R-1.5D	12.00	12.40	16.00	20.00	19.82	35.0	1.820	48.0	83.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-019-16R-1.5D	12.50	12.90	16.00	20.00	20.66	35.8	1.910	48.0	83.80	12.0	ICP 125	K DCN 10-13.99
DCN 130-020-16R-1.5D	13.00	13.40	16.00	20.00	21.46	37.1	1.960	48.0	85.10	13.0	ICP 130	K DCN 10-13.99
DCN 135-020-16R-1.5D	13.50	13.90	16.00	20.00	22.30	37.9	2.050	48.0	85.90	13.0	ICP 135	K DCN 10-13.99
DCN 140-021-16R-1.5D	14.00	14.40	16.00	20.00	23.12	41.1	2.120	48.0	89.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-022-16R-1.5D	14.50	14.90	16.00	20.00	23.96	41.9	2.210	48.0	89.90	14.0	ICP 145	K DCN 14-17.99
DCN 150-023-20R-1.5D	15.00	15.90	20.00	25.00	24.77	46.2	2.270	50.0	96.20	15.0	ICP 150	K DCN 14-17.99
DCN 160-024-20R-1.5D	16.00	16.90	20.00	25.00	26.42	49.3	2.420	50.0	99.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-026-20R-1.5D	17.00	17.90	20.00	25.00	28.09	52.4	2.590	50.0	102.40	17.0	ICP 170	K DCN 14-17.99
DCN 180-027-25R-1.5D	18.00	18.90	25.00	32.00	29.73	55.5	2.730	56.0	111.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-029-25R-1.5D	19.00	19.90	25.00	32.00	31.38	58.5	2.880	56.0	114.50	19.0	ICP 190	K DCN 18-21.99
DCN 200-030-25R-1.5D	20.00	20.90	25.00	32.00	33.02	61.6	3.020	56.0	117.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-032-25R-1.5D	21.00	21.90	25.00	32.00	34.68	64.7	3.180	56.0	120.70	21.0	ICP 210	K DCN 18-21.99
DCN 220-033-25R-1.5D	22.00	22.90	25.00	32.00	36.32	67.8	3.320	56.0	123.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-035-32R-1.5D	23.00	23.90	32.00	42.00	37.96	70.9	3.460	60.0	130.90	23.0	ICP 230	K DCN 22-26.99
DCN 240-036-32R-1.5D	24.00	24.90	32.00	42.00	39.62	74.0	3.620	60.0	134.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-038-32R-1.5D	25.00	25.90	32.00	42.00	41.30	77.0	3.800	60.0	137.00	25.0	ICP 250	K DCN 22-26.99
DCN 260-039-32R-1.5D	26.00	26.90	32.00	42.00	42.95	80.1	3.950	60.0	140.10	26.0	ICP 260	K DCN 22-26.99
DCN 270-041-32R-1.5D	27.00	27.90	32.00	42.00	44.60	83.1	4.100	60.0	143.10	27.0	ICP 270	K DCN 27-32.99
DCN 280-042-32R-1.5D	28.00	28.90	32.00	42.00	46.25	86.2	4.250	60.0	146.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-044-32R-1.5D	29.00	29.90	32.00	42.00	47.93	89.3	4.430	60.0	149.30	29.0	ICP 290	K DCN 27-32.99
DCN 300-045-32R-1.5D	30.00	30.90	32.00	42.00	49.59	92.4	4.590	60.0	152.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-047-32R-1.5D	31.00	31.90	32.00	42.00	51.26	95.5	4.760	60.0	155.50	31.0	ICP 310	K DCN 27-32.99
DCN 320-048-32R-1.5D	32.00	32.90	32.00	42.00	52.86	98.5	4.860	60.0	158.50	32.0	ICP 320	K DCN 27-32.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

(1) Cutting diameter minimum

(2) Cutting diameter maximum

(3) Seat size code

(4) Master insert identification

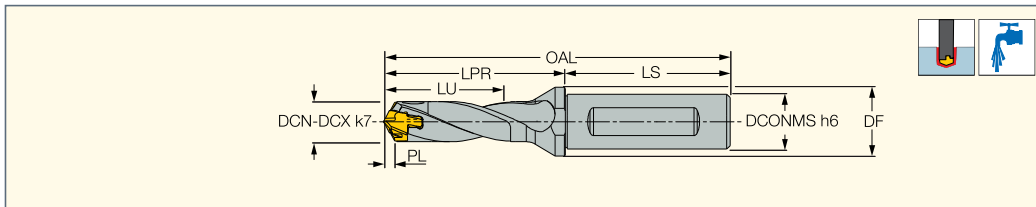
For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-Q (47) • FCP (52) • ICG (57)






**DCN A-3D**

Exchangeable Head Drills with Coolant Holes and One Flat Shank, Drilling Depth 3xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-018-12A-3D	6.00	6.40	12.00	16.00	18.96	32.0	0.960	45.0	77.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-020-12A-3D	6.50	6.90	12.00	16.00	20.68	33.8	1.180	45.0	78.80	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-021-12A-3D	7.00	7.40	12.00	16.00	22.01	35.6	1.010	45.0	80.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-023-12A-3D	7.50	7.90	12.00	16.00	23.60	37.1	1.100	45.0	82.10	7.0	ICP 075	K DCN 6-9.99
DCN 080-024-12A-3D	8.00	8.40	12.00	16.00	25.20	39.4	1.200	45.0	84.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-025-12A-3D	8.50	8.90	12.00	16.00	26.79	40.9	1.290	45.0	85.90	8.0	ICP 085	K DCN 6-9.99
DCN 090-027-12A-3D	9.00	9.40	12.00	16.00	28.35	42.8	1.350	45.0	87.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-029-12A-3D	9.50	9.90	12.00	16.00	29.94	44.3	1.440	45.0	89.30	9.0	ICP 095	K DCN 6-9.99
DCN 100-030-16A-3D	10.00	10.40	16.00	20.00	31.50	46.2	1.500	48.0	94.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-032-16A-3D	10.50	10.90	16.00	20.00	33.09	47.7	1.590	48.0	95.70	10.0	ICP 105	K DCN 10-13.99
DCN 110-033-16A-3D	11.00	11.40	16.00	20.00	34.67	49.6	1.670	48.0	97.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-035-16A-3D	11.50	11.90	16.00	20.00	36.26	51.1	1.760	48.0	99.10	11.0	ICP 115	K DCN 10-13.99
DCN 120-036-16A-3D	12.00	12.40	16.00	20.00	37.82	53.0	1.820	48.0	101.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-037-16A-3D	12.50	12.90	16.00	20.00	39.41	54.5	1.910	48.0	102.50	12.0	ICP 125	K DCN 10-13.99
DCN 130-039-16A-3D	13.00	13.40	16.00	20.00	40.96	56.6	1.960	48.0	104.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-041-16A-3D	13.50	13.90	16.00	20.00	42.55	58.1	2.050	48.0	106.10	13.0	ICP 135	K DCN 10-13.99
DCN 140-042-16A-3D	14.00	14.40	16.00	20.00	44.12	62.1	2.120	48.0	110.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-044-16A-3D	14.50	14.90	16.00	20.00	45.71	63.6	2.210	48.0	111.60	14.0	ICP 145	K DCN 14-17.99
DCN 150-045-20A-3D	15.00	15.90	20.00	25.00	47.27	68.7	2.270	50.0	118.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-048-20A-3D	16.00	16.90	20.00	25.00	5.42	73.3	2.420	50.0	123.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-051-20A-3D	17.00	17.90	20.00	25.00	53.59	77.9	2.590	50.0	127.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-054-25A-3D	18.00	18.90	25.00	32.00	56.73	82.5	2.730	56.0	138.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-057-25A-3D	19.00	19.90	25.00	32.00	59.88	87.0	2.880	56.0	143.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-060-25A-3D	20.00	20.90	25.00	32.00	63.02	91.6	3.020	56.0	147.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-063-25A-3D	21.00	21.90	25.00	32.00	66.18	96.2	3.180	56.0	152.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-066-25A-3D	22.00	22.90	25.00	32.00	69.32	100.8	3.320	56.0	156.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-069-32A-3D	23.00	23.90	32.00	42.00	72.46	105.4	3.460	60.0	165.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-072-32A-3D	24.00	24.90	32.00	42.00	75.62	110.0	3.620	60.0	170.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-075-32A-3D	25.00	25.90	32.00	42.00	78.80	114.5	3.800	60.0	174.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-078-32A-3D	26.00	26.90	32.00	42.00	81.95	119.0	3.950	60.0	179.00	26.0	ICP 260	K DCN 22-26.99
DCN 270-081-32A-3D	27.00	27.90	32.00	42.00	85.10	123.7	4.100	60.0	191.70	27.0	ICP 270	K DCN 27-32.99
DCN 270-081-40A-3D	27.00	27.90	40.00	50.00	85.10	123.7	4.100	68.0	183.70	27.0	ICP 270	K DCN 27-32.99
DCN 280-084-32A-3D	28.00	28.90	32.00	42.00	88.25	128.2	4.250	60.0	196.20	28.0	ICP 280	K DCN 27-32.99
DCN 280-084-40A-3D	28.00	28.90	40.00	50.00	88.25	128.2	4.250	68.0	188.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-087-32A-3D	29.00	29.90	32.00	42.00	91.43	132.8	4.430	60.0	200.80	29.0	ICP 290	K DCN 27-32.99
DCN 290-087-40A-3D	29.00	29.90	40.00	50.00	91.43	132.8	4.430	68.0	192.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-090-32A-3D	30.00	30.90	32.00	42.00	94.59	137.4	4.590	60.0	205.40	30.0	ICP 300	K DCN 27-32.99
DCN 300-090-40A-3D	30.00	30.90	40.00	50.00	94.59	137.4	4.590	68.0	197.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-093-32A-3D	31.00	31.90	32.00	42.00	97.76	142.0	4.760	60.0	210.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-096-32A-3D	32.00	32.90	32.00	42.00	100.86	146.5	4.860	60.0	214.50	32.0	ICP 320	K DCN 27-32.99
DCN 320-096-40A-3D	32.00	32.90	40.00	50.00	100.86	146.5	4.860	68.0	206.50	32.0	ICP 320	K DCN 27-32.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

<sup>(1)</sup> Cutting diameter minimum

<sup>(2)</sup> Cutting diameter maximum

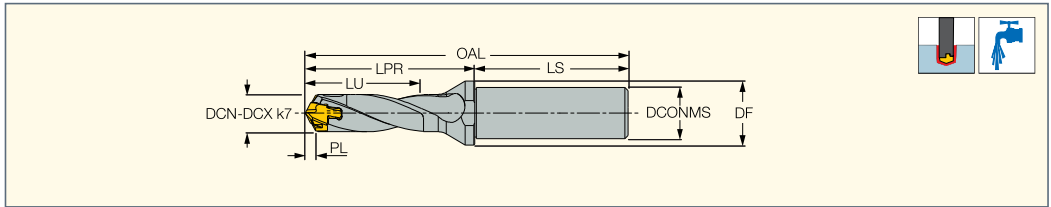
<sup>(3)</sup> Seat size code


<sup>(4)</sup> Master insert identification

**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)

**DCN R-3D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 3xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-018-12R-3D	6.00	6.40	12.00	16.00	18.96	32.0	0.960	45.0	77.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-020-12R-3D	6.50	6.90	12.00	16.00	20.68	33.8	1.180	45.0	78.80	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-021-12R-3D	7.00	7.40	12.00	16.00	22.01	35.6	1.010	45.0	80.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-023-12R-3D	7.50	7.90	12.00	16.00	23.60	37.1	1.100	45.0	82.10	7.0	ICP 075	K DCN 6-9.99
DCN 080-024-12R-3D	8.00	8.40	12.00	16.00	25.20	39.4	1.200	45.0	84.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-025-12R-3D	8.50	8.90	12.00	16.00	26.79	40.9	1.290	45.0	85.90	8.0	ICP 085	K DCN 6-9.99
DCN 090-027-12R-3D	9.00	9.40	12.00	16.00	28.35	42.8	1.350	45.0	87.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-029-12R-3D	9.50	9.90	12.00	16.00	29.94	44.3	1.440	45.0	89.30	9.0	ICP 095	K DCN 6-9.99
DCN 100-030-16R-3D	10.00	10.40	16.00	20.00	31.50	46.2	1.500	48.0	94.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-032-16R-3D	10.50	10.90	16.00	20.00	33.09	47.7	1.590	48.0	95.70	10.0	ICP 105	K DCN 10-13.99
DCN 110-033-16R-3D	11.00	11.40	16.00	20.00	34.67	49.6	1.670	48.0	97.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-035-16R-3D	11.50	11.90	16.00	20.00	36.26	51.1	1.760	48.0	99.10	11.0	ICP 115	K DCN 10-13.99
DCN 120-036-16R-3D	12.00	12.40	16.00	20.00	37.82	53.0	1.820	48.0	101.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-037-16R-3D	12.50	12.90	16.00	20.00	39.41	54.5	1.910	48.0	102.50	12.0	ICP 125	K DCN 10-13.99
DCN 130-039-16R-3D	13.00	13.40	16.00	20.00	40.96	56.6	1.960	48.0	104.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-041-16R-3D	13.50	13.90	16.00	20.00	42.55	58.1	2.050	48.0	106.10	13.0	ICP 135	K DCN 10-13.99
DCN 140-042-16R-3D	14.00	14.40	16.00	20.00	44.12	62.1	2.120	48.0	110.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-044-16R-3D	14.50	14.90	16.00	20.00	45.71	63.6	2.210	48.0	111.60	14.0	ICP 145	K DCN 14-17.99
DCN 150-045-20R-3D	15.00	15.90	20.00	25.00	47.27	68.7	2.270	50.0	118.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-048-20R-3D	16.00	16.90	20.00	25.00	50.42	73.3	2.420	50.0	123.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-051-20R-3D	17.00	17.90	20.00	25.00	53.59	77.9	2.590	50.0	127.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-054-25R-3D	18.00	18.90	25.00	32.00	56.73	82.5	2.730	56.0	138.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-057-25R-3D	19.00	19.90	25.00	32.00	59.88	87.0	2.880	56.0	143.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-060-25R-3D	20.00	20.90	25.00	32.00	63.02	91.6	3.020	56.0	147.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-063-25R-3D	21.00	21.90	25.00	32.00	66.18	96.2	3.180	56.0	152.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-066-25R-3D	22.00	22.90	25.00	32.00	69.32	100.8	3.320	56.0	156.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-069-32R-3D	23.00	23.90	32.00	42.00	72.46	105.4	3.460	60.0	165.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-072-32R-3D	24.00	24.90	32.00	42.00	75.62	110.0	3.620	60.0	170.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-075-32R-3D	25.00	25.90	32.00	42.00	78.80	114.5	3.800	60.0	174.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-078-32R-3D	26.00	26.90	32.00	42.00	81.95	119.0	3.950	60.0	179.00	26.0	ICP 260	K DCN 22-26.99
DCN 270-081-32R-3D	27.00	27.90	32.00	42.00	85.10	123.7	4.100	60.0	183.70	27.0	ICP 270	K DCN 27-32.99
DCN 280-084-32R-3D	28.00	28.90	32.00	42.00	88.25	128.2	4.250	60.0	188.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-087-32R-3D	29.00	29.90	32.00	42.00	91.43	132.8	4.430	60.0	192.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-090-32R-3D	30.00	30.90	32.00	42.00	94.59	137.4	4.590	60.0	197.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-093-32R-3D	31.00	31.90	32.00	42.00	97.76	142.0	4.760	60.0	202.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-096-32R-3D	32.00	32.90	32.00	42.00	100.86	146.5	4.860	60.0	206.50	32.0	ICP 320	K DCN 27-32.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

(1) Cutting diameter minimum

(2) Cutting diameter maximum

(3) Seat size code

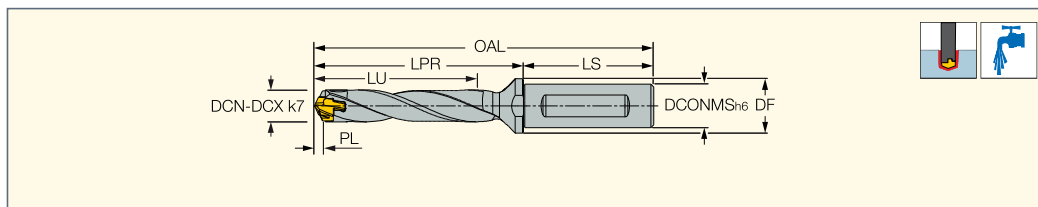
(4) Master insert identification


For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)



**DCN A-5D**

Exchangeable Head Drills with Coolant Holes and One Flat Shank, Drilling Depth 5xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-030-12A-5D	6.00	6.40	12.00	16.00	30.96	44.0	0.960	45.0	89.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-033-12A-5D	6.50	6.90	12.00	16.00	33.68	46.8	1.180	45.0	91.80	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-035-12A-5D	7.00	7.40	12.00	16.00	36.01	49.6	1.010	45.0	94.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-038-12A-5D	7.50	7.90	12.00	16.00	38.60	52.1	1.100	45.0	97.10	7.0	ICP 075	K DCN 6-9.99
DCN 080-040-12A-5D	8.00	8.40	12.00	16.00	41.20	55.4	1.200	45.0	100.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-042-12A-5D	8.50	8.90	12.00	16.00	43.79	57.9	1.290	45.0	102.90	8.0	ICP 085	K DCN 6-9.99
DCN 090-045-12A-5D	9.00	9.40	12.00	16.00	46.35	60.8	1.350	45.0	105.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-048-12A-5D	9.50	9.90	12.00	16.00	48.94	63.3	1.440	45.0	108.30	9.0	ICP 095	K DCN 6-9.99
DCN 100-050-16A-5D	10.00	10.40	16.00	20.00	51.50	66.2	1.500	48.0	114.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-053-16A-5D	10.50	10.90	16.00	20.00	54.09	68.7	1.590	48.0	116.70	10.0	ICP 105	K DCN 10-13.99
DCN 110-055-16A-5D	11.00	11.40	16.00	20.00	56.67	71.6	1.670	48.0	119.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-058-16A-5D	11.50	11.90	16.00	20.00	59.26	74.1	1.760	48.0	122.10	11.0	ICP 115	K DCN 10-13.99
DCN 120-060-16A-5D	12.00	12.40	16.00	20.00	61.82	77.0	1.820	48.0	125.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-062-16A-5D	12.50	12.90	16.00	20.00	64.41	79.5	1.910	48.0	127.50	12.0	ICP 125	K DCN 10-13.99
DCN 130-065-16A-5D	13.00	13.40	16.00	20.00	66.96	82.6	1.960	48.0	130.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-068-16A-5D	13.50	13.90	16.00	20.00	69.55	85.1	2.050	48.0	133.10	13.0	ICP 135	K DCN 10-13.99
DCN 140-070-16A-5D	14.00	14.40	16.00	20.00	72.12	90.2	2.120	48.0	138.20	14.0	ICP 140	K DCN 14-17.99
DCN 145-073-16A-5D	14.50	14.90	16.00	20.00	74.71	92.7	2.210	48.0	140.70	14.0	ICP 145	K DCN 14-17.99
DCN 150-075-20A-5D	15.00	15.90	20.00	25.00	77.27	98.7	2.270	50.0	148.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-080-20A-5D	16.00	16.90	20.00	25.00	82.42	105.3	2.420	50.0	155.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-085-20A-5D	17.00	17.90	20.00	25.00	87.59	111.9	2.590	50.0	161.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-090-25A-5D	18.00	18.90	25.00	32.00	92.73	118.5	2.730	56.0	174.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-095-25A-5D	19.00	19.90	25.00	32.00	97.88	125.0	2.880	56.0	181.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-100-25A-5D	20.00	20.90	25.00	32.00	103.02	131.6	3.020	56.0	187.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-105-25A-5D	21.00	21.90	25.00	32.00	108.18	138.2	3.180	56.0	194.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-110-25A-5D	22.00	22.90	25.00	32.00	113.32	144.8	3.320	56.0	200.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-115-32A-5D	23.00	23.90	32.00	42.00	118.46	151.4	3.460	60.0	211.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-120-32A-5D	24.00	24.90	32.00	42.00	123.62	158.0	3.620	60.0	218.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-125-32A-5D	25.00	25.90	32.00	42.00	128.80	164.5	3.800	60.0	224.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-130-32A-5D	26.00	26.90	32.00	42.00	133.95	171.0	3.950	60.0	231.00	26.0	ICP 260	K DCN 22-26.99
DCN 270-135-32A-5D	27.00	27.90	32.00	42.00	139.10	177.7	4.100	60.0	237.65	27.0	ICP 270	K DCN 27-32.99
DCN 270-135-40A-5D	27.00	27.90	40.00	50.00	139.10	177.7	4.100	68.0	245.65	27.0	ICP 270	K DCN 27-32.99
DCN 280-140-32A-5D	28.00	28.90	32.00	42.00	144.25	184.2	4.250	60.0	252.20	28.0	ICP 280	K DCN 27-32.99
DCN 280-140-40A-5D	28.00	28.90	40.00	50.00	144.25	184.2	4.250	68.0	244.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-145-32A-5D	29.00	29.90	32.00	42.00	149.43	190.8	4.430	60.0	258.80	29.0	ICP 290	K DCN 27-32.99
DCN 290-145-40A-5D	29.00	29.90	40.00	50.00	149.43	190.8	4.430	68.0	250.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-150-32A-5D	30.00	30.90	32.00	42.00	154.59	197.4	4.590	60.0	265.40	30.0	ICP 300	K DCN 27-32.99
DCN 300-150-40A-5D	30.00	30.90	40.00	50.00	154.59	197.4	4.590	68.0	257.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-155-32A-5D	31.00	31.90	32.00	42.00	159.76	204.0	4.760	60.0	272.00	31.0	ICP 310	K DCN 27-32.99
DCN 310-155-40A-5D	31.00	31.90	40.00	50.00	159.76	204.0	4.760	68.0	264.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-160-32A-5D	32.00	32.90	32.00	42.00	164.86	210.5	4.860	60.0	278.50	32.0	ICP 320	K DCN 27-32.99
DCN 320-160-40A-5D	32.00	32.90	40.00	50.00	164.86	210.5	4.860	68.0	270.50	32.0	ICP 320	K DCN 27-32.99

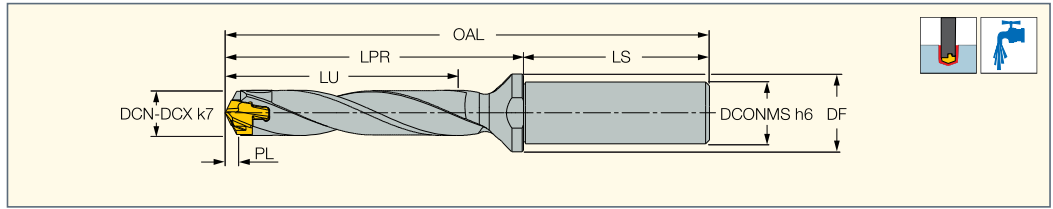
• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81


- (1) Cutting diameter minimum
- (2) Cutting diameter maximum
- (3) Seat size code
- (4) Master insert identification

**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)

**DCN R-5D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 5xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-030-12R-5D	6.00	6.40	12.00	16.00	30.96	44.0	0.960	45.0	89.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-033-12R-5D	6.50	6.90	12.00	16.00	33.68	46.8	1.180	45.0	91.80	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-035-12R-5D	7.00	7.40	12.00	16.00	36.01	49.6	1.010	45.0	94.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-038-12R-5D	7.50	7.90	12.00	16.00	38.60	52.1	1.100	45.0	97.10	7.0	ICP 075	K DCN 6-9.99
DCN 080-040-12R-5D	8.00	8.40	12.00	16.00	41.20	55.4	1.200	45.0	100.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-042-12R-5D	8.50	8.90	12.00	16.00	43.79	57.9	1.290	45.0	102.90	8.0	ICP 085	K DCN 6-9.99
DCN 090-045-12R-5D	9.00	9.40	12.00	16.00	46.35	60.8	1.350	45.0	105.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-048-12R-5D	9.50	9.90	12.00	16.00	48.94	63.3	1.440	45.0	108.30	9.0	ICP 095	K DCN 6-9.99
DCN 100-050-16R-5D	10.00	10.40	16.00	20.00	51.50	66.2	1.500	48.0	114.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-053-16R-5D	10.50	10.90	16.00	20.00	54.09	68.7	1.590	48.0	116.70	10.0	ICP 105	K DCN 10-13.99
DCN 110-055-16R-5D	11.00	11.40	16.00	20.00	56.67	71.6	1.670	48.0	119.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-058-16R-5D	11.50	11.90	16.00	20.00	59.26	74.1	1.760	48.0	122.10	11.0	ICP 115	K DCN 10-13.99
DCN 120-060-16R-5D	12.00	12.40	16.00	20.00	61.82	77.0	1.820	48.0	125.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-062-16R-5D	12.50	12.90	16.00	20.00	64.41	79.5	1.910	48.0	127.50	12.0	ICP 125	K DCN 10-13.99
DCN 130-065-16R-5D	13.00	13.40	16.00	20.00	66.96	82.6	1.960	48.0	130.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-068-16R-5D	13.50	13.90	16.00	20.00	69.55	85.1	2.050	48.0	133.10	13.0	ICP 135	K DCN 10-13.99
DCN 140-070-16R-5D	14.00	14.40	16.00	20.00	72.12	90.2	2.120	48.0	138.20	14.0	ICP 140	K DCN 14-17.99
DCN 145-073-16R-5D	14.50	14.90	16.00	20.00	74.62	92.7	2.210	48.0	140.70	14.0	ICP 145	K DCN 14-17.99
DCN 150-075-20R-5D	15.00	15.90	20.00	25.00	77.27	98.7	2.270	50.0	148.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-080-20R-5D	16.00	16.90	20.00	25.00	82.42	105.3	2.420	50.0	155.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-085-20R-5D	17.00	17.90	20.00	25.00	87.59	111.9	2.590	50.0	161.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-090-25R-5D	18.00	18.90	25.00	32.00	92.73	118.5	2.730	56.0	174.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-095-25R-5D	19.00	19.90	25.00	32.00	97.88	125.0	2.880	56.0	181.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-100-25R-5D	20.00	20.90	25.00	32.00	103.02	131.6	3.020	56.0	187.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-105-25R-5D	21.00	21.90	25.00	32.00	108.18	138.2	3.180	56.0	194.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-110-25R-5D	22.00	22.90	25.00	32.00	113.32	144.8	3.320	56.0	200.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-115-32R-5D	23.00	23.90	32.00	42.00	118.46	151.4	3.460	60.0	211.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-120-32R-5D	24.00	24.90	32.00	42.00	123.62	158.0	3.620	60.0	218.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-125-32R-5D	25.00	25.90	32.00	42.00	128.80	164.5	3.800	60.0	224.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-130-32R-5D	26.00	26.90	32.00	42.00	133.95	171.0	3.950	60.0	231.00	26.0	ICP 260	K DCN 22-26.99
DCN 270-135-32R-5D	27.00	27.90	32.00	42.00	139.10	177.7	4.100	60.0	237.70	27.0	ICP 270	K DCN 27-32.99
DCN 280-140-32R-5D	28.00	28.90	32.00	42.00	144.25	184.2	4.250	60.0	244.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-145-32R-5D	29.00	29.90	32.00	42.00	149.43	190.8	4.430	60.0	250.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-150-32R-5D	30.00	30.90	32.00	42.00	154.59	197.4	4.590	60.0	257.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-155-32R-5D	31.00	31.90	32.00	42.00	159.76	204.0	4.760	60.0	264.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-160-32R-5D	32.00	32.90	32.00	42.00	164.86	210.5	4.860	60.0	270.50	32.0	ICP 320	K DCN 27-32.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

(1) Cutting diameter minimum

(2) Cutting diameter maximum

(3) Seat size code

(4) Master insert identification

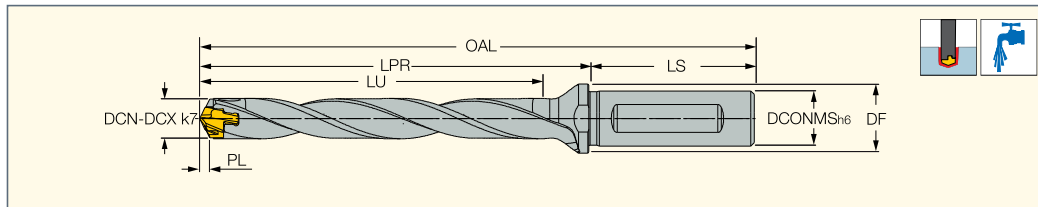
For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)






