

DTH BUTTON BITS

Bits that withstand the tough drilling conditions



DTH Button Bits have always been the most critical item in the drilling string. With working pressures increasing, it becomes important for the bits to stand to the tough conditions of drilling and give its optimum service life.

G-ROC considered these aspects and offered the button bits with sizes ranging from 70 mm – 203mm. Our checks at every stage of manufacturing and the in house set up will ensure that the bits will leave our premises with best of the quality and will stand to the tough conditions. Our portfolio includes standard global shanks with different face designs and button shapes

Button Bit Face Shape Selection



Flat Face



Convex Face



Concave Face



Double Gauge

Carbide Button Shape Selection



Spherical Button



Semi Ballistic
Button



Ballistic
Button

DHD 3.5

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	90		10210900	6 X 13.1	6 X 13.1	S X S	2	Standard
	92		10210920	6 X 13.1	6 X 13.1	S X S	2	Standard
	95		10210950	6 X 13.1	6 X 13.1	S X S	2	Standard
	95		10210950	6 X 10	6 X 13.1	S X S	2	Standard
	100		10211000	8 X 12.7	6 X 12.7	S X S	2	Standard
	100		10211000	7 X 14.7	6 X 12.7	S X S	2	Standard
Convex	105		10211050	8 X 14.7	6 X 13.1	S X S	2	Standard
	90		10220902	6 X 12.7	6 X 12.7	B X B	2	Standard
	95		10220952	6 X 12.7	6 X 12.7	B X B	2	Standard

DHD 340

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	105		10311050	8 X 14.7	6 X 13.1	S X S	2	Standard
	115		10311150	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10311153	7 X 18	7 X 13.1	S X S	2	Semi Heavy Duty
	127		10311270	8 X 14.7	8 X 13.1	S X S	2	Standard
	130		10311300	8 X 14.7	8 X 13.1	S X S	2	Standard
	140		10311400	8 X 14.7	9 X 13.1	S X S	2	Standard
	152		10311520	8 X 14.7	10 X 13.1	S X S	2	Standard
Concave	152		10311520	8 X 16.7	8 X 16.2	S X S	2	Standard
	105		10331050	8 X 14.7	6 X 13.1	S X S	2	Standard
	107		10331070	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10331150	8 X 14.7	7 X 13.1	S X S	2	Standard
	127		10331270	8 X 14.7	6 X 14.7	S X S	2	Standard
Convex	105		10321050	8 X 14.7	7 X 11.3.1	S X S	2	Standard
	115		10321150	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10321152	8 X 14	7 X 12.7	B X B	2	Standard
	127		10321270	8 X 14.7	8 X 12.7	S X S	2	Standard
	127		10321272	8 X 14	10 X 12.7	B X B	2	Standard
	140		10321402	8 X 14	11 X 12.7	B X B	2	Standard
	152		10321522	8 X 16.7	10 X 16.1	B X B	2	Standard

DHD 350

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	140		10711400	8 X 16.7	8 X 16.1	S X S	2	Standard
	140		10711401	9 X 16.7	8 X 14.7	S X S	3	Standard
	146		10711460	9 X 16.7	8 X 16.1	S X S	2	Standard
	152		10711520	8 X 16.7	9 X 16.1	S X S	2	Standard
	Concave	140		10731400	8 X 16.7	8 X 14.7	S X S	2
140			10731402	8 X 16.7	8 X 16.1	B X B	2	Standard
146			10731460	8 X 16.7	8 X 14.7	S X S	2	Standard
Convex	140		10721402	8 X 14	11 X 12.7	B X B	2	Standard
	140		10721400	8 X 14.7	8 X 13.1	S X S	2	Standard
	152		10721520	8 X 16.7	10 X 16.2	S X S	2	Standard
	152		10721522	8 X 16.7	10 X 16.1	B X B	2	Standard

DHD 360

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	152		11211520	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		11211651	9 X 16.7	10 X 16.1	S X S	3	Standard
	165		11211650	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		11211655	8 X 16.7	9 X 16.1	S X S	2	Heavy Duty & Hardfaced
	165		11211653	8 X 19	9 X 16.1	S X S	2	Semi Heavy Duty
	171		11211714	9 X 19	10 X 18	S X S	3	Heavy Duty
	171		11211715	9 X 19	10 X 18	S X S	3	Heavy Duty & Hardfaced
	178		11211780	10 X 16.7	12 X 16.1	S X S	2	Standard
	178		11211781	9 X 16.7	10 X 16.1	S X S	3	Standard
	203		11212030	10 X 16	14 X 16	S X S	2	Standard
Concave	152		11231520	8 X 16.7	10 X 16.1	S X S	2	Standard
	165		11231653	8 X 19	8 X 16.1	S X S	2	Semi Heavy Duty
	171		11231713	9 X 19	12 X 16.1	S X S	2	Semi Heavy Duty
	178		11231780	10 X 16.7	12 X 16.1	S X S	2	Standard
	191		11231910	10 X 16.7	12 X 16.1	S X S	2	Standard
	203		11232033	10 X 19	15 X 16.1	S X S	2	Semi Heavy Duty



