

ENDMILLS/**CARBIDE**

# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

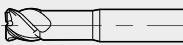
HSS  
DRILLS & TAPS

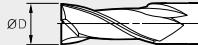
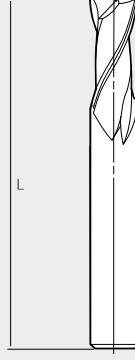
SPARE  
PARTS

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# DXC4080-050-08-R1

1	2	3	4	5	6	7	8
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1	ENDMILL SERIES	2	HARDNESS	3	TYPE	4	FLUTE
D	Dream	G	General (HRC45)	B		2	
U	Ultra	X	Extreme (HRC55)	C		3	
		W	Wrath (HRC68)	F		4	
						6	

5	CUTTING DIA.	6	LENGTH (mm)	7	SHAFT DIA.	8	RADIUS
...		...		...		R.	

## PVD ENDMILLS GRADES

MATERIAL	GRADE	Color	Operation
P/M/K	Dream General	DARK GRAY	General milling for steel up to 45HrC
			Ultra fine substrate, PVD coating
	Dream Extreme	COPPER	High cutting on hardened steel up to 55HrC
			Ultra fine substrate, PVD coating
	Dream Wraith	DARK BLUE	High cutting on hardened steel up to 68HrC
			Ultra fine substrate, PVD coating
N	Dream Aluminium	GRAY	General milling for aluminium and brass
			Ultra fine substrate

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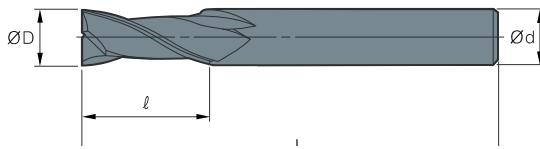
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## DGF

UP TO HRC45

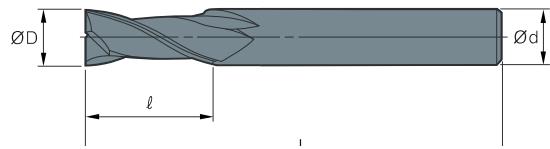


	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DGF	4010-050-04	●	1	4	3	50	-
	4010-050-06	●	1	6	3	50	-
	4015-050-03	●	1,5	3	4	50	-
	4015-050-04	●	1,5	4	4	50	-
	4015-050-06	●	1,5	6	4	50	-
	4020-050-03	●	2	3	6	50	-
	4020-050-04	●	2	4	6	50	-
	4020-050-06	●	2	6	6	50	-
	4025-050-04	●	2,5	4	8	50	-
	4025-050-06	●	2,5	6	8	50	-
	4030-050-03	●	3	3	8	50	-
	4030-050-04	●	3	4	8	50	-
	4030-050-06	●	3	6	8	50	-
	4030-075-03	●	3	3	8	75	-
	4030-100-03	●	3	3	8	100	-
	4035-050-04	●	3,5	4	11	50	-
	4035-050-06	●	3,5	6	11	50	-
	4040-050-04	●	4	4	11	50	-
	4040-050-06	●	4	6	11	50	-
	4040-075-04	●	4	4	20	75	-
	4040-100-04	●	4	4	20	100	-
	4045-050-06	●	4,5	6	11	50	-
	4050-050-05	●	5	5	13	50	-
	4050-050-06	●	5	6	13	50	-
	4050-075-05	●	5	5	20	75	-
	4050-100-05	●	5	5	20	100	-
	4055-050-06	●	5,5	6	13	50	-
	4060-050-06	●	6	6	15	50	-
	4060-060-06	●	6	6	15	60	-
	4060-075-06	●	6	6	20	75	-



DGF

UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DGF	4060-100-06	●	6	6	25	100	-
	4060-150-06	●	6	6	40	150	-
	4070-060-08	●	7	8	20	60	-
	4080-060-08	●	8	8	20	60	-
	4080-064-08	●	8	8	20	64	-
	4080-075-08	●	8	8	25	75	-
	4080-100-08	●	8	8	40	100	-
	4080-150-08	●	8	8	40	150	-
	4080-200-08	●	8	8	50	200	-
	4085-075-10	●	8.5	10	25	75	-
	4090-075-10	●	9	10	25	75	-
	4100-075-10	●	10	10	25	75	-
	4100-100-10	●	10	10	40	100	-
	4100-150-10	●	10	10	50	150	-
	4110-075-12	●	11	12	25	75	-
	4120-075-12	●	12	12	30	75	-
	4120-100-12	●	12	12	45	100	-
	4120-150-12	●	12	12	50	150	-
	4130-080-14	●	13	14	40	80	-
	4130-100-14	●	13	14	40	100	-
	4140-080-14	●	14	14	40	80	-
	4140-100-14	●	14	14	50	100	-
	4140-150-14	●	14	14	50	150	-
	4150-100-16	●	15	16	45	100	-
	4160-100-16	●	16	16	45	100	-
	4160-150-16	●	16	16	50	150	-
	4180-100-18	●	18	18	45	100	-
	4180-150-18	●	18	18	50	150	-
	4190-100-20	●	19	20	45	100	-
	4200-100-20	●	20	20	45	100	-
	4200-150-20	●	20	20	75	150	-



# CARBIDE /ENDMILLS

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DRILLS

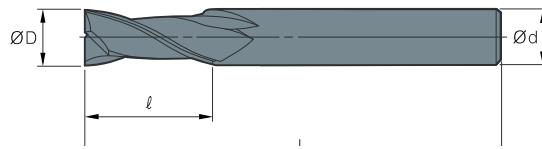
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## DGP