**DCN A-8D**

Exchangeable Head Drills with Coolant Holes and One Flat Shank, Drilling Depth 8xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-048-12A-8D	6.00	6.40	12.00	16.00	48.96	62.0	0.960	45.0	107.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-052-12A-8D	6.50	6.90	12.00	16.00	53.18	66.3	1.180	45.0	111.30	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-056-12A-8D	7.00	7.40	12.00	16.00	57.01	70.6	1.010	45.0	115.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-060-12A-8D	7.50	7.90	12.00	16.00	61.10	74.6	1.100	45.0	120.00	7.0	ICP 075	K DCN 6-9.99
DCN 080-064-12A-8D	8.00	8.40	12.00	16.00	65.20	79.4	1.200	45.0	124.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-068-12A-8D	8.50	8.90	12.00	16.00	69.29	83.4	1.290	45.0	128.40	8.0	ICP 085	K DCN 6-9.99
DCN 090-072-12A-8D	9.00	9.40	12.00	16.00	73.36	87.8	1.360	45.0	132.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-076-12A-8D	9.50	9.90	12.00	16.00	77.44	91.8	1.440	45.0	136.80	9.0	ICP 095	K DCN 6-9.99
DCN 100-080-16A-8D	10.00	10.40	16.00	20.00	81.50	96.2	1.500	48.0	144.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-084-16A-8D	10.50	10.90	16.00	20.00	85.59	100.2	1.590	48.0	148.20	10.0	ICP 105	K DCN 10-13.99
DCN 110-088-16A-8D	11.00	11.40	16.00	20.00	89.67	104.6	1.670	48.0	152.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-092-16A-8D	11.50	11.90	16.00	20.00	93.76	108.6	1.760	48.0	156.60	11.0	ICP 115	K DCN 10-13.99
DCN 120-096-16A-8D	12.00	12.40	16.00	20.00	97.82	113.0	1.820	48.0	161.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-100-16A-8D	12.50	12.90	16.00	20.00	101.91	117.0	1.910	48.0	165.00	12.0	ICP 125	K DCN 10-13.99
DCN 130-104-16A-8D	13.00	13.40	16.00	20.00	105.96	121.6	1.960	48.0	169.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-108-16A-8D	13.50	13.90	16.00	20.00	110.05	125.6	2.050	48.0	173.60	13.0	ICP 135	K DCN 10-13.99
DCN 140-112-16A-8D	14.00	14.40	16.00	20.00	114.12	132.1	2.120	48.0	180.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-116-16A-8D	14.50	14.90	16.00	20.00	118.21	136.2	2.210	48.0	184.20	14.0	ICP 145	K DCN 14-17.99
DCN 150-120-20A-8D	15.00	15.90	20.00	25.00	122.27	143.7	2.270	50.0	193.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-128-20A-8D	16.00	16.90	20.00	25.00	130.42	153.3	2.420	50.0	203.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-136-20A-8D	17.00	17.90	20.00	25.00	138.59	162.9	2.590	50.0	212.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-144-25A-8D	18.00	18.90	25.00	32.00	146.73	172.5	2.730	56.0	228.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-152-25A-8D	19.00	19.90	25.00	32.00	154.88	182.0	2.880	56.0	238.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-160-25A-8D	20.00	20.90	25.00	32.00	163.02	191.6	3.020	56.0	247.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-168-25A-8D	21.00	21.90	25.00	32.00	171.18	201.2	3.180	56.0	257.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-176-25A-8D	22.00	22.90	25.00	32.00	179.32	210.8	3.320	56.0	266.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-184-32A-8D	23.00	23.90	32.00	42.00	187.46	220.4	3.460	60.0	280.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-192-32A-8D	24.00	24.90	32.00	42.00	195.62	230.0	3.620	60.0	290.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-200-32A-8D	25.00	25.90	32.00	42.00	203.80	239.5	3.800	60.0	299.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-208-32A-8D	26.00	26.90	32.00	42.00	211.95	249.3	3.950	60.0	309.30	26.0	ICP 260	K DCN 22-26.99
DCN 270-216-32A-8D	27.00	27.90	32.00	42.00	220.10	258.6	4.100	60.0	318.60	27.0	ICP 270	K DCN 27-32.99
DCN 280-224-32A-8D	28.00	28.90	32.00	42.00	228.25	268.2	4.250	60.0	328.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-232-32A-8D	29.00	29.90	32.00	42.00	236.43	277.8	4.430	60.0	337.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-240-32A-8D	30.00	30.90	32.00	42.00	244.59	287.4	4.590	60.0	347.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-248-32A-8D	31.00	31.90	32.00	42.00	252.76	297.0	4.760	60.0	357.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-256-32A-8D	32.00	32.90	32.00	42.00	260.86	306.5	4.860	60.0	366.50	32.0	ICP 320	K DCN 27-32.99

- Prior to using the 8xD drill, it is recommended to drill a pre-hole by using a DCN 1.5xD drill or a centering drill. It is not required if HCP or QCP drilling head is used
- Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

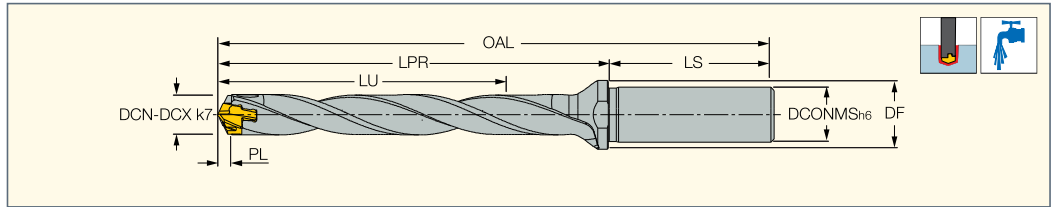
(1) Cutting diameter minimum  
 (2) Cutting diameter maximum  
 (3) Seat size code  
 (4) Master insert identification

For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)



**DCN R-8D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 8xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 060-048-12R-8D	6.00	6.40	12.00	16.00	48.96	62.0	0.960	45.0	107.00	6.0	ICP 060	K DCN 6-9.99-Y
DCN 065-052-12R-8D	6.50	6.90	12.00	16.00	53.18	66.3	1.180	45.0	111.30	6.5	ICP 065	K DCN 6-9.99-Y
DCN 070-056-12R-8D	7.00	7.40	12.00	16.00	57.01	70.6	1.010	45.0	115.60	7.0	ICP 070	K DCN 6-9.99
DCN 075-060-12R-8D	7.50	7.90	12.00	16.00	61.10	74.6	1.100	45.0	120.00	7.0	ICP 075	K DCN 6-9.99
DCN 080-064-12R-8D	8.00	8.40	12.00	16.00	65.20	79.4	1.200	45.0	124.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-068-12R-8D	8.50	8.90	12.00	16.00	69.29	83.4	1.290	45.0	128.40	8.0	ICP 085	K DCN 6-9.99
DCN 090-072-12R-8D	9.00	9.40	12.00	16.00	73.35	87.8	1.350	45.0	132.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-076-12R-8D	9.50	9.90	12.00	16.00	77.44	91.8	1.440	45.0	136.80	9.0	ICP 095	K DCN 6-9.99
DCN 100-080-16R-8D	10.00	10.40	16.00	20.00	81.50	96.2	1.500	48.0	144.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-084-16R-8D	10.50	10.90	16.00	20.00	85.59	100.2	1.590	48.0	148.20	10.0	ICP 105	K DCN 10-13.99
DCN 110-088-16R-8D	11.00	11.40	16.00	20.00	89.67	104.6	1.670	48.0	152.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-092-16R-8D	11.50	11.90	16.00	20.00	93.76	108.6	1.760	48.0	156.60	11.0	ICP 115	K DCN 10-13.99
DCN 120-096-16R-8D	12.00	12.40	16.00	20.00	97.82	113.0	1.820	48.0	161.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-100-16R-8D	12.50	12.90	16.00	20.00	101.91	117.0	1.910	48.0	165.00	12.0	ICP 125	K DCN 10-13.99
DCN 130-104-16R-8D	13.00	13.40	16.00	20.00	105.96	121.6	1.960	48.0	169.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-108-16R-8D	13.50	13.90	16.00	20.00	110.05	125.6	2.050	48.0	173.60	13.0	ICP 135	K DCN 10-13.99
DCN 140-112-16R-8D	14.00	14.40	16.00	20.00	114.12	132.1	2.120	48.0	180.10	14.0	ICP 140	K DCN 14-17.99
DCN 145-116-16R-8D	14.50	14.90	16.00	20.00	118.21	136.2	2.210	48.0	184.20	14.0	ICP 145	K DCN 14-17.99
DCN 150-120-20R-8D	15.00	15.90	20.00	25.00	122.27	143.7	2.270	50.0	193.70	15.0	ICP 150	K DCN 14-17.99
DCN 160-128-20R-8D	16.00	16.90	20.00	25.00	130.42	153.3	2.420	50.0	203.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-136-20R-8D	17.00	17.90	20.00	25.00	138.59	162.9	2.590	50.0	212.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-144-25R-8D	18.00	18.90	25.00	32.00	146.73	172.5	2.730	56.0	228.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-152-25R-8D	19.00	19.90	25.00	32.00	154.88	182.0	2.880	56.0	238.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-160-25R-8D	20.00	20.90	25.00	32.00	163.02	191.6	3.020	56.0	247.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-168-25R-8D	21.00	21.90	25.00	32.00	171.18	201.2	3.180	56.0	257.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-176-25R-8D	22.00	22.90	25.00	32.00	179.32	210.8	3.320	56.0	266.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-184-32R-8D	23.00	23.90	32.00	42.00	187.46	220.4	3.460	60.0	280.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-192-32R-8D	24.00	24.90	32.00	42.00	195.62	230.0	3.620	60.0	290.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-200-32R-8D	25.00	25.90	32.00	42.00	203.80	239.5	3.800	60.0	299.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-208-32R-8D	26.00	26.90	32.00	42.00	211.95	249.3	3.950	60.0	309.30	26.0	ICP 260	K DCN 22-26.99
DCN 270-216-32R-8D	27.00	27.90	32.00	42.00	220.10	258.6	4.100	60.0	318.60	27.0	ICP 270	K DCN 27-32.99
DCN 280-224-32R-8D	28.00	28.90	32.00	42.00	228.25	268.2	4.250	60.0	328.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-232-32R-8D	29.00	29.90	32.00	42.00	236.43	277.8	4.430	60.0	337.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-240-32R-8D	30.00	30.90	32.00	42.00	244.59	287.4	4.590	60.0	347.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-248-32R-8D	31.00	31.90	32.00	42.00	252.76	297.0	4.760	60.0	357.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-256-32R-8D	32.00	32.90	32.00	42.00	260.86	306.5	4.860	60.0	366.50	32.0	ICP 320	K DCN 27-32.99

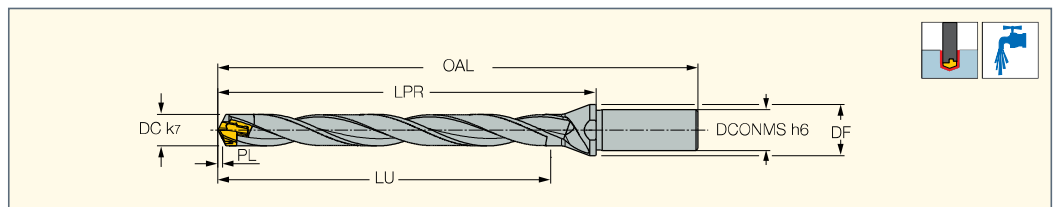
- Prior to using the 8xD drill, it is recommended to drill a pre-hole by using a DCN 1.5xD drill or a centering drill. It is not required if HCP or QCP drilling head is used
- Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

- (1) Cutting diameter minimum
- (2) Cutting diameter maximum
- (3) Seat size code
- (4) Master insert identification

For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)

**DCN R-10D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 10xD



Designation	DC	DCONMS	DF	LU	LPR	PL	OAL	SSC <sup>(1)</sup>	
DCN 160-160-20R-10D	16.00	20.00	25.00	162.40	185.30	2.420	235.30	16.0	K DCN 14-17.99
DCN 190-190-25R-10D	19.00	25.00	32.00	192.90	220.00	2.880	276.00	19.0	K DCN 18-21.99
DCN 250-250-32R-10D	25.00	32.00	42.00	253.80	289.50	3.800	349.50	25.0	K DCN 22-26.99

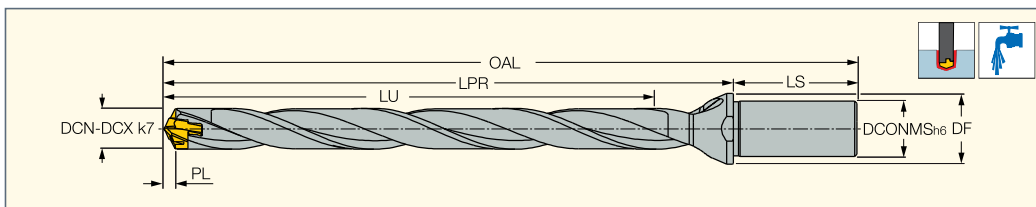
- Prior to using the 10xD drill, it is recommended to drill a pre-hole by using a DCN 1.5xD drill or a centering drill. It is not required if HCP or QCP drilling head is used • Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

- (1) Seat size code

For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)

**DCN R-12D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 12xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	DF	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
DCN 080-096-12R-12D	8.00	8.40	12.00	16.00	97.50	111.4	1.200	45.0	156.40	8.0	ICP 080	K DCN 6-9.99
DCN 085-102-12R-12D	8.50	8.90	12.00	16.00	103.60	117.4	1.290	45.0	162.40	8.0	ICP 085	K DCN 6-9.99
DCN 090-108-12R-12D	9.00	9.40	12.00	16.00	109.60	123.8	1.350	45.0	168.80	9.0	ICP 090	K DCN 6-9.99
DCN 095-114-12R-12D	9.50	9.90	12.00	16.00	115.70	129.8	1.440	45.0	174.80	9.0	ICP 095	K DCN 6-9.99
DCN 100-120-16R-12D	10.00	10.40	16.00	20.00	121.80	136.2	1.500	48.0	184.20	10.0	ICP 100	K DCN 10-13.99
DCN 105-126-16R-12D	10.50	10.90	16.00	20.00	127.90	142.2	1.590	48.0	190.20	10.0	ICP 105	K DCN 10-13.99
DCN 110-132-16R-12D	11.00	11.40	16.00	20.00	134.00	148.6	1.670	48.0	196.60	11.0	ICP 110	K DCN 10-13.99
DCN 115-138-16R-12D	11.50	11.90	16.00	20.00	140.10	154.6	1.760	48.0	202.60	11.0	ICP 115	K DCN 10-13.99
DCN 120-144-16R-12D	12.00	12.40	16.00	20.00	146.20	161.0	1.820	48.0	209.00	12.0	ICP 120	K DCN 10-13.99
DCN 125-150-16R-12D	12.50	12.90	16.00	20.00	152.30	167.0	1.910	48.0	215.00	12.0	ICP 125	K DCN 10-13.99
DCN 130-156-16R-12D	13.00	13.40	16.00	20.00	158.40	173.6	1.960	48.0	221.60	13.0	ICP 130	K DCN 10-13.99
DCN 135-162-16R-12D	13.50	13.90	16.00	20.00	164.50	179.6	2.050	48.0	227.00	13.0	ICP 135	K DCN 10-13.99
DCN 140-168-16R-12D	14.00	14.40	16.00	20.00	170.60	188.2	2.120	48.0	236.00	14.0	ICP 140	K DCN 14-17.99
DCN 145-174-16R-12D	14.50	14.90	16.00	20.00	176.60	194.2	2.210	48.0	242.00	14.0	ICP 145	K DCN 14-17.99
DCN 150-180-20R-12D	15.00	15.90	20.00	25.00	182.70	203.7	2.270	50.0	253.73	15.0	ICP 150	K DCN 14-17.99
DCN 160-192-20R-12D	16.00	16.90	20.00	25.00	194.90	217.3	2.420	50.0	267.30	16.0	ICP 160	K DCN 14-17.99
DCN 170-204-20R-12D	17.00	17.90	20.00	25.00	207.10	230.9	2.590	50.0	280.90	17.0	ICP 170	K DCN 14-17.99
DCN 180-216-25R-12D	18.00	18.90	25.00	32.00	219.30	244.5	2.730	56.0	300.50	18.0	ICP 180	K DCN 18-21.99
DCN 190-228-25R-12D	19.00	19.90	25.00	32.00	231.50	258.0	2.880	56.0	314.00	19.0	ICP 190	K DCN 18-21.99
DCN 200-240-25R-12D	20.00	20.90	25.00	32.00	243.60	271.6	3.020	56.0	327.60	20.0	ICP 200	K DCN 18-21.99
DCN 210-252-25R-12D	21.00	21.90	25.00	32.00	255.80	285.2	3.180	56.0	341.20	21.0	ICP 210	K DCN 18-21.99
DCN 220-264-25R-12D	22.00	22.90	25.00	32.00	268.00	298.8	3.320	56.0	354.80	22.0	ICP 220	K DCN 22-26.99
DCN 230-276-32R-12D	23.00	23.90	32.00	42.00	280.20	312.3	3.460	60.0	362.40	23.0	ICP 230	K DCN 22-26.99
DCN 240-288-32R-12D	24.00	24.90	32.00	42.00	292.40	325.9	3.620	60.0	386.00	24.0	ICP 240	K DCN 22-26.99
DCN 250-300-32R-12D	25.00	25.90	32.00	42.00	304.60	339.5	3.800	60.0	399.50	25.0	ICP 250	K DCN 22-26.99
DCN 260-312-32R-12D	26.00	26.90	32.00	42.00	316.70	381.1	3.950	60.0	441.10	26.0	ICP 260	K DCN 22-26.99
DCN 270-324-32R-12D	27.00	27.90	32.00	42.00	328.90	393.7	4.100	60.0	453.60	27.0	ICP 270	K DCN 27-32.99
DCN 280-336-32R-12D	28.00	28.90	32.00	42.00	341.10	406.2	4.250	60.0	466.20	28.0	ICP 280	K DCN 27-32.99
DCN 290-348-32R-12D	29.00	29.90	32.00	42.00	353.30	418.8	4.430	60.0	478.80	29.0	ICP 290	K DCN 27-32.99
DCN 300-360-32R-12D	30.00	30.90	32.00	42.00	365.50	431.4	4.590	60.0	491.40	30.0	ICP 300	K DCN 27-32.99
DCN 310-372-32R-12D	31.00	31.90	32.00	42.00	377.60	444.0	4.760	60.0	504.00	31.0	ICP 310	K DCN 27-32.99
DCN 320-384-32R-12D	32.00	32.90	32.00	42.00	389.80	457.5	4.860	60.0	516.50	32.0	ICP 320	K DCN 27-32.99

• Prior to using the 12xD drill, it is recommended to drill a pre-hole by using a DCN 1.5xD drill or a centering drill • The HCP or QCP drilling head may eliminate the need for a pre-hole • Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

(1) Cutting diameter minimum

(2) Cutting diameter maximum

(3) Seat size code

(4) Master insert identification

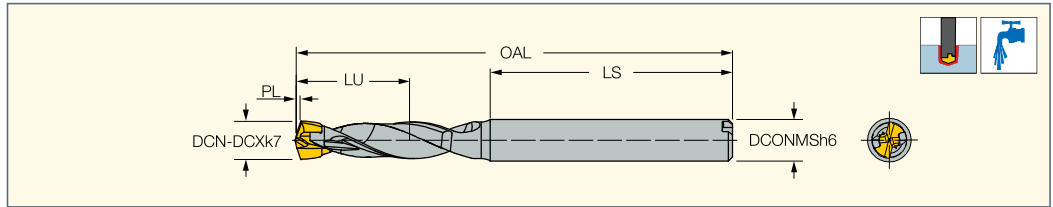
For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)



Standard Tools

**DCN C-3D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 3xD



Designation	DCN <sup>(2)</sup>	DCX <sup>(3)</sup>	DCONMS	LU	PL	LS	OAL	SSC <sup>(4)</sup>	MIID <sup>(5)</sup>	
<b>DCN 040-012-06C-3D</b> <sup>(1)</sup>	4.00	4.40	6.00	12.62	0.620	35.0	57.70	4.0	ICP 040	
<b>DCN 045-014-06C-3D</b> <sup>(1)</sup>	4.50	4.90	6.00	14.16	0.660	35.0	59.65	4.5	ICP 045	
<b>DCN 050-015-06C-3D</b> <sup>(1)</sup>	5.00	5.40	6.00	15.73	0.730	35.0	61.30	5.0	ICP 050	
<b>DCN 055-017-06C-3D</b> <sup>(1)</sup>	5.50	5.90	6.00	17.31	0.810	35.0	63.15	5.5	ICP 055	
<b>DCN 060-018-08C-3D</b>	6.00	6.40	8.00	18.96	0.960	36.0	64.00	6.0	ICP 060	K DCN 6-9.99-Y
<b>DCN 065-020-08C-3D</b>	6.50	6.90	8.00	20.68	1.180	36.0	65.80	6.5	ICP 065	K DCN 6-9.99-Y
<b>DCN 070-021-08C-3D</b>	7.00	7.40	8.00	22.01	1.010	36.0	67.60	7.0	ICP 070	K DCN 6-9.99
<b>DCN 075-023-08C-3D</b>	7.50	7.90	8.00	23.60	1.100	36.0	69.10	7.0	ICP 075	K DCN 6-9.99
<b>DCN 080-024-10C-3D</b>	8.00	8.40	10.00	25.20	1.200	40.0	75.40	8.0	ICP 080	K DCN 6-9.99
<b>DCN 085-026-10C-3D</b>	8.50	8.90	10.00	27.69	1.290	40.0	76.90	8.0	ICP 085	K DCN 6-9.99
<b>DCN 090-027-10C-3D</b>	9.00	9.40	10.00	28.38	1.350	40.0	78.80	9.0	ICP 090	K DCN 6-9.99
<b>DCN 095-029-10C-3D</b>	9.50	9.90	10.00	29.94	1.440	40.0	80.30	9.0	ICP 095	K DCN 6-9.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

<sup>(1)</sup> The SK DCN key is supplied with the insert

<sup>(2)</sup> Cutting diameter minimum

<sup>(3)</sup> Cutting diameter maximum

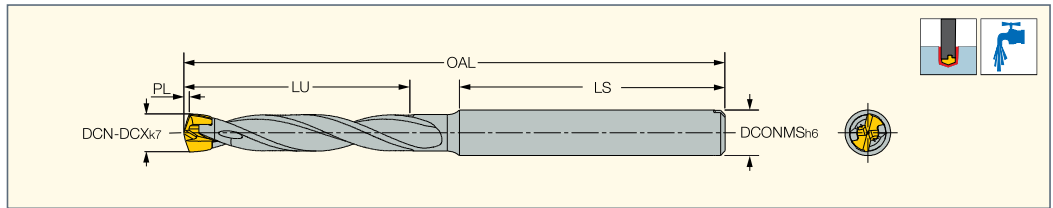
<sup>(4)</sup> Seat size code

<sup>(5)</sup> Master insert identification

**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52)

**DCN C-5D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 5xD



Designation	DCN <sup>(2)</sup>	DCX <sup>(3)</sup>	DCONMS	LU	PL	LS	OAL	SSC <sup>(4)</sup>	MIID <sup>(5)</sup>	
<b>DCN 040-020-06C-5D</b> <sup>(1)</sup>	4.00	4.40	6.00	20.62	0.620	35.0	65.70	4.0	ICP 040	
<b>DCN 045-023-06C-5D</b> <sup>(1)</sup>	4.50	4.90	6.00	23.16	0.660	35.0	68.65	4.5	ICP 045	
<b>DCN 050-025-06C-5D</b> <sup>(1)</sup>	5.00	5.40	6.00	25.73	0.730	35.0	71.30	5.0	ICP 050	
<b>DCN 055-028-06C-5D</b> <sup>(1)</sup>	5.50	5.90	6.00	28.31	0.810	35.0	74.15	5.5	ICP 055	
<b>DCN 060-030-08C-5D</b>	6.00	6.40	8.00	30.96	0.960	36.0	76.00	6.0	ICP 060	K DCN 6-9.99-Y
<b>DCN 065-033-08C-5D</b>	6.50	6.90	8.00	33.68	1.180	36.0	78.80	6.5	ICP 065	K DCN 6-9.99-Y
<b>DCN 070-035-08C-5D</b>	7.00	7.40	8.00	36.01	1.010	36.0	81.60	7.0	ICP 070	K DCN 6-9.99
<b>DCN 075-038-08C-5D</b>	7.50	7.90	8.00	38.60	1.100	36.0	84.10	7.0	ICP 075	K DCN 6-9.99
<b>DCN 080-040-10C-5D</b>	8.00	8.40	10.00	41.20	1.200	40.0	91.40	8.0	ICP 080	K DCN 6-9.99
<b>DCN 085-043-10C-5D</b>	8.50	8.90	10.00	43.79	1.290	40.0	93.90	8.0	ICP 085	K DCN 6-9.99
<b>DCN 090-045-10C-5D</b>	9.00	9.40	10.00	46.35	1.350	40.0	96.80	9.0	ICP 090	K DCN 6-9.99
<b>DCN 095-048-10C-5D</b>	9.50	9.90	10.00	48.94	1.440	40.0	99.30	9.0	ICP 095	K DCN 6-9.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

<sup>(1)</sup> The SK DCN key is supplied with the insert

<sup>(2)</sup> Cutting diameter minimum

<sup>(3)</sup> Cutting diameter maximum

<sup>(4)</sup> Seat size code

<sup>(5)</sup> Master insert identification

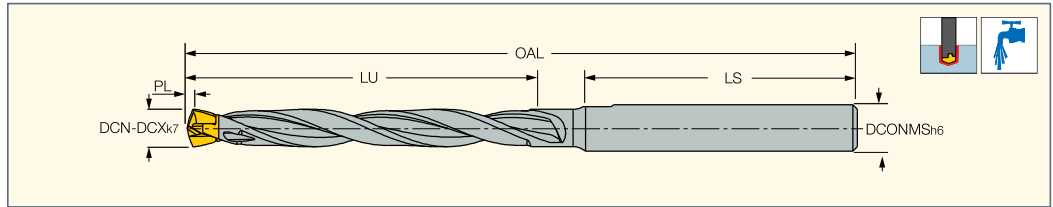
**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52)





**DCN C-8D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 8xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	LU	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>
<b>DCN 040-032-06C-8D</b>	4.00	4.40	6.00	32.62	0.620	35.0	77.70	4.0	ICP 040
<b>DCN 045-036-06C-8D</b>	4.50	4.90	6.00	36.66	0.660	35.0	82.20	4.5	ICP 045
<b>DCN 050-040-06C-8D</b>	5.00	5.40	6.00	40.73	0.730	35.0	86.30	5.0	ICP 050
<b>DCN 055-044-06C-8D</b>	5.50	5.90	6.00	44.81	0.810	35.0	90.70	5.5	ICP 055

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

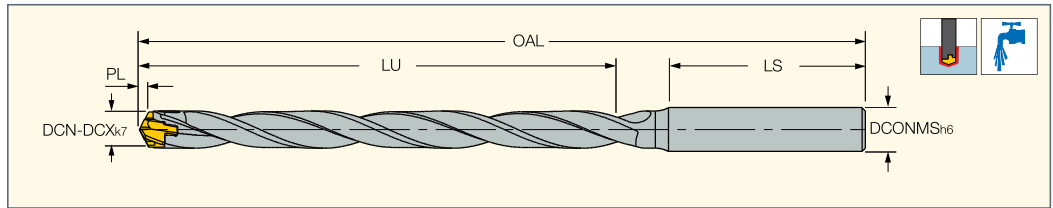
- (1) Cutting diameter minimum
- (2) Cutting diameter maximum
- (3) Seat size code
- (4) Master insert identification


**For inserts, see pages:** ICP (18) • ICK (28) • ICM (36) • HCP-IQ (47) • FCP (52)



**DCN C-12D**

Exchangeable Head Drills with Coolant Holes and a Cylindrical Shank, Drilling Depth 12xD



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	LU	PL	LS	OAL	SSC <sup>(3)</sup>	MIID <sup>(4)</sup>	
<b>DCN 060-072-08C-12D</b>	6.00	6.40	8.00	72.96	0.960	36.0	120.00	6.0	ICP 060	K DCN 6-9.99-Y
<b>DCN 065-078-08C-12D</b>	6.50	6.90	8.00	79.18	1.180	36.0	126.30	6.5	ICP 065	K DCN 6-9.99-Y
<b>DCN 070-084-08C-12D</b>	7.00	7.40	8.00	85.01	1.010	36.0	132.60	7.0	ICP 070	K DCN 6-9.99
<b>DCN 075-090-08C-12D</b>	7.50	7.90	8.00	91.10	1.100	36.0	136.60	7.0	ICP 075	K DCN 6-9.99

