

**Page**  
**Seite**

<b>Bit index / Bohrkronenübersicht</b> .....	58-59
Boart .....	62, 74
Böhler .....	62
Bulroc .....	62-63, 65, 67-75
Compair Holman .....	67-69, 71
Epiroc .....	63-65, 67-73, 75-76
Halco .....	63, 65-76
Ingersoll-Rand .....	65-73
Karbo.....	65, 67-68
Mincon .....	65-76
Mission .....	65, 74-76
Numa .....	65, 67-73
Puma .....	65, 67-76
Rockmore .....	62-73
Secoroc .....	64, 67-69, 71, 73, 75-76
Techmo .....	74

## Bit index / Bohrkronenübersicht

### Tableau comparatif des taillants / Indice de las brocas

Hammers of different brands can be operated with identical bits i.e. with the same shank design.

Imlochhämmer verschiedener Marken können mit ein- und derselben Bohrkronen bestückt werden.

Les marteaux fond de trou à marques différentes peuvent être équipés d'un même taillant.

Los martillos de fondo de marcas diferentes pueden ser equipados con las mismas brocas.

DTH Hammer Imlochhammer Marteau fond de trou Martillo para agujeros profundos	Illustration Bild Illustration Ilustración	Page Seite Page Página	DTH Hammer Imlochhammer Marteau fond de trou Martillo para agujeros profundos	Illustration Bild Illustration Ilustración	Page Seite Page Página
<b>BOART</b>			<b>HALCO</b>		
BH 40	13.02	74	DART 350 / DOMINATOR 350 / 375 (DHD 3.5 SHANK)	4.01	65
DH 75	1.01	62	DOMINATOR 375 (MD 35 SHANK)	5.01	66
<b>BÖHLER</b>			DART 400 / S. DOMINATOR 400 / 450 (DHD 340A SHANK)	6.01	67-68
LH 78 ZD / LH 79 ZD	1.01	62	DOMINATOR 400 (A34-15 SHANK)	13.02	74
<b>BULROC</b>			DOMINATOR 500 (A 43-15 SHANK)	14.01	75
BR2	2.01	63	SUPER DOMINATOR 500 / 550 HD (DHD 350 SHANK)	8.01	69
BR3	1.01	62	SUPER DOMINATOR 500 HD QL 50	9.01	70
BR33 (7 spline)	2.02	63	DOMINATOR 600 (DHD 360 SHANK)	10.01	71
HYPER 31	4.01	65	DOMINATOR 600	14.02	75
HYPER 41 (DHD SHANK), 415	6.01	67-68	SUPER DOMINATOR 650 (SD 6 SHANK)	11.01	72
HYPER 51 / 55 DH (DHD SHANK)	8.01	69	SUPER DOMINATOR 650 HD QL 60	15.01	76
HYPER 55 DH	9.01	70	DOMINATOR 750 / 800 / 850 (SD 8 SHANK)	12.02	73
HYPER 61 / 63 / 63 HD / 66 DH (DHD 360 SHANK)	10.01	71	DOMINATOR 850 QL 80	12.02	73
HYPER 66 DH (QL 60 SHANK)	11.01	72	MACH 20	2.01	63
HYPER 81 (DHD 380 SHANK)	12.01	73	MACH 80 / 88 (DHD 380 SHANK)	12.01	73
HYPER 81 QL 8	12.02	73	DOMINATOR 800 / 880 / 800 DW (DHD 380 SHANK)	12.01	73
BR4 V/L	13.02	74			
BR5 V/L	14.01	75			
BR6	14.02	75			
<b>COMPAIRE HOLMAN</b>			<b>INGERSOLL-RAND</b>		
VOL 400	6.01	67-68	DHD 3.5	4.01	65
VOL 500	8.01	69	DHD 3.5 HD	5.01	66
VOL 600	10.01	71	DHD 340A	6.01	67-68
<b>EPIROC</b>			QL4 / QL40	7.01	68
COP 20	2.01	63	DHD 350R	8.01	69
COP 32	3.01	64	QL5 / QL50	9.01	70
COP 35 / TD 35.2 / QLX 35 TERRANOX 3	4.01	65	DHD 360 / DH6 / SF6 / SF6.5	10.01	71
TD 40 / QLX 40 / COP 44 GOLD	3.02	64	QL6 / QL60	11.01	72
COP 44 / DHD 4 / QL 340 TERRANOX 4	6.01	67-68	DHD 380	12.01	73
COP 54 / DHD 5 / TERRANOX 5	8.01	69	QL8 / QL80	12.02	73
COP QL 50 / TD 50 / 54 Gold	9.01	70			
COP 54M	14.01	75			
COP 64 / DHD 6 TERRANOX 6	10.01	71			
COP QL 60 / TD 60 TD 65 / TD 70 / 64 Gold	11.01	72			
COP 64M	14.02	75			
COP 84 / DHD 8 TERRANOX 8	12.01	73			
COP QL 80 / TD 80 / TD 85	12.02	73			
COP 84 L	15.01	76			

## Bit index / Bohrkronenübersicht

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Imlochhämmer verschiedener Marken könne mit ein- und derselben Bohrkrone bestückt werden.