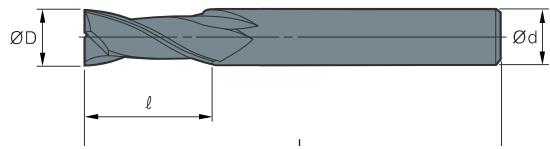
UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DGP 1030-050-03	●	3	3	12	50	-
	1031-070-04	●	3.1	4	25	70	-
	1040-050-04	●	4	4	16	50	-
	1040-075-04	●	4	4	32	75	-
	1045-070-05	●	4.5	5	25	70	-
	1050-050-05	●	5	5	15	50	-
	1050-055-05	●	5	5	18	55	-
	1060-055-06	●	6	6	19	55	-
	1060-070-08	●	6	8	37	70	-
	1060-075-06	●	6	6	35	75	-
	1080-050-08	●	8	8	25	50	-
	1080-072-08	●	8	8	35	72	-
	1100-070-10	●	10	10	25	70	-
	1120-070-12	●	12	12	25	70	-
	1130-100-13	●	13	13	40	100	-
	2040-080-04	●	4	4	40	80	-
	2060-057-06	●	6	6	23	57	-
	2060-080-06	●	6	6	40	80	-
	2070-080-07	●	7	7	40	80	-
	2080-057-08	●	8	8	23	57	-
	2080-080-08	●	8	8	40	80	-
	2100-080-10	●	10	10	40	80	-
	2120-080-12	●	12	12	40	80	-

DGR

UP TO HRC45



	DESCRIPTION		STOCK	DIMENSIONS				
	DGR	Part Number		ØD	Ød	I	L	r
	4060-050-06	●		6	6	15	50	-
	4080-060-08	●		8	8	20	60	-
	4100-075-10	●		10	10	25	75	-
	4120-075-12	●		12	12	30	75	-

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DRILLS

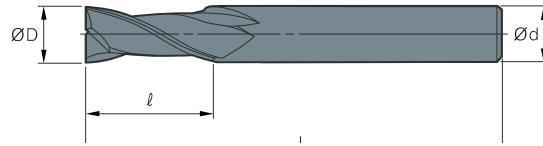
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## DXF

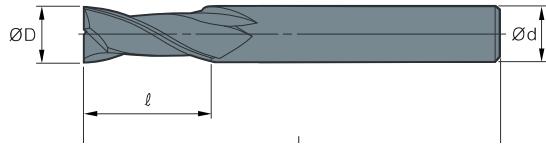
UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DXF 4010-050-04	●	1	4	3	50	-
	4010-050-06	●	1	6	3	50	-
	4015-050-04	●	1,5	4	4	50	-
	4015-050-06	●	1,5	6	4	50	-
	4020-050-04	●	2	4	6	50	-
	4020-050-06	●	2	6	6	50	-
	4025-050-04	●	2,5	4	8	50	-
	4025-050-06	●	2,5	6	8	50	-
	4030-050-03	●	3	3	8	50	-
	4030-050-04	●	3	4	8	50	-
	4030-050-06	●	3	6	8	50	-
	4030-075-03	●	3	3	15	75	-
	4030-100-03	●	3	3	8	100	-
	4035-050-04	●	3,5	4	11	50	-
	4035-050-06	●	3,5	6	11	50	-
	4040-050-04	●	4	4	11	50	-
	4040-050-06	●	4	6	11	50	-
	4040-075-04	●	4	4	20	75	-
	4040-100-04	●	4	4	20	100	-
	4050-050-05	●	5	5	13	50	-
	4050-050-06	●	5	6	13	50	-
	4050-075-05	●	5	5	20	75	-
	4050-075-06	●	5	6	25	75	-
	4050-100-05	●	5	5	20	100	-
	4060-050-06	●	6	6	15	50	-
	4060-075-06	●	6	6	20	75	-

DXF

UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DXF	4060-100-06	●	6	6	25	100	-
	4060-150-06	●	6	6	40	150	-
	4070-060-08	●	7	8	20	60	-
	4080-060-08	●	8	8	20	60	-
	4080-064-08	●	8	8	20	64	-
	4080-075-08	●	8	8	25	75	-
	4080-100-08	●	8	8	40	100	-
	4080-150-08	●	8	8	40	150	-
	4090-075-10	●	9	10	25	75	-
	4100-075-10	●	10	10	25	75	-
	4100-100-10	●	10	10	40	100	-
	4100-150-10	●	10	10	50	150	-
	4110-075-12	●	11	12	25	75	-
	4120-075-12	●	12	12	30	75	-
	4120-083-12	●	12	12	30	83	-
	4120-100-12	●	12	12	45	100	-
	4120-150-12	●	12	12	50	150	-
	4130-100-14	●	13	14	40	100	-
	4140-080-14	●	14	14	40	80	-
	4140-100-14	●	14	14	50	100	-
	4140-150-14	●	14	14	50	150	-
	4150-100-16	●	15	16	45	100	-
	4160-100-16	●	16	16	45	100	-
	4160-150-16	●	16	16	50	150	-
	4180-100-18	●	18	18	45	100	-
	4180-150-18	●	18	18	50	150	-
	4200-100-20	●	20	20	45	100	-
	4200-150-20	●	20	20	75	150	-

# CARBIDE /ENDMILLS

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DRILLS

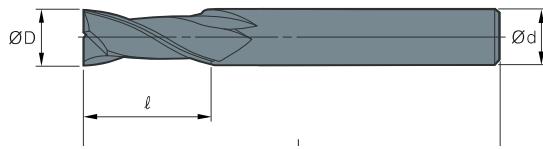
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## DWF

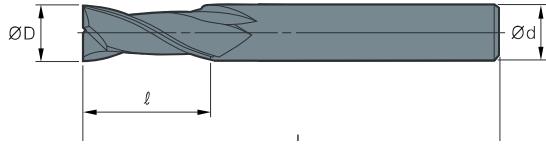
UP TO HRC68



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DWF	4010-050-04	●	1	4	3	50	-
	4010-050-06	●	1	6	3	50	-
	4015-050-04	●	1,5	4	4	50	-
	4015-050-06	●	1,5	6	4	50	-
	4020-050-04	●	2	4	6	50	-
	4020-050-06	●	2	6	6	50	-
	4025-050-04	●	2,5	4	8	50	-
	4025-050-06	●	2,5	6	8	50	-
	4030-050-03	●	3	3	8	50	-
	4030-050-04	●	3	4	8	50	-
	4030-050-06	●	3	6	8	50	-
	4035-050-04	●	3,5	4	11	50	-
	4035-050-06	●	3,5	6	11	50	-
	4040-050-04	●	4	4	11	50	-
	4040-050-06	●	4	6	11	50	-
	4040-075-04	●	4	4	20	75	-
	4040-100-04	●	4	4	20	100	-
	4050-050-05	●	5	5	13	50	-
	4050-050-06	●	5	6	13	50	-
	4050-075-05	●	5	5	20	75	-
	4050-100-05	●	5	5	20	100	-
	4060-050-06	●	6	6	15	50	-
	4060-075-06	●	6	6	20	75	-