• Prior to using the 12xD drill, it is recommended to drill a pre-hole by using a DCN 1.5xD drill or a centering drill • The HCP or QCP drilling head may eliminate the need for a pre-hole • Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

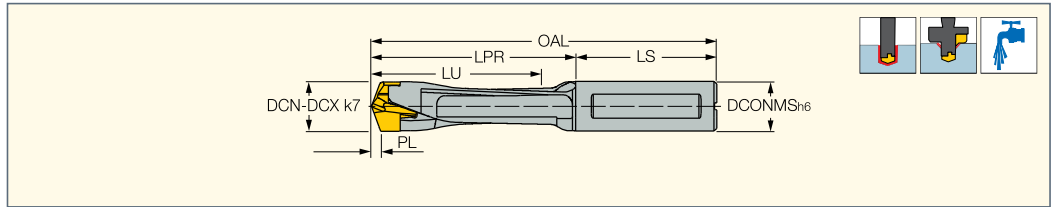
- (1) Cutting diameter minimum
- (2) Cutting diameter maximum
- (3) Seat size code
- (4) Master insert identification

**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52)



**DCNS-3D**

Exchangeable Head Drills without a Flange and One Flat Shank, Drilling Depth 3xD, Suitable for Chamfering Holders



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	
DCNS 075-022-080B-3D	7.50	7.90	8.00	23.60	34.2	1.100	36.0	70.20	7.0	K DCN 6-9.99
DCNS 080-024-080B-3D	8.00	8.40	8.00	25.20	34.7	1.200	36.0	70.70	8.0	K DCN 6-9.99
DCNS 085-025-090B-3D	8.50	8.90	9.00	26.79	36.8	1.290	36.0	72.90	8.0	K DCN 6-9.99
DCNS 090-027-090B-3D	9.00	9.40	9.00	28.35	38.8	1.350	36.0	74.80	9.0	K DCN 6-9.99
DCNS 095-029-100B-3D	9.50	9.90	10.00	29.94	40.3	1.440	36.0	76.30	9.0	K DCN 6-9.99
DCNS 100-030-100B-3D	10.00	10.40	10.00	31.50	45.2	1.500	41.0	86.20	10.0	K DCN 10-13.99
DCNS 105-032-110B-3D	10.50	10.90	11.00	33.09	46.7	1.590	41.0	87.70	10.0	K DCN 10-13.99
DCNS 110-033-110B-3D	11.00	11.40	11.00	34.67	48.6	1.670	41.0	89.60	11.0	K DCN 10-13.99
DCNS 115-035-120B-3D	11.50	11.90	12.00	36.26	50.1	1.760	41.0	91.10	11.0	K DCN 10-13.99
DCNS 120-036-120B-3D	12.00	12.40	12.00	37.82	52.0	1.820	41.0	93.00	12.0	K DCN 10-13.99
DCNS 125-037-130B-3D	12.50	12.90	13.00	34.41	53.5	1.910	46.0	99.50	12.0	K DCN 10-13.99
DCNS 130-039-130B-3D	13.00	13.40	13.00	40.96	55.6	1.960	47.0	102.60	13.0	K DCN 10-13.99
DCNS 135-041-140B-3D	13.50	13.90	14.00	42.55	57.1	2.050	43.0	100.10	13.0	K DCN 10-13.99
DCNS 140-042-140B-3D	14.00	14.40	14.00	44.12	59.2	2.120	44.0	103.20	14.0	K DCN 14-17.99
DCNS 145-044-150B-3D	14.50	14.90	15.00	45.71	60.7	2.210	45.0	105.70	14.0	K DCN 14-17.99
DCNS 150-045-150B-3D	15.00	15.90	15.00	47.27	62.7	2.270	45.0	107.70	15.0	K DCN 14-17.99
DCNS 160-048-160B-3D	16.00	16.90	16.00	50.42	69.6	2.420	48.0	117.70	16.0	K DCN 14-17.99
DCNS 170-051-170B-3D	17.00	17.90	17.00	53.59	71.9	2.590	48.0	119.90	17.0	K DCN 14-17.99
DCNS 180-054-180B-3D	18.00	18.90	18.00	56.73	75.5	2.730	48.0	123.50	18.0	K DCN 18-21.99
DCNS 190-057-190B-3D	19.00	19.90	19.00	59.88	78.6	2.880	54.0	132.60	19.0	K DCN 18-21.99
DCNS 200-060-200B-3D	20.00	20.90	20.00	63.02	88.1	3.020	54.0	142.10	20.0	K DCN 18-21.99
DCNS 210-063-210B-3D	21.00	21.90	21.00	66.18	90.7	3.180	60.0	150.70	21.0	K DCN 18-21.99
DCNS 220-066-220B-3D	22.00	22.90	22.00	69.32	94.3	3.320	60.0	154.30	22.0	K DCN 22-26.99
DCNS 230-069-230B-3D	23.00	23.90	23.00	72.46	97.8	3.460	60.0	157.80	23.0	K DCN 22-26.99
DCNS 240-072-240B-3D	24.00	24.90	24.00	75.62	101.3	3.620	60.0	161.40	24.0	K DCN 22-26.99
DCNS 250-075-250B-3D	25.00	25.90	25.00	78.80	105.0	3.800	60.0	165.00	25.0	K DCN 22-26.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 86-81

• For CHAMRING, see page 139

<sup>(1)</sup> Cutting diameter minimum

<sup>(2)</sup> Cutting diameter maximum

<sup>(3)</sup> Seat size code

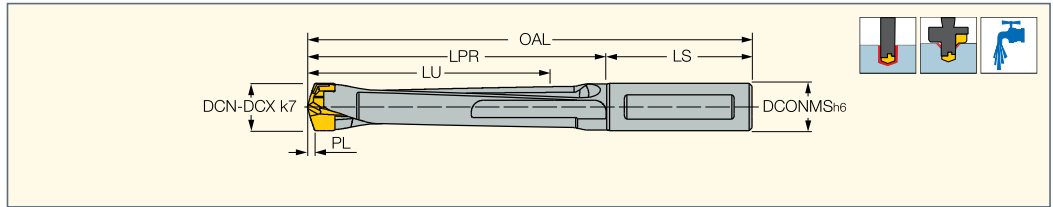
**For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)



**SUMO<sup>UNI</sup>CHAM**

**DCNS-5D**

Exchangeable Head Drills without a Flange and One Flat Shank, Drilling Depth 5xD, Suitable for Chamfering Holders



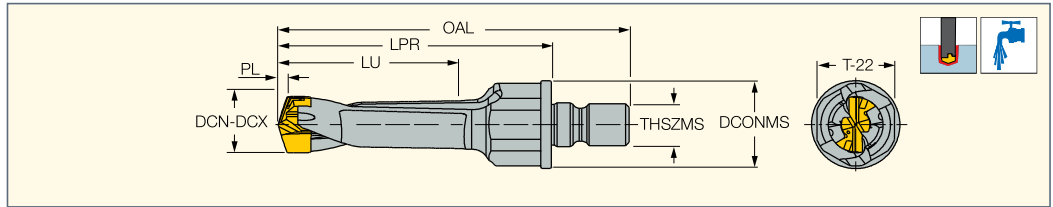
Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	LU	LPR	PL	LS	OAL	SSC <sup>(3)</sup>	
DCNS 075-037-080B-5D	7.50	7.90	8.00	38.60	49.2	1.100	36.0	85.20	7.0	K DCN 6-9.99
DCNS 080-040-080B-5D	8.00	8.40	8.00	41.20	56.4	1.200	36.0	92.40	8.0	K DCN 6-9.99
DCNS 085-042-090B-5D	8.50	8.90	9.00	43.79	53.9	1.290	36.0	89.90	8.0	K DCN 6-9.99
DCNS 090-045-090B-5D	9.00	9.40	9.00	46.35	56.8	1.350	36.0	92.80	9.0	K DCN 6-9.99
DCNS 095-048-100B-5D	9.50	9.90	10.00	48.94	59.2	1.440	36.0	95.30	9.0	K DCN 6-9.99
DCNS 100-050-100B-5D	10.00	10.40	10.00	51.50	65.2	1.500	41.0	106.20	10.0	K DCN 10-13.99
DCNS 105-053-110B-5D	10.50	10.90	11.00	54.09	67.7	1.590	41.0	108.70	10.0	K DCN 10-13.99
DCNS 110-055-110B-5D	11.00	11.40	11.00	56.67	70.6	1.670	41.0	111.60	11.0	K DCN 10-13.99
DCNS 115-058-120B-5D	11.50	11.90	12.00	59.26	73.1	1.760	41.0	114.10	11.0	K DCN 10-13.99
DCNS 120-060-120B-5D	12.00	12.40	12.00	61.82	75.9	1.820	41.0	117.00	12.0	K DCN 10-13.99
DCNS 125-062-130B-5D	12.50	12.90	13.00	64.41	78.5	1.910	46.0	124.50	12.0	K DCN 10-13.99
DCNS 130-065-130B-5D	13.00	13.40	13.00	66.96	81.5	1.960	47.0	128.60	13.0	K DCN 10-13.99
DCNS 135-068-140B-5D	13.50	13.90	14.00	69.55	84.1	2.050	43.0	127.10	13.0	K DCN 10-13.99
DCNS 140-070-140B-5D	14.00	14.40	14.00	72.12	87.1	2.120	44.0	131.20	14.0	K DCN 14-17.99
DCNS 145-073-150B-5D	14.50	14.90	15.00	74.71	89.7	2.210	45.0	134.70	14.0	K DCN 14-17.99
DCNS 150-075-150B-5D	15.00	15.90	15.00	77.27	92.7	2.270	45.0	137.70	15.0	K DCN 14-17.99
DCNS 160-080-160B-5D	16.00	16.90	16.00	82.42	101.7	2.420	48.0	149.70	16.0	K DCN 14-17.99
DCNS 170-085-170B-5D	17.00	17.90	17.00	87.59	105.9	2.590	48.0	153.90	17.0	K DCN 14-17.99
DCNS 180-090-180B-5D	18.00	18.90	18.00	92.73	111.5	2.730	48.0	159.50	18.0	K DCN 18-21.99
DCNS 190-095-190B-5D	19.00	19.90	19.00	97.88	116.6	2.880	54.0	170.60	19.0	K DCN 18-21.99
DCNS 200-100-200B-5D	20.00	20.90	20.00	103.02	128.1	3.020	54.0	182.10	20.0	K DCN 18-21.99
DCNS 210-105-210B-5D	21.00	21.90	21.00	108.18	132.6	3.180	60.0	192.70	21.0	K DCN 18-21.99
DCNS 220-110-220B-5D	22.00	22.90	22.00	113.32	138.3	3.320	60.0	198.30	22.0	K DCN 22-26.99
DCNS 230-115-230B-5D	23.00	23.90	23.00	118.46	143.8	3.460	60.0	203.80	23.0	K DCN 22-26.99
DCNS 240-120-240B-5D	24.00	24.90	24.00	123.62	149.4	3.620	60.0	209.40	24.0	K DCN 22-26.99
DCNS 250-125-250B-5D	25.00	25.90	25.00	128.80	155.0	3.800	60.0	215.00	25.0	K DCN 22-26.99

- Do not mount smaller drilling heads other than the specified range of the drill body
  - For user guide and cutting conditions, see pages 68-81
  - For CHAMRING, see page 139
  - (1) Cutting diameter minimum
  - (2) Cutting diameter maximum
  - (3) Seat size code
- For inserts, see pages:** ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)



**DCNM**

Modular SUMOCHAM Drill with FLEXFIT Connection for Multi-Spindle and Swiss-Type Machines



Designation	DCN <sup>(1)</sup>	DCX <sup>(2)</sup>	DCONMS	LU	LPR	PL	OAL	THSZMS	SSC <sup>(3)</sup>	TQ_3 <sup>(4)</sup>	
DCNM 060-018-M12-3D	6.00	6.40	25.00	22.00	42.0	0.960	64.00	M12	6.0	33	K DCN 6-9.99-Y
DCNM 065-020-M12-3D	6.50	6.90	25.00	24.30	44.3	1.180	66.30	M12	6.5	33	K DCN 6-9.99-Y
DCNM 070-021-M12-3D	7.00	7.40	25.00	25.60	45.6	1.010	67.60	M12	7.0	33	K DCN 6-9.99
DCNM 075-023-M12-3D	7.50	7.90	25.00	27.60	47.6	1.100	69.60	M12	7.0	33	K DCN 6-9.99
DCNM 080-024-M12-3D	8.00	8.40	25.00	29.40	49.4	1.200	71.40	M12	8.0	33	K DCN 6-9.99
DCNM 085-025-M12-3D	8.50	8.90	25.00	30.40	50.4	1.290	72.40	M12	8.0	33	K DCN 6-9.99
DCNM 090-027-M12-3D	9.00	9.40	25.00	32.80	52.8	1.350	74.80	M12	9.0	33	K DCN 6-9.99
DCNM 095-029-M12-3D	9.50	9.90	25.00	34.80	54.8	1.440	76.80	M12	9.0	33	K DCN 6-9.99
DCNM 100-030-M12-3D	10.00	10.40	25.00	36.20	56.2	1.500	78.20	M12	10.0	33	K DCN 10-13.99
DCNM 105-032-M12-3D	10.50	10.90	25.00	38.20	58.2	1.590	80.20	M12	10.0	33	K DCN 10-13.99
DCNM 110-033-M12-3D	11.00	11.40	25.00	39.60	59.6	1.670	81.60	M12	11.0	33	K DCN 10-13.99
DCNM 115-035-M12-3D	11.50	11.90	25.00	41.60	61.6	1.760	83.60	M12	11.0	33	K DCN 10-13.99
DCNM 120-036-M12-3D	12.00	12.40	25.00	43.00	63.0	1.820	85.00	M12	12.0	33	K DCN 10-13.99
DCNM 125-037-M12-3D	12.50	12.90	25.00	44.00	64.0	1.910	86.00	M12	12.0	33	K DCN 10-13.99
DCNM 130-039-M12-3D	13.00	13.40	25.00	46.60	66.6	1.960	88.60	M12	13.0	33	K DCN 10-13.99
DCNM 135-041-M12-3D	13.50	13.90	25.00	48.60	68.6	2.050	90.60	M12	13.0	33	K DCN 10-13.99
DCNM 140-042-M12-3D	14.00	14.40	25.00	50.20	70.2	2.120	92.15	M12	14.0	33	K DCN 14-17.99
DCNM 145-044-M12-3D	14.50	14.90	25.00	52.20	72.2	2.210	94.15	M12	14.0	33	K DCN 14-17.99
DCNM 150-045-M12-3D	15.00	15.90	25.00	53.70	73.7	2.270	95.73	M12	15.0	33	K DCN 14-17.99
DCNM 160-048-M12-3D	16.00	16.90	25.00	57.30	77.3	2.420	99.30	M12	16.0	33	K DCN 14-17.99
DCNM 170-051-M12-3D	17.00	17.90	25.00	60.90	80.9	2.590	102.90	M12	17.0	33	K DCN 14-17.99
DCNM 180-054-M12-3D	18.00	18.90	25.00	64.50	84.5	2.730	106.50	M12	18.0	33	K DCN 18-21.99
DCNM 190-057-M12-3D	19.00	19.90	25.00	68.00	88.0	2.880	110.00	M12	19.0	33	K DCN 18-21.99
DCNM 200-060-M12-3D	20.00	20.90	25.00	71.60	91.6	3.020	113.60	M12	20.0	33	K DCN 18-21.99

• Do not mount smaller drilling heads other than the specified range of the drill body • For user guide and cutting conditions, see pages 68-81

<sup>(1)</sup> Cutting diameter minimum

<sup>(2)</sup> Cutting diameter maximum

<sup>(3)</sup> Seat size code

<sup>(4)</sup> Tool tightening torque Nxm (lbfxin)

For inserts, see pages: ICP (18) • ICP-2M (24) • ICK (28) • ICK-2M (32) • ICM (36) • ICN (42) • QCP-2M (43) • HCP-IQ (47) • FCP (52) • ICG (57)

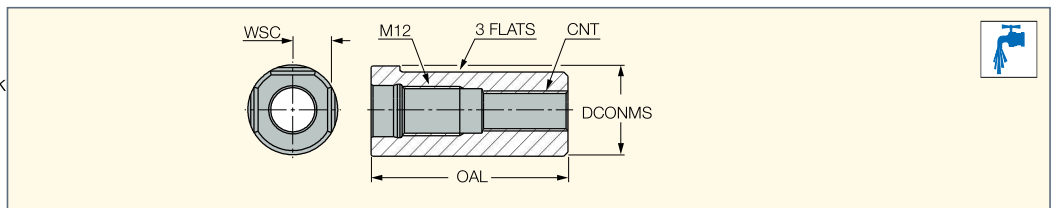
For holders, see pages: FLEXFIT HOLDER (17)

For more holders see ISCAR MILLING LINES catalog

**FLEXFIT**

**FLEXFIT HOLDER**

FLEXFIT Threaded Modular Shank with 3 Flats for Side Clamping



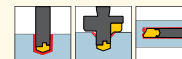
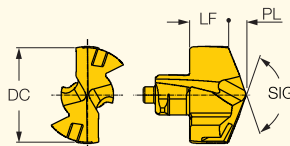
Designation	DCONMS	OAL	WSC <sup>(1)</sup>	CNT
FLEXFIT 160-HOLDER-DCN-MS	16.00	36.00	7.5	5/16"-24
FLEXFIT 1905-HOLDER-DCNMS	19.05	36.00	8.5	5/16"-24
FLEXFIT 200-HOLDER-DCN-MS	20.00	36.00	8.5	G1/8" BSP
FLEXFIT 220-HOLDER-DCN-MS	22.00	48.00	9.5	G1/8" BSP
FLEXFIT 250-HOLDER-DCN-MS	25.00	54.00	11.0	G1/8" BSP
FLEXFIT 254-HOLDER-DCN-MS	25.40	54.00	11.0	G1/8" BSP


<sup>(1)</sup> For all 3 flats

For tools, see pages: DCNM (17)



**ICP**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



Designation	Dimensions					SSC <sup>(1)</sup>		IC908
	DC	PL	LF	SIG				
ICP 040	4.00	0.620	2.48	140	4.0	SK DCN 4-4.99	●	
ICP 041	4.10	0.620	2.48	140	4.0	SK DCN 4-4.99	●	
ICP 042	4.20	0.620	2.48	140	4.0	SK DCN 4-4.99	●	
ICP 043	4.30	0.620	2.48	140	4.0	SK DCN 4-4.99	●	
ICP 044	4.40	0.620	2.48	140	4.0	SK DCN 4-4.99	●	
ICP 045	4.50	0.680	2.89	140	4.5	SK DCN 4-4.99	●	
ICP 046	4.60	0.680	2.87	140	4.5	SK DCN 4-4.99	●	
ICP 047	4.70	0.700	2.85	140	4.5	SK DCN 4-4.99	●	
ICP 048	4.80	0.710	2.84	140	4.5	SK DCN 4-4.99	●	
ICP 049	4.90	0.730	2.82	140	4.5	SK DCN 4-4.99	●	
ICP 050	5.00	0.730	2.97	140	5.0	SK DCN 5-5.99	●	
ICP 051	5.10	0.750	3.02	140	5.0	SK DCN 5-5.99	●	
ICP 052	5.20	0.770	3.00	140	5.0	SK DCN 5-5.99	●	
ICP 053	5.30	0.780	2.99	140	5.0	SK DCN 5-5.99	●	
ICP 054	5.40	0.800	2.97	140	5.0	SK DCN 5-5.99	●	
ICP 055	5.50	0.810	3.04	140	5.5	SK DCN 5-5.99	●	
ICP 056	5.60	0.830	3.02	140	5.5	SK DCN 5-5.99	●	
ICP 057	5.70	0.850	3.00	140	5.5	SK DCN 5-5.99	●	
ICP 058	5.80	0.860	2.99	140	5.5	SK DCN 5-5.99	●	
ICP 059	5.90	0.880	2.97	140	5.5	SK DCN 5-5.99	●	
ICP 060	6.00	0.960	3.04	140	6.0		●	
ICP 061	6.10	0.980	3.02	140	6.0		●	
ICP 062	6.20	1.000	3.00	140	6.0		●	
ICP 063	6.30	1.010	2.99	140	6.0		●	
ICP 0635	6.35	1.020	2.98	140	6.0		●	
ICP 064	6.40	1.030	2.97	140	6.0		●	
ICP 065	6.50	1.180	3.12	140	6.5		●	
ICP 066	6.60	1.200	3.10	140	6.5		●	
ICP 067	6.70	1.220	3.08	140	6.5		●	
ICP 068	6.80	1.230	3.07	140	6.5		●	
ICP 069	6.90	1.250	3.05	140	6.5		●	
ICP 070	7.00	1.010	3.59	140	7.0		●	
ICP 071	7.10	1.030	3.57	140	7.0		●	
ICP 072	7.20	1.050	3.55	140	7.0		●	
ICP 073	7.30	1.060	3.54	140	7.0		●	
ICP 074	7.40	1.080	3.52	140	7.0		●	
ICP 075	7.50	1.100	3.50	140	7.0		●	
ICP 076	7.60	1.120	3.48	140	7.0		●	
ICP 077	7.70	1.140	3.46	140	7.0		●	
ICP 078	7.80	1.160	3.44	140	7.0		●	
ICP 079	7.90	1.170	3.43	140	7.0		●	
ICP 080	8.00	1.200	4.20	140	8.0		●	
ICP 081	8.10	1.220	4.18	140	8.0		●	
ICP 082	8.20	1.240	4.16	140	8.0		●	
ICP 083	8.30	1.250	4.15	140	8.0		●	
ICP 084	8.40	1.270	4.13	140	8.0		●	
ICP 085	8.50	1.290	4.11	140	8.0		●	
ICP 086	8.60	1.310	4.09	140	8.0		●	
ICP 087	8.70	1.330	4.07	140	8.0		●	
ICP 088	8.80	1.350	4.05	140	8.0		●	
ICP 089	8.90	1.360	4.04	140	8.0		●	
ICP 090	9.00	1.350	4.45	140	9.0		●	
ICP 091	9.10	1.370	4.43	140	9.0		●	
ICP 092	9.20	1.390	4.41	140	9.0		●	
ICP 093	9.30	1.400	4.40	140	9.0		●	

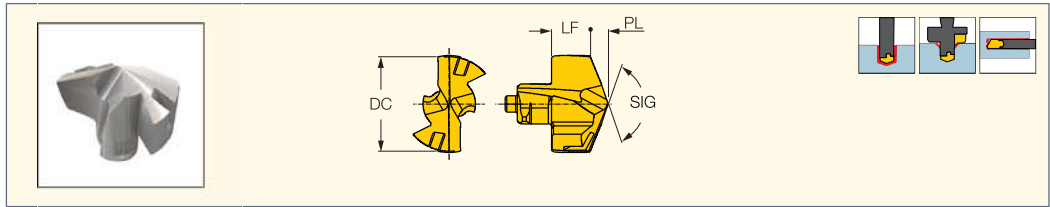
• The drill head has a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)

**ICP (continued)**

Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



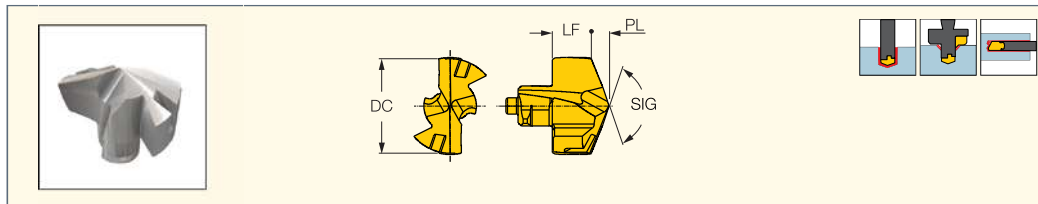
Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	PL	LF	SIG			
ICP 094	9.40	1.420	4.38	140	9.0	●	
ICP 095	9.50	1.440	4.36	140	9.0	●	
ICP 096	9.60	1.460	4.34	140	9.0	●	
ICP 097	9.70	1.480	4.32	140	9.0	●	
ICP 098	9.80	1.500	4.30	140	9.0	●	
ICP 099	9.90	1.510	4.29	140	9.0	●	
ICP 100	10.00	1.500	4.70	140	10.0	●	
ICP 101	10.10	1.520	4.68	140	10.0	●	
ICP 102	10.20	1.540	4.66	140	10.0	●	
ICP 103	10.30	1.550	4.65	140	10.0	●	
ICP 104	10.40	1.570	4.63	140	10.0	●	
ICP 105	10.50	1.590	4.61	140	10.0	●	
ICP 106	10.60	1.610	4.59	140	10.0	●	
ICP 107	10.70	1.630	4.57	140	10.0	●	
ICP 108	10.80	1.650	4.55	140	10.0	●	
ICP 109	10.90	1.660	4.54	140	10.0	●	
ICP 110	11.00	1.670	4.93	140	11.0	●	
ICP 111	11.10	1.690	4.91	140	11.0	●	
ICP 112	11.20	1.710	4.89	140	11.0	●	
ICP 113	11.30	1.720	4.88	140	11.0	●	
ICP 114	11.40	1.740	4.86	140	11.0	●	
ICP 115	11.50	1.760	4.84	140	11.0	●	
ICP 116	11.60	1.780	4.82	140	11.0	●	
ICP 117	11.70	1.800	4.80	140	11.0	●	
ICP 118	11.80	1.820	4.78	140	11.0	●	
ICP 119	11.90	1.830	4.77	140	11.0	●	
ICP 120	12.00	1.820	5.18	140	12.0	●	
ICP 121	12.10	1.320	5.16	140	12.0	●	
ICP 122	12.20	1.340	5.14	140	12.0	●	
ICP 123	12.30	1.350	5.13	140	12.0	●	
ICP 124	12.40	1.370	5.11	140	12.0	●	
ICP 125	12.50	1.390	5.09	140	12.0	●	
ICP 126	12.60	1.410	5.07	140	12.0	●	
ICP 127	12.70	1.430	5.05	140	12.0	●	
ICP 128	12.80	1.450	5.03	140	12.0	●	
ICP 129	12.90	1.460	5.02	140	12.0	●	
ICP 130	13.00	1.960	5.64	140	13.0	●	
ICP 131	13.10	1.980	5.62	140	13.0	●	
ICP 132	13.20	2.000	5.60	140	13.0	●	
ICP 133	13.30	2.010	5.59	140	13.0	●	
ICP 134	13.40	2.030	5.57	140	13.0	●	
ICP 135	13.50	2.050	5.55	140	13.0	●	
ICP 136	13.60	2.070	5.53	140	13.0	●	
ICP 137	13.70	2.090	5.51	140	13.0	●	
ICP 138	13.80	2.110	5.49	140	13.0	●	
ICP 139	13.90	2.120	5.48	140	13.0	●	
ICP 140	14.00	2.120	6.03	140	14.0	●	
ICP 141	14.10	2.140	6.01	140	14.0	●	
ICP 142	14.20	2.160	5.99	140	14.0	●	
ICP 143	14.30	2.170	5.98	140	14.0	●	
ICP 144	14.40	2.190	5.96	140	14.0	●	
ICP 145	14.50	2.210	5.94	140	14.0	●	
ICP 146	14.60	2.230	5.92	140	14.0	●	
ICP 147	14.70	2.250	5.90	140	14.0	●	

• The drill head has a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)