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DTH Hammer Imlochhammer Marteau fond de trou Martillo para agujeros profundos	Illustration Bild Illustration Ilustración	Page Seite Page Página	DTH Hammer Imlochhammer Marteau fond de trou Martillo para agujeros profundos	Illustration Bild Illustration Ilustración	Page Seite Page Página
<b>KARBO</b>			<b>PUMA</b>		
35A	4.01	65	3.1 (DHD 3.5 SHANK)	4.01	65
K40	6.01	67-68	4.4 (DHD 340 SHANK)	6.01	67-68
K50	9.01	70	4.4 (SD 4 SHANK)	13.02	74
<b>MINCON</b>			5.2 (DHD 350 SHANK)	8.01	69
3 / 3.5	4.01	65	5.2 (QL 5 SHANK)	9.01	70
MD 35	5.01	66	5.2 SD 5	14.01	75
4 HR	6.01	67-68	6.2 / 6.3 (DHD 360 SHANK)	10.01	71
5 DH / 5 BH (DHD 350 SHANK)	8.01	69	6.2 (QL 60 SHANK)	11.01	72
MP 50 / 5 DH-QL	9.01	70	6.2 / 6.3 (SD 6 SHANK)	14.02	75
6 DH 360	10.01	71	7.1 (SD 8 SHANK)	15.01	76
6 DH / 6 DH-LV / XP 60 / 6 BH	11.01	72	8.1 (DHD 380 SHANK)	12.01	73
8 DH / XP 90-380	12.01	73	8.1 (QL 80 SHANK)	12.02	73
8.1 (QL 80 SHANK)	12.02	73			
4 HRSD 4	13.02	74	<b>ROCKMORE</b>		
MP 55 SD 5	14.01	75	ROK 2LT	2.01	63
6 DHSD 6	14.02	75	ROK 3L	1.01	62
8 DHSD 8	15.01	76	ROK 3LT	2.02	63
			ROK 250	16.01	77
<b>MISSION</b>			ROK 300 / ROK 350	4.01	65
A 30-15	13.01	74	ROK 350HD	5.01	66
A 34-15 / SD 4	13.02	74	ROK 400	6.01	67-68
A 43-15 / SD 5	14.01	75	ROK 400TD	3.02	64
A 53-15 / SD 6	14.02	75	ROK 55A - 350R	8.01	69
A 63-15 / SD 8	15.01	76	ROK 550A	9.01	70
XL3	4.01	65	ROK 60-360 / ROK 65-360	10.01	71
<b>NUMA</b>			ROK 600A / ROK 650A / ROK 650M	11.01	72
35 / PATRIOT 35 A	4.01	65	ROK 87A	12.01	73
CHALLENGER 4	6.01	67-68	ROK 800A / ROK 875A	12.02	73
CHAMPION 40 / PATRIOT 40			<b>SECOROC</b>		
CHALLENGER 55	8.01	69	3"	3.01	64
PATRIOT 50 / DCS 5	9.01	70	4" / 4" Q	6.01	67-68
CHALLENGER 6 / PATRIOT 60 W	10.01	71	5" / 5" Q	8.01	69
PATRIOT 60 WQ	11.01	72	6" / 6" Q / 6" QHD	10.01	71
CHALLENGER 80 / PATRIOT 80	12.01	73	8"	12.01	73
			6" M	14.02	75
			8" L	15.01	76
			<b>TECHMO</b>		
			TM3 XL	13.01	74

# CARBIDE PROFILE DESIGN



## CARBIDE SELECTION / HARTMETALLEINSÄTZE

### Carbide Designs / Hartmetalldesign

Perhaps the most fundamental decision when selecting different carbide configurations is profile shape. Button bits most commonly have either a hemispherical or semi-ballistic carbide design; however it is not uncommon to use other carbide designs as well.

### Carbide Configurations / Hartmetallkonfiguration

Most face designs for button bits are offered in multiple carbide configurations and typically differ in diameter, shape (i.e. profile) and quantity. There are some general guidelines to follow while selecting between multiple carbide configurations include.

Eine der grundlegendsten Entscheidungen bei der Auswahl der Hartmetalleinsätze ist die Stiftform. Tieflochstiftbohrkronen haben meist Kugel- oder Ballistische Stifte. Für viele Anwendungen eignen sich jedoch auch andere Stiftformen.

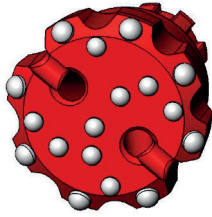
Die meisten Tieflochstiftbohrkronen werden mit unterschiedlichen Hartmetallstiftformen angeboten. Sie unterscheiden sich im Durchmesser, im Design und in der Anzahl. Es sollten bei der Auswahl der Stifte einige Richtlinien befolgt werden.