DWF

UP TO HRC68

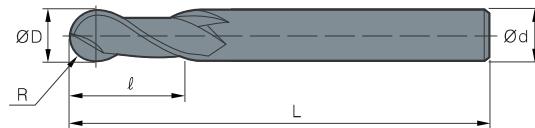


	DESCRIPTION		STOCK	DIMENSIONS				
	DWF	Part Number		ØD	Ød	I	L	r
	DWF	4060-100-06	●	6	6	25	100	-
		4060-150-06	●	6	6	40	150	-
		4070-060-08	●	7	8	20	60	-
		4080-060-08	●	8	8	20	60	-
		4080-075-08	●	8	8	25	75	-
		4080-100-08	●	8	8	40	100	-
		4080-150-08	●	8	8	40	150	-
		4090-075-10	●	9	10	25	75	-
		4100-075-10	●	10	10	25	75	-
		4100-100-10	●	10	10	40	100	-
		4100-150-10	●	10	10	50	150	-
		4120-075-12	●	12	12	30	75	-
		4120-100-12	●	12	12	45	100	-
		4120-150-12	●	12	12	50	150	-
		4140-080-14	●	14	14	40	80	-
		4140-100-14	●	14	14	50	100	-
		4140-150-14	●	14	14	50	150	-
		4160-100-16	●	16	16	45	100	-
		4160-150-16	●	16	16	50	150	-
		4180-100-18	●	18	18	45	100	-
		4180-150-18	●	18	18	50	150	-
		4200-100-20	●	20	20	45	100	-
		4200-150-20	●	20	20	75	150	-

# CARBIDE /ENDMILLS

DGB

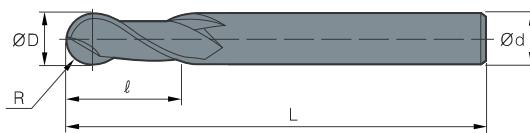
UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DGB	2010-050-04	●	1	4	3	50	-
	2010-050-06	●	1	6	3	50	-
	2015-050-04	●	1,5	4	4	50	-
	2015-050-06	●	1,5	6	4	50	-
	2020-050-04	●	2	4	6	50	-
	2020-050-06	●	2	6	6	50	-
	2025-050-04	●	2,5	4	8	50	-
	2025-050-06	●	2,5	6	8	50	-
	2030-050-03	●	3	3	8	50	-
	2030-050-04	●	3	4	8	50	-
	2030-050-06	●	3	6	8	50	-
	2030-075-03	●	3	3	8	75	-
	2030-100-03	●	3	3	8	100	-
	2035-050-04	●	3,5	4	11	50	-
	2035-050-06	●	3,5	6	11	50	-
	2040-050-04	●	4	4	11	50	-
	2040-050-06	●	4	6	11	50	-
	2040-075-04	●	4	4	20	75	-
	2040-100-04	●	4	4	20	100	-
	2050-050-05	●	5	5	13	50	-
	2050-050-06	●	5	6	13	50	-
	2050-075-05	●	5	5	20	75	-
	2050-100-05	●	5	5	20	100	-
	2060-050-06	●	6	6	15	50	-
	2060-060-06	●	6	6	15	60	-
	2060-075-06	●	6	6	20	75	-

## DGB

UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
DGB	2060-100-06	●	6	6	25	100	-
	2060-150-06	●	6	6	40	150	-
	2070-060-08	●	7	8	20	60	-
	2080-060-08	●	8	8	20	60	-
	2080-064-08	●	8	8	20	64	-
	2080-075-08	●	8	8	25	75	-
	2080-100-08	●	8	8	40	100	-
	2080-150-08	●	8	8	40	150	-
	2090-075-10	●	9	10	25	75	-
	2100-075-10	●	10	10	25	75	-
	2100-100-10	●	10	10	40	100	-
	2100-150-10	●	10	10	50	150	-
	2120-075-12	●	12	12	30	75	-
	2120-100-12	●	12	12	45	100	-
	2120-150-12	●	12	12	50	150	-
	2130-100-14	●	13	14	50	100	-
	2140-080-14	●	14	14	40	80	-
	2140-100-14	●	14	14	50	100	-
	2140-150-14	●	14	14	50	150	-
	2150-100-16	●	15	16	45	100	-
	2160-100-16	●	16	16	45	100	-
	2160-150-16	●	16	16	50	150	-
	2170-100-18	●	17	18	45	100	-
	2180-100-18	●	18	18	45	100	-
	2180-150-18	●	18	18	50	150	-
	2200-100-20	●	20	20	45	100	-
	2200-150-20	●	20	20	75	150	-
	4060-050-06	●	6	6	15	50	-
	4080-060-08	●	8	8	16	60	-
	4080-075-08	●	8	8	16	75	-
	4080-100-08	●	8	8	16	100	-
	4100-100-10		10	10	20	100	-

# CARBIDE /ENDMILLS

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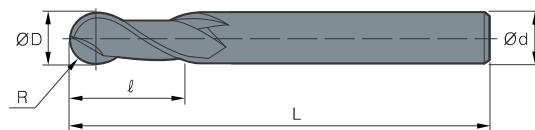
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## DXB