**ICP (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



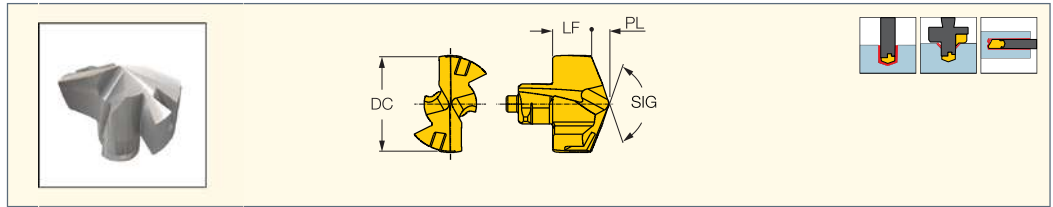
Designation	Dimensions						IC908
	DC	PL	LF	SIG	SSC <sup>(1)</sup>		
ICP 148	14.80	2.270	5.88	140	14.0	●	
ICP 149	14.90	2.280	5.87	140	14.0	●	
ICP 150	15.00	2.270	6.46	140	15.0	●	
ICP 151	15.10	2.290	6.44	140	15.0	●	
ICP 152	15.20	2.310	6.42	140	15.0	●	
ICP 153	15.30	2.320	6.41	140	15.0	●	
ICP 154	15.40	2.340	6.39	140	15.0	●	
ICP 155	15.50	2.360	6.37	140	15.0	●	
ICP 156	15.60	2.380	6.35	140	15.0	●	
ICP 157	15.70	2.400	6.33	140	15.0	●	
ICP 158	15.80	2.420	6.31	140	15.0	●	
ICP 159	15.90	2.430	6.30	140	15.0	●	
ICP 160	16.00	2.420	6.88	140	16.0	●	
ICP 161	16.10	2.440	6.86	140	16.0	●	
ICP 162	16.20	2.460	6.84	140	16.0	●	
ICP 163	16.30	2.470	6.83	140	16.0	●	
ICP 164	16.40	2.490	6.81	140	16.0	●	
ICP 165	16.50	2.510	6.79	140	16.0	●	
ICP 166	16.60	2.530	6.77	140	16.0	●	
ICP 167	16.70	2.550	6.75	140	16.0	●	
ICP 168	16.80	2.570	6.73	140	16.0	●	
ICP 169	16.90	2.580	6.72	140	16.0	●	
ICP 170	17.00	2.590	7.31	140	17.0	●	
ICP 171	17.10	2.610	7.29	140	17.0	●	
ICP 172	17.20	2.630	7.27	140	17.0	●	
ICP 173	17.30	2.640	7.26	140	17.0	●	
ICP 174	17.40	2.660	7.24	140	17.0	●	
ICP 175	17.50	2.680	7.22	140	17.0	●	
ICP 176	17.60	2.700	7.20	140	17.0	●	
ICP 177	17.70	2.720	7.18	140	17.0	●	
ICP 178	17.80	2.740	7.16	140	17.0	●	
ICP 179	17.90	2.750	7.15	140	17.0	●	
ICP 180	18.00	2.730	7.77	140	18.0	●	
ICP 181	18.10	2.750	7.75	140	18.0	●	
ICP 182	18.20	2.770	7.73	140	18.0	●	
ICP 183	18.30	2.780	7.72	140	18.0	●	
ICP 184	18.40	2.800	7.70	140	18.0	●	
ICP 185	18.50	2.820	7.68	140	18.0	●	
ICP 186	18.60	2.840	7.66	140	18.0	●	
ICP 187	18.70	2.860	7.64	140	18.0	●	
ICP 188	18.80	2.880	7.62	140	18.0	●	
ICP 189	18.90	2.890	7.61	140	18.0	●	
ICP 190	19.00	2.880	8.12	140	19.0	●	
ICP 1905	19.05	2.890	8.11	140	19.0	●	
ICP 191	19.10	2.900	8.10	140	19.0	●	
ICP 192	19.20	2.920	8.08	140	19.0	●	
ICP 1927	19.27	2.930	8.07	140	19.0	●	
ICP 193	19.30	2.930	8.07	140	19.0	●	
ICP 194	19.40	2.950	8.05	140	19.0	●	
ICP 195	19.50	2.970	8.03	140	19.0	●	
ICP 196	19.60	2.990	8.01	140	19.0	●	
ICP 197	19.70	3.010	7.99	140	19.0	●	
ICP 198	19.80	3.030	7.97	140	19.0	●	
ICP 199	19.90	3.040	7.96	140	19.0	●	
ICP 200	20.00	3.020	8.58	140	20.0	●	

• The drill head has a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)

**ICP (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



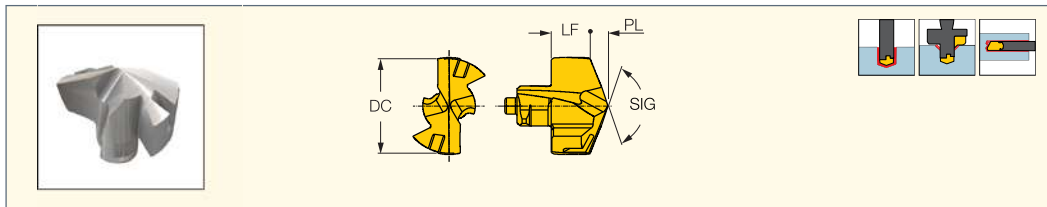
Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	PL	LF	SIG			
ICP 201	20.10	3.040	8.56	140	20.0	●	
ICP 202	20.20	3.060	8.54	140	20.0	●	
ICP 203	20.30	3.070	8.53	140	20.0	●	
ICP 204	20.40	3.090	8.51	140	20.0	●	
ICP 205	20.50	3.110	8.49	140	20.0	●	
ICP 206	20.60	3.130	8.47	140	20.0	●	
ICP 207	20.70	3.150	8.45	140	20.0	●	
ICP 208	20.80	3.170	8.43	140	20.0	●	
ICP 209	20.90	3.180	8.42	140	20.0	●	
ICP 210	21.00	3.180	9.00	140	21.0	●	
ICP 211	21.10	3.200	8.98	140	21.0	●	
ICP 212	21.20	3.220	8.96	140	21.0	●	
ICP 213	21.30	3.230	8.95	140	21.0	●	
ICP 214	21.40	3.250	8.93	140	21.0	●	
ICP 215	21.50	3.270	8.91	140	21.0	●	
ICP 216	21.60	3.290	8.89	140	21.0	●	
ICP 217	21.70	3.310	8.87	140	21.0	●	
ICP 218	21.80	3.330	8.85	140	21.0	●	
ICP 219	21.90	3.340	8.84	140	21.0	●	
ICP 220	22.00	3.320	9.44	140	22.0	●	
ICP 221	22.10	3.340	9.42	140	22.0	●	
ICP 222	22.20	3.360	9.40	140	22.0	●	
ICP 223	22.30	3.370	9.39	140	22.0	●	
ICP 224	22.40	3.390	9.37	140	22.0	●	
ICP 225	22.50	3.410	9.35	140	22.0	●	
ICP 226	22.60	3.430	9.33	140	22.0	●	
ICP 227	22.70	3.450	9.31	140	22.0	●	
ICP 228	22.80	3.470	9.29	140	22.0	●	
ICP 229	22.90	3.480	9.28	140	22.0	●	
ICP 230	23.00	3.460	9.87	140	23.0	●	
ICP 231	23.10	3.480	9.85	140	23.0	●	
ICP 232	23.20	3.500	9.83	140	23.0	●	
ICP 233	23.30	3.510	9.82	140	23.0	●	
ICP 234	23.40	3.530	9.80	140	23.0	●	
ICP 235	23.50	3.550	9.78	140	23.0	●	
ICP 236	23.60	3.570	9.76	140	23.0	●	
ICP 237	23.70	3.590	9.74	140	23.0	●	
ICP 238	23.80	3.610	9.72	140	23.0	●	
ICP 239	23.90	3.620	9.71	140	23.0	●	
ICP 240	24.00	3.620	10.28	140	24.0	●	
ICP 241	24.10	3.640	10.26	140	24.0	●	
ICP 242	24.20	3.660	10.24	140	24.0	●	
ICP 243	24.30	3.670	10.23	140	24.0	●	
ICP 244	24.40	3.690	10.21	140	24.0	●	
ICP 245	24.50	3.710	10.19	140	24.0	●	
ICP 246	24.60	3.730	10.17	140	24.0	●	
ICP 247	24.70	3.750	10.15	140	24.0	●	
ICP 248	24.80	3.770	10.13	140	24.0	●	
ICP 249	24.90	3.780	10.12	140	24.0	●	
ICP 250	25.00	3.800	10.70	140	25.0	●	
ICP 251	25.10	3.820	10.68	140	25.0	●	
ICP 252	25.20	3.840	10.66	140	25.0	●	
ICP 253	25.30	3.850	10.65	140	25.0	●	
ICP 254	25.40	3.870	10.63	140	25.0	●	
ICP 255	25.50	3.890	10.61	140	25.0	●	

• The drill head has a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)

**ICP (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	PL	LF	SIG			
ICP 256	25.60	3.910	10.59	140		25.0	●
ICP 257	25.70	3.930	10.57	140		25.0	●
ICP 258	25.80	3.950	10.55	140		25.0	●
ICP 259	25.90	3.960	10.54	140		25.0	●
ICP 260	26.00	3.950	11.12	140		26.0	●
ICP 261	26.10	3.970	11.10	140		26.0	●
ICP 262	26.20	3.990	11.08	140		26.0	●
ICP 263	26.30	4.000	11.07	140		26.0	●
ICP 264	26.40	4.020	11.05	140		26.0	●
ICP 265	26.50	4.040	11.03	140		26.0	●
ICP 266	26.60	4.060	11.01	140		26.0	●
ICP 267	26.70	4.080	10.99	140		26.0	●
ICP 268	26.80	4.100	10.97	140		26.0	●
ICP 269	26.90	4.110	10.96	140		26.0	●
ICP 270	27.00	4.100	11.55	140		27.0	●
ICP 271	27.10	4.120	11.53	140		27.0	●
ICP 272	27.20	4.140	11.51	140		27.0	●
ICP 273	27.30	4.150	11.50	140		27.0	●
ICP 274	27.40	4.170	11.48	140		27.0	●
ICP 275	27.50	4.190	11.46	140		27.0	●
ICP 276	27.60	4.210	11.44	140		27.0	●
ICP 277	27.70	4.230	11.42	140		27.0	●
ICP 278	27.80	4.250	11.40	140		27.0	●
ICP 279	27.90	4.260	11.39	140		27.0	●
ICP 280	28.00	4.250	11.97	140		28.0	●
ICP 281	28.10	4.270	11.95	140		28.0	●
ICP 282	28.20	4.290	11.93	140		28.0	●
ICP 283	28.30	4.300	11.92	140		28.0	●
ICP 284	28.40	4.320	11.90	140		28.0	●
ICP 285	28.50	4.340	11.88	140		28.0	●
ICP 2858	28.58	4.360	11.86	140		28.0	●
ICP 286	28.60	4.360	11.86	140		28.0	●
ICP 287	28.70	4.380	11.84	140		28.0	●
ICP 288	28.80	4.400	11.82	140		28.0	●
ICP 289	28.90	4.410	11.81	140		28.0	●
ICP 290	29.00	4.430	12.37	140		29.0	●
ICP 291	29.10	4.450	12.35	140		29.0	●
ICP 292	29.20	4.470	12.33	140		29.0	●
ICP 293	29.30	4.480	12.32	140		29.0	●
ICP 294	29.40	4.500	12.30	140		29.0	●
ICP 295	29.50	4.520	12.28	140		29.0	●
ICP 296	29.60	4.540	12.26	140		29.0	●
ICP 297	29.70	4.560	12.24	140		29.0	●
ICP 298	29.80	4.580	12.22	140		29.0	●
ICP 299	29.90	4.590	12.21	140		29.0	●
ICP 300	30.00	4.590	12.79	140		30.0	●
ICP 301	30.10	4.610	12.77	140		30.0	●
ICP 302	30.20	4.630	12.75	140		30.0	●
ICP 303	30.30	4.640	12.74	140		30.0	●
ICP 304	30.40	4.660	12.72	140		30.0	●
ICP 305	30.50	4.680	12.70	140		30.0	●
ICP 306	30.60	4.700	12.68	140		30.0	●
ICP 307	30.70	4.720	12.66	140		30.0	●
ICP 308	30.80	4.740	12.64	140		30.0	●

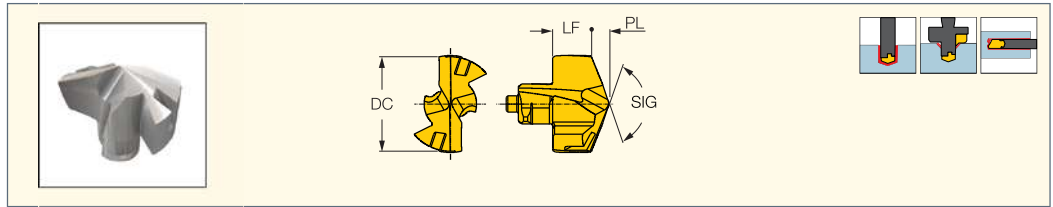
• The drill head has a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)



**ICP (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO P Materials



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	PL	LF	SIG			
ICP 309	30.90	4.750	12.63	140	30.0	●	
ICP 310	31.00	4.760	13.20	140	31.0	●	
ICP 311	31.10	4.780	13.18	140	31.0	●	
ICP 312	31.20	4.800	13.16	140	31.0	●	
ICP 313	31.30	4.810	13.15	140	31.0	●	
ICP 314	31.40	4.830	13.13	140	31.0	●	
ICP 315	31.50	4.850	13.11	140	31.0	●	
ICP 316	31.60	4.870	13.09	140	31.0	●	
ICP 317	31.70	4.890	13.07	140	31.0	●	
ICP 3175	31.75	4.900	13.06	140	31.0	●	
ICP 318	31.80	4.910	13.05	140	31.0	●	
ICP 319	31.90	4.920	13.04	140	31.0	●	
ICP 320	32.00	4.860	13.68	140	32.0	●	
ICP 321	32.10	4.880	13.66	140	32.0	●	
ICP 322	32.20	4.900	13.64	140	32.0	●	
ICP 323	32.30	4.910	13.63	140	32.0	●	
ICP 324	32.40	4.930	13.61	140	32.0	●	
ICP 325	32.50	4.950	13.59	140	32.0	●	
ICP 326	32.60	4.970	13.57	140	32.0	●	
ICP 327	32.70	4.990	13.55	140	32.0	●	
ICP 328	32.80	5.010	13.53	140	32.0	●	
ICP 329	32.90	5.020	13.52	140	32.0	●	

• The drill head has a honed cutting edge • For cutting conditions see page 68-81

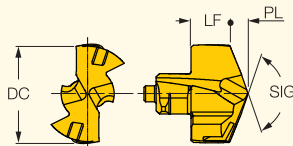
<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)



**ICP-2M**

Exchangeable Double Margin Drilling Heads for DCN Drills, for Machining ISO P Materials with High Surface Finish Results



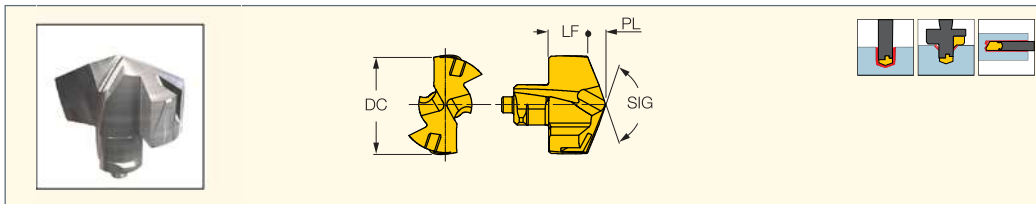
Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
ICP 060-2M	6.00	2.91	1.090	140	6.0	●	
ICP 061-2M	6.10	2.89	1.110	140	6.0	●	
ICP 062-2M	6.20	2.87	1.130	140	6.0	●	
ICP 064-2M	6.40	2.84	1.160	140	6.0	●	
ICP 065-2M	6.50	3.12	1.180	140	6.5	●	
ICP 066-2M	6.60	3.10	1.200	140	6.5	●	
ICP 067-2M	6.70	3.08	1.220	140	6.5	●	
ICP 068-2M	6.80	3.06	1.240	140	6.5	●	
ICP 069-2M	6.90	3.04	1.260	140	6.5	●	
ICP 070-2M	7.00	3.33	1.270	140	7.0	●	
ICP 071-2M	7.10	3.31	1.290	140	7.0	●	
ICP 073-2M	7.30	3.27	1.330	140	7.0	●	
ICP 074-2M	7.40	3.25	1.350	140	7.0	●	
ICP 075-2M	7.50	3.24	1.360	140	7.0	●	
ICP 077-2M	7.70	3.20	1.400	140	7.0	●	
ICP 078-2M	7.80	3.18	1.420	140	7.0	●	
ICP 079-2M	7.90	3.16	1.440	140	7.0	●	
ICP 080-2M	8.00	3.94	1.460	140	8.0	●	
ICP 081-2M	8.10	3.93	1.470	140	8.0	●	
ICP 082-2M	8.20	3.91	1.490	140	8.0	●	
ICP 083-2M	8.30	3.89	1.510	140	8.0	●	
ICP 084-2M	8.40	3.87	1.530	140	8.0	●	
ICP 085-2M	8.50	3.85	1.550	140	8.0	●	
ICP 086-2M	8.60	3.83	1.570	140	8.0	●	
ICP 087-2M	8.70	3.82	1.580	140	8.0	●	
ICP 088-2M	8.80	3.80	1.600	140	8.0	●	
ICP 089-2M	8.90	3.78	1.620	140	8.0	●	
ICP 090-2M	9.00	4.16	1.640	140	9.0	●	
ICP 091-2M	9.10	4.14	1.660	140	9.0	●	
ICP 092-2M	9.20	4.13	1.670	140	9.0	●	
ICP 093-2M	9.30	4.11	1.690	140	9.0	●	
ICP 094-2M	9.40	4.09	1.710	140	9.0	●	
ICP 095-2M	9.50	4.07	1.730	140	9.0	●	
ICP 096-2M	9.60	4.05	1.750	140	9.0	●	
ICP 097-2M	9.70	4.03	1.770	140	9.0	●	
ICP 098-2M	9.80	4.02	1.780	140	9.0	●	
ICP 099-2M	9.90	4.00	1.800	140	9.0	●	
ICP 100-2M	10.00	4.38	1.820	140	10.0	●	
ICP 101-2M	10.10	4.36	1.840	140	10.0	●	
ICP 102-2M	10.20	4.34	1.860	140	10.0	●	
ICP 103-2M	10.30	4.33	1.870	140	10.0	●	
ICP 104-2M	10.40	4.31	1.890	140	10.0	●	
ICP 105-2M	10.50	4.29	1.910	140	10.0	●	
ICP 106-2M	10.60	4.27	1.930	140	10.0	●	
ICP 107-2M	10.70	4.25	1.950	140	10.0	●	
ICP 108-2M	10.80	4.23	1.970	140	10.0	●	
ICP 109-2M	10.90	4.22	1.980	140	10.0	●	
ICP 110-2M	11.00	4.60	2.000	140	11.0	●	
ICP 111-2M	11.10	4.58	2.020	140	11.0	●	
ICP 112-2M	11.20	4.56	2.040	140	11.0	●	
ICP 113-2M	11.30	4.54	2.060	140	11.0	●	
ICP 114-2M	11.40	4.53	2.070	140	11.0	●	
ICP 115-2M	11.50	4.51	2.090	140	11.0	●	
ICP 116-2M	11.60	4.49	2.110	140	11.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)

**ICP-2M (continued)**  
Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO P Materials with  
High Surface Finish Results



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
ICP 117-2M	11.70	4.47	2.130	140	11.0	●	
ICP 118-2M	11.80	4.45	2.150	140	11.0	●	
ICP 119-2M	11.90	4.43	2.170	140	11.0	●	
ICP 120-2M	12.00	4.82	2.180	140	12.0	●	
ICP 121-2M	12.10	4.80	2.200	140	12.0	●	
ICP 122-2M	12.20	4.78	2.220	140	12.0	●	
ICP 123-2M	12.30	4.76	2.240	140	12.0	●	
ICP 124-2M	12.40	4.74	2.260	140	12.0	●	
ICP 125-2M	12.50	4.73	2.270	140	12.0	●	
ICP 126-2M	12.60	4.71	2.290	140	12.0	●	
ICP 127-2M	12.70	4.69	2.310	140	12.0	●	
ICP 128-2M	12.80	4.67	2.330	140	12.0	●	
ICP 129-2M	12.90	4.65	2.350	140	12.0	●	
ICP 130-2M	13.00	5.23	2.370	140	13.0	●	
ICP 131-2M	13.10	5.22	2.380	140	13.0	●	
ICP 132-2M	13.20	5.20	2.400	140	13.0	●	
ICP 133-2M	13.30	5.18	2.420	140	13.0	●	
ICP 134-2M	13.40	5.16	2.440	140	13.0	●	
ICP 135-2M	13.50	5.14	2.460	140	13.0	●	
ICP 136-2M	13.60	5.13	2.470	140	13.0	●	
ICP 137-2M	13.70	5.11	2.490	140	13.0	●	
ICP 138-2M	13.80	5.09	2.510	140	13.0	●	
ICP 139-2M	13.90	5.07	2.530	140	13.0	●	
ICP 140-2M	14.00	5.60	2.550	140	14.0	●	
ICP 141-2M	14.10	5.58	2.570	140	14.0	●	
ICP 142-2M	14.20	5.57	2.580	140	14.0	●	
ICP 143-2M	14.30	5.55	2.600	140	14.0	●	
ICP 144-2M	14.40	5.53	2.620	140	14.0	●	
ICP 145-2M	14.50	5.51	2.640	140	14.0	●	
ICP 146-2M	14.60	5.49	2.660	140	14.0	●	
ICP 147-2M	14.70	5.47	2.680	140	14.0	●	
ICP 148-2M	14.80	5.46	2.690	140	14.0	●	
ICP 149-2M	14.90	5.44	2.710	140	14.0	●	
ICP 150-2M	15.00	6.00	2.730	140	15.0	●	
ICP 151-2M	15.10	5.98	2.750	140	15.0	●	
ICP 152-2M	15.20	5.96	2.770	140	15.0	●	
ICP 153-2M	15.30	5.95	2.780	140	15.0	●	
ICP 154-2M	15.40	5.93	2.800	140	15.0	●	
ICP 155-2M	15.50	5.91	2.820	140	15.0	●	
ICP 156-2M	15.60	5.89	2.840	140	15.0	●	
ICP 157-2M	15.70	5.87	2.860	140	15.0	●	
ICP 158-2M	15.80	5.85	2.880	140	15.0	●	
ICP 159-2M	15.90	5.84	2.890	140	15.0	●	
ICP 160-2M	16.00	6.39	2.910	140	16.0	●	
ICP 161-2M	16.10	6.37	2.930	140	16.0	●	
ICP 162-2M	16.20	6.35	2.950	140	16.0	●	
ICP 163-2M	16.30	6.33	2.970	140	16.0	●	
ICP 165-2M	16.50	6.30	3.000	140	16.0	●	
ICP 166-2M	16.60	6.28	3.020	140	16.0	●	
ICP 167-2M	16.70	6.26	3.040	140	16.0	●	
ICP 170-2M	17.00	6.81	3.090	140	17.0	●	
ICP 171-2M	17.10	6.79	3.110	140	17.0	●	
ICP 172-2M	17.20	6.77	3.130	140	17.0	●	
ICP 174-2M	17.40	6.73	3.170	140	17.0	●	

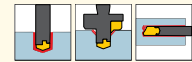
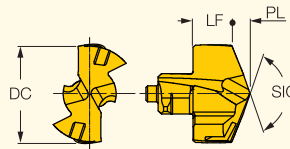
• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)

**ICP-2M (continued)**

Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO P Materials with  
High Surface Finish Results



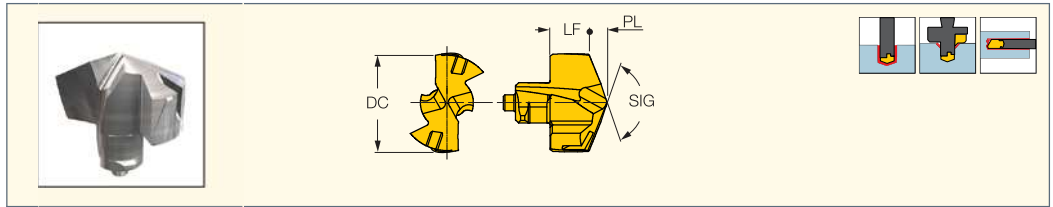
Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
ICP 175-2M	17.50	6.72	3.180	140	17.0	●	
ICP 177-2M	17.70	6.68	3.220	140	17.0	●	
ICP 178-2M	17.80	6.66	3.240	140	17.0	●	
ICP 179-2M	17.90	6.64	3.260	140	17.0	●	
ICP 180-2M	18.00	7.22	3.280	140	18.0	●	
ICP 181-2M	18.10	7.21	3.290	140	18.0	●	
ICP 182-2M	18.20	7.19	3.310	140	18.0	●	
ICP 183-2M	18.30	7.17	3.330	140	18.0	●	
ICP 184-2M	18.40	7.15	3.350	140	18.0	●	
ICP 185-2M	18.50	7.13	3.370	140	18.0	●	
ICP 186-2M	18.60	7.12	3.380	140	18.0	●	
ICP 187-2M	18.70	7.10	3.400	140	18.0	●	
ICP 188-2M	18.80	7.08	3.420	140	18.0	●	
ICP 189-2M	18.90	7.06	3.440	140	18.0	●	
ICP 190-2M	19.00	7.54	3.460	140	19.0	●	
ICP 191-2M	19.10	7.52	3.480	140	19.0	●	
ICP 192-2M	19.20	7.51	3.490	140	19.0	●	
ICP 1925-2M	19.25	7.50	3.500	140	19.0	●	
ICP 1927-2M	19.27	7.49	3.510	140	19.0	●	
ICP 193-2M	19.30	7.49	3.510	140	19.0	●	
ICP 194-2M	19.40	7.47	3.530	140	19.0	●	
ICP 195-2M	19.50	7.45	3.550	140	19.0	●	
ICP 196-2M	19.60	7.43	3.570	140	19.0	●	
ICP 197-2M	19.70	7.41	3.590	140	19.0	●	
ICP 198-2M	19.80	7.40	3.600	140	19.0	●	
ICP 199-2M	19.90	7.38	3.620	140	19.0	●	
ICP 200-2M	20.00	7.96	3.640	140	20.0	●	
ICP 201-2M	20.10	7.94	3.660	140	20.0	●	
ICP 202-2M	20.20	7.92	3.680	140	20.0	●	
ICP 203-2M	20.30	7.91	3.690	140	20.0	●	
ICP 204-2M	20.40	7.89	3.710	140	20.0	●	
ICP 206-2M	20.60	7.85	3.750	140	20.0	●	
ICP 207-2M	20.70	7.83	3.770	140	20.0	●	
ICP 208-2M	20.80	7.81	3.790	140	20.0	●	
ICP 209-2M	20.90	7.80	3.800	140	20.0	●	
ICP 210-2M	21.00	8.38	3.820	140	21.0	●	
ICP 211-2M	21.10	8.36	3.840	140	21.0	●	
ICP 212-2M	21.20	8.34	3.860	140	21.0	●	
ICP 213-2M	21.30	8.32	3.880	140	21.0	●	
ICP 214-2M	21.40	8.31	3.890	140	21.0	●	
ICP 215-2M	21.50	8.29	3.910	140	21.0	●	
ICP 216-2M	21.60	8.27	3.930	140	21.0	●	
ICP 217-2M	21.70	8.25	3.950	140	21.0	●	
ICP 218-2M	21.80	8.23	3.970	140	21.0	●	
ICP 219-2M	21.90	8.21	3.990	140	21.0	●	
ICP 220-2M	22.00	8.80	4.000	140	22.0	●	
ICP 221-2M	22.10	8.78	4.020	140	22.0	●	
ICP 222-2M	22.20	8.76	4.040	140	22.0	●	
ICP 223-2M	22.30	8.74	4.060	140	22.0	●	
ICP 224-2M	22.40	8.72	4.080	140	22.0	●	
ICP 225-2M	22.50	8.71	4.090	140	22.0	●	
ICP 226-2M	22.60	8.69	4.110	140	22.0	●	
ICP 227-2M	22.70	8.67	4.130	140	22.0	●	
ICP 228-2M	22.80	8.65	4.150	140	22.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)

**ICP-2M (continued)**  
Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO P Materials with  
High Surface Finish Results