MISSION 4

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES	
	mm	Inch		Gauge	Face	Shape			
Flat	105		10511050	8 X 14.7	6 X 13.1	S X S	2	Standard	
	115		10511150	8 X 14.7	7 X 13.1	S X S	2	Standard	
	115		10511153	7 X 18	7 X 13.1	S X S	2	Semi Heavy Duty	
	127		1011270	8 X 14.7	8 X 13.1	S X S	2	Standard	
	130		10511300	8 X 14.7	8 X 13.1	S X S	2	Standard	
	140		10511400	8 X 14.7	9 X 13.1	S X S	2	Standard	
	152		10511520	8 X 14.7	10 X 13.1	S X S	2	Standard	
	152		10511520	8 X 16.7	8 X 16.2	S X S	2	Standard	
	Concave	105		10531050	8 X 14.7	6 X 13.1	S X S	2	Standard
		107		10531070	8 X 14.7	7 X 13.1	S X S	2	Standard
115			10531150	8 X 14.7	7 X 13.1	S X S	2	Standard	
127			10531270	8 X 14.7	6 X 14.7	S X S	2	Standard	
Convex	105		10521050	8 X 14.7	7 X 13.1	S X S	2	Standard	
	115		10521150	8 X 14.7	7 X 13.1	S X S	2	Standard	
	115		10521152	8 X 14	7 X 12.7	B X B	2	Standard	
	127		10521270	8 X 14.7	8 X 12.7	S X S	2	Standard	
	127		10521272	8 X 14	10 X 12.7	B X B	2	Standard	
	140		10521402	8 X 14	11 X 12.7	B X B	2	Standard	
	152		10521522	8 X 16.7	10 X 16.1	B X B	2	Standard	

MISSION 5

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	140		10911400	8 X 16.7	8 X 16.1	S X S	2	Standard
	140		10911401	9 X 16.7	8 X 14.7	S X S	3	Standard
	146		10911460	9 X 16.7	8 X 16.1	S X S	2	Standard
	152		10911520	8 X 16.7	9 X 16.1	S X S	2	Standard
Concave	140		10931400	8 X 16.7	8 X 14.7	S X S	2	Standard
	140		10931402	8 X 16.7	8 X 16.1	B X B	2	Standard
	146		10931460	8 X 16.7	8 X 14.7	S X S	2	Standard
Convex	140		10921402	8 X 14	11 X 12.7	B X B	2	Standard
	140		10921400	8 X 14.7	8 X 13.1	S X S	2	Standard
	152		10921520	8 X 16.7	10 X 16.2	S X S	2	Standard
	152		10921522	8 X 16.7	10 X 16.1	B X B	2	Standard

MISSION 6

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	152		11011520	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		11011651	9 X 16.7	10 X 16.1	S X S	3	Standard
	165		11011650	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		11011655	8 X 16.7	9 X 16.1	S X S	2	Heavy Duty & Hardfaced
	165		11011653	8 X 19	9 X 16.1	S X S	2	Semi Heavy Duty
	171		11011714	9 X 19	10 X 18	S X S	3	Heavy Duty
	171		11011715	9 X 19	10 X 18	S X S	3	Heavy Duty & Hardfaced
	178		11011780	10 X 16.7	12 X 16.1	S X S	2	Standard
	178		11011781	9 X 16.7	10 X 16.1	S X S	3	Standard
	203		11012030	10 X 16	14 X 16	S X S	2	Standard
Concave	152		11031520	8 X 16.7	10 X 16.1	S X S	2	Standard
	165		11031653	8 X 19	8 X 16.1	S X S	2	Semi Heavy Duty
	171		11031713	9 X 19	12 X 16.1	S X S	2	Semi Heavy Duty
	178		11031780	10 X 16.7	12 X 16.1	S X S	2	Standard
	191		11031910	10 X 16.7	12 X 16.1	S X S	2	Standard
	203		11032033	10 X 19	15 X 16.1	S X S	2	Semi Heavy Duty