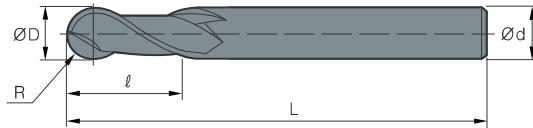
UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DXB	2010-050-04	●	1	4	3	50	-
	2010-050-06	●	1	6	3	50	-
	2015-050-03	●	1,5	3	6	50	-
	2015-050-04	●	1,5	4	4	50	-
	2015-050-06	●	1,5	6	4	50	-
	2020-050-04	●	2	4	6	50	-
	2020-050-06	●	2	6	6	50	-
	2025-050-04	●	2,5	4	8	50	-
	2025-050-06	●	2,5	6	8	50	-
	2030-050-03	●	3	3	8	50	-
	2030-050-04	●	3	4	8	50	-
	2030-050-06	●	3	6	8	50	-
	2030-075-03	●	3	3	6	75	-
	2030-100-03	●	3	3	6	100	-
	2035-050-04	●	3,5	4	11	50	-
	2035-050-06	●	3,5	6	11	50	-
	2040-050-04	●	4	4	11	50	-
	2040-050-06	●	4	6	11	50	-
	2040-075-04	●	4	4	20	75	-
	2040-100-04	●	4	4	20	100	-
	2050-050-05	●	5	5	13	50	-
	2050-050-06	●	5	6	13	50	-
	2050-075-05	●	5	5	20	75	-
	2050-075-06	●	5	6	13	75	-
	2050-100-05	●	5	5	20	100	-
	2060-050-06	●	6	6	15	50	-
	2060-075-06	●	6	6	20	75	-

**DXB**

UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DXB	2060-100-06	●	6	6	25	100	-
	2060-150-06	●	6	6	40	150	-
	2070-060-08	●	7	8	20	60	-
	2080-060-08	●	8	8	20	60	-
	2080-075-08	●	8	8	25	75	-
	2080-100-08	●	8	8	12	100	-
	2080-150-08	●	8	8	40	150	-
	2090-075-10	●	9	10	25	75	-
	2100-075-10	●	10	10	25	75	-
	2100-100-10	●	10	10	40	100	-
	2100-150-10	●	10	10	50	150	-
	2120-075-12	●	12	12	30	75	-
	2120-083-12	●	12	12	25	83	-
	2120-100-12	●	12	12	45	100	-
	2120-150-12	●	12	12	50	150	-
	2140-080-14	●	14	14	40	80	-
	2140-100-14	●	14	14	50	100	-
	2140-150-14	●	14	14	50	150	-
	2160-100-16	●	16	16	45	100	-
	2160-150-16	●	16	16	50	150	-
	2180-100-18	●	18	18	45	100	-
	2180-150-18	●	18	18	50	150	-
	2200-100-20	●	20	20	45	100	-
	2200-150-20	●	20	20	75	150	-
	4020-050-04	●	2	4	6	50	-
	4050-050-06	●	5	6	13	50	-

# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

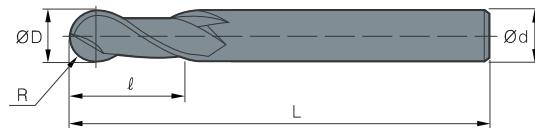
HSS  
DRILLS & TAPS

SPARE  
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## DWB

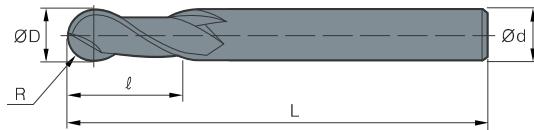
UP TO HRC68



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DWB	2010-050-04	●	1	4	3	50	-
	2010-050-06	●	1	6	3	50	-
	2015-050-04	●	1,5	4	4	50	-
	2015-050-06	●	1,5	6	4	50	-
	2020-050-04	●	2	4	6	50	-
	2020-050-06	●	2	6	6	50	-
	2025-050-04	●	2,5	4	8	50	-
	2025-050-06	●	2,5	6	8	50	-
	2030-050-03	●	3	3	8	50	-
	2030-050-04	●	3	4	8	50	-
	2030-050-06	●	3	6	8	50	-
	2035-050-04	●	3,5	4	11	50	-
	2035-050-06	●	3,5	6	11	50	-
	2040-050-04	●	4	4	11	50	-
	2040-050-06	●	4	6	11	50	-
	2040-075-04	●	4	4	20	75	-
	2040-100-04	●	4	4	20	100	-
	2050-050-05	●	5	5	13	50	-
	2050-050-06	●	5	6	13	50	-
	2050-075-05	●	5	5	20	75	-
	2050-100-05	●	5	5	20	100	-
	2060-050-06	●	6	6	15	50	-
	2060-075-06	●	6	6	20	75	-

DWB

UP TO HRC68



	DESCRIPTION		STOCK	DIMENSIONS				
	DWB	Code		ØD	Ød	I	L	r
	2060-100-06	●	6	6	25	100	-	-
	2060-150-06	●	6	6	40	150	-	-
	2070-060-08	●	7	8	20	60	-	-
	2080-060-08	●	8	8	20	60	-	-
	2080-075-08	●	8	8	25	75	-	-
	2080-100-08	●	8	8	20	100	-	-
	2080-150-08	●	8	8	40	150	-	-
	2090-075-10	●	9	10	25	75	-	-
	2100-075-10	●	10	10	25	75	-	-
	2100-100-10	●	10	10	40	100	-	-
	2100-150-10	●	10	10	50	150	-	-
	2120-075-12	●	12	12	30	75	-	-
	2120-100-12	●	12	12	45	100	-	-
	2120-150-12	●	12	12	50	150	-	-
	2140-080-14	●	14	14	40	80	-	-
	2140-100-14	●	14	14	50	100	-	-
	2140-150-14	●	14	14	50	150	-	-
	2160-100-16	●	16	16	45	100	-	-
	2160-150-16	●	16	16	50	150	-	-
	2180-100-18	●	18	18	45	100	-	-
	2180-150-18	●	18	18	50	150	-	-
	2200-100-20	●	20	20	45	100	-	-
	2200-150-20	●	20	20	75	150	-	-

# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

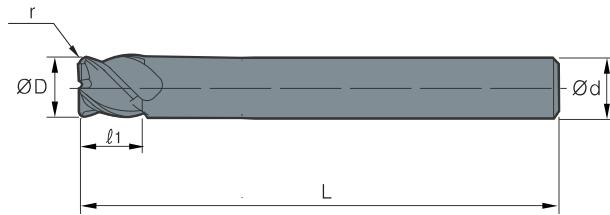
HSS  
DRILLS & TAPS

SPARE  
PARTS

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## DGC

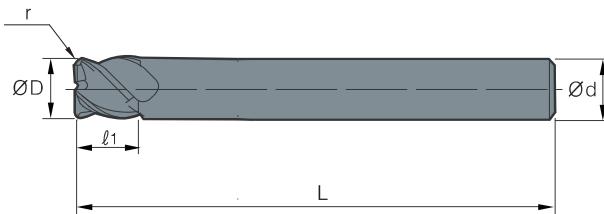
UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
	DGC 4020-050-04-R0.5	●	2	4	6	50	0.5
	4020-050-06-R0.5	●	2	6	6	50	0.5
	4030-050-03-R0.5	●	3	3	8	50	0.5
	4030-050-03-R1.0	●	3	3	8	50	1.0
	4030-050-04-R0.5	●	3	4	8	50	0.5
	4030-050-04-R1.0	●	3	4	8	50	1.0
	4030-050-06-R0.5	●	3	6	8	50	0.5
	4030-050-06-R1.0	●	3	6	8	50	1.0
	4040-050-04-R0.5	●	4	4	11	50	0.5
	4040-050-04-R1.0	●	4	4	11	50	1.0
	4040-050-06-R0.5	●	4	6	11	50	0.5
	4040-050-06-R1.0	●	4	6	11	50	1.0
	4040-075-04-R0.5	●	4	4	11	75	0.5
	4040-075-04-R1.0	●	4	4	11	75	1.0
	4040-100-04-R0.5	●	4	4	11	100	0.5
	4040-100-04-R1.0	●	4	4	11	100	1.0
	4050-050-05-R0.5	●	5	5	13	50	0.5
	4050-050-05-R1.0	●	5	5	13	50	1.0
	4050-050-06-R0.5	●	5	6	13	50	0.5
	4050-050-06-R1.0	●	5	6	13	50	1.0
	4050-075-05-R0.5	●	5	5	13	75	0.5
	4050-075-05-R1.0	●	5	5	13	75	1.0
	4050-100-05-R0.5	●	5	5	13	100	0.5
	4050-100-05-R1.0	●	5	5	13	100	1.0
	4060-050-06-R0.5	●	6	6	15	50	0.5

## DGC

UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
DGC	4060-050-06-R1.0	●	6	6	15	50	1.0
	4060-075-06-R0.5	●	6	6	15	75	0.5
	4060-075-06-R1.0	●	6	6	15	75	1.0
	4060-100-06-R0.5	●	6	6	15	100	0.5
	4060-100-06-R1.0	●	6	6	15	100	1.0
	4060-150-06-R0.5	●	6	6	15	150	0.5
	4060-150-06-R1.0	●	6	6	15	150	1.0
	4070-060-08-R0.5	●	7	8	20	60	0.5
	4070-060-08-R1.0	●	7	8	20	60	1.0
	4080-060-08-R0.5	●	8	8	20	60	0.5
	4080-060-08-R1.0	●	8	8	20	60	1.0
	4080-075-08-R0.5	●	8	8	20	75	0.5
	4080-075-08-R1.0	●	8	8	20	75	1.0
	4080-100-08-R0.5	●	8	8	20	100	0.5
	4080-100-08-R1.0	●	8	8	20	100	1.0
	4080-150-08-R0.5	●	8	8	20	150	0.5
	4080-150-08-R1.0	●	8	8	20	150	1.0
	4090-075-10-R0.5	●	9	10	25	75	0.5
	4090-075-10-R1.0	●	9	10	25	75	1.0
	4100-075-10-R0.5	●	10	10	25	75	0.5
	4100-075-10-R1.0	●	10	10	25	75	1.0
	4100-100-10-R0.5	●	10	10	25	100	0.5
	4100-100-10-R1.0	●	10	10	25	100	1.0
	4100-150-10-R0.5	●	10	10	25	150	0.5
	4100-150-10-R1.0	●	10	10	25	150	1.0

# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

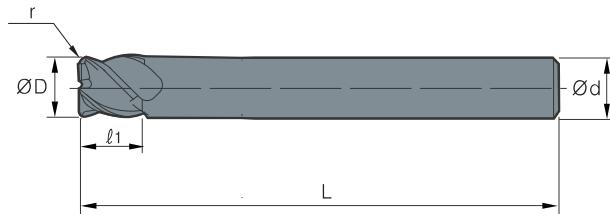
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## DGC