Designation	Dimensions						IC908
	DC	LF	PL	SIG	SSC <sup>(1)</sup>		
ICP 229-2M	22.90	8.63	4.170	140	22.0	●	
ICP 230-2M	23.00	9.11	4.190	140	23.0	●	
ICP 231-2M	23.10	9.10	4.200	140	23.0	●	
ICP 232-2M	23.20	9.08	4.220	140	23.0	●	
ICP 233-2M	23.30	9.06	4.240	140	23.0	●	
ICP 234-2M	23.40	9.04	4.260	140	23.0	●	
ICP 235-2M	23.50	9.02	4.280	140	23.0	●	
ICP 236-2M	23.60	9.01	4.290	140	23.0	●	
ICP 237-2M	23.70	8.99	4.310	140	23.0	●	
ICP 238-2M	23.80	8.97	4.330	140	23.0	●	
ICP 239-2M	23.90	8.95	4.350	140	23.0	●	
ICP 240-2M	24.00	9.53	4.370	140	24.0	●	
ICP 241-2M	24.10	9.51	4.390	140	24.0	●	
ICP 242-2M	24.20	9.50	4.400	140	24.0	●	
ICP 243-2M	24.30	9.48	4.420	140	24.0	●	
ICP 245-2M	24.50	9.44	4.460	140	24.0	●	
ICP 246-2M	24.60	9.42	4.480	140	24.0	●	
ICP 247-2M	24.70	9.40	4.500	140	24.0	●	
ICP 248-2M	24.80	9.39	4.510	140	24.0	●	
ICP 249-2M	24.90	9.37	4.530	140	24.0	●	
ICP 250-2M	25.00	9.95	4.550	140	25.0	●	
ICP 251-2M	25.10	9.93	4.570	140	25.0	●	
ICP 252-2M	25.20	9.91	4.590	140	25.0	●	
ICP 253-2M	25.30	9.90	4.600	140	25.0	●	
ICP 254-2M	25.40	9.88	4.620	140	25.0	●	
ICP 255-2M	25.50	9.86	4.640	140	25.0	●	
ICP 256-2M	25.60	9.84	4.660	140	25.0	●	
ICP 2567-2M	25.67	10.58	3.920	140	25.0	●	
ICP 257-2M	25.70	9.82	4.680	140	25.0	●	
ICP 258-2M	25.80	9.80	4.700	140	25.0	●	
ICP 259-2M	25.90	9.79	4.710	140	25.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

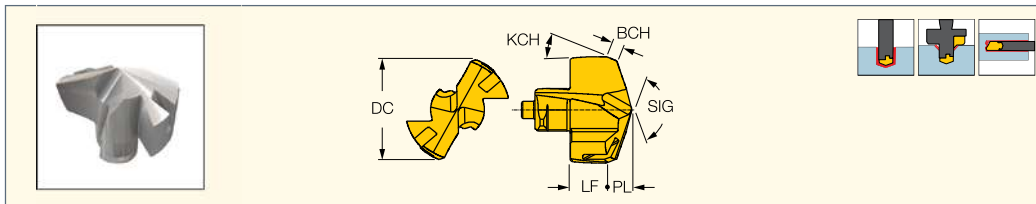
<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)





**ICK**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO K Materials



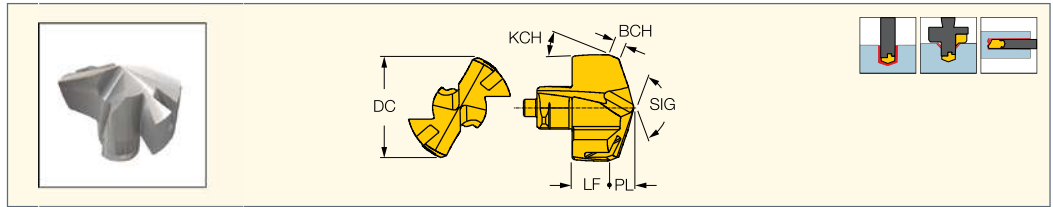
Designation	Dimensions							SK DCN 5-5.99	Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>		IC908	IC907
ICK 050	5.00	2.45	1.250	0.60	30.0	140	5.0	SK DCN 5-5.99	●	
ICK 055	5.50	2.47	1.380	0.60	30.0	140	5.5	SK DCN 5-5.99	●	
ICK 059	5.90	2.47	1.380	0.60	30.0	140	5.5	SK DCN 5-5.99	●	
ICK 061	6.10	2.48	1.520	0.72	30.0	140	6.0		●	
ICK 062	6.20	2.48	1.520	0.72	30.0	140	6.0		●	
ICK 063	6.30	2.48	1.520	0.72	30.0	140	6.0		●	
ICK 0635	6.35	2.48	1.520	0.72	30.0	140	6.0		●	
ICK 064	6.40	2.48	1.520	0.72	30.0	140	6.0		●	
ICK 065	6.50	2.64	1.660	0.72	30.0	140	6.5		●	
ICK 066	6.60	2.64	1.660	0.72	30.0	140	6.5		●	
ICK 067	6.70	2.64	1.660	0.72	30.0	140	6.5		●	
ICK 068	6.80	2.64	1.660	0.72	30.0	140	6.5		●	
ICK 069	6.90	2.64	1.660	0.72	30.0	140	6.5		●	
ICK 070	7.00	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 071	7.10	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 072	7.20	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 073	7.30	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 074	7.40	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 075	7.50	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 076	7.60	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 078	7.80	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 079	7.90	3.02	1.580	0.84	30.0	140	7.0		●	
ICK 080	8.00	3.43	1.970	0.96	30.0	140	8.0		●	●
ICK 082	8.20	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 083	8.30	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 084	8.40	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 085	8.50	3.43	1.970	0.96	30.0	140	8.0		●	●
ICK 086	8.60	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 087	8.70	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 088	8.80	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 089	8.90	3.43	1.970	0.96	30.0	140	8.0		●	
ICK 090	9.00	3.60	2.200	1.08	30.0	140	9.0		●	●
ICK 091	9.10	3.60	2.200	1.08	30.0	140	9.0		●	●
ICK 092	9.20	3.60	2.200	1.08	30.0	140	9.0		●	
ICK 094	9.40	3.60	2.200	1.08	30.0	140	9.0		●	
ICK 095	9.50	3.60	2.200	1.08	30.0	140	9.0		●	●
ICK 098	9.80	3.60	2.200	1.08	30.0	140	9.0		●	
ICK 099	9.90	3.60	2.200	1.08	30.0	140	9.0		●	
ICK 100	10.00	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 101	10.10	3.77	2.430	1.20	30.0	140	10.0		●	
ICK 102	10.20	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 103	10.30	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 104	10.40	3.77	2.430	1.20	30.0	140	10.0		●	
ICK 105	10.50	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 106	10.60	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 107	10.70	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 108	10.80	3.77	2.430	1.20	30.0	140	10.0		●	●
ICK 109	10.90	3.77	2.430	1.20	30.0	140	10.0		●	
ICK 110	11.00	3.94	2.660	1.32	30.0	140	11.0		●	
ICK 111	11.10	3.94	2.660	1.32	30.0	140	11.0		●	●
ICK 112	11.20	3.94	2.660	1.32	30.0	140	11.0		●	
ICK 113	11.30	3.94	2.660	1.32	30.0	140	11.0		●	●
ICK 114	11.40	3.94	2.660	1.32	30.0	140	11.0		●	
ICK 115	11.50	3.94	2.660	1.32	30.0	140	11.0		●	●
ICK 116	11.60	3.94	2.660	1.32	30.0	140	11.0		●	

• The drill head is produced with a ground chamfer and a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)

**ICK (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO K Materials



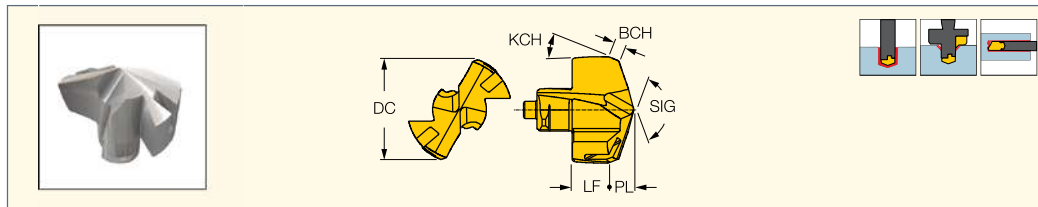
Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 117	11.70	3.94	2.660	1.32	30.0	140	11.0	●	●
ICK 118	11.80	3.94	2.660	1.32	30.0	140	11.0	●	●
ICK 119	11.90	3.94	2.660	1.32	30.0	140	11.0	●	●
ICK 120	12.00	4.10	2.180	1.44	30.0	140	12.0	●	●
ICK 121	12.10	4.10	2.200	1.44	30.0	140	12.0	●	●
ICK 122	12.20	4.10	2.220	1.44	30.0	140	12.0	●	●
ICK 123	12.30	4.10	2.240	1.44	30.0	140	12.0	●	●
ICK 124	12.40	4.10	2.260	1.44	30.0	140	12.0	●	●
ICK 125	12.50	4.10	2.270	1.44	30.0	140	12.0	●	●
ICK 126	12.60	4.10	2.290	1.44	30.0	140	12.0	●	●
ICK 127	12.70	4.10	2.310	1.44	30.0	140	12.0	●	●
ICK 128	12.80	4.10	2.330	1.44	30.0	140	12.0	●	●
ICK 129	12.90	4.10	2.350	1.44	30.0	140	12.0	●	●
ICK 130	13.00	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 131	13.10	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 132	13.20	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 133	13.30	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 134	13.40	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 135	13.50	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 136	13.60	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 137	13.70	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 138	13.80	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 139	13.90	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 140	14.00	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 141	14.10	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 142	14.20	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 143	14.30	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 144	14.40	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 145	14.50	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 146	14.60	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 147	14.70	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 148	14.80	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 149	14.90	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 150	15.00	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 151	15.10	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 152	15.20	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 153	15.30	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 154	15.40	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 155	15.50	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 156	15.60	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 157	15.70	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 158	15.80	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 159	15.90	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 160	16.00	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 161	16.10	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 162	16.20	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 163	16.30	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 164	16.40	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 165	16.50	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 166	16.60	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 167	16.70	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 168	16.80	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 170	17.00	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 171	17.10	5.84	4.060	2.04	30.0	140	17.0	●	●

• The drill head is produced with a ground chamfer and a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136) • MNSNT (293)

**ICK (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO K Materials



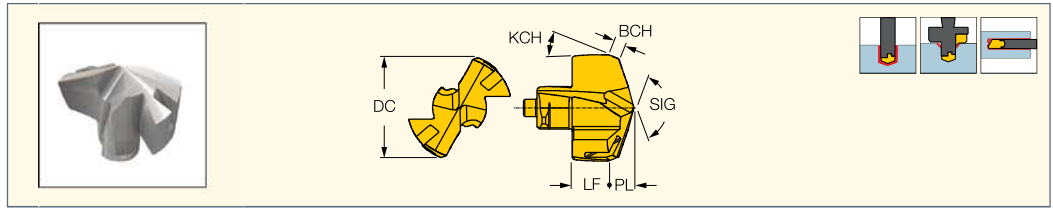
Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 172	17.20	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 173	17.30	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 174	17.40	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 175	17.50	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 176	17.60	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 177	17.70	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 178	17.80	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 179	17.90	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 180	18.00	6.21	4.290	2.16	30.0	140	18.0	●	●
ICK 181	18.10	6.21	4.290	2.16	30.0	140	18.0	●	●
ICK 182	18.20	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 183	18.30	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 184	18.40	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 185	18.50	6.21	4.290	2.16	30.0	140	18.0	●	●
ICK 186	18.60	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 187	18.70	6.21	4.290	2.16	30.0	140	18.0	●	●
ICK 189	18.90	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 190	19.00	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 1905	19.05	6.47	4.530	2.28	30.0	140	19.0	●	●
ICK 191	19.10	6.47	4.530	2.28	30.0	140	19.0	●	●
ICK 192	19.20	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 193	19.30	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 194	19.40	6.47	4.530	2.28	30.0	140	19.0	●	●
ICK 195	19.50	6.47	4.530	2.28	30.0	140	19.0	●	●
ICK 196	19.60	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 197	19.70	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 198	19.80	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 199	19.90	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 200	20.00	6.81	4.790	2.40	30.0	140	20.0	●	●
ICK 201	20.10	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 204	20.40	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 205	20.50	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 206	20.60	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 207	20.70	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 208	20.80	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 209	20.90	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 210	21.00	7.20	4.980	2.52	30.0	140	21.0	●	●
ICK 211	21.10	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 212	21.20	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 213	21.30	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 215	21.50	7.20	4.980	2.52	30.0	140	21.0	●	●
ICK 216	21.60	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 217	21.70	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 218	21.80	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 219	21.90	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 220	22.00	7.54	5.220	2.64	30.0	140	22.0	●	●
ICK 221	22.10	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 222	22.20	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 223	22.30	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 225	22.50	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 226	22.60	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 227	22.70	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 230	23.00	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 231	23.10	7.88	5.450	2.76	30.0	140	23.0	●	●
ICK 233	23.30	7.88	5.450	2.76	30.0	140	23.0	●	

• The drill head is produced with a ground chamfer and a honed cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)

**ICK (continued)**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO K Materials



Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 234	23.40	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 235	23.50	7.88	5.450	2.76	30.0	140	23.0	●	●
ICK 236	23.60	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 238	23.80	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 239	23.90	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 240	24.00	8.21	5.690	2.88	30.0	140	24.0	●	●
ICK 243	24.30	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 245	24.50	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 247	24.70	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 248	24.80	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 249	24.90	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 250	25.00	8.56	5.940	3.00	30.0	140	25.0	●	●
ICK 251	25.10	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 252	25.20	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 253	25.30	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 254	25.40	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 255	25.50	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 256	25.60	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 258	25.80	8.56	5.940	3.00	30.0	140	25.0	●	●
ICK 259	25.90	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 260	26.00	9.05	6.020	3.12	30.0	140	26.0	●	
ICK 264	26.40	9.05	6.020	3.12	30.0	140	26.0	●	
ICK 265	26.50	9.05	6.020	3.12	30.0	140	26.0	●	
ICK 269	26.90	9.05	6.020	3.12	30.0	140	26.0	●	
ICK 270	27.00	9.44	6.210	3.24	30.0	140	27.0	●	
ICK 275	27.50	9.44	6.210	3.24	30.0	140	27.0	●	
ICK 279	27.90	9.44	6.210	3.24	30.0	140	27.0	●	
ICK 280	28.00	9.78	6.440	3.36	30.0	140	28.0	●	
ICK 285	28.50	9.78	6.440	3.36	30.0	140	28.0	●	
ICK 289	28.90	9.78	6.440	3.36	30.0	140	28.0	●	
ICK 290	29.00	10.10	6.700	3.48	30.0	140	29.0	●	
ICK 295	29.50	10.10	6.700	3.48	30.0	140	29.0	●	
ICK 299	29.90	10.10	6.700	3.48	30.0	140	29.0	●	
ICK 300	30.00	10.45	6.930	3.60	30.0	140	30.0	●	
ICK 305	30.50	10.45	6.930	3.60	30.0	140	30.0	●	
ICK 309	30.90	10.45	6.930	3.60	30.0	140	30.0	●	
ICK 310	31.00	10.78	7.180	3.72	30.0	140	31.0	●	
ICK 315	31.50	10.78	7.180	3.72	30.0	140	31.0	●	
ICK 3175	31.75	10.78	7.180	3.72	30.0	140	31.0	●	
ICK 319	31.90	10.78	7.180	3.72	30.0	140	31.0	●	
ICK 320	32.00	11.18	7.360	3.84	30.0	140	32.0	●	
ICK 325	32.50	11.18	7.360	3.84	30.0	140	32.0	●	
ICK 329	32.90	11.18	7.360	3.84	30.0	140	32.0	●	

• The drill head is produced with a ground chamfer and a honed cutting edge • For cutting conditions see page 68-81

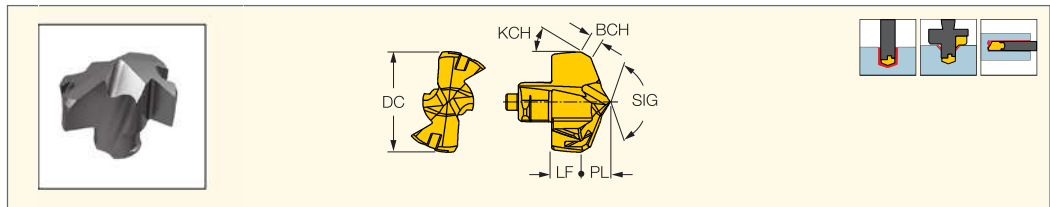
<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136) • MNSNT (293)



**ICK-2M**

Exchangeable Double Margin Drilling Heads for DCN Drills, for Machining ISO K Materials with High Surface Finish Results



Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 060-2M	6.00	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 061-2M	6.10	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 062-2M	6.20	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 063-2M	6.30	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 0635-2M	6.35	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 064-2M	6.40	2.48	1.520	0.72	30.0	140	6.0	●	
ICK 065-2M	6.50	2.64	1.660	0.72	30.0	140	6.5	●	
ICK 066-2M	6.60	2.64	1.660	0.72	30.0	140	6.5	●	
ICK 067-2M	6.70	2.64	1.660	0.72	30.0	140	6.5	●	
ICK 068-2M	6.80	2.64	1.660	0.72	30.0	140	6.5	●	
ICK 069-2M	6.90	2.64	1.660	0.72	30.0	140	6.5	●	
ICK 070-2M	7.00	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 071-2M	7.10	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 072-2M	7.20	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 073-2M	7.30	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 074-2M	7.40	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 075-2M	7.50	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 076-2M	7.60	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 077-2M	7.70	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 078-2M	7.80	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 079-2M	7.90	3.02	1.580	0.84	30.0	140	7.0	●	
ICK 080-2M	8.00	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 081-2M	8.10	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 083-2M	8.30	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 084-2M	8.40	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 085-2M	8.50	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 086-2M	8.60	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 087-2M	8.70	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 088-2M	8.80	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 089-2M	8.90	3.43	1.970	0.96	30.0	140	8.0	●	
ICK 090-2M	9.00	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 091-2M	9.10	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 093-2M	9.30	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 094-2M	9.40	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 095-2M	9.50	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 096-2M	9.60	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 097-2M	9.70	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 098-2M	9.80	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 099-2M	9.90	3.60	2.200	1.08	30.0	140	9.0	●	
ICK 100-2M	10.00	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 101-2M	10.10	3.77	2.430	1.20	30.0	140	10.0	●	●
ICK 102-2M	10.20	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 103-2M	10.30	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 104-2M	10.40	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 105-2M	10.50	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 106-2M	10.60	3.77	2.430	1.20	30.0	140	10.0	●	●
ICK 107-2M	10.70	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 108-2M	10.80	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 109-2M	10.90	3.77	2.430	1.20	30.0	140	10.0	●	
ICK 110-2M	11.00	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 111-2M	11.10	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 112-2M	11.20	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 113-2M	11.30	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 114-2M	11.40	3.94	2.660	1.32	30.0	140	11.0	●	

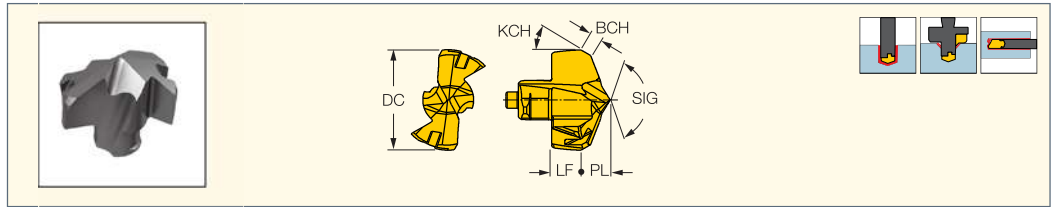
• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

For tools, see pages: DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)



**ICK-2M (continued)**  
Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO K Materials with  
High Surface Finish Results



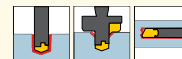
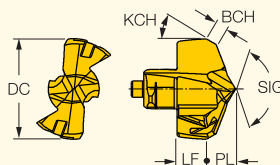
Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 116-2M	11.60	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 117-2M	11.70	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 118-2M	11.80	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 119-2M	11.90	3.94	2.660	1.32	30.0	140	11.0	●	
ICK 120-2M	12.00	4.10	2.180	1.44	30.0	140	12.0	●	
ICK 121-2M	12.10	4.10	2.200	1.44	30.0	140	12.0	●	
ICK 122-2M	12.20	4.10	2.220	1.44	30.0	140	12.0	●	
ICK 123-2M	12.30	4.10	2.240	1.44	30.0	140	12.0	●	
ICK 124-2M	12.40	4.10	2.260	1.44	30.0	140	12.0	●	
ICK 125-2M	12.50	4.10	2.270	1.44	30.0	140	12.0	●	
ICK 126-2M	12.60	4.10	2.290	1.44	30.0	140	12.0	●	
ICK 127-2M	12.70	4.10	2.310	1.44	30.0	140	12.0	●	
ICK 128-2M	12.80	4.10	2.330	1.44	30.0	140	12.0	●	
ICK 131-2M	13.10	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 132-2M	13.20	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 133-2M	13.30	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 134-2M	13.40	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 135-2M	13.50	4.48	3.120	1.56	30.0	140	13.0	●	●
ICK 136-2M	13.60	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 137-2M	13.70	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 138-2M	13.80	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 139-2M	13.90	4.48	3.120	1.56	30.0	140	13.0	●	
ICK 140-2M	14.00	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 141-2M	14.10	4.79	3.360	1.68	30.0	140	14.0	●	●
ICK 142-2M	14.20	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 144-2M	14.40	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 145-2M	14.50	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 146-2M	14.60	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 147-2M	14.70	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 148-2M	14.80	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 149-2M	14.90	4.79	3.360	1.68	30.0	140	14.0	●	
ICK 150-2M	15.00	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 151-2M	15.10	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 152-2M	15.20	5.14	3.590	1.80	30.0	140	15.0	●	●
ICK 153-2M	15.30	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 154-2M	15.40	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 155-2M	15.50	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 156-2M	15.60	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 159-2M	15.90	5.14	3.590	1.80	30.0	140	15.0	●	
ICK 160-2M	16.00	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 161-2M	16.10	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 162-2M	16.20	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 163-2M	16.30	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 164-2M	16.40	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 165-2M	16.50	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 166-2M	16.60	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 167-2M	16.70	5.55	3.750	1.92	30.0	140	16.0	●	●
ICK 168-2M	16.80	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 169-2M	16.90	5.55	3.750	1.92	30.0	140	16.0	●	
ICK 170-2M	17.00	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 171-2M	17.10	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 172-2M	17.20	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 173-2M	17.30	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 174-2M	17.40	5.84	4.060	2.04	30.0	140	17.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)

**ICK-2M (continued)**  
Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO K Materials with  
High Surface Finish Results



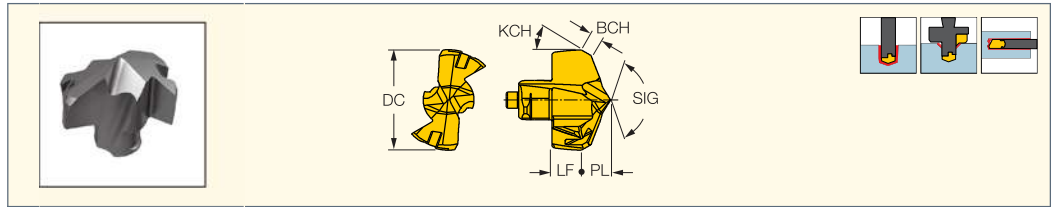
Designation	Dimensions							Tough ← Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 175-2M	17.50	5.84	4.060	2.04	30.0	140	17.0	●	●
ICK 176-2M	17.60	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 178-2M	17.80	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 179-2M	17.90	5.84	4.060	2.04	30.0	140	17.0	●	
ICK 180-2M	18.00	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 181-2M	18.10	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 183-2M	18.30	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 184-2M	18.40	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 185-2M	18.50	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 186-2M	18.60	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 187-2M	18.70	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 188-2M	18.80	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 189-2M	18.90	6.21	4.290	2.16	30.0	140	18.0	●	
ICK 190-2M	19.00	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 191-2M	19.10	6.47	4.530	2.28	30.0	140	19.0	●	●
ICK 192-2M	19.20	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 193-2M	19.30	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 195-2M	19.50	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 196-2M	19.60	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 197-2M	19.70	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 198-2M	19.80	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 199-2M	19.90	6.47	4.530	2.28	30.0	140	19.0	●	
ICK 200-2M	20.00	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 201-2M	20.10	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 202-2M	20.20	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 203-2M	20.30	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 204-2M	20.40	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 205-2M	20.50	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 206-2M	20.60	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 207-2M	20.70	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 208-2M	20.80	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 209-2M	20.90	6.81	4.790	2.40	30.0	140	20.0	●	
ICK 210-2M	21.00	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 211-2M	21.10	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 212-2M	21.20	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 213-2M	21.30	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 214-2M	21.40	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 215-2M	21.50	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 216-2M	21.60	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 217-2M	21.70	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 218-2M	21.80	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 219-2M	21.90	7.20	4.980	2.52	30.0	140	21.0	●	
ICK 220-2M	22.00	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 221-2M	22.10	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 222-2M	22.20	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 223-2M	22.30	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 224-2M	22.40	7.54	5.220	2.64	30.0	140	22.0	●	●
ICK 225-2M	22.50	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 226-2M	22.60	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 227-2M	22.70	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 228-2M	22.80	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 229-2M	22.90	7.54	5.220	2.64	30.0	140	22.0	●	
ICK 230-2M	23.00	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 231-2M	23.10	7.88	5.450	2.76	30.0	140	23.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)

**ICK-2M (continued)**  
Exchangeable Double Margin  
Drilling Heads for DCN Drills, for  
Machining ISO K Materials with  
High Surface Finish Results



Designation	Dimensions							Tough ↔ Hard	
	DC	LF	PL	BCH	KCH	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICK 232-2M	23.20	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 233-2M	23.30	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 234-2M	23.40	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 235-2M	23.50	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 236-2M	23.60	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 237-2M	23.70	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 238-2M	23.80	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 239-2M	23.90	7.88	5.450	2.76	30.0	140	23.0	●	
ICK 240-2M	24.00	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 241-2M	24.10	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 242-2M	24.20	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 243-2M	24.30	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 244-2M	24.40	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 245-2M	24.50	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 246-2M	24.60	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 247-2M	24.70	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 249-2M	24.90	8.21	5.690	2.88	30.0	140	24.0	●	
ICK 250-2M	25.00	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 251-2M	25.10	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 252-2M	25.20	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 253-2M	25.30	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 254-2M	25.40	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 255-2M	25.50	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 256-2M	25.60	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 257-2M	25.70	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 258-2M	25.80	8.56	5.940	3.00	30.0	140	25.0	●	
ICK 259-2M	25.90	8.56	5.940	3.00	30.0	140	25.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1,5D (4) • DCN R-1,5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)

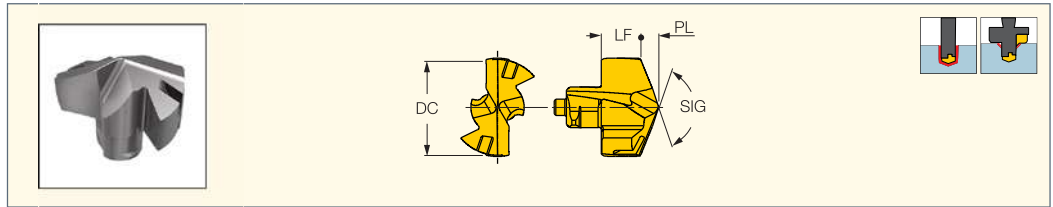
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)


• MNSNT (293)