QL 40

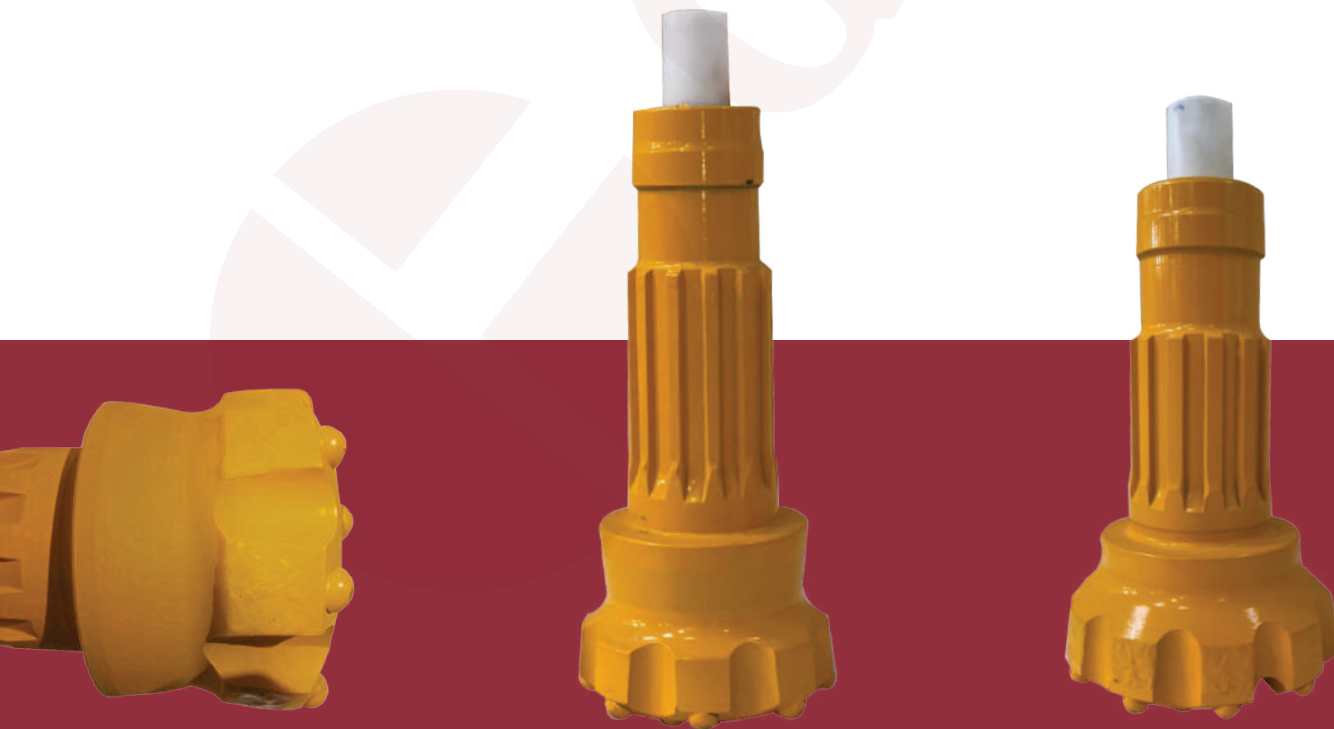
FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	105		10411050	8 X 14.7	6 X 13.1	S X S	2	Standard
	115		10411150	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10411153	7 X 18	7 X 13.1	S X S	2	Semi Heavy Duty
	115		10411156	7 X 18	7 X 3.1	S X S	2	Semi Heavy Duty with Hardfaced
	127		10411270	8 X 14.7	8 X 13.1	S X S	2	Standard
	130		10411300	8 X 14.7	8 X 13.1	S X S	2	Standard
	140		10411400	8 X 14.7	9 X 13.1	S X S	2	Standard
	152		10411520	8 X 14.7	10 X 13.1	S X S	2	Standard
	152		10411520	8 X 16.7	8 X 16.2	S X S	2	Standard
	Concave	105		10431050	8 X 14.7	6 X 13.1	S X S	2
107			10431070	8 X 14.7	7 X 13.1	S X S	2	Standard
115			10431150	8 X 14.7	7 X 13.1	S X S	2	Standard
127			10431270	8 X 14.7	6 X 14.7	S X S	2	Standard
Convex	105		10421050	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10421150	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		10421152	8 X 14	7 X 12.7	B X B	2	Standard
	127		10421270	8 X 14.7	8 X 12.7	S X S	2	Standard
	127		10421272	8 X 14	10 X 12.7	B X B	2	Standard
	140		10421402	8 X 14	11 X 12.7	B X B	2	Standard
	152		10421522	8 X 16.7	10 X 16.1	B X B	2	Standard