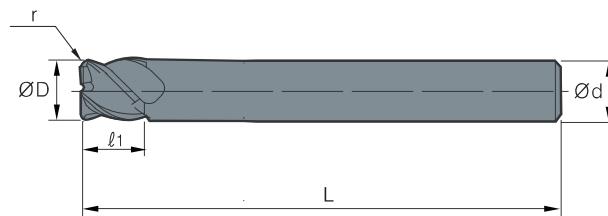
UP TO HRC45



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
	DGC 4120-075-12-R0.5	●	12	12	30	75	0.5
	4120-075-12-R1.0	●	12	12	30	75	1.0
	4120-100-12-R0.5	●	12	12	30	100	0.5
	4120-100-12-R1.0	●	12	12	30	100	1.0
	4120-100-12-R2.0	●	12	12	24	100	2.0
	4120-150-12-R0.5	●	12	12	30	150	0.5
	4120-150-12-R1.0	●	12	12	30	150	1.0
	4140-080-14-R0.5	●	14	14	30	80	0.5
	4140-080-14-R1.0	●	14	14	30	80	1.0
	4140-100-14-R0.5	●	14	14	30	100	0.5
	4140-100-14-R1.0	●	14	14	30	100	1.0
	4140-150-14-R0.5	●	14	14	30	150	0.5
	4140-150-14-R1.0	●	14	14	30	150	1.0
	4160-100-16-R0.5	●	16	16	30	100	0.5
	4160-100-16-R1.0	●	16	16	30	100	1.0
	4160-150-16-R0.5	●	16	16	30	150	0.5
	4160-150-16-R1.0	●	16	16	30	150	1.0
	4180-100-18-R0.5	●	18	18	30	100	0.5
	4180-100-18-R1.0	●	18	18	30	100	1.0
	4180-150-18-R0.5	●	18	18	30	150	0.5
	4180-150-18-R1.0	●	18	18	30	150	1.0
	4200-100-20-R0.5	●	20	20	30	100	0.5
	4200-100-20-R1.0	●	20	20	30	100	1.0
	4200-150-20-R0.5	●	20	20	30	150	0.5
	4200-150-20-R1.0	●	20	20	30	150	1.0

DXC

UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DXC	4020-050-04-R0.5	●	2	4	6	50	0.5
	4020-050-06-R0.5	●	2	6	6	50	0.5
	4030-050-03-R0.5	●	3	3	8	50	0.5
	4030-050-03-R1.0	●	3	3	8	50	1.0
	4030-050-04-R0.5	●	3	4	8	50	0.5
	4030-050-04-R1.0	●	3	4	8	50	1.0
	4030-050-06-R0.5	●	3	6	8	50	0.5
	4030-050-06-R1.0	●	3	6	8	50	1.0
	4030-075-03-R0.5	●	3	3	8	75	0.5
	4030-075-03-R1.0	●	3	3	8	75	1.0
	4030-075-04-R0.5	●	3	4	5	75	0.5
	4030-100-03-R0.5	●	3	3	8	100	0.5
	4030-100-03-R1.0	●	3	3	8	100	1.0
	4040-050-04-R0.5	●	4	4	11	50	0.5
	4040-050-04-R1.0	●	4	4	11	50	1.0
	4040-050-06-R0.5	●	4	6	11	50	0.5
	4040-050-06-R1.0	●	4	6	11	50	1.0
	4040-075-04-R0.5	●	4	4	11	75	0.5
	4040-075-04-R1.0	●	4	4	11	75	1.0
	4040-100-04-R0.5	●	4	4	11	100	0.5
	4040-100-04-R1.0	●	4	4	11	100	1.0
	4050-050-05-R0.5	●	5	5	13	50	0.5
	4050-050-05-R1.0	●	5	5	13	50	1.0
	4050-050-06-R0.5	●	5	6	13	50	0.5
	4050-050-06-R1.0	●	5	6	13	50	1.0
	4050-075-05-R0.5	●	5	5	13	75	0.5
	4050-075-05-R1.0	●	5	5	13	75	1.0
	4050-100-05-R0.5	●	5	5	13	100	0.5
	4050-100-05-R1.0	●	5	5	13	100	1.0
	4060-050-06-R0.5	●	6	6	15	50	0.5



# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

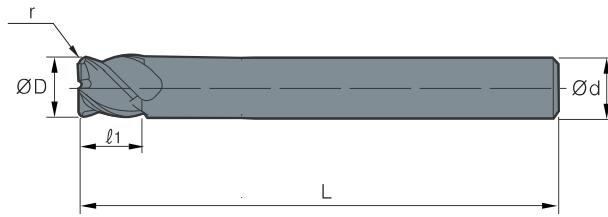
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## DXC

UP TO HRC55

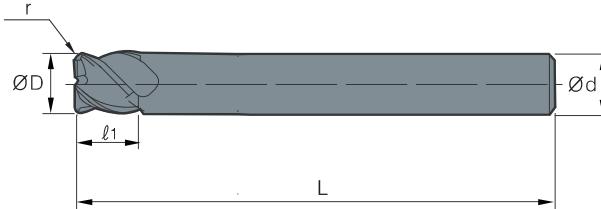


	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
	DXC 4060-050-06-R1.0	●	6	6	15	50	1.0
	4060-075-06-R0.5	●	6	6	15	75	0.5
	4060-075-06-R1.0	●	6	6	15	75	1.0
	4060-100-06-R0.5	●	6	6	15	100	0.5
	4060-100-06-R1.0	●	6	6	15	100	1.0
	4060-150-06-R0.5	●	6	6	15	150	0.5
	4060-150-06-R1.0	●	6	6	15	150	1.0
	4070-060-08-R0.5	●	7	8	20	60	0.5
	4070-060-08-R1.0	●	7	8	20	60	1.0
	4080-060-08-R0.5	●	8	8	20	60	0.5
	4080-060-08-R1.0	●	8	8	20	60	1.0
	4080-060-08-R2.0	●	8	8	20	60	2.0
	4080-064-08-R0.5	●	8	8	20	64	0.5
	4080-064-08-R1.0	●	8	8	20	64	1.0
	4080-075-08-R0.5	●	8	8	20	75	0.5
	4080-075-08-R1.0	●	8	8	20	75	1.0
	4080-100-08-R0.5	●	8	8	20	100	0.5
	4080-100-08-R1.0	●	8	8	20	100	1.0
	4080-150-08-R0.5	●	8	8	20	150	0.5
	4080-150-08-R1.0	●	8	8	20	150	1.0
	4090-075-10-R0.5	●	9	10	25	75	0.5
	4090-075-10-R1.0	●	9	10	25	75	1.0
	4100-075-10-R0.5	●	10	10	25	75	0.5
	4100-075-10-R1.0	●	10	10	25	75	1.0
	4100-075-10-R2.0	●	10	10	20	75	2.0
	4100-100-10-R0.5	●	10	10	25	100	0.5
	4100-100-10-R1.0	●	10	10	25	100	1.0
	4100-150-10-R0.5	●	10	10	25	150	0.5
	4100-150-10-R1.0	●	10	10	25	150	1.0