**ICM**

Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



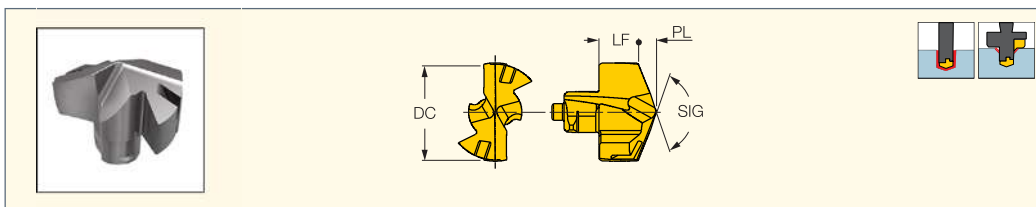
Designation	Dimensions						Tough ← Hard	
	DC	PL	LF	SIG	SSC <sup>(1)</sup>		IC908	IC907
ICM 050	5.00	0.700	3.00	140	5.0	SK DCN 5-5.99	●	
ICM 051	5.10	0.720	2.98	140	5.0	SK DCN 5-5.99	●	
ICM 052	5.20	0.740	2.96	140	5.0	SK DCN 5-5.99	●	
ICM 053	5.30	0.750	2.95	140	5.0	SK DCN 5-5.99	●	
ICM 054	5.40	0.770	2.93	140	5.0	SK DCN 5-5.99	●	
ICM 055	5.50	0.900	2.95	140	5.5	SK DCN 5-5.99	●	
ICM 056	5.60	0.920	2.93	140	5.5	SK DCN 5-5.99	●	
ICM 057	5.70	0.940	2.91	140	5.5	SK DCN 5-5.99	●	
ICM 058	5.80	0.960	2.89	140	5.5	SK DCN 5-5.99	●	
ICM 059	5.90	0.970	2.88	140	5.5	SK DCN 5-5.99	●	
ICM 060	6.00	0.960	3.04	140	6.0		●	
ICM 061	6.10	0.980	3.02	140	6.0		●	
ICM 062	6.20	1.000	3.00	140	6.0		●	
ICM 063	6.30	1.010	2.99	140	6.0		●	
ICM 0635	6.35	1.020	2.98	140	6.0		●	
ICM 064	6.40	1.030	2.97	140	6.0		●	
ICM 065	6.50	1.270	3.03	140	6.5		●	
ICM 066	6.60	1.290	3.01	140	6.5		●	
ICM 067	6.70	1.310	2.99	140	6.5		●	
ICM 068	6.80	1.330	2.97	140	6.5		●	
ICM 069	6.90	1.340	2.96	140	6.5		●	
ICM 070	7.00	1.010	3.59	140	7.0		●	
ICM 071	7.10	1.030	3.57	140	7.0		●	
ICM 072	7.20	1.050	3.55	140	7.0		●	
ICM 073	7.30	1.060	3.54	140	7.0		●	
ICM 074	7.40	1.080	3.52	140	7.0		●	
ICM 075	7.50	1.100	3.24	140	7.0		●	●
ICM 076	7.60	1.120	3.48	140	7.0		●	
ICM 077	7.70	1.140	3.46	140	7.0		●	
ICM 078	7.80	1.160	3.44	140	7.0		●	
ICM 079	7.90	1.170	3.43	140	7.0		●	
ICM 080	8.00	1.200	3.94	140	8.0		●	●
ICM 081	8.10	1.220	4.18	140	8.0		●	
ICM 082	8.20	1.240	4.16	140	8.0		●	
ICM 083	8.30	1.250	4.15	140	8.0		●	
ICM 084	8.40	1.270	4.13	140	8.0		●	
ICM 085	8.50	1.290	3.85	140	8.0		●	●
ICM 086	8.60	1.310	4.09	140	8.0		●	
ICM 087	8.70	1.330	3.82	140	8.0		●	●
ICM 088	8.80	1.350	4.05	140	8.0		●	
ICM 089	8.90	1.360	4.04	140	8.0		●	
ICM 090	9.00	1.360	4.16	140	9.0		●	●
ICM 091	9.10	1.380	4.14	140	9.0		●	●
ICM 092	9.20	1.400	4.40	140	9.0		●	
ICM 093	9.30	1.410	4.39	140	9.0		●	
ICM 094	9.40	1.430	4.37	140	9.0		●	●
ICM 095	9.50	1.450	4.07	140	9.0		●	●
ICM 096	9.60	1.470	4.33	140	9.0		●	
ICM 097	9.70	1.490	4.03	140	9.0		●	●
ICM 098	9.80	1.510	4.29	140	9.0		●	
ICM 099	9.90	1.520	4.00	140	9.0		●	●
ICM 100	10.00	1.500	4.38	140	10.0		●	●
ICM 101	10.10	1.520	4.68	140	10.0		●	

• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)

**ICM (continued)**  
Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



Designation	Dimensions					SSC <sup>(1)</sup>	Tough ← Hard	
	DC	PL	LF	SIG	IC908		IC907	
ICM 102	10.20	1.540	4.66	140	10.0	●	●	
ICM 103	10.30	1.550	4.65	140	10.0	●	●	
ICM 104	10.40	1.570	4.31	140	10.0	●	●	
ICM 105	10.50	1.590	4.29	140	10.0	●	●	
ICM 106	10.60	1.610	4.27	140	10.0	●	●	
ICM 107	10.70	1.630	4.25	140	10.0	●	●	
ICM 108	10.80	1.650	4.55	140	10.0	●		
ICM 109	10.90	1.660	4.54	140	10.0	●		
ICM 110	11.00	1.660	4.94	140	11.0	●	●	
ICM 111	11.10	1.680	4.58	140	11.0	●	●	
ICM 112	11.20	1.700	4.56	140	11.0	●	●	
ICM 113	11.30	1.710	4.89	140	11.0	●		
ICM 114	11.40	1.730	4.87	140	11.0	●		
ICM 115	11.50	1.750	4.51	140	11.0	●	●	
ICM 116	11.60	1.770	4.83	140	11.0	●		
ICM 117	11.70	1.790	4.81	140	11.0	●		
ICM 118	11.80	1.810	4.45	140	11.0	●	●	
ICM 119	11.90	1.820	4.43	140	11.0	●	●	
ICM 120	12.00	1.810	4.82	140	12.0	●	●	
ICM 121	12.10	1.830	5.17	140	12.0	●		
ICM 122	12.20	1.850	5.15	140	12.0	●		
ICM 123	12.30	1.860	4.76	140	12.0	●	●	
ICM 124	12.40	1.880	4.74	140	12.0	●	●	
ICM 125	12.50	1.900	4.73	140	12.0	●	●	
ICM 126	12.60	1.920	5.08	140	12.0	●		
ICM 127	12.70	1.940	4.69	140	12.0	●	●	
ICM 128	12.80	1.960	5.04	140	12.0	●		
ICM 129	12.90	1.970	4.65	140	12.0	●	●	
ICM 130	13.00	1.950	5.23	140	13.0	●	●	
ICM 131	13.10	1.970	5.22	140	13.0	●	●	
ICM 132	13.20	1.990	5.61	140	13.0	●		
ICM 133	13.30	2.000	5.60	140	13.0	●		
ICM 134	13.40	2.020	5.58	140	13.0	●		
ICM 135	13.50	2.040	5.14	140	13.0	●	●	
ICM 136	13.60	2.060	5.13	140	13.0	●	●	
ICM 137	13.70	2.080	5.52	140	13.0	●		
ICM 138	13.80	2.100	5.50	140	13.0	●		
ICM 139	13.90	2.110	5.49	140	13.0	●		
ICM 140	14.00	2.110	5.60	140	14.0	●	●	
ICM 141	14.10	2.130	6.02	140	14.0	●		
ICM 142	14.20	2.150	5.57	140	14.0	●	●	
ICM 143	14.30	2.160	5.55	140	14.0	●	●	
ICM 144	14.40	2.180	5.97	140	14.0	●		
ICM 145	14.50	2.200	5.51	140	14.0	●	●	
ICM 146	14.60	2.220	5.93	140	14.0	●		
ICM 147	14.70	2.240	5.91	140	14.0	●	●	
ICM 148	14.80	2.260	5.89	140	14.0	●		
ICM 149	14.90	2.270	5.88	140	14.0	●		
ICM 150	15.00	2.260	6.00	140	15.0	●	●	
ICM 151	15.10	2.280	6.45	140	15.0	●		
ICM 152	15.20	2.300	6.43	140	15.0	●		
ICM 153	15.30	2.310	6.42	140	15.0	●		
ICM 154	15.40	2.330	6.40	140	15.0	●		
ICM 155	15.50	2.350	5.91	140	15.0	●	●	

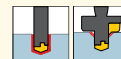
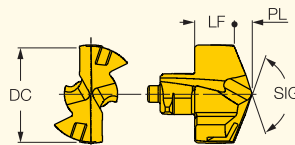
• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)



**ICM (continued)**  
Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



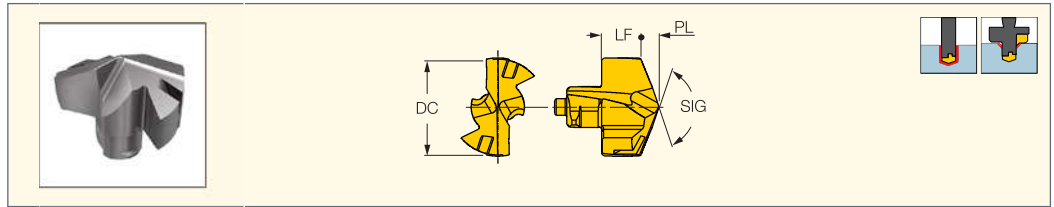
Designation	Dimensions					SSC <sup>(1)</sup>	Tough ↔ Hard	
	DC	PL	LF	SIG	IC908		IC907	
ICM 156	15.60	2.370	6.36	140	15.0	●		
ICM 157	15.70	2.390	5.87	140	15.0	●	●	
ICM 158	15.80	2.410	6.32	140	15.0	●		
ICM 159	15.90	2.420	5.84	140	15.0	●	●	
ICM 160	16.00	2.420	6.39	140	16.0	●	●	
ICM 1605	16.05	2.430	6.87	140	16.0	●		
ICM 161	16.10	2.440	6.86	140	16.0	●		
ICM 162	16.20	2.460	6.84	140	16.0	●		
ICM 163	16.30	2.470	6.83	140	16.0	●		
ICM 164	16.40	2.490	6.32	140	16.0	●	●	
ICM 165	16.50	2.510	6.30	140	16.0	●	●	
ICM 166	16.60	2.530	6.77	140	16.0	●		
ICM 167	16.70	2.550	6.26	140	16.0	●	●	
ICM 168	16.80	2.570	6.73	140	16.0	●		
ICM 169	16.90	2.580	6.72	140	16.0	●		
ICM 170	17.00	2.570	6.81	140	17.0	●	●	
ICM 171	17.10	2.590	6.79	140	17.0	●	●	
ICM 172	17.20	2.610	7.29	140	17.0	●		
ICM 173	17.30	2.620	7.28	140	17.0	●		
ICM 174	17.40	2.640	7.26	140	17.0	●		
ICM 175	17.50	2.660	6.72	140	17.0	●	●	
ICM 176	17.60	2.680	7.22	140	17.0	●		
ICM 177	17.70	2.700	7.20	140	17.0	●		
ICM 178	17.80	2.720	7.18	140	17.0	●		
ICM 179	17.90	2.730	6.64	140	17.0	●	●	
ICM 180	18.00	2.720	7.22	140	18.0	●	●	
ICM 182	18.20	2.760	7.74	140	18.0	●		
ICM 183	18.30	2.770	7.73	140	18.0	●		
ICM 184	18.40	2.790	7.71	140	18.0	●		
ICM 185	18.50	2.810	7.69	140	18.0	●	●	
ICM 186	18.60	2.830	7.67	140	18.0	●		
ICM 187	18.70	2.850	7.65	140	18.0	●		
ICM 188	18.80	2.870	7.63	140	18.0	●		
ICM 189	18.90	2.880	7.62	140	18.0	●		
ICM 190	19.00	2.870	7.54	140	19.0	●	●	
ICM 1905	19.05	2.880	8.12	140	19.0	●	●	
ICM 191	19.10	2.890	8.11	140	19.0	●		
ICM 192	19.20	2.910	8.09	140	19.0	●		
ICM 1925	19.25	2.920	8.08	140	19.0	●		
ICM 1927	19.27	2.920	8.08	140	19.0	●		
ICM 193	19.30	2.920	8.08	140	19.0	●		
ICM 194	19.40	2.940	8.06	140	19.0	●		
ICM 195	19.50	2.960	8.04	140	19.0	●		
ICM 196	19.60	2.980	8.02	140	19.0	●		
ICM 197	19.70	3.000	7.41	140	19.0	●	●	
ICM 198	19.80	3.020	7.98	140	19.0	●		
ICM 199	19.90	3.030	7.97	140	19.0	●		
ICM 200	20.00	3.020	7.96	140	20.0	●	●	
ICM 201	20.10	3.040	8.56	140	20.0	●		
ICM 202	20.20	3.060	8.54	140	20.0	●		
ICM 203	20.30	3.070	8.53	140	20.0	●		
ICM 204	20.40	3.090	8.51	140	20.0	●		
ICM 205	20.50	3.110	7.87	140	20.0	●	●	

• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
 • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
 • DCNT (M8-M24) (136)

**ICM (continued)**  
Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



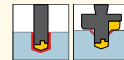
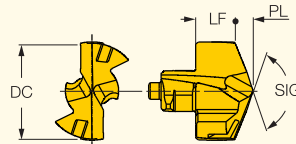
Designation	Dimensions					Tough ↔ Hard	
	DC	PL	LF	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICM 206	20.60	3.130	8.47	140	20.0	●	
ICM 207	20.70	3.150	8.45	140	20.0	●	
ICM 208	20.80	3.170	8.43	140	20.0	●	
ICM 209	20.90	3.180	8.42	140	20.0	●	
ICM 210	21.00	3.200	8.38	140	21.0	●	●
ICM 211	21.10	3.220	8.96	140	21.0	●	
ICM 212	21.20	3.240	8.94	140	21.0	●	
ICM 213	21.30	3.250	8.93	140	21.0	●	
ICM 214	21.40	3.270	9.91	140	21.0	●	
ICM 215	21.50	3.290	9.89	140	21.0	●	
ICM 216	21.60	3.310	8.87	140	21.0	●	
ICM 217	21.70	3.330	8.85	140	21.0	●	
ICM 218	21.80	3.350	8.83	140	21.0	●	
ICM 219	21.90	3.360	8.82	140	21.0	●	
ICM 220	22.00	3.350	8.80	140	22.0	●	●
ICM 221	22.10	3.370	9.39	140	22.0	●	
ICM 222	22.20	3.390	9.37	140	22.0	●	
ICM 223	22.30	3.400	9.36	140	22.0	●	
ICM 224	22.40	3.420	9.34	140	22.0	●	
ICM 225	22.50	3.440	9.32	140	22.0	●	
ICM 226	22.60	3.460	9.30	140	22.0	●	
ICM 227	22.70	3.480	9.28	140	22.0	●	
ICM 228	22.80	3.500	9.26	140	22.0	●	
ICM 229	22.90	3.510	9.25	140	22.0	●	
ICM 230	23.00	3.510	9.82	140	23.0	●	
ICM 232	23.20	3.550	9.78	140	23.0	●	
ICM 233	23.30	3.560	9.77	140	23.0	●	
ICM 234	23.40	3.580	9.75	140	23.0	●	
ICM 235	23.50	3.600	9.73	140	23.0	●	
ICM 237	23.70	3.640	9.69	140	23.0	●	
ICM 238	23.80	3.660	9.67	140	23.0	●	
ICM 239	23.90	3.670	9.66	140	23.0	●	
ICM 240	24.00	3.640	10.26	140	24.0	●	
ICM 241	24.10	3.660	10.24	140	24.0	●	
ICM 242	24.20	3.680	10.22	140	24.0	●	
ICM 243	24.30	3.690	10.21	140	24.0	●	
ICM 244	24.40	3.710	10.19	140	24.0	●	
ICM 245	24.50	3.730	10.17	140	24.0	●	
ICM 246	24.60	3.750	10.15	140	24.0	●	
ICM 247	24.70	3.770	10.13	140	24.0	●	
ICM 248	24.80	3.790	10.11	140	24.0	●	
ICM 249	24.90	3.800	10.10	140	24.0	●	
ICM 250	25.00	3.840	10.66	140	25.0	●	
ICM 251	25.10	3.860	10.64	140	25.0	●	
ICM 252	25.20	3.880	10.62	140	25.0	●	
ICM 253	25.30	3.890	10.61	140	25.0	●	
ICM 254	25.40	3.910	10.59	140	25.0	●	
ICM 255	25.50	3.930	10.57	140	25.0	●	
ICM 256	25.60	3.950	10.55	140	25.0	●	
ICM 2565	25.65	3.960	10.54	140	25.0	●	
ICM 2567	25.67	3.960	10.54	140	25.0	●	
ICM 257	25.70	3.970	10.53	140	25.0	●	
ICM 258	25.80	3.990	10.51	140	25.0	●	
ICM 259	25.90	4.000	10.50	140	25.0	●	

• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)

**ICM (continued)**  
Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



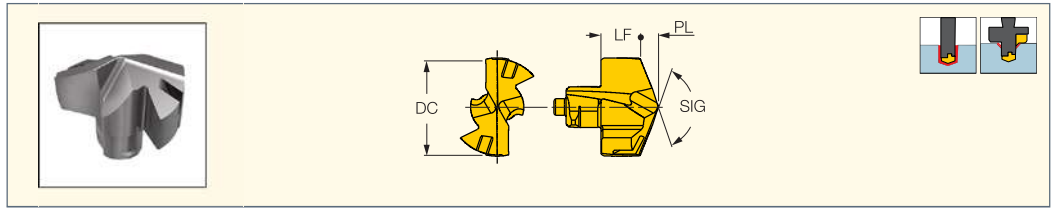
Designation	Dimensions					Tough ← Hard	
	DC	PL	LF	SIG	SSC <sup>(1)</sup>	IC908	IC907
ICM 260	26.00	3.970	11.10	140	26.0	●	
ICM 261	26.10	3.990	11.08	140	26.0	●	
ICM 262	26.20	4.010	11.06	140	26.0	●	
ICM 263	26.30	4.020	11.05	140	26.0	●	
ICM 264	26.40	4.040	11.03	140	26.0	●	
ICM 265	26.50	4.060	11.01	140	26.0	●	
ICM 266	26.60	4.080	10.99	140	26.0	●	
ICM 267	26.70	4.100	10.97	140	26.0	●	
ICM 268	26.80	4.120	10.95	140	26.0	●	
ICM 269	26.90	4.130	10.94	140	26.0	●	
ICM 270	27.00	4.130	11.52	140	27.0	●	
ICM 271	27.10	4.150	11.50	140	27.0	●	
ICM 272	27.20	4.170	11.48	140	27.0	●	
ICM 273	27.30	4.180	11.47	140	27.0	●	
ICM 274	27.40	4.200	11.45	140	27.0	●	
ICM 275	27.50	4.220	11.43	140	27.0	●	
ICM 276	27.60	4.240	11.41	140	27.0	●	
ICM 277	27.70	4.260	11.39	140	27.0	●	
ICM 278	27.80	4.280	11.37	140	27.0	●	
ICM 279	27.90	4.290	11.36	140	27.0	●	
ICM 280	28.00	4.280	11.94	140	28.0	●	
ICM 281	28.10	4.300	11.92	140	28.0	●	
ICM 282	28.20	4.320	11.90	140	28.0	●	
ICM 283	28.30	4.330	11.89	140	28.0	●	
ICM 284	28.40	4.350	11.87	140	28.0	●	
ICM 285	28.50	4.370	11.85	140	28.0	●	
ICM 286	28.60	4.390	11.83	140	28.0	●	
ICM 287	28.70	4.410	11.81	140	28.0	●	
ICM 288	28.80	4.430	11.79	140	28.0	●	
ICM 289	28.90	4.440	11.78	140	28.0	●	
ICM 290	29.00	4.460	12.34	140	29.0	●	
ICM 291	29.10	4.480	12.32	140	29.0	●	
ICM 292	29.20	4.500	12.30	140	29.0	●	
ICM 293	29.30	4.510	12.29	140	29.0	●	
ICM 294	29.40	4.530	12.27	140	29.0	●	
ICM 295	29.50	4.550	12.25	140	29.0	●	
ICM 296	29.60	4.570	12.23	140	29.0	●	
ICM 297	29.70	4.590	12.21	140	29.0	●	
ICM 298	29.80	4.610	12.19	140	29.0	●	
ICM 300	30.00	4.610	12.77	140	30.0	●	
ICM 301	30.10	4.630	12.75	140	30.0	●	
ICM 302	30.20	4.650	12.73	140	30.0	●	
ICM 303	30.30	4.660	12.72	140	30.0	●	
ICM 304	30.40	4.680	12.70	140	30.0	●	
ICM 305	30.50	4.700	12.68	140	30.0	●	
ICM 306	30.60	4.720	12.66	140	30.0	●	
ICM 307	30.70	4.740	12.64	140	30.0	●	
ICM 308	30.80	4.760	12.62	140	30.0	●	
ICM 309	30.90	4.770	12.61	140	30.0	●	
ICM 310	31.00	4.790	13.17	140	31.0	●	
ICM 311	31.10	4.810	13.15	140	31.0	●	
ICM 312	31.20	4.830	13.13	140	31.0	●	
ICM 315	31.50	4.880	13.08	140	31.0	●	
ICM 317	31.70	4.920	13.04	140	31.0	●	

• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)

**ICM (continued)**  
Exchangeable Drilling Heads  
for DCN Drills, for Machining  
ISO M and ISO S Materials



Designation	Dimensions					SSC <sup>(1)</sup>	Tough ↔ Hard	
	DC	PL	LF	SIG	IC908		IC907	
ICM 3175	31.75	4.930	13.03	140	31.0	•		
ICM 318	31.80	4.940	13.02	140	31.0	•		
ICM 319	31.90	4.950	13.01	140	31.0	•		
ICM 320	32.00	4.890	13.65	140	32.0	•		
ICM 321	32.10	4.910	13.63	140	32.0	•		
ICM 322	32.20	4.930	13.61	140	32.0	•		
ICM 323	32.30	4.940	13.60	140	32.0	•		
ICM 324	32.40	4.960	13.58	140	32.0	•		
ICM 325	32.50	4.980	13.56	140	32.0	•		
ICM 326	32.60	5.000	13.54	140	32.0	•		
ICM 327	32.70	5.020	13.52	140	32.0	•		
ICM 328	32.80	5.040	13.50	140	32.0	•		
ICM 329	32.90	5.050	13.49	140	32.0	•		

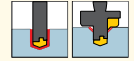
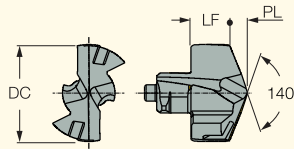
• The drill head features a T-land on the cutting edge • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)



**ICN**  
Exchangeable Drilling  
Heads for DCN Drills, for  
Machining ISO N Materials



Designation	Dimensions						IC08
	DC	PL	LF	SIG	SSC <sup>(1)</sup>		
ICN 0635	6.35	1.020	2.98	140	6.0	●	
ICN 0952	9.52	1.440	4.36	140	9.0	●	
ICN 100	10.00	1.500	4.70	140	10.0	●	
ICN 102	10.20	1.540	4.66	140	10.0	●	
ICN 103	10.30	1.550	4.65	140	10.0	●	
ICN 105	10.50	1.590	4.61	140	10.0	●	
ICN 108	10.80	1.650	4.55	140	10.0	●	
ICN 110	11.00	1.670	4.93	140	11.0	●	
ICN 111	11.10	1.690	4.91	140	11.0	●	
ICN 115	11.50	1.760	4.84	140	11.0	●	
ICN 119	11.90	1.830	4.77	140	11.0	●	
ICN 120	12.00	1.820	5.18	140	12.0	●	
ICN 123	12.30	1.350	5.65	140	12.0	●	
ICN 125	12.50	1.390	5.61	140	12.0	●	
ICN 127	12.70	1.430	5.57	140	12.0	●	
ICN 130	13.00	1.960	5.64	140	13.0	●	
ICN 135	13.50	2.050	5.55	140	13.0	●	
ICN 137	13.70	2.090	5.51	140	13.0	●	
ICN 140	14.00	2.120	6.03	140	14.0	●	
ICN 141	14.10	2.140	6.01	140	14.0	●	
ICN 142	14.20	2.160	5.99	140	14.0	●	
ICN 1427	14.27	2.170	5.98	140	14.0	●	
ICN 145	14.50	2.210	5.94	140	14.0	●	
ICN 150	15.00	2.270	6.46	140	15.0	●	
ICN 157	15.70	2.400	6.33	140	15.0	●	
ICN 158	15.80	2.420	6.31	140	15.0	●	
ICN 1587	15.87	2.430	6.30	140	15.0	●	
ICN 160	16.00	2.420	6.88	140	16.0	●	
ICN 165	16.50	2.510	6.79	140	16.0	●	
ICN 167	16.70	2.550	6.75	140	16.0	●	
ICN 170	17.00	2.590	7.31	140	17.0	●	
ICN 175	17.50	2.680	7.22	140	17.0	●	
ICN 180	18.00	2.730	7.77	140	18.0	●	
ICN 185	18.50	2.820	7.68	140	18.0	●	
ICN 190	19.00	2.880	8.12	140	19.0	●	
ICN 1905	19.05	2.890	8.11	140	19.0	●	
ICN 195	19.50	2.970	8.03	140	19.0	●	
ICN 2062	20.62	3.130	8.47	140	20.0	●	
ICN 2222	22.22	3.360	9.40	140	22.0	●	
ICN 254	25.40	3.870	10.63	140	25.0	●	

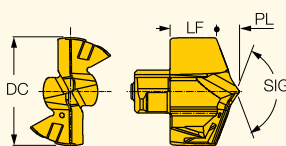
• The drill is manufactured with a sharp cutting edge and polished flutes • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)

**QCP-2M**

Exchangeable Double Margin & Self-Centering Drilling Heads for DCN Drills, for Machining ISO P Materials with High Surface Finish Results



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
QCP 060-2M	6.00	2.79	1.210	136	6.0	●	
QCP 061-2M	6.10	2.77	1.230	136	6.0	●	
QCP 062-2M	6.20	2.75	1.250	136	6.0	●	
QCP 0635-2M	6.35	2.72	1.280	136	6.0	●	
QCP 064-2M	6.40	2.71	1.290	136	6.0	●	
QCP 065-2M	6.50	2.89	1.410	136	6.5	●	
QCP 066-2M	6.60	2.87	1.430	136	6.5	●	
QCP 067-2M	6.70	2.85	1.450	136	6.5	●	
QCP 068-2M	6.80	2.83	1.470	136	6.5	●	
QCP 069-2M	6.90	2.81	1.490	136	6.5	●	
QCP 070-2M	7.00	3.25	1.350	136	7.0	●	
QCP 071-2M	7.10	3.23	1.370	136	7.0	●	
QCP 072-2M	7.20	3.21	1.390	136	7.0	●	
QCP 073-2M	7.30	3.19	1.410	136	7.0	●	
QCP 074-2M	7.40	3.17	1.430	136	7.0	●	
QCP 075-2M	7.50	3.15	1.450	136	7.0	●	
QCP 076-2M	7.60	3.13	1.470	136	7.0	●	
QCP 077-2M	7.70	3.11	1.490	136	7.0	●	
QCP 078-2M	7.80	3.09	1.510	136	7.0	●	
QCP 079-2M	7.90	3.07	1.530	136	7.0	●	
QCP 080-2M	8.00	3.78	1.620	136	8.0	●	
QCP 081-2M	8.10	3.76	1.640	136	8.0	●	
QCP 082-2M	8.20	3.74	1.660	136	8.0	●	
QCP 083-2M	8.30	3.72	1.680	136	8.0	●	
QCP 084-2M	8.40	3.70	1.700	136	8.0	●	
QCP 085-2M	8.50	3.68	1.720	136	8.0	●	
QCP 086-2M	8.60	3.66	1.740	136	8.0	●	
QCP 087-2M	8.70	3.64	1.760	136	8.0	●	
QCP 088-2M	8.80	3.62	1.780	136	8.0	●	
QCP 090-2M	9.00	3.89	1.910	136	9.0	●	
QCP 091-2M	9.10	3.87	1.930	136	9.0	●	
QCP 092-2M	9.20	3.85	1.950	136	9.0	●	
QCP 093-2M	9.30	3.83	1.970	136	9.0	●	
QCP 094-2M	9.40	3.81	1.990	136	9.0	●	
QCP 095-2M	9.50	3.79	2.010	136	9.0	●	
QCP 096-2M	9.60	3.77	2.030	136	9.0	●	
QCP 097-2M	9.70	3.75	2.050	136	9.0	●	
QCP 098-2M	9.80	3.73	2.070	136	9.0	●	
QCP 099-2M	9.90	3.71	2.090	136	9.0	●	
QCP 100-2M	10.00	4.70	2.090	136	10.0	●	
QCP 101-2M	10.10	4.68	2.110	136	10.0	●	
QCP 102-2M	10.20	4.66	2.130	136	10.0	●	
QCP 103-2M	10.30	4.64	2.150	136	10.0	●	
QCP 104-2M	10.40	4.62	2.170	136	10.0	●	
QCP 105-2M	10.50	4.60	2.190	136	10.0	●	
QCP 106-2M	10.60	4.58	2.210	136	10.0	●	
QCP 107-2M	10.70	4.56	2.230	136	10.0	●	
QCP 108-2M	10.80	4.54	2.250	136	10.0	●	
QCP 109-2M	10.90	4.52	2.270	136	10.0	●	
QCP 110-2M	11.00	4.93	2.320	136	11.0	●	
QCP 111-2M	11.10	4.91	2.340	136	11.0	●	
QCP 112-2M	11.20	4.89	2.360	136	11.0	●	
QCP 113-2M	11.30	4.87	2.380	136	11.0	●	
QCP 114-2M	11.40	4.85	2.400	136	11.0	●	