QL 50

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	140		10811400	8 X 16.7	8 X 16.1	S X S	2	Standard
	140		10811401	9 X 16.7	8 X 14.7	S X S	3	Standard
	146		10811460	9 X 16.7	8 X 16.1	S X S	2	Standard
	152		10811520	8 X 16.7	9 X 16.1	S X S	2	Standard
Concave	140		10831400	8 X 16.7	8 X 14.7	S X S	2	Standard
	140		10831402	8 X 16.7	8 X 16.1	B X B	2	Standard
	146		10831460	8 X 16.7	8 X 14.7	S X S	2	Standard
Convex	140		10821402	8 X 14	11 X 12.7	B X B	2	Standard
	140		10821400	8 X 14.7	8 X 13.1	S X S	2	Standard
	152		10821520	8 X 16.7	10 X 16.2	S X S	2	Standard
	152		10821522	8 X 16.7	10 X 16.1	B X B	2	Standard

QL 60

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	152		1111520	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		1111651	9 X 16.7	10 X 16.1	S X S	3	Standard
	165		1111650	8 X 16.7	9 X 16.1	S X S	2	Standard
	165		1111655	8 X 16.7	9 X 16.1	S X S	2	Heavy Duty & Hardfaced
	165		1111653	8 X 19	9 X 16.1	S X S	2	Semi Heavy Duty
	171		1111714	9 X 19	10 X 18	S X S	3	Heavy Duty
	171		1111715	9 X 19	10 X 18	S X S	3	Heavy Duty & Hardfaced
	178		1111780	10 X 16.7	12 X 16.1	S X S	2	Standard
	178		1111781	9 X 16.7	10 X 16.1	S X S	3	Standard
	203		1112030	10 X 16	14 X 16	S X S	2	Standard
Concave	152		11131520	8 X 16.7	10 X 16.1	S X S	2	Standard
	165		11131653	8 X 19	8 X 16.1	S X S	2	Semi Heavy Duty
	171		11131713	9 X 19	12 X 16.1	S X S	2	Semi Heavy Duty
	178		11131780	10 X 16.7	12 X 16.1	S X S	2	Standard
	191		11131910	10 X 16.7	12 X 16.1	S X S	2	Standard
	203		11132033	10 X 19	15 X 16.1	S X S	2	Semi Heavy Duty



BR2

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	70		10110700	6 X 10	5 X 10	S X S	2	Standard
	72		10110720	6 X 10	4 X 10	S X S	2	Standard
	76		10110760	6 X 12.7	4 X 10	S X S	2	Semi Heavy Duty
	80		10110800	6 X 12.7	5 X 10	S X S	2	Semi Heavy Duty with Hardfaced
	89		10110890	6 X 12.7	6 X 10	S X S	2	Standard
Convex	70		10120700	6 X 10	5 X 10	S X S	2	Standard
	70		10120707	6 X 10	5 X 10	S X B	2	Standard
	76		10120760	6 X 12.7	5 X 10	S X S	2	Standard
	76		10120767	6 X 12.7	5 X 10	S X B	2	Standard

MACH 44

FACE DESIGN	SIZE		PRODUCT NUMBER	BUTTON DETAILS			FLUSHING HOLE	FEATURES
	mm	Inch		Gauge	Face	Shape		
Flat	105		11411050	8 X 14.7	6 X 13.1	S X S	2	Standard
	115		11411150	8 X 14.7	7 X 13.1		2	Standard
	115		11411153	7 X 18	7 X 13.1	S X S	2	Semi Heavy Duty
	115		11411156	7 X 18	7 X 3.1	S X S	2	Semi Heavy Duty with Hardfaced
	127		11411270	8 X 14.7	8 X 13.1	S X S	2	Standard
	130		11411300	8 X 14.7	8 X 13.1	S X S	2	Standard
	140		11411400	8 X 14.7	9 X 13.1	S X S	2	Standard
	152		11411520	8 X 14.7	10 X 13.1	S X S	2	Standard
	152		11411520	8 X 16.7	8 X 16.2	S X S	2	Standard
	Concave	105		11431050	8 X 14.7	6 X 13.1	S X S	2
107			11431070	8 X 14.7	7 X 13.1	S X S	2	Standard
115			11431150	8 X 14.7	7 X 13.1	S X S	2	Standard
127			11431270	8 X 14.7	6 X 14.7	S X S	2	Standard
Convex	105		11421050	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		11421150	8 X 14.7	7 X 13.1	S X S	2	Standard
	115		11421152	8 X 14	7 X 12.7	B X B	2	Standard
	127		11421270	8 X 14.7	8 X 12.7	S X S	2	Standard
	127		11421272	8 X 14	10 X 12.7	B X B	2	Standard
	140		11421402	8 X 14	11 X 12.7	B X B	2	Standard
	152		11421522	8 X 16.7	10 X 16.1	B X B	2	Standard

OTHER BUTTON BITS



We have included popular Shanks, Sizes and design in this catalogue.
For any other requirements, please contact us

A NEW DIMENSION IN ROCK DRILLING TOOLS



A NEW DIMENSION IN ROCK DRILLING TOOLS



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