# CARBIDE /ENDMILLS

DXC

UP TO HRC55



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DXC	4120-075-12-R0.5	●	12	12	30	75	0.5
	4120-075-12-R1.0	●	12	12	30	75	1.0
	4120-075-12-R2.0	●	12	12	20	75	2.0
	4120-083-12-R0.5	●	12	12	20	83	0.5
	4120-083-12-R1.0	●	12	12	20	83	1.0
	4120-100-12-R0.5	●	12	12	30	100	0.5
	4120-100-12-R1.0	●	12	12	30	100	1.0
	4120-150-12-R0.5	●	12	12	30	150	0.5
	4120-150-12-R1.0	●	12	12	30	150	1.0
	4140-080-14-R0.5	●	14	14	30	80	0.5
	4140-080-14-R1.0	●	14	14	30	80	1.0
	4140-100-14-R0.5	●	14	14	30	100	0.5
	4140-100-14-R1.0	●	14	14	30	100	1.0
	4140-150-14-R0.5	●	14	14	30	150	0.5
	4140-150-14-R1.0	●	14	14	30	150	1.0
	4160-100-16-R0.5	●	16	16	30	100	0.5
	4160-100-16-R1.0	●	16	16	30	100	1.0
	4160-150-16-R0.5	●	16	16	30	150	0.5
	4160-150-16-R1.0	●	16	16	30	150	1.0
	4180-100-18-R0.5	●	18	18	30	100	0.5
	4180-100-18-R1.0	●	18	18	30	100	1.0
	4180-150-18-R0.5	●	18	18	30	150	0.5
	4180-150-18-R1.0	●	18	18	30	150	1.0
	4200-100-20-R0.5	●	20	20	30	100	0.5
	4200-100-20-R1.0	●	20	20	30	100	1.0
	4200-150-20-R0.5	●	20	20	30	150	0.5
	4200-150-20-R1.0	●	20	20	30	150	1.0



# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

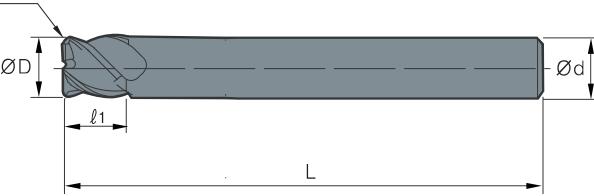
HSS  
DRILLS & TAPS

SPARE  
PARTS

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## DWC

UP TO HRC68



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DWC 4020-050-04-R0.5	●	2	4	6	50	0.5
	4020-050-06-R0.5	●	2	6	6	50	0.5
	4030-050-03-R0.5	●	3	3	8	50	0.5
	4030-050-03-R1.0	●	3	3	8	50	1.0
	4030-050-04-R0.5	●	3	4	8	50	0.5
	4030-050-04-R1.0	●	3	4	8	50	1.0
	4030-050-06-R0.5	●	3	6	8	50	0.5
	4030-050-06-R1.0	●	3	6	8	50	1.0
	4040-050-04-R0.5	●	4	4	11	50	0.5
	4040-050-04-R1.0	●	4	4	11	50	1.0
	4040-050-06-R0.5	●	4	6	11	50	0.5
	4040-050-06-R1.0	●	4	6	11	50	1.0
	4040-075-04-R0.5	●	4	4	11	75	0.5
	4040-075-04-R1.0	●	4	4	11	75	1.0
	4040-100-04-R0.5	●	4	4	11	100	0.5
	4040-100-04-R1.0	●	4	4	11	100	1.0
	4030-075-03-R0.5	●	3	3	20	75	0.5
	4030-075-03-R1.0	●	3	3	20	75	1.0
	4030-100-03-R0.5	●	3	3	20	100	0.5
	4030-100-03-R1.0	●	3	3	20	100	1.0
	4050-050-05-R0.5	●	5	5	13	50	0.5
	4050-050-05-R1.0	●	5	5	13	50	1.0
	4050-050-06-R0.5	●	5	6	13	50	0.5
	4050-050-06-R1.0	●	5	6	13	50	1.0
	4050-075-05-R0.5	●	5	5	13	75	0.5
	4050-075-05-R1.0	●	5	5	13	75	1.0
	4050-100-05-R0.5	●	5	5	13	100	0.5
	4050-100-05-R1.0	●	5	5	13	100	1.0
	4060-050-06-R0.5	●	6	6	15	50	0.5



# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

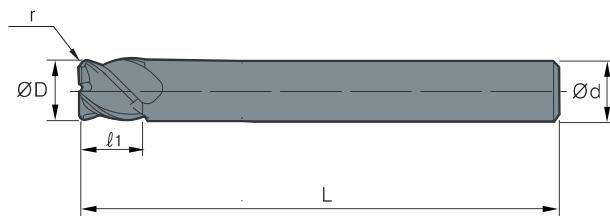
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## DWC

UP TO HRC68

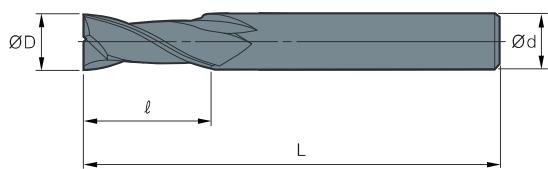


	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DWC 4120-075-12-R0.5	●	12	12	30	75	0.5
	4120-075-12-R1.0	●	12	12	30	75	1.0
	4120-100-12-R0.5	●	12	12	30	100	0.5
	4120-100-12-R1.0	●	12	12	30	100	1.0
	4120-150-12-R0.5	●	12	12	30	150	0.5
	4120-150-12-R1.0	●	12	12	30	150	1.0
	4140-080-14-R0.5	●	14	14	30	80	0.5
	4140-080-14-R1.0	●	14	14	30	80	1.0
	4140-100-14-R0.5	●	14	14	30	100	0.5
	4140-100-14-R1.0	●	14	14	30	100	1.0
	4140-150-14-R0.5	●	14	14	30	150	0.5
	4140-150-14-R1.0	●	14	14	30	150	1.0
	4160-100-16-R0.5	●	16	16	30	100	0.5
	4160-100-16-R1.0	●	16	16	30	100	1.0
	4160-150-16-R0.5	●	16	16	30	150	0.5
	4160-150-16-R1.0	●	16	16	30	150	1.0
	4180-100-18-R0.5	●	18	18	30	100	0.5
	4180-100-18-R1.0	●	18	18	30	100	1.0
	4180-150-18-R0.5	●	18	18	30	150	0.5
	4180-150-18-R1.0	●	18	18	30	150	1.0
	4200-100-20-R0.5	●	20	20	30	100	0.5
	4200-100-20-R1.0	●	20	20	30	100	1.0
	4200-150-20-R0.5	●	20	20	30	150	0.5
	4200-150-20-R1.0	●	20	20	30	150	1.0