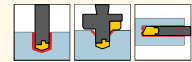
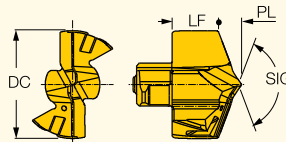
• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)



**QCP-2M (continued)**  
Exchangeable Double Margin & Self-Centering Drilling Heads for DCN Drills, for Machining ISO P Materials with High Surface Finish Results



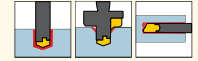
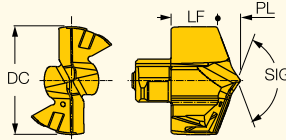
Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
QCP 115-2M	11.50	4.83	2.420	136	11.0	●	
QCP 116-2M	11.60	4.81	2.440	136	11.0	●	
QCP 117-2M	11.70	4.79	2.460	136	11.0	●	
QCP 118-2M	11.80	4.77	2.480	136	11.0	●	
QCP 119-2M	11.90	4.75	2.500	136	11.0	●	
QCP 120-2M	12.00	5.18	2.450	136	12.0	●	
QCP 121-2M	12.10	5.16	2.470	136	12.0	●	
QCP 122-2M	12.20	5.14	2.490	136	12.0	●	
QCP 123-2M	12.30	5.12	2.510	136	12.0	●	
QCP 124-2M	12.40	5.10	2.530	136	12.0	●	
QCP 125-2M	12.50	5.08	2.550	136	12.0	●	
QCP 126-2M	12.60	5.06	2.570	136	12.0	●	
QCP 127-2M	12.70	5.04	2.590	136	12.0	●	
QCP 128-2M	12.80	5.02	2.610	136	12.0	●	
QCP 129-2M	12.90	5.00	2.630	136	12.0	●	
QCP 130-2M	13.00	5.64	2.710	136	13.0	●	
QCP 131-2M	13.10	5.62	2.730	136	13.0	●	
QCP 132-2M	13.20	5.60	2.750	136	13.0	●	
QCP 133-2M	13.30	5.58	2.770	136	13.0	●	
QCP 134-2M	13.40	5.56	2.790	136	13.0	●	
QCP 135-2M	13.50	5.54	2.810	136	13.0	●	
QCP 136-2M	13.60	5.52	2.830	136	13.0	●	
QCP 137-2M	13.70	5.50	2.850	136	13.0	●	
QCP 138-2M	13.80	5.48	2.870	136	13.0	●	
QCP 139-2M	13.90	5.46	2.890	136	13.0	●	
QCP 140-2M	14.00	6.03	2.930	136	14.0	●	
QCP 141-2M	14.10	6.01	2.950	136	14.0	●	
QCP 142-2M	14.20	5.99	2.970	136	14.0	●	
QCP 143-2M	14.30	5.97	2.990	136	14.0	●	
QCP 144-2M	14.40	5.95	3.010	136	14.0	●	
QCP 145-2M	14.50	5.93	3.030	136	14.0	●	
QCP 146-2M	14.60	5.91	3.050	136	14.0	●	
QCP 147-2M	14.70	5.89	3.070	136	14.0	●	
QCP 148-2M	14.80	5.87	3.090	136	14.0	●	
QCP 149-2M	14.90	5.85	3.110	136	14.0	●	
QCP 150-2M	15.00	6.46	3.180	136	15.0	●	
QCP 151-2M	15.10	6.44	3.200	136	15.0	●	
QCP 152-2M	15.20	6.42	3.220	136	15.0	●	
QCP 153-2M	15.30	6.40	3.240	136	15.0	●	
QCP 155-2M	15.50	6.36	3.280	136	15.0	●	
QCP 156-2M	15.60	6.34	3.300	136	15.0	●	
QCP 157-2M	15.70	6.32	3.320	136	15.0	●	
QCP 158-2M	15.80	6.30	3.340	136	15.0	●	
QCP 159-2M	15.90	6.28	3.360	136	15.0	●	
QCP 160-2M	16.00	6.88	3.390	136	16.0	●	
QCP 161-2M	16.10	6.86	3.410	136	16.0	●	
QCP 162-2M	16.20	6.84	3.430	136	16.0	●	
QCP 163-2M	16.30	6.82	3.450	136	16.0	●	
QCP 165-2M	16.50	6.78	3.490	136	16.0	●	
QCP 166-2M	16.60	6.76	3.510	136	16.0	●	
QCP 167-2M	16.70	6.74	3.530	136	16.0	●	
QCP 170-2M	17.00	7.31	3.570	136	17.0	●	
QCP 171-2M	17.10	7.29	3.590	136	17.0	●	
QCP 172-2M	17.20	7.27	3.610	136	17.0	●	
QCP 174-2M	17.40	7.23	3.650	136	17.0	●	

• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)

**QCP-2M (continued)**  
Exchangeable Double Margin  
& Self-Centering Drilling Heads  
for DCN Drills, for Machining  
ISO P Materials with High  
Surface Finish Results



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
QCP 175-2M	17.50	7.21	3.670	136	17.0	●	
QCP 177-2M	17.70	7.17	3.710	136	17.0	●	
QCP 178-2M	17.80	7.15	3.730	136	17.0	●	
QCP 179-2M	17.90	7.13	3.750	136	17.0	●	
QCP 180-2M	18.00	7.77	3.780	136	18.0	●	
QCP 181-2M	18.10	7.75	3.800	136	18.0	●	
QCP 183-2M	18.30	7.71	3.840	136	18.0	●	
QCP 185-2M	18.50	7.67	3.880	136	18.0	●	
QCP 186-2M	18.60	7.65	3.900	136	18.0	●	
QCP 187-2M	18.70	7.63	3.920	136	18.0	●	
QCP 188-2M	18.80	7.61	3.940	136	18.0	●	
QCP 189-2M	18.90	7.59	3.960	136	18.0	●	
QCP 190-2M	19.00	8.12	3.990	136	19.0	●	
QCP 1905-2M	19.05	8.11	4.000	136	19.0	●	
QCP 191-2M	19.10	8.10	4.010	136	19.0	●	
QCP 192-2M	19.20	8.08	4.030	136	19.0	●	
QCP 1927-2M	19.27	8.07	4.040	136	19.0	●	
QCP 193-2M	19.30	8.06	4.050	136	19.0	●	
QCP 194-2M	19.40	8.04	4.070	136	19.0	●	
QCP 195-2M	19.50	8.02	4.090	136	19.0	●	
QCP 197-2M	19.70	7.98	4.130	136	19.0	●	
QCP 198-2M	19.80	7.96	4.150	136	19.0	●	
QCP 199-2M	19.90	7.94	4.170	136	19.0	●	
QCP 200-2M	20.00	8.58	4.240	136	20.0	●	
QCP 201-2M	20.10	8.56	4.260	136	20.0	●	
QCP 202-2M	20.20	8.54	4.280	136	20.0	●	
QCP 203-2M	20.30	8.52	4.300	136	20.0	●	
QCP 204-2M	20.40	8.50	4.320	136	20.0	●	
QCP 205-2M	20.50	8.48	4.340	136	20.0	●	
QCP 206-2M	20.60	8.46	4.360	136	20.0	●	
QCP 207-2M	20.70	8.44	4.380	136	20.0	●	
QCP 209-2M	20.90	8.40	4.420	136	20.0	●	
QCP 210-2M	21.00	9.00	4.400	136	21.0	●	
QCP 213-2M	21.30	8.94	4.460	136	21.0	●	
QCP 215-2M	21.50	8.90	4.500	136	21.0	●	
QCP 217-2M	21.70	8.86	4.540	136	21.0	●	
QCP 218-2M	21.80	8.84	4.560	136	21.0	●	
QCP 220-2M	22.00	9.44	4.600	136	22.0	●	
QCP 221-2M	22.10	9.42	4.620	136	22.0	●	
QCP 222-2M	22.20	9.40	4.640	136	22.0	●	
QCP 223-2M	22.30	9.38	4.660	136	22.0	●	
QCP 225-2M	22.50	9.34	4.700	136	22.0	●	
QCP 226-2M	22.60	9.32	4.720	136	22.0	●	
QCP 227-2M	22.70	9.30	4.740	136	22.0	●	
QCP 230-2M	23.00	9.87	4.840	136	23.0	●	
QCP 233-2M	23.30	9.81	4.900	136	23.0	●	
QCP 234-2M	23.40	9.79	4.920	136	23.0	●	
QCP 235-2M	23.50	9.77	4.940	136	23.0	●	
QCP 237-2M	23.70	9.73	4.980	136	23.0	●	
QCP 238-2M	23.80	9.71	5.000	136	23.0	●	
QCP 240-2M	24.00	10.28	5.030	136	24.0	●	
QCP 242-2M	24.20	10.24	5.070	136	24.0	●	
QCP 243-2M	24.30	10.22	5.090	136	24.0	●	
QCP 245-2M	24.50	10.18	5.130	136	24.0	●	
QCP 246-2M	24.60	10.16	5.150	136	24.0	●	

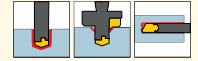
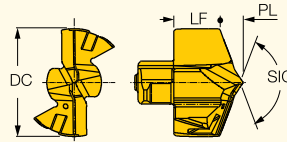
• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136)  
• MNSNT (293)



**QCP-2M (continued)**  
Exchangeable Double Margin & Self-Centering Drilling Heads for DCN Drills, for Machining ISO P Materials with High Surface Finish Results



Designation	Dimensions					SSC <sup>(1)</sup>	IC908
	DC	LF	PL	SIG			
QCP 247-2M	24.70	10.14	5.170	136	24.0	●	
QCP 249-2M	24.90	10.10	5.210	136	24.0	●	
QCP 250-2M	25.00	10.70	5.280	136	25.0	●	
QCP 251-2M	25.10	10.68	5.300	136	25.0	●	
QCP 252-2M	25.20	10.66	5.320	136	25.0	●	
QCP 253-2M	25.30	10.64	5.340	136	25.0	●	
QCP 254-2M	25.40	10.62	5.360	136	25.0	●	
QCP 255-2M	25.50	10.60	5.380	136	25.0	●	
QCP 256-2M	25.60	10.58	5.400	136	25.0	●	
QCP 2567-2M	25.67	10.56	5.420	136	25.0	●	
QCP 257-2M	25.70	10.56	5.420	136	25.0	●	
QCP 258-2M	25.80	10.54	5.440	136	25.0	●	
QCP 259-2M	25.90	10.52	5.460	136	25.0	●	

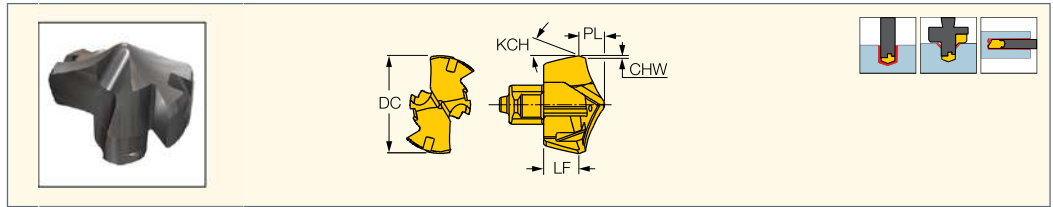
• Can provide high surface finish of up to 1.6 Ra hole cylindricity and straightness of up to 0.05 mm • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • DCNT (M8-M24) (136) • MNSNT (293)



**HCP-IQ**  
Exchangeable Self-Centering  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions						SK DCN	IC908
	DC	LF	PL	CHW	KCH	SSC <sup>(1)</sup>		
HCP 040-IQ	4.00	2.40	1.160	0.20	30.0	4	SK DCN 4-4.99	●
HCP 041-IQ	4.10	2.40	1.160	0.20	30.0	4	SK DCN 4-4.99	●
HCP 042-IQ	4.20	2.40	1.160	0.20	30.0	4	SK DCN 4-4.99	●
HCP 043-IQ	4.30	2.40	1.160	0.20	30.0	4	SK DCN 4-4.99	●
HCP 044-IQ	4.40	2.40	1.160	0.20	30.0	4	SK DCN 4-4.99	●
HCP 045-IQ	4.50	2.64	1.190	0.20	30.0	4.5	SK DCN 4-4.99	●
HCP 046-IQ	4.60	2.64	1.190	0.20	30.0	4.5	SK DCN 4-4.99	●
HCP 047-IQ	4.70	2.64	1.190	0.20	30.0	4.5	SK DCN 4-4.99	●
HCP 048-IQ	4.80	2.64	1.190	0.20	30.0	4.5	SK DCN 4-4.99	●
HCP 049-IQ	4.90	2.64	1.190	0.20	30.0	4.5	SK DCN 4-4.99	●
HCP 050-IQ	5.00	2.79	1.440	0.25	30.0	5.0	SK DCN 5-5.99	●
HCP 051-IQ	5.10	2.79	1.440	0.25	30.0	5.0	SK DCN 5-5.99	●
HCP 052-IQ	5.20	2.79	1.440	0.25	30.0	5.0	SK DCN 5-5.99	●
HCP 053-IQ	5.30	2.79	1.440	0.25	30.0	5.0	SK DCN 5-5.99	●
HCP 054-IQ	5.40	2.79	1.440	0.25	30.0	5.0	SK DCN 5-5.99	●
HCP 055-IQ	5.50	2.75	1.630	0.25	30.0	5.5	SK DCN 5-5.99	●
HCP 056-IQ	5.60	2.75	1.630	0.25	30.0	5.5	SK DCN 5-5.99	●
HCP 057-IQ	5.70	2.75	1.630	0.25	30.0	5.5	SK DCN 5-5.99	●
HCP 058-IQ	5.80	2.75	1.630	0.25	30.0	5.5	SK DCN 5-5.99	●
HCP 059-IQ	5.90	2.75	1.630	0.25	30.0	5.5	SK DCN 5-5.99	●
HCP 060-IQ	6.00	2.35	1.650	0.29	30.0	6.0	SK DCN 5-5.99	●
HCP 061-IQ	6.10	2.35	1.650	0.29	30.0	6.0	SK DCN 5-5.99	●
HCP 062-IQ	6.20	2.35	1.650	0.29	30.0	6.0	SK DCN 5-5.99	●
HCP 063-IQ	6.30	2.35	1.650	0.29	30.0	6.0	SK DCN 5-5.99	●
HCP 064-IQ	6.40	2.35	1.650	0.29	30.0	6.0	SK DCN 5-5.99	●
HCP 065-IQ	6.50	2.63	1.670	0.29	30.0	6.5	SK DCN 5-5.99	●
HCP 066-IQ	6.60	2.63	1.670	0.29	30.0	6.5	SK DCN 5-5.99	●
HCP 067-IQ	6.70	2.63	1.670	0.29	30.0	6.5	SK DCN 5-5.99	●
HCP 068-IQ	6.80	2.63	1.670	0.29	30.0	6.5	SK DCN 5-5.99	●
HCP 069-IQ	6.90	2.63	1.670	0.29	30.0	6.5	SK DCN 5-5.99	●
HCP 070-IQ	7.00	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 071-IQ	7.10	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 072-IQ	7.20	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 073-IQ	7.30	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 074-IQ	7.40	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 075-IQ	7.50	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 076-IQ	7.60	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 077-IQ	7.70	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 078-IQ	7.80	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 079-IQ	7.90	2.83	1.770	0.35	30.0	7.0	SK DCN 5-5.99	●
HCP 080-IQ	8.00	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 081-IQ	8.10	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 082-IQ	8.20	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 083-IQ	8.30	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 084-IQ	8.40	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 085-IQ	8.50	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 086-IQ	8.60	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 087-IQ	8.70	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 088-IQ	8.80	3.24	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 089-IQ	8.90	3.20	2.160	0.40	30.0	8.0	SK DCN 5-5.99	●
HCP 090-IQ	9.00	3.55	2.250	0.46	30.0	9.0	SK DCN 5-5.99	●
HCP 091-IQ	9.10	3.55	2.250	0.46	30.0	9.0	SK DCN 5-5.99	●
HCP 092-IQ	9.20	3.55	2.250	0.46	30.0	9.0	SK DCN 5-5.99	●
HCP 093-IQ	9.30	3.55	2.250	0.46	30.0	9.0	SK DCN 5-5.99	●

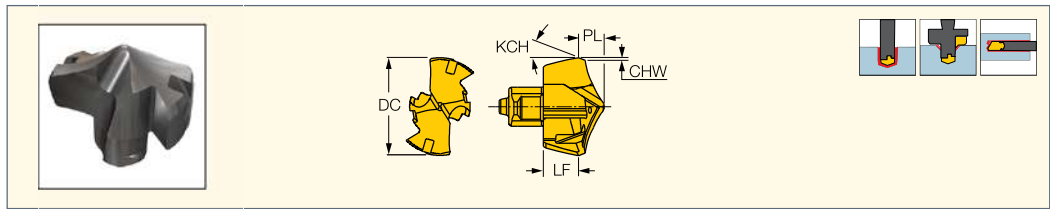
• Advance Self-Centering and high surface finish • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • MNC-7/8D (67) • DCNT (M8-M24) (136) • MNSNT (293)



**HCP-IQ (continued)**  
Exchangeable Self-Centering  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



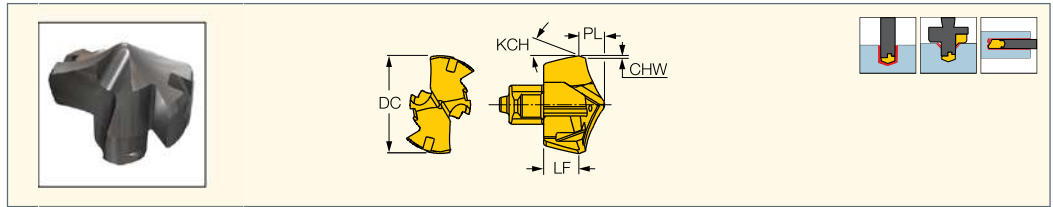
Designation	Dimensions						IC908
	DC	LF	PL	CHW	KCH	SSC <sup>(1)</sup>	
HCP 094-IQ	9.40	3.55	2.250	0.46	30.0	9.0	●
HCP 095-IQ	9.50	3.55	2.250	0.46	30.0	9.0	●
HCP 096-IQ	9.60	3.55	2.250	0.46	30.0	9.0	●
HCP 097-IQ	9.70	3.55	2.250	0.46	30.0	9.0	●
HCP 098-IQ	9.80	3.55	2.250	0.46	30.0	9.0	●
HCP 099-IQ	9.90	3.55	2.250	0.46	30.0	9.0	●
HCP 100-IQ	10.00	3.48	2.720	0.46	30.0	10.0	●
HCP 101-IQ	10.10	3.48	2.720	0.46	30.0	10.0	●
HCP 102-IQ	10.20	3.48	2.720	0.46	30.0	10.0	●
HCP 103-IQ	10.30	3.48	2.720	0.46	30.0	10.0	●
HCP 104-IQ	10.40	3.48	2.720	0.46	30.0	10.0	●
HCP 105-IQ	10.50	3.48	2.720	0.46	30.0	10.0	●
HCP 106-IQ	10.60	3.48	2.720	0.46	30.0	10.0	●
HCP 107-IQ	10.70	3.48	2.720	0.46	30.0	10.0	●
HCP 108-IQ	10.80	3.48	2.720	0.46	30.0	10.0	●
HCP 109-IQ	10.90	3.48	2.720	0.46	30.0	10.0	●
HCP 110-IQ	11.00	3.85	2.750	0.52	30.0	11.0	●
HCP 111-IQ	11.10	3.85	2.750	0.52	30.0	11.0	●
HCP 112-IQ	11.20	3.85	2.750	0.52	30.0	11.0	●
HCP 113-IQ	11.30	3.85	2.750	0.52	30.0	11.0	●
HCP 114-IQ	11.40	3.85	2.750	0.52	30.0	11.0	●
HCP 115-IQ	11.50	3.85	2.750	0.52	30.0	11.0	●
HCP 116-IQ	11.60	3.85	2.750	0.52	30.0	11.0	●
HCP 117-IQ	11.70	3.85	2.750	0.52	30.0	11.0	●
HCP 118-IQ	11.80	3.85	2.750	0.52	30.0	11.0	●
HCP 119-IQ	11.90	3.85	2.750	0.52	30.0	11.0	●
HCP 120-IQ	12.00	3.84	3.160	0.52	30.0	12.0	●
HCP 121-IQ	12.10	3.84	3.160	0.52	30.0	12.0	●
HCP 122-IQ	12.20	3.84	3.160	0.52	30.0	12.0	●
HCP 123-IQ	12.30	3.84	3.160	0.52	30.0	12.0	●
HCP 124-IQ	12.40	3.84	3.160	0.52	30.0	12.0	●
HCP 125-IQ	12.50	3.84	3.160	0.52	30.0	12.0	●
HCP 126-IQ	12.60	3.84	3.160	0.52	30.0	12.0	●
HCP 127-IQ	12.70	3.84	3.160	0.52	30.0	12.0	●
HCP 128-IQ	12.80	3.84	3.160	0.52	30.0	12.0	●
HCP 129-IQ	12.90	3.84	3.160	0.52	30.0	12.0	●
HCP 130-IQ	13.00	4.09	3.510	0.58	30.0	13.0	●
HCP 131-IQ	13.10	4.09	3.510	0.58	30.0	13.0	●
HCP 132-IQ	13.20	4.09	3.510	0.58	30.0	13.0	●
HCP 133-IQ	13.30	4.09	3.510	0.58	30.0	13.0	●
HCP 134-IQ	13.40	4.09	3.510	0.58	30.0	13.0	●
HCP 135-IQ	13.50	4.09	3.510	0.58	30.0	13.0	●
HCP 136-IQ	13.60	4.09	3.510	0.58	30.0	13.0	●
HCP 137-IQ	13.70	4.09	3.510	0.58	30.0	13.0	●
HCP 138-IQ	13.80	4.09	3.510	0.58	30.0	13.0	●
HCP 139-IQ	13.90	4.09	3.510	0.58	30.0	13.0	●
HCP 140-IQ	14.00	4.52	3.630	0.64	30.0	14.0	●
HCP 141-IQ	14.10	4.52	3.630	0.64	30.0	14.0	●
HCP 142-IQ	14.20	4.52	3.630	0.64	30.0	14.0	●
HCP 143-IQ	14.30	4.52	3.630	0.64	30.0	14.0	●
HCP 144-IQ	14.40	4.52	3.630	0.64	30.0	14.0	●
HCP 145-IQ	14.50	4.52	3.630	0.64	30.0	14.0	●
HCP 146-IQ	14.60	4.52	3.630	0.64	30.0	14.0	●
HCP 147-IQ	14.70	4.52	3.630	0.64	30.0	14.0	●
HCP 148-IQ	14.80	4.52	3.630	0.64	30.0	14.0	●

• Advance Self-Centering and high surface finish • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • MNC-7/8D (67) • DCNT (M8-M24) (136) • MNSNT (293)

**HCP-IQ (continued)**  
Exchangeable Self-Centering  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions						SSC <sup>(1)</sup>	IC908
	DC	LF	PL	CHW	KCH			
HCP 149-IQ	14.90	4.52	3.630	0.64	30.0	14.0	●	
HCP 150-IQ	15.00	4.85	3.880	0.69	30.0	15.0	●	
HCP 151-IQ	15.10	4.85	3.880	0.69	30.0	15.0	●	
HCP 152-IQ	15.20	4.85	3.880	0.69	30.0	15.0	●	
HCP 153-IQ	15.30	4.85	3.880	0.69	30.0	15.0	●	
HCP 154-IQ	15.40	4.85	3.880	0.69	30.0	15.0	●	
HCP 155-IQ	15.50	4.85	3.880	0.69	30.0	15.0	●	
HCP 156-IQ	15.60	4.85	3.880	0.69	30.0	15.0	●	
HCP 157-IQ	15.70	4.85	3.880	0.69	30.0	15.0	●	
HCP 158-IQ	15.80	4.85	3.880	0.69	30.0	15.0	●	
HCP 159-IQ	15.90	4.85	3.880	0.69	30.0	15.0	●	
HCP 160-IQ	16.00	5.39	3.910	0.64	30.0	16.0	●	
HCP 1605-IQ	16.05	5.39	3.910	0.62	30.0	16.0	●	
HCP 161-IQ	16.10	5.39	3.910	0.64	30.0	16.0	●	
HCP 162-IQ	16.20	5.39	3.910	0.64	30.0	16.0	●	
HCP 163-IQ	16.30	5.39	3.910	0.64	30.0	16.0	●	
HCP 164-IQ	16.40	5.39	3.910	0.64	30.0	16.0	●	
HCP 165-IQ	16.50	5.39	3.910	0.64	30.0	16.0	●	
HCP 166-IQ	16.60	5.39	3.910	0.64	30.0	16.0	●	
HCP 167-IQ	16.70	5.39	3.910	0.64	30.0	16.0	●	
HCP 168-IQ	16.80	5.39	3.910	0.64	30.0	16.0	●	
HCP 169-IQ	16.90	5.39	3.910	0.64	30.0	16.0	●	
HCP 170-IQ	17.00	5.33	4.570	0.87	30.0	17.0	●	
HCP 171-IQ	17.10	5.33	4.570	0.87	30.0	17.0	●	
HCP 172-IQ	17.20	5.33	4.570	0.87	30.0	17.0	●	
HCP 173-IQ	17.30	5.33	4.570	0.87	30.0	17.0	●	
HCP 174-IQ	17.40	5.33	4.570	0.87	30.0	17.0	●	
HCP 175-IQ	17.50	5.33	4.570	0.87	30.0	17.0	●	
HCP 176-IQ	17.60	5.33	4.570	0.87	30.0	17.0	●	
HCP 177-IQ	17.70	5.33	4.570	0.87	30.0	17.0	●	
HCP 178-IQ	17.80	5.33	4.570	0.87	30.0	17.0	●	
HCP 179-IQ	17.90	5.33	4.570	0.87	30.0	17.0	●	
HCP 180-IQ	18.00	5.84	4.660	0.81	30.0	18.0	●	
HCP 181-IQ	18.10	5.84	4.660	0.81	30.0	18.0	●	
HCP 182-IQ	18.20	5.84	4.660	0.81	30.0	18.0	●	
HCP 183-IQ	18.30	5.84	4.660	0.81	30.0	18.0	●	
HCP 184-IQ	18.40	5.84	4.660	0.81	30.0	18.0	●	
HCP 185-IQ	18.50	5.84	4.660	0.81	30.0	18.0	●	
HCP 186-IQ	18.60	5.84	4.660	0.81	30.0	18.0	●	
HCP 187-IQ	18.70	5.84	4.660	0.81	30.0	18.0	●	
HCP 188-IQ	18.80	5.84	4.660	0.81	30.0	18.0	●	
HCP 189-IQ	18.90	5.84	4.660	0.81	30.0	18.0	●	
HCP 190-IQ	19.00	6.34	4.660	0.75	30.0	19.0	●	
HCP 191-IQ	19.10	6.34	4.660	0.75	30.0	19.0	●	
HCP 192-IQ	19.20	6.34	4.660	0.75	30.0	19.0	●	
HCP 1927-IQ	19.27	6.34	4.660	0.75	30.0	19.0	●	
HCP 193-IQ	19.30	6.34	4.660	0.75	30.0	19.0	●	
HCP 194-IQ	19.40	6.34	4.660	0.75	30.0	19.0	●	
HCP 195-IQ	19.50	6.34	4.660	0.75	30.0	19.0	●	
HCP 196-IQ	19.60	6.34	4.660	0.75	30.0	19.0	●	
HCP 197-IQ	19.70	6.34	4.660	0.75	30.0	19.0	●	
HCP 198-IQ	19.80	6.34	4.660	0.75	30.0	19.0	●	
HCP 199-IQ	19.90	6.34	4.660	0.75	30.0	19.0	●	
HCP 200-IQ	20.00	6.79	4.810	0.58	30.0	20.0	●	
HCP 201-IQ	20.10	6.79	4.810	0.58	30.0	20.0	●	

• Advance Self-Centering and high surface finish • For cutting conditions see page 68-81