<p><b>FASTER</b> SCHNELLER</p>		<p><b>PENETRATION RATE</b> VORSCHUBRATE</p>		<p><b>SLOWER</b> LANGSAMER</p>	
<p>Shorter lifetime and susceptible to breaks Kürzere Lebensdauer und anfällig für Brüche</p>		<p>Tungsten carbide lifetime. Hartmetallstift Lebensdauer</p>		<p>Longer lifetime and less susceptible to breaks Längere Lebensdauer und weniger anfällig für Brüche</p>	
<p>CONICAL</p>	<p>FULL BALLISTIC</p>	<p>SEMI BALLISTIC</p>	<p>CROWN POINT</p>	<p>HEMISPHERICAL</p>	
<p><b>SOFTER</b> WEICHER</p>		<p><b>ROCK HARDNESS</b> GESTEINSFESTIGKEIT</p>		<p><b>HARDER</b> HÄRTER</p>	
<p>MORE, SMALLER DIAMETER CARBIDE RESULTS IN FASTER PENETRATION RATES, BUT SHORTER CARBIDE AND BIT LIFE. MEHR STIFTE UND EIN KLEINERER STIFTDURCHMESSER ERGEBEN EINE SCHNELLERE VORSCHUBRATE / VERKÜRZEN ABER DIE LEBENSDAUER DER HARTMETALLEINSÄTZE UND DER BOHRKRONE</p>		<p>PENETRATION RATE VS. CARBIDE/BIT LIFE VORSCHUBRATE IM VERGLEICH ZU HARTMETALL &amp; BOHRKRONEN-LEBENSDAUER</p>		<p>FEWER, LARGER DIAMETER CARBIDE RESULTS IN SLOWER PENETRATION RATES, BUT LONGER CARBIDE AND BIT LIFE. WENIGER STIFTE UND EIN GRÖßERER STIFTDURCHMESSER ERGEBEN EINE LANGSAMERE VORSCHUB-RATE / VERLÄNGERN ABER DIE LEBENSDAUER DER HARTMETALLEINSÄTZE UND DER BOHRKRONE</p>	
<p><b>LESS</b> WENIGER</p>		<p><b>VIBRATION</b> VIBRATION</p>		<p><b>MORE</b> MEHR</p>	

BIT AND ROD VIBRATION INCREASES WHEN FEWER AND LARGER CARBIDE BUTTONS ARE SELECTED.  
DIE VIBRATION DER BOHRKRONE UND BOHRSTANGE ERHÖHT SICH BEI WENIGER STIFTEN UND GRÖßEREM STIFTDURCHMESSER.



# HEAD PROFILE DESIGN



### FLAT FACE

#### Applications / Anwendungen

Hard and abrasive formations, all round.  
Hartes und abrasives Gestein, universell einsetzbar.

#### Typical formations / Typische Gesteinsformationen

Granite, hard limestone, basalt  
Granit, Harter Kalkstein, Basalt



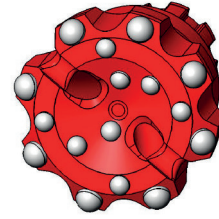
### CONVEX

#### Applications / Anwendungen

Soft to medium hard rock, high penetration rate.  
Weiches bis Mittelhartes Gestein, schneller Bohrfortschritt.

#### Typical formations / Typische Gesteinsformationen

Limestone, hard limestone, shale, granite, basalt  
Kalkstein, Harter Kalkstein, Schiefer, Granit, Basalt



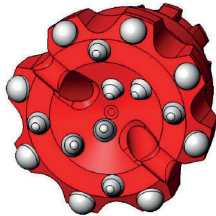
### CONCAVE

#### Applications / Anwendungen

Medium hard to hard formations, less abrasive, fractured formations, excellent control over hole deviation.  
Mittelhartes bis hartes Gestein, leicht abrasive, klüftige Gesteinsformationen, geringe Bohrabweichungen.

#### Typical formations / Typische Gesteinsformationen

Granite, basalt  
Granit, Basalt



### CONCAVE KUPA

#### Applications / Anwendungen

Special design with ballistic front buttons, medium hard to hard formations, fractured formations.  
Spezielles Design mit ballistischen Stiften an der Stirnseite, Mittelhartes bis Hartes Gestein, klüftige Gesteinsformationen.

#### Typical formations / Typische Gesteinsformationen

Granite, basalt  
Granit, Basalt



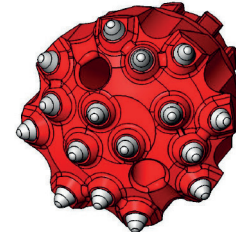
### SPHERICAL / KUGEL

#### Applications / Anwendungen

Special design with spike buttons, appropriate for low pressure hammers in soft rock formations.  
Spezielles Design mit Kegelstiften, geeignet für Niederdruck Hämmer in weichen Gesteinsformationen.

#### Typical formations / Typische Gesteinsformationen

Limestone  
Kalkstein



### HEDGEHOG / IGEL

#### Applications / Anwendungen

Special design with better drill chip output at the bit front and with retrac's on the bit shoulder for easily lifting.  
Spezielles Design mit besseren Bohrkleinausbringung an der Kronenfront und mit Rückschneiden an den Stifschultern um beim Ziehen leichter die Kronen freizuschneiden.