DGA

2z

## UNCOATED CARBIDE



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
DGA	2010-050-04	●	1	4	3	50	-
	2010-050-06	●	1	6	3	50	-
	2020-050-04	●	2	4	6	50	-
	2020-050-06	●	2	6	6	50	-
	2030-050-03	●	3	3	8	50	-
	2030-050-04	●	3	4	8	50	-
	2030-050-06	●	3	6	8	50	-
	2040-050-04	●	4	4	11	50	-
	2040-050-06	●	4	6	11	50	-
	2040-075-04	●	4	4	20	75	-
	2040-100-04	●	4	4	20	100	-
	2050-050-05	●	5	5	13	50	-
	2050-050-06	●	5	6	13	50	-
	2050-075-05	●	5	5	20	75	-
	2050-100-05	●	5	5	20	100	-
	2060-050-06	●	6	6	15	50	-
	2060-075-06	●	6	6	20	75	-

# CARBIDE /ENDMILLS

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

HSS  
DRILLS & TAPS

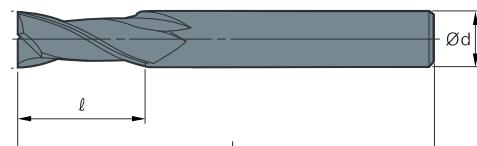
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## DGA

2Z

UNCOATED CARBIDE

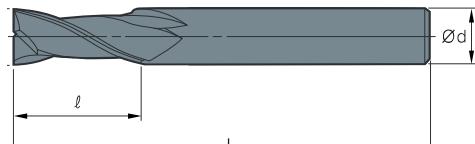


	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DGA 2060-100-06	●	6	6	25	100	-
	2060-150-06	●	6	6	40	150	-
	2080-060-08	●	8	8	20	60	-
	2080-075-08	●	8	8	25	75	-
	2080-100-08	●	8	8	40	100	-
	2080-150-08	●	8	8	40	150	-
	2100-075-10	●	10	10	25	75	-
	2100-100-10	●	10	10	40	100	-
	2100-150-10	●	10	10	50	150	-
	2120-075-12	●	12	12	30	75	-
	2120-100-12	●	12	12	45	100	-
	2120-150-12	●	12	12	50	150	-
	2140-080-14	●	14	14	40	80	-
	2140-100-14	●	14	14	50	100	-
	2140-150-14	●	14	14	50	150	-
	2160-100-16	●	16	16	45	100	-
	2160-150-16	●	16	16	50	150	-
	2180-100-18	●	18	18	45	100	-
	2180-150-18	●	18	18	50	150	-
	2200-100-20	●	20	20	45	100	-
	2200-150-20	●	20	20	75	150	-

## DGA

3Z

UNCOATED CARBIDE



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	l	L	r
DGA	3010-050-04	●	1	4	3	50	-
	3010-050-06	●	1	6	3	50	-
	3015-050-06	●	1.5	6	3	50	-
	3020-050-04	●	2	4	6	50	-
	3020-050-06	●	2	6	6	50	-
	3030-050-03	●	3	3	8	50	-
	3030-050-04	●	3	4	8	50	-
	3030-050-06	●	3	6	8	50	-
	3040-050-04	●	4	4	11	50	-
	3040-050-06	●	4	6	11	50	-
	3040-075-04	●	4	4	20	75	-
	3040-100-04	●	4	4	20	100	-
	3050-050-05	●	5	5	13	50	-
	3050-050-06	●	5	6	13	50	-
	3050-075-05	●	5	5	20	75	-
	3050-100-05	●	5	5	20	100	-
	3060-050-06	●	6	6	15	50	-
	3060-075-06	●	6	6	20	75	-



TURNING

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# CARBIDE /ENDMILLS

TURNING

GROOVING

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DRILLING

ENDMILLS

DRILLS

HSS  
DRILLS & TAPS

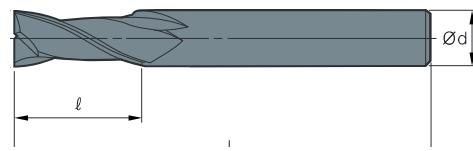
SPARE  
PARTS

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## DGA

3Z

UNCOATED CARBIDE



	DESCRIPTION	STOCK	DIMENSIONS				
			ØD	Ød	I	L	r
	DGA	●	6	6	25	100	-
	3060-100-06	●	6	6	40	150	-
	3060-150-06	●	8	8	20	60	-
	3080-060-08	●	8	8	25	75	-
	3080-075-08	●	8	8	40	100	-
	3080-100-08	●	8	8	40	150	-
	3080-150-08	●	10	10	25	75	-
	3100-075-10	●	10	10	40	100	-
	3100-100-10	●	10	10	50	150	-
	3100-150-10	●	12	12	30	75	-
	3120-075-12	●	12	12	45	100	-
	3120-100-12	●	12	12	50	150	-
	3120-150-12	●	14	14	40	80	-
	3140-080-14	●	14	14	50	100	-
	3140-100-14	●	14	14	50	150	-
	3140-150-14	●	16	16	45	100	-
	3160-100-16	●	16	16	60	150	-
	3160-150-16	●	18	18	45	100	-
	3180-100-18	●	18	18	50	150	-
	3180-150-18	●	20	20	45	100	-
	3200-100-20	●	20	20	75	150	-
	3200-150-20	●					