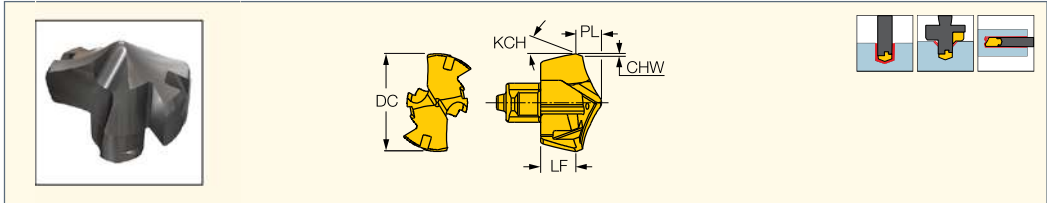
<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • MNC-7/8D (67) • DCNT (M8-M24) (136) • MNSNT (293)





**HCP-IQ (continued)**  
Exchangeable Self-Centering  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



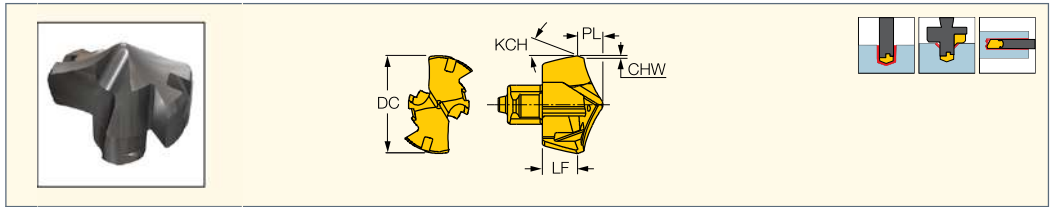
Designation	Dimensions						IC908
	DC	LF	PL	CHW	KCH	SSC <sup>(1)</sup>	
HCP 202-IQ	20.20	6.79	4.810	0.58	30.0	20.0	●
HCP 203-IQ	20.30	6.79	4.810	0.58	30.0	20.0	●
HCP 204-IQ	20.40	6.79	4.810	0.58	30.0	20.0	●
HCP 205-IQ	20.50	6.79	4.810	0.58	30.0	20.0	●
HCP 206-IQ	20.60	6.79	4.810	0.58	30.0	20.0	●
HCP 207-IQ	20.70	6.79	4.810	0.58	30.0	20.0	●
HCP 208-IQ	20.80	6.79	4.810	0.58	30.0	20.0	●
HCP 209-IQ	20.90	6.79	4.810	0.58	30.0	20.0	●
HCP 210-IQ	21.00	7.24	4.940	0.69	30.0	21.0	●
HCP 211-IQ	21.10	7.24	4.940	0.69	30.0	21.0	●
HCP 212-IQ	21.20	7.24	4.940	0.69	30.0	21.0	●
HCP 213-IQ	21.30	7.24	4.940	0.69	30.0	21.0	●
HCP 214-IQ	21.40	7.24	4.940	0.69	30.0	21.0	●
HCP 215-IQ	21.50	7.24	4.940	0.69	30.0	21.0	●
HCP 216-IQ	21.60	7.24	4.940	0.69	30.0	21.0	●
HCP 217-IQ	21.70	7.24	4.940	0.69	30.0	21.0	●
HCP 218-IQ	21.80	7.24	4.940	0.69	30.0	21.0	●
HCP 219-IQ	21.90	7.20	4.940	0.69	30.0	21.0	●
HCP 220-IQ	22.00	7.56	5.200	0.69	30.0	22.0	●
HCP 221-IQ	22.10	7.56	5.200	0.69	30.0	22.0	●
HCP 222-IQ	22.20	7.56	5.200	0.69	30.0	22.0	●
HCP 223-IQ	22.30	7.56	5.200	0.69	30.0	22.0	●
HCP 224-IQ	22.40	7.56	5.200	0.69	30.0	22.0	●
HCP 225-IQ	22.50	7.56	5.200	0.69	30.0	22.0	●
HCP 226-IQ	22.60	7.56	5.200	0.69	30.0	22.0	●
HCP 227-IQ	22.70	7.56	5.200	0.69	30.0	22.0	●
HCP 228-IQ	22.80	7.56	5.200	0.69	30.0	22.0	●
HCP 229-IQ	22.90	7.56	5.200	0.69	30.0	22.0	●
HCP 230-IQ	23.00	8.05	5.280	0.75	30.0	23.0	●
HCP 231-IQ	23.10	8.05	5.280	0.75	30.0	23.0	●
HCP 232-IQ	23.20	8.05	5.280	0.75	30.0	23.0	●
HCP 233-IQ	23.30	8.05	5.280	0.75	30.0	23.0	●
HCP 234-IQ	23.40	8.05	5.280	0.75	30.0	23.0	●
HCP 235-IQ	23.50	8.05	5.280	0.75	30.0	23.0	●
HCP 236-IQ	23.60	8.05	5.280	0.75	30.0	23.0	●
HCP 237-IQ	23.70	8.05	5.280	0.75	30.0	23.0	●
HCP 238-IQ	23.80	8.05	5.280	0.75	30.0	23.0	●
HCP 239-IQ	23.90	8.05	5.280	0.75	30.0	23.0	●
HCP 240-IQ	24.00	8.27	5.630	0.81	30.0	24.0	●
HCP 241-IQ	24.10	8.27	5.630	0.81	30.0	24.0	●
HCP 242-IQ	24.20	8.27	5.630	0.81	30.0	24.0	●
HCP 243-IQ	24.30	8.27	5.630	0.81	30.0	24.0	●
HCP 244-IQ	24.40	8.27	5.630	0.81	30.0	24.0	●
HCP 245-IQ	24.50	8.27	5.630	0.81	30.0	24.0	●
HCP 246-IQ	24.60	8.27	5.630	0.81	30.0	24.0	●
HCP 247-IQ	24.70	8.27	5.630	0.81	30.0	24.0	●
HCP 248-IQ	24.80	8.27	5.630	0.81	30.0	24.0	●
HCP 249-IQ	24.90	8.27	5.630	0.81	30.0	24.0	●
HCP 250-IQ	25.00	8.80	5.700	0.64	30.0	25.0	●
HCP 251-IQ	25.10	8.80	5.700	0.64	30.0	25.0	●
HCP 252-IQ	25.20	8.80	5.700	0.64	30.0	25.0	●
HCP 253-IQ	25.30	8.80	5.700	0.64	30.0	25.0	●
HCP 254-IQ	25.40	8.80	5.700	0.64	30.0	25.0	●
HCP 255-IQ	25.50	8.80	5.700	0.64	30.0	25.0	●
HCP 256-IQ	25.60	8.80	5.700	0.64	30.0	25.0	●

• Advance Self-Centering and high surface finish • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • MNC-7/8D (67) • DCNT (M8-M24) (136) • MNSNT (293)

**HCP-IQ (continued)**  
Exchangeable Self-Centering  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions						IC908
	DC	LF	PL	CHW	KCH	SSC <sup>(1)</sup>	
HCP 2565-IQ	25.65	8.80	5.700	0.67	30.0	25.0	●
HCP 257-IQ	25.70	8.80	5.700	0.64	30.0	25.0	●
HCP 258-IQ	25.80	8.80	5.700	0.64	30.0	25.0	●
HCP 259-IQ	25.90	8.80	5.700	0.64	30.0	25.0	●
HCP 260-IQ	26.00	9.12	5.950	0.58	30.0	26.0	●
HCP 262-IQ	26.20	9.12	5.950	0.58	30.0	26.0	●
HCP 265-IQ	26.50	9.12	5.950	0.58	30.0	26.0	●
HCP 266-IQ	26.60	9.12	5.950	0.58	30.0	26.0	●
HCP 269-IQ	26.90	9.12	5.950	0.58	30.0	26.0	●
HCP 270-IQ	27.00	9.45	6.200	0.64	30.0	27.0	●
HCP 275-IQ	27.50	9.45	6.200	0.64	30.0	27.0	●
HCP 277-IQ	27.70	9.45	6.200	0.64	30.0	27.0	●
HCP 280-IQ	28.00	9.80	6.420	0.64	30.0	28.0	●
HCP 285-IQ	28.50	9.80	6.420	0.64	30.0	28.0	●
HCP 290-IQ	29.00	10.16	6.640	0.64	30.0	29.0	●
HCP 295-IQ	29.50	10.16	6.640	0.64	30.0	29.0	●
HCP 300-IQ	30.00	10.50	6.880	0.69	30.0	30.0	●
HCP 305-IQ	30.50	10.50	6.880	0.69	30.0	30.0	●
HCP 310-IQ	31.00	11.00	6.960	0.69	30.0	31.0	●
HCP 315-IQ	31.50	11.00	6.960	0.69	30.0	31.0	●
HCP 3175-IQ	31.75	11.00	6.960	0.69	30.0	31.0	●
HCP 320-IQ	32.00	11.20	7.340	0.75	30.0	32.0	●
HCP 325-IQ	32.50	11.20	7.340	0.75	30.0	32.0	●
HCP 329-IQ	32.90	11.20	7.340	0.75	30.0	32.0	●

• Advance Self-Centering and high surface finish • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

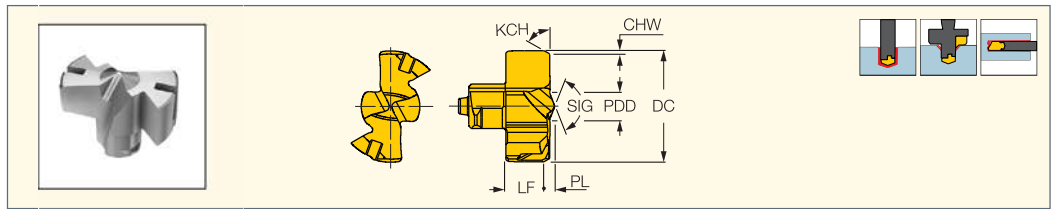
**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• MNC-5D (66) • MNC-7/8D (67) • DCNT (M8-M24) (136) • MNSNT (293)





**FCP**

Exchangeable Flat Bottom  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



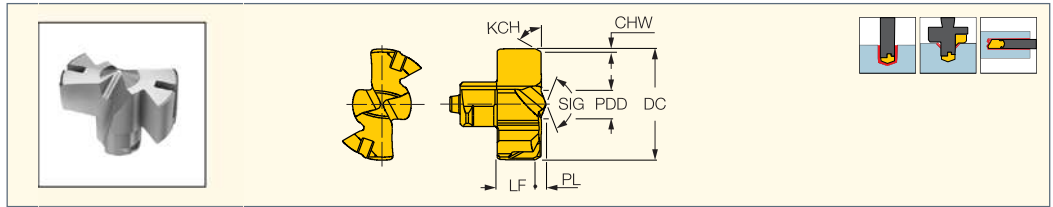
Designation	Dimensions									IC908
	DC	PDD	LF	PL	CHW	KCH	SIG	SSC <sup>(1)</sup>		
FCP 040-IQ	4.00	1.44	2.50	0.440	0.17	60.0	140	4	SK DCN 4-4.99	●
FCP 041-IQ	4.10	1.44	2.50	0.440	0.17	60.0	140	4	SK DCN 4-4.99	●
FCP 042-IQ	4.20	1.44	2.50	0.440	0.17	60.0	140	4	SK DCN 4-4.99	●
FCP 043-IQ	4.30	1.44	2.50	0.440	0.17	60.0	140	4	SK DCN 4-4.99	●
FCP 044-IQ	4.40	1.44	2.50	0.440	0.17	60.0	140	4	SK DCN 4-4.99	●
FCP 045-IQ	4.50	1.56	2.80	0.480	0.17	60.0	140	4.5	SK DCN 4-4.99	●
FCP 046-IQ	4.60	1.56	2.80	0.480	0.17	60.0	140	4.5	SK DCN 4-4.99	●
FCP 047-IQ	4.70	1.56	2.80	0.480	0.17	60.0	140	4.5	SK DCN 4-4.99	●
FCP 048-IQ	4.80	1.56	2.80	0.480	0.17	60.0	140	4.5	SK DCN 4-4.99	●
FCP 049-IQ	4.90	1.56	2.80	0.480	0.17	60.0	140	4.5	SK DCN 4-4.99	●
FCP 050-IQ	5.00	1.98	2.90	0.610	0.23	60.0	140	5.0	SK DCN 5-5.99	●
FCP 051-IQ	5.10	1.98	2.90	0.610	0.23	60.0	140	5.0	SK DCN 5-5.99	●
FCP 052-IQ	5.20	1.98	2.90	0.610	0.23	60.0	140	5.0	SK DCN 5-5.99	●
FCP 053-IQ	5.30	1.98	2.90	0.610	0.23	60.0	140	5.0	SK DCN 5-5.99	●
FCP 054-IQ	5.40	1.98	2.90	0.610	0.23	60.0	140	5.0	SK DCN 5-5.99	●
FCP 055-IQ	5.50	2.02	2.90	0.610	0.23	60.0	140	5.5	SK DCN 5-5.99	●
FCP 056-IQ	5.60	2.02	2.90	0.610	0.23	60.0	140	5.5	SK DCN 5-5.99	●
FCP 057-IQ	5.70	2.02	2.90	0.610	0.23	60.0	140	5.5	SK DCN 5-5.99	●
FCP 058-IQ	5.80	2.02	2.90	0.610	0.23	60.0	140	5.5	SK DCN 5-5.99	●
FCP 059-IQ	5.90	2.02	2.90	0.610	0.23	60.0	140	5.5	SK DCN 5-5.99	●
FCP 060	6.00	1.15	2.40	0.610	0.23	60.0	140	6.0		●
FCP 061	6.10	1.15	2.40	0.610	0.23	60.0	140	6.0		●
FCP 062	6.20	1.15	2.40	0.610	0.23	60.0	140	6.0		●
FCP 063	6.30	1.15	2.40	0.610	0.23	60.0	140	6.0		●
FCP 064	6.40	1.15	2.40	0.610	0.23	60.0	140	6.0		●
FCP 065	6.50	1.54	2.60	0.680	0.23	60.0	140	6.5		●
FCP 066	6.60	1.54	2.60	0.680	0.23	60.0	140	6.5		●
FCP 067	6.70	1.54	2.60	0.680	0.23	60.0	140	6.5		●
FCP 068	6.80	1.54	2.60	0.680	0.23	60.0	140	6.5		●
FCP 069	6.90	1.54	2.60	0.680	0.23	60.0	140	6.5		●
FCP 070	7.00	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 071	7.10	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 072	7.20	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 073	7.30	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 074	7.40	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 075	7.50	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 076	7.60	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 077	7.70	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 078	7.80	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 079	7.90	1.54	2.90	0.680	0.23	60.0	140	7.0		●
FCP 080	8.00	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 081	8.10	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 082	8.20	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 083	8.30	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 084	8.40	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 085	8.50	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 086	8.60	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 087	8.70	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 088	8.80	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 089	8.90	2.44	3.30	1.090	0.40	60.0	140	8.0		●
FCP 090	9.00	2.55	3.50	1.110	0.40	60.0	140	9.0		●
FCP 091	9.10	2.55	3.50	1.110	0.40	60.0	140	9.0		●
FCP 092	9.20	2.55	3.50	1.110	0.40	60.0	140	9.0		●
FCP 093	9.30	2.55	3.50	1.110	0.40	60.0	140	9.0		●
FCP 094	9.40	2.55	3.50	1.110	0.40	60.0	140	9.0		●

• For nearly flat bottom hole applications • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)

**FCP (continued)**  
Exchangeable Flat Bottom  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions								IC908
	DC	PDD	LF	PL	CHW	KCH	SIG	SSC <sup>(1)</sup>	
FCP 095	9.50	2.55	3.50	1.110	0.40	60.0	140	9.0	●
FCP 096	9.60	2.55	3.50	1.110	0.40	60.0	140	9.0	●
FCP 097	9.70	2.55	3.50	1.110	0.40	60.0	140	9.0	●
FCP 098	9.80	2.55	3.50	1.110	0.40	60.0	140	9.0	●
FCP 099	9.90	2.55	3.50	1.110	0.40	60.0	140	9.0	●
FCP 100	10.00	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 101	10.10	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 102	10.20	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 103	10.30	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 104	10.40	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 105	10.50	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 106	10.60	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 107	10.70	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 108	10.80	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 109	10.90	2.89	3.70	1.170	0.40	60.0	140	10.0	●
FCP 110	11.00	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 111	11.10	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 112	11.20	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 113	11.30	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 114	11.40	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 115	11.50	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 116	11.60	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 117	11.70	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 118	11.80	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 119	11.90	2.98	3.80	1.250	0.40	60.0	140	11.0	●
FCP 120	12.00	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 121	12.10	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 122	12.20	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 123	12.30	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 124	12.40	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 125	12.50	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 126	12.60	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 127	12.70	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 128	12.80	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 129	12.90	3.13	4.10	1.260	0.40	60.0	140	12.0	●
FCP 130	13.00	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 131	13.10	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 132	13.20	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 133	13.30	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 134	13.40	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 135	13.50	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 136	13.60	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 137	13.70	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 138	13.80	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 139	13.90	3.52	4.40	1.280	0.40	60.0	140	13.0	●
FCP 140	14.00	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 141	14.10	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 142	14.20	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 143	14.30	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 144	14.40	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 145	14.50	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 146	14.60	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 147	14.70	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 148	14.80	3.81	4.80	1.310	0.40	60.0	140	14.0	●
FCP 149	14.90	3.81	4.80	1.310	0.40	60.0	140	14.0	●

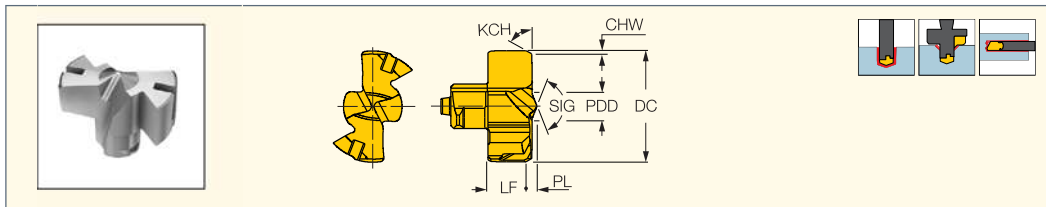
● For nearly flat bottom hole applications ● For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)



**FCP (continued)**  
 Exchangeable Flat Bottom  
 Drilling Heads for DCN  
 Drills, for Machining ISO  
 P and ISO K Materials



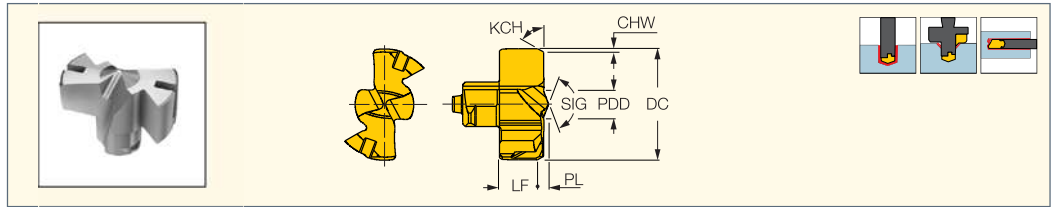
Designation	Dimensions								IC908
	DC	PDD	LF	PL	CHW	KCH	SIG	SSC <sup>(1)</sup>	
FCP 150	15.00	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 151	15.10	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 152	15.20	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 153	15.30	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 154	15.40	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 155	15.50	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 156	15.60	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 157	15.70	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 158	15.80	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 159	15.90	4.24	5.23	1.350	0.40	60.0	140	15.0	●
FCP 160	16.00	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 161	16.10	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 162	16.20	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 163	16.30	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 164	16.40	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 165	16.50	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 166	16.60	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 167	16.70	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 168	16.80	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 169	16.90	4.06	5.60	1.390	0.40	60.0	140	16.0	●
FCP 170	17.00	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 171	17.10	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 172	17.20	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 173	17.30	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 174	17.40	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 175	17.50	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 176	17.60	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 177	17.70	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 178	17.80	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 179	17.90	4.14	5.90	1.400	0.40	60.0	140	17.0	●
FCP 180	18.00	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 181	18.10	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 182	18.20	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 183	18.30	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 184	18.40	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 185	18.50	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 186	18.60	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 187	18.70	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 188	18.80	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 189	18.90	4.16	6.18	1.420	0.40	60.0	140	18.0	●
FCP 190	19.00	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 191	19.10	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 192	19.20	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 193	19.30	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 194	19.40	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 195	19.50	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 196	19.60	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 197	19.70	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 198	19.80	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 199	19.90	4.25	6.50	1.440	0.40	60.0	140	19.0	●
FCP 200	20.00	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 201	20.10	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 202	20.20	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 203	20.30	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 204	20.40	6.56	7.50	1.770	0.40	60.0	140	20.0	●

• For nearly flat bottom hole applications • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
 • DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
 • DCNT (M8-M24) (136)

**FCP (continued)**  
Exchangeable Flat Bottom  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions								IC908
	DC	PDD	LF	PL	CHW	KCH	SIG	SSC <sup>(1)</sup>	
FCP 205	20.50	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 206	20.60	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 207	20.70	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 208	20.80	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 209	20.90	6.56	7.50	1.770	0.40	60.0	140	20.0	●
FCP 210	21.00	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 211	21.10	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 212	21.20	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 213	21.30	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 214	21.40	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 215	21.50	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 216	21.60	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 217	21.70	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 218	21.80	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 219	21.90	6.92	7.90	1.790	0.40	60.0	140	21.0	●
FCP 220	22.00	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 221	22.10	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 222	22.20	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 223	22.30	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 224	22.40	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 225	22.50	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 226	22.60	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 227	22.70	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 228	22.80	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 229	22.90	7.13	8.20	1.810	0.40	60.0	140	22.0	●
FCP 230	23.00	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 231	23.10	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 232	23.20	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 233	23.30	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 234	23.40	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 235	23.50	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 236	23.60	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 237	23.70	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 238	23.80	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 239	23.90	7.42	8.60	1.830	0.40	60.0	140	23.0	●
FCP 240	24.00	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 241	24.10	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 242	24.20	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 243	24.30	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 244	24.40	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 245	24.50	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 246	24.60	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 247	24.70	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 248	24.80	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 249	24.90	7.45	9.00	1.860	0.40	60.0	140	24.0	●
FCP 250	25.00	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 251	25.10	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 252	25.20	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 253	25.30	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 254	25.40	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 255	25.50	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 256	25.60	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 257	25.70	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 258	25.80	7.54	9.40	1.900	0.40	60.0	140	25.0	●
FCP 259	25.90	7.54	9.40	1.900	0.40	60.0	140	25.0	●

● For nearly flat bottom hole applications ● For cutting conditions see page 68-81

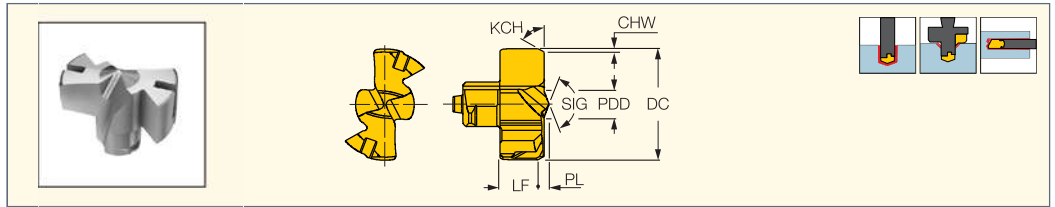
<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)



**SUMOCHAM**  
FLAT HEAD

**FCP (continued)**  
Exchangeable Flat Bottom  
Drilling Heads for DCN  
Drills, for Machining ISO  
P and ISO K Materials



Designation	Dimensions								IC908
	DC	PDD	LF	PL	CHW	KCH	SIG	SSC <sup>(1)</sup>	
FCP 260	26.00	8.00	9.70	1.990	0.40	60.0	140	26.0	●
FCP 265	26.50	8.00	9.70	1.990	0.40	60.0	140	26.0	●
FCP 270	27.00	8.10	10.40	2.050	0.40	60.0	140	27.0	●
FCP 275	27.50	8.10	10.40	2.050	0.40	60.0	140	27.0	●
FCP 280	28.00	8.80	10.50	2.150	0.40	60.0	140	28.0	●
FCP 285	28.50	8.80	10.50	2.150	0.40	60.0	140	28.0	●
FCP 290	29.00	9.00	10.80	2.200	0.40	60.0	140	29.0	●
FCP 295	29.50	9.00	10.80	2.200	0.40	60.0	140	29.0	●
FCP 300	30.00	9.10	11.40	2.150	0.40	60.0	140	30.0	●
FCP 305	30.50	9.10	11.40	2.150	0.40	60.0	140	30.0	●
FCP 310	31.00	9.10	11.70	2.180	0.40	60.0	140	31.0	●
FCP 315	31.50	9.10	11.70	2.180	0.40	60.0	140	31.0	●
FCP 320	32.00	9.80	12.30	2.210	0.40	60.0	140	32.0	●
FCP 325	32.50	9.80	12.30	2.210	0.40	60.0	140	32.0	●

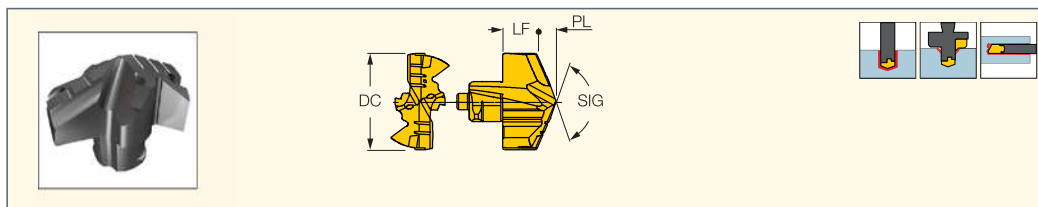
● For nearly flat bottom hole applications    ● For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11)  
• DCN R-10D (11) • DCN R-12D (12) • DCN C-3D (13) • DCN C-5D (13) • DCN C-8D (14) • DCN C-12D (14) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17)  
• DCNT (M8-M24) (136)



**ICG**  
Exchangeable Chip Splitting  
Drilling Heads for DCN  
Drills, for Machining ISO  
M and ISO P Materials



Designation	Dimensions						IC908
	DC	LF	PL	SIG	SSC <sup>(1)</sup>		
ICG 140	14.00	5.08	2.770	130	14.0	●	
ICG 142	14.20	5.08	2.770	130	14.0	●	
ICG 145	14.50	5.08	2.770	130	14.0	●	
ICG 150	15.00	5.45	2.980	130	15.0	●	
ICG 155	15.50	5.33	3.100	130	15.0	●	
ICG 160	16.00	5.81	3.190	130	16.0	●	
ICG 163	16.30	5.81	3.190	130	16.0	●	
ICG 165	16.50	5.81	3.190	130	16.0	●	
ICG 170	17.00	6.20	3.400	130	17.0	●	
ICG 175	17.50	6.20	3.400	130	17.0	●	
ICG 177	17.70	6.20	3.400	130	17.0	●	
ICG 180	18.00	6.60	3.600	130	18.0	●	
ICG 185	18.50	6.60	3.600	130	18.0	●	
ICG 190	19.00	6.89	3.810	130	19.0	●	
ICG 193	19.30	6.89	3.810	130	19.0	●	
ICG 195	19.50	6.89	3.810	130	19.0	●	
ICG 200	20.00	7.22	3.980	130	20.0	●	
ICG 203	20.30	7.22	3.980	130	20.0	●	
ICG 205	20.50	7.22	3.980	130	20.0	●	
ICG 210	21.00	7.65	4.130	130	21.0	●	
ICG 215	21.50	7.65	4.130	130	21.0	●	
ICG 220	22.00	8.05	4.310	130	22.0	●	
ICG 225	22.50	8.05	4.310	130	22.0	●	
ICG 230	23.00	8.44	4.490	130	23.0	●	
ICG 235	23.50	8.44	4.490	130	23.0	●	
ICG 240	24.00	8.81	4.690	130	24.0	●	
ICG 245	24.50	8.81	4.690	130	24.0	●	
ICG 250	25.00	9.18	4.920	130	25.0	●	
ICG 253	25.30	9.18	4.920	130	25.0	●	
ICG 257	25.70	9.18	4.920	130	25.0	●	
ICG 259	25.90	9.18	4.920	130	25.0	●	

• Drilling head equipped with chip breaker and chip splitter • For cutting conditions see page 68-81

<sup>(1)</sup> Seat size code

**For tools, see pages:** DCN A-1.5D (4) • DCN R-1.5D (5) • DCN A-3D (6) • DCN R-3D (7) • DCN A-5D (8) • DCN R-5D (9) • DCN A-8D (10) • DCN R-8D (11) • DCN R-10D (11) • DCN R-12D (12) • DCNS-3D (15) • DCNS-5D (16) • DCNM (17) • MNC-5D (66) • DCNT (M8-M24) (136) • MNSNT (293)