#### Typical formations / Typische Gesteinsformationen

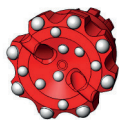
Limestone, hard limestone  
Kalkstein, harter Kalkstein

LESS  
WENIGER

ABRASIVE ROCK  
ABRASIVES GESTEIN

MORE  
MEHR

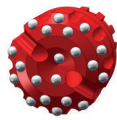
#### Concave Face



Concave Face designed for unconsolidated or broken rock. These face features will help drill straighter holes in medium to hard formations.

Concave - Kronen verwendet man für nicht verfestigtes und brüchiges Gestein. Diese Kopfform unterstützt geradlinigeres Bohren in mittlerem und hartem Gestein.

#### Concave-Convex



Convex/Concave Face bits are a hybrid design for fast penetration and straighter holes in unconsolidated rock with low silica content. Typical applications are medium to hard formations.

Convex/Concave - Kronen bestehen aus einem gemischten Kopfdesign für eine schnellere Vorschubrate und für geradlinigeres Bohren in nicht verfestigen Gestein mit wenig Quarzanteil. Typische Anwendung in mittlerem und hartem Gestein.

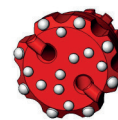
#### Convex Face



Convex Face bits are designed for fast penetration rates in softer rock like shale and limestone with low silica content.

Convex - Kronen sind speziell für hohe Vorschubraten in weichem Gestein wie z.B. Schiefer oder Kalkstein mit niedrigem Quarzanteil.

#### Flat Face



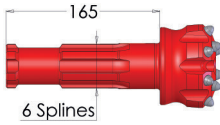
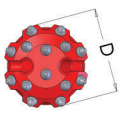
Flat Face bits are a general purpose bit that will work in all rock conditions but should be used especially for hard or abrasive conditions like granite, basalt, and hard limestone. Flat face bits are the best choice for drilling in a high silica environment.

Flat Face - Kronen sind universell einsetzbar. Diese Kopfform kann in sämtlichen Gesteinsarten und diversen Anwendungen eingesetzt werden. Grundsätzlich sollten sie jedoch vorwiegend in Hartgestein oder abrasiven Gesteinen eingesetzt werden wie z.B. Granit, Basalt oder hartem Kalkstein. Flat Face - Kronen eignen sich auch für sehr quarzhaltige Umgebungen.

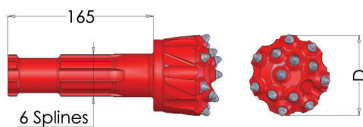
Button bits are 1-2 mm bigger in diameter than the measurements in the catalogue.  
Stiftbohrkronen sind 1-2 mm größer als das Nennmaß im Katalog.  
Les dimensions des taillants à métal dur sont de 1 à 2 mm plus grandes que celles indiquées dans le catalogue.  
Las medidas de las broca con botones son 1-2 mm más grandes que las medidas del catálogo.

## BÖHLER LH 78 ZD ROCKMORE ROK 3L

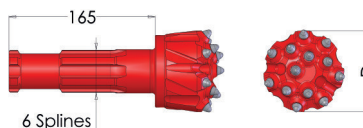
BOART DH 75, BULROC BR3

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior		Front/Stirnseite front/frontal		[mm]			[in]
			[No.]	[mm]	[No.]	[mm]				
CONVEX 	1.01 	BAL	8	11	6	11	85	3 3/8"	3.55	41245
		HEM	8	12	6	12	90	3 1/2"	3.50	41216
		BAL	8	11	8	11	90	3 1/2"	4.01	41215
		BAL HD	8	12	6	12	90	3 1/2"	3.80	41238
		CON	8	12	6	12	90	3 1/2"	3.70	41233
		HEM	8	12	6	12	95	3 3/4"	3.80	41237
		BAL	8	12	6	12	95	3 3/4"	3.90	41234
		HEM	8	12	8	12	105	4 1/8"	4.65	41239
		BAL	8	12	8	12	105	4 1/8"	4.65	41232
		BAL	8	12	8	12	110 *	4 5/16"	4.95	41268
		BAL	8	12	9	12	115 *	4 1/2"	5.30	41235
		BAL	8	12	9	12	120 *	4 23/32"	5.40	41282
		1) BAL	9	12	11	12	125 *	4 15/16"	5.50	41293

HEDGEHOG	BAL	7	11	6	11	90	3 1/2"	3.55	45502
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HEDGEHOG	BAL	7	11	6	11	90	3 1/2"	4.26	45413
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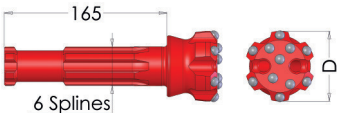
HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
 BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
 CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud  
 KEG = Spike carbide / Kegelstift / Boutons cône / Botones cono  
 MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

1) = 3 Front flushing holes / 3 Front Spüllöcher

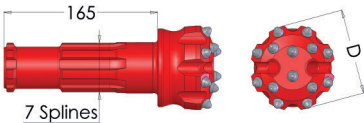
\* = No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

## BULROC BR2 ROCKMORE ROK 2LT

EPIROC COP 20, HALCO MACH 20

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior		Front/Stirnseite front/frontal		[mm]			[in]
			[No.]	[mm]	[No.]	[mm]				
FLAT FACE 	2.01	HEM	6	10	5	10	70	2 3/4"	2.30	45135
		BAL	6	10	5	10	70	2 3/4"	2.30	45180
		HEM	6	11	5	11	76	3"	2.60	45087
		HEM/BAL	6	11	5	11	76	3"	2.60	45088
		BAL	6	11	5	11	76	3"	2.60	45089

## BULROC BR33 (7 splines) ROCKMORE ROK 3LT

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior		Front/Stirnseite front/frontal		[mm]			[in]
			[No.]	[mm]	[No.]	[mm]				
CONVEX 	2.02	HEM	8	12	6	12	90	3 1/2"	3.50	45463
		BAL	8	12	6	12	90	3 1/2"	4.12	45162
		CON	8	11	6	11	90	3 1/2"	4.00	45164
		HEM	8	12	6	12	95	3 3/4"	3.80	45459
		BAL	8	12	6	12	95	3 3/4"	3.80	45460
		HEM	8	12	8	12	105	4 1/8"	4.65	45461
BAL	8	12	8	12	105	4 1/8"	4.65	45462		

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

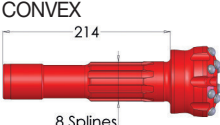
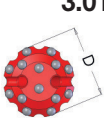
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

CON = Conical carbide on request / DeltaStift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

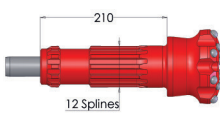
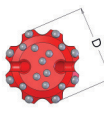
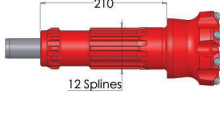
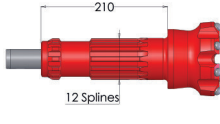
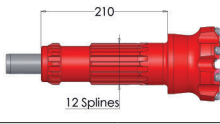
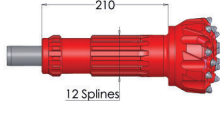
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

## EPIROC COP 32

SECOROC 3°

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior		Front/Stirnseite front/frontal		[mm]			[in]
			[No.]	[mm]	[No.]	[mm]				
CONVEX  214 8 Splines	3.01 	BAL	8	11	6	11	85	3 3/8"	3.70	45133
		HEM	8	12	6	12	90	3 1/2"	4.20	45079
		BAL	8	12	6	12	90	3 1/2"	4.60	41248

## EPIROC TD 40 / QLX 40 / COP 44 GOLD ROCKMORE ROK 400TD

CONVEX  210 12 Splines	3.02 	BAL	8	14	7	13	110	4 5/16"	8.00	45585
		BAL	8	13	8	13	115	4 1/2"	9.30	45586
		BAL HD	8	14	7	13	115	4 1/2"	9.30	45593
		BAL	8	14	8	13	120	4 23/32"	9.50	45587
		BAL	8	14	9	13	125	4 15/16"	9.80	45588
		BAL	8	14	10	13	130 *	5 1/8"	10.20	45589
FLAT FACE  210 12 Splines		HEM	8	14	7	12	110	4 5/16"	9.10	45595
		HEM	8	14	8	12	115	4 1/2"	9.30	45574
		HEM HD	8	16	6	14	115	4 1/2"	9.30	45598
		HEM	8	14	8	12	120	4 23/32"	9.50	45596
		HEM	8	14	10	12	125	4 15/16"	9.80	45556
		HEM	8	14	8	14	130 *	5 1/8"	10.20	45597
		HEM	8	16	10	14	140 *	5 1/2"	10.90	45537
CONCAVE  210 12 Splines		HEM	8	14	8	12	115	4 1/2"	9.10	45600
		HEM	8	16	8	12	125	4 15/16"	9.80	45601
		HEM	8	16	8	12	130 *	5 1/8"	10.20	45602
CONCAVE / KUPA  210 12 Splines		HEM/BAL	8	14	8	12	115	4 1/2"	9.10	45604
		HEM/BAL	8	16	8	12	125	4 15/16"	9.80	45605
		HEM/BAL	8	16	8	12	130 *	5 1/8"	10.20	45606
HEDGEHOG  210 12 Splines		BAL	8	13	8	12	115	4 1/2"	9.10	45608

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45093

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

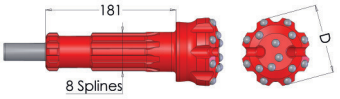
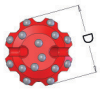
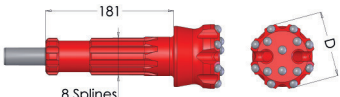
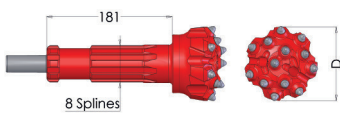
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla



## INGERSOLL-RAND DHD 3.5 ROCKMORE ROK 300 / ROK 350

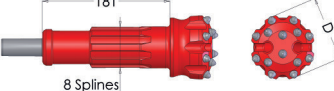

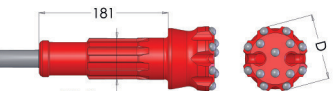
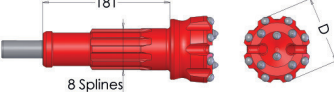
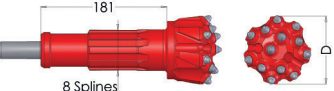
EPIROC COP 35 / TD 35.2 / QLX 35 / TERRANOX 3, **BULROC** HYPER 31 ( DHD 3.5 shank ), **HALCO** DART 350 / DOMINATOR 350 & 375 ( DHD 3.5 shank ),  
**KARBO** 35A, **MINCON** 3 & 3.5, **MISSION** XL3, **NUMA** 35 / PATRIOT 35 A, **PUMA** 3.1 ( DHD 3.5 shank )

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.] [mm]	Front/Stirnseite front/frontal [No.] [mm]		[mm]	[in]			
<b>CONVEX</b> 	<b>4.01</b> 	CON	8	11	6	11	85	3 3/8"	4.20	45134
		HEM	8	12	6	12	92	3 5/8"	4.60	45070
		HEM/BAL	8	12	6	12	92	3 5/8"	4.60	45398
		BAL	8	11	8	11	92	3 5/8"	4.65	45278
		BAL HD	8	12	6	12	92	3 5/8"	4.60	45137
		CON	8	12	6	12	92	3 5/8"	4.60	45497
		HEM	8	12	6	12	95	3 3/4"	4.70	45291
		HEM/BAL	8	12	6	12	95	3 3/4"	4.70	45496
		BAL	8	12	6	12	95	3 3/4"	4.70	45290
		CON	8	12	6	12	95	3 3/4"	4.70	45412
		HEM	8	12	7	12	100	3 15/16"	4.94	45263
		BAL	8	12	7	12	100	3 15/16"	4.95	45169
		HEM	8	12	8	12	105	4 1/8"	5.40	45293
		BAL	8	12	8	12	105	4 1/8"	5.40	45292
<b>FLAT FACE</b> 		HEM	8	14	7	12	105	4 1/8"	5.40	45196
<b>HEDGEHOG</b> 		BAL	7	11	6	11	92	3 5/8"	4.72	45493
		BAL	7	12	6	12	95	3 3/4"	4.90	45494
		BAL	7	12	6	12	100	3 5/16"	5.16	45524
		BAL	7	12	6	12	105	4 1/8"	5.30	45528
Blow tube / Fußventil Soupape inférieure / Válvula de pie									45099	

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
 BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
 CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud  
 MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

## INGERSOLL-RAND DHD 3.5 HD ROCKMORE ROK 350 HD

HALCO DOMINATOR 375 (MD 35 shank), MINCON MD 35

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior		Front/Stirnseite front/frontal		[mm]			[in]
			[No.]	[mm]	[No.]	[mm]				
CONVEX 	5.01 	HEM	8	12	6	12	95	3 3/4"	5.05	45331
		HEM/BAL	8	12	6	12	95	3 3/4"	5.10	45468
		BAL	8	12	6	12	95	3 3/4"	5.05	45330
		CON	8	12	6	12	95	3 3/4"	4.90	45498
		HEM	8	12	7	12	100	3 15/16"	5.32	45333
		HEM/BAL	8	12	7	12	100	3 15/16"	5.32	45538
		BAL	8	12	7	12	100	3 15/16"	5.35	45332
		CON	8	12	7	12	100	3 15/16"	5.15	45523
		HEM/BAL	8	12	8	12	105	4 1/8"	5.40	45336
		BAL	8	12	8	12	105	4 1/8"	5.40	45334
		BAL HD	7	14	6	14	105	4 1/8"	5.40	45469
		CON	8	12	8	12	105	4 1/8"	5.40	45642
FLAT FACE 		HEM	8	14	7	12	105	4 1/8"	5.40	45335
CONCAVE / KUPA 		HEM/BAL	8	12	6	12	95	3 3/4"	5.00	45519
HEDGEHOG 		BAL	7	12	6	12	95	3 3/4"	5.34	45495
		BAL	7	12	6	12	100	3 15/16"	5.30	45650
		BAL	7	12	7	12	105	4 1/8"	5.40	45633

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

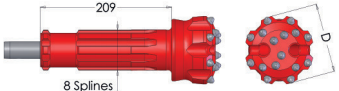
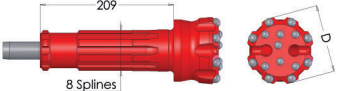
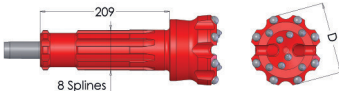
45099

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud  
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

# INGERSOLL-RAND DHD 340A

## ROCKMORE ROK 400

EPIROC COP 44 / DHD 4 / QL340 / TERRANOX 4, **BULROC** HYPER 41 (DHD 340A shank), HYPER 415, **COMPAIR HOLMAN** VOL 400, **HALCO** DART 400 / SUPER DOMINATOR 400, 450 (DHD 340A shank), **KARBO** K40, **MINCON** 4 HR, **NUMA** CHALLENGER 4 / CHAMPION 40 / PATRIOT 40, **PUMA** 4.4 (DHD340 shank), **SECOROC** 4\* / 4\* Q

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°			
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]		[mm]	[in]					
<b>CONVEX</b> 	<b>6.01</b>	HEM	8	14	8	12	105	4 1/8"	7.60	41276		
		BAL	8	12	8	12	105	4 1/8"	7.50	45167		
		HEM	8	14	8	12	110	4 5/16"	7.80	41287		
		BAL	8	12	8	12	110	4 5/16"	7.80	41294		
		BAL HD	8	13	8	13	110	4 5/16"	7.55	45443		
		HEM	8	14	8	12	115	4 1/2"	8.10	41278		
		HEM/BAL	8	14	8	12	115	4 1/2"	8.10	45636		
		BAL	8	12	9	12	115	4 1/2"	8.10	45075		
		BAL	8	13	8	13	115	4 1/2"	8.10	45067		
		BAL HD	7	14	7	14	115	4 1/2"	8.62	45431		
		CON	8	12	9	12	115	4 1/2"	8.62	45575		
		BAL	8	14	8	12	120	4 23/32"	8.50	45550		
		1) BAL	9	12	12	12	127 *	5"	8.75	45074		
		HEM	8	14	9	14	130 *	5 1/8"	9.30	45149		
		1) HEM/BAL	9	12	12	12	130 *	5 1/8"	9.30	45641		
		1) BAL	9	12	12	12	130 *	5 1/8"	9.25	45150		
		HEM HD	8	16	9	14	140 *	5 1/2"	11.10	45151		
		1) BAL	9	14	12	12	140 *	5 1/2"	10.20	45152		
		BAL HD	8	16	9	14	145 *	5 3/4"	11.60	45328		
		<b>FLAT FACE</b> 		HEM	8	14	7	12	105	4 1/8"	7.70	45032
HEM	8			14	8	12	110	4 5/16"	8.70	45069		
HEM	8			14	8	12	115	4 1/2"	8.90	45066		
HEM HD	8			16	6	14	115	4 1/2"	8.50	45411		
HEM/BAL	8			14	8	12	115	4 1/2"	8.50	45517		
HEM	8			14	8	12	120	4 23/32"	9.00	45341		
HEM	8			14	9	12	127 *	5"	9.15	45165		
HEM	8			14	9	12	130 *	5 1/8"	9.20	45195		
HEM HD	8			16	9	14	140 *	5 1/2"	11.10	45033		
HEM HD	8			16	9	14	145 *	5 3/4"	11.50	45307		
HEM	8			16	9	14	150 *	5 7/8"	12.00	45260		
<b>CONCAVE</b> 				HEM	8	14	8	12	105	4 1/8"	7.60	45034
				HEM	8	14	8	12	110	4 5/16"	8.60	45035
		HEM	8	14	8	12	115	4 1/2"	8.80	45212		
		HEM	8	14	8	12	120	4 23/32"	9.00	45192		
		HEM	8	16	8	12	127 *	5"	9.05	45213		
		HEM	8	16	8	12	130 *	5 1/8"	9.10	45193		
		HEM	8	16	8	14	140 *	5 1/2"	11.00	45214		

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45094

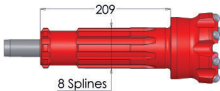

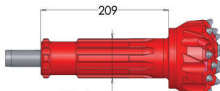

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud  
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

1) = 3 Front flushing holes / 3 Front Spüllöcher

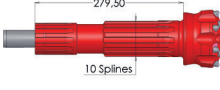

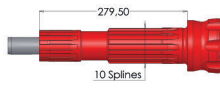

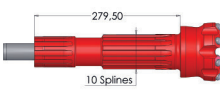

\* = No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

## INGERSOLL-RAND DHD 340A ROCKMORE ROK 400

EPIROC COP 44 / DHD 4 / QL340 / TERRANOX 4, BULROC HYPER 41 (DHD 340A shank), HYPER 415, COMPAIR HOLMAN VOL 400, HALCO DART 400 / SUPER DOMINATOR 400, 450 (DHD 340A shank), KARBO K40, MINCON 4 HR, NUMA CHALLENGER 4 / CHAMPION 40 / PATRIOT 40, PUMA 4.4 (DHD340 shank), SECOROC 4" / 4" Q

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]		[mm]	[in]			
CONCAVE / KUPA 	6.01 	HEM/BAL	8	14	8	12	110	4 5/16"	8.00	45516
		HEM/BAL	8	14	8	12	115	4 1/2"	8.80	45425
		HEM/BAL	8	14	8	12	120	4 23/32"	8.80	45508
		HEM/BAL	8	16	8	12	127 *	5"	9.05	45424
		HEM/BAL	8	16	8	12	130 *	5 1/8"	9.10	45437
HEDGEHOG 	6.01 	BAL	8	13	8	12	110	4 5/16"	7.90	45539
		BAL	8	13	8	12	115	4 1/2"	7.99	45499
		BAL	8	13	8	12	120	4 23/32"	8.50	45567
		BAL	9	12	10	12	127 *	5"	9.00	45531
Blow tube / Fußventil Soupape inférieure / Válvula de pie										
									45094	

## INGERSOLL-RAND QL4 / QL40

CONVEX 	7.01 	HEM	8	14	8	12	105	4 1/8"	8.90	45120
		BAL	8	13	8	13	110	4 5/16"	9.00	45051
		BAL	8	13	8	13	115	4 1/2"	9.30	45054
		1) BAL	9	12	11	12	127 *	5"	9.50	45057
FLAT FACE 	7.01 	HEM	8	14	8	12	105	4 1/8"	9.20	45227
		HEM	8	14	8	12	110	4 5/16"	9.40	45055
		HEM	8	14	8	12	115	4 1/2"	9.90	45136
		HEM	8	14	8	12	127 *	5"	10.10	45229
		HEM	8	16	8	14	140 *	5 1/2"	12.00	45058
CONCAVE 	7.01 	HEM	8	14	8	12	105	4 1/8"	9.10	45230
		HEM	8	14	8	12	110	4 5/16"	9.30	45231
		HEM	8	14	8	12	115	4 1/2"	9.80	45232
		HEM	8	16	8	12	127 *	5"	10.20	45233
		HEM	8	16	8	14	140 *	5 1/2"	11.80	45234

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45093

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
CON = Conical carbide on request / DeltaStift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud  
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

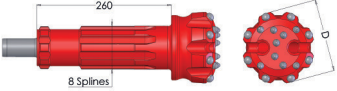
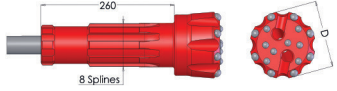
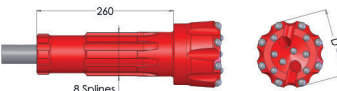
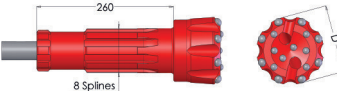
1) = 3 Front flushing holes / 3 Front Spüllöcher

\* = No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

# INGERSOLL-RAND DHD 350R

## ROCKMORE ROK 55A-350R

PIROCC COP 54 / DHD 5 / TERRANOX 5, BULROC HYPER 51 / 55DH ( DHD 350 shank), COMPAIR HOLMAN VOL 500, HALCO SUPER DOMINATOR 500 / 550 HD ( DHD 350 shank )  
MINCON 5 DH / 5 BH ( DHD 350 shank ), NUMA CHALLENGER 55, PUMA 5.2 ( DHD350 shank ), SECOROC 5" / 5" Q

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]	[mm]	[in]				
CONVEX 	8.01	BAL	8	16	8	16	140	5 1/2"	15.90	45403
		BAL	8	16	9	14	146	5 3/4"	16.60	45394
FLAT FACE 		HEM	8	16	8	12	127	5"	14.50	45215
		HEM	8	16	8	14	130	5 1/8"	14.60	45166
		HEM	8	16	7	14	135	5 5/16"	15.70	45549
		HEM	8	16	8	14	140	5 1/2"	15.90	45086
		HEM	8	16	8	16	146	5 3/4"	16.60	45216
		HEM	8	16	8	16	149	5 7/8"	17.20	45184
		HEM	8	16	8	16	152 *	6"	18.00	45344
CONCAVE 		HEM	8	16	8	12	127	5"	14.50	45217
		HEM	8	16	8	12	130	5 1/8"	14.60	45218
		HEM	8	16	8	14	140	5 1/2"	15.90	45219
		HEM	8	16	8	16	146	5 3/4"	17.10	45220
		HEM	8	16	9	14	149	5 7/8"	17.50	45345
		BAL	8	16	9	14	150	5 7/8"	16.10	45442
		HEM	8	16	9	14	152 *	6"	18.00	45346
		HEM	8	16	9	16	165 *	6 1/2"	18.80	45529
		HEM	10	16	12	16	180 *	7"	25.00	45410
CONCAVE / KUPA 		HEM/BAL	8	16	8	12	130	5 1/8"	14.60	45467
		HEM/BAL	8	16	7	14	135	5 5/16"	15.70	45548
Blow tube / Fußventil Soupape inférieure / Válvula de pie									45101	

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

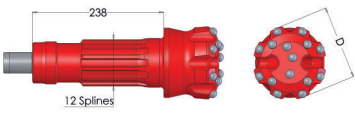
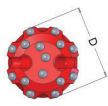
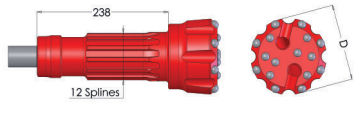
