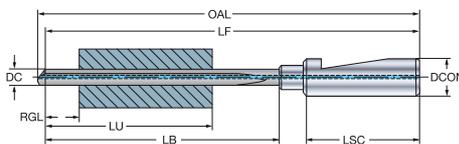


# Gun drill

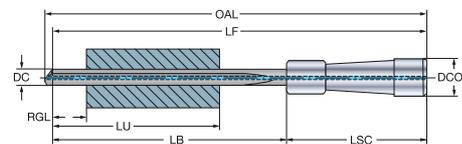
With internal coolant supply



A428.91-20x  
TCHA H9



A428.91-10x  
H9



CZC <sub>MS</sub>	DC	DC''	Ordering code	P K		Dimensions, mm, inch															
				K5	K15	DCON	LU	LU''	LF	LF''	LB	LB''	OAL	OAL''	RGL	RGL''	LSC	LSC''			
1	19.05	.7500	A428.91-07500-16-205	☆	☆	25.4	287.40	11.315	403.00	15.866	336.00	13.228	406	15.984	30.00	1.181	70.00	2.755			
	19.05	.7500	A428.91-07500-22-205	☆	☆	25.4	440.40	17.338	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	19.05	.7500	A428.91-07500-28-205	☆	☆	25.4	592.40	23.322	708.00	27.874	641.00	25.236	711	27.992	30.00	1.181	70.00	2.755			
	19.05	.7500	A428.91-07500-36-205	☆	☆	25.4	795.40	31.315	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
1 1/4	19.84	.7812	A428.91-07812-22-207	☆	☆	31.7	439.20	17.291	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	19.84	.7812	A428.91-07812-36-207	☆	☆	31.7	794.20	31.267	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	20.24	.7969	A428.91-07969-22-207	☆	☆	31.7	438.60	17.267	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	20.24	.7969	A428.91-07969-36-207	☆	☆	31.7	793.60	31.244	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	20.63	.8125	A428.91-08125-22-207	☆	☆	31.7	438.00	17.244	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	20.63	.8125	A428.91-08125-36-207	☆	☆	31.7	793.00	31.220	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	21.43	.8437	A428.91-08437-22-207	☆	☆	31.7	436.90	17.200	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	21.43	.8437	A428.91-08437-36-207	☆	☆	31.7	791.90	31.177	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	21.82	.8594	A428.91-08594-22-207	☆	☆	31.7	436.30	17.177	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	21.82	.8594	A428.91-08594-36-207	☆	☆	31.7	791.30	31.153	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	22.22	.8750	A428.91-08750-22-207	☆	☆	31.7	435.70	17.153	556.00	21.889	489.00	19.252	559	22.007	30.00	1.181	70.00	2.755			
	22.22	.8750	A428.91-08750-36-207	☆	☆	31.7	790.70	31.129	911.00	35.866	844.00	33.228	914	35.984	30.00	1.181	70.00	2.755			
	23.01	.9062	A428.91-09062-22-207	☆	☆	31.7	434.50	17.106	556.00	21.889	489.00	19.252	559	22.007	35.00	1.377	70.00	2.755			
	23.01	.9062	A428.91-09062-36-207	☆	☆	31.7	789.50	31.082	911.00	35.866	844.00	33.228	914	35.984	35.00	1.377	70.00	2.755			
	23.41	.9219	A428.91-09219-22-207	☆	☆	31.7	433.90	17.082	556.00	21.889	489.00	19.252	559	22.007	35.00	1.377	70.00	2.755			
	23.41	.9219	A428.91-09219-36-207	☆	☆	31.7	788.90	31.059	911.00	35.866	844.00	33.228	914	35.984	35.00	1.377	70.00	2.755			
	23.81	.9375	A428.91-09375-22-207	☆	☆	31.7	433.30	17.059	556.00	21.889	489.00	19.252	559	22.007	35.00	1.377	70.00	2.755			
	23.81	.9375	A428.91-09375-36-207	☆	☆	31.7	788.30	31.035	911.00	35.866	844.00	33.228	914	35.984	35.00	1.377	70.00	2.755			
	24.60	.9687	A428.91-09687-22-207	☆	☆	31.7	432.10	17.011	555.00	21.850	489.00	19.252	559	22.007	35.00	1.377	70.00	2.755			
	24.60	.9687	A428.91-09687-36-207	☆	☆	31.7	787.10	30.988	910.00	35.826	844.00	33.228	914	35.984	35.00	1.377	70.00	2.755			
25.40	1.0000	A428.91-10000-22-207	☆	☆	31.7	430.90	16.964	555.00	21.850	489.00	19.252	559	22.007	35.00	1.377	70.00	2.755				
25.40	1.0000	A428.91-10000-36-207	☆	☆	31.7	785.90	30.940	910.00	35.826	844.00	33.228	914	35.984	35.00	1.377	70.00	2.755				

For explanation of parameters see page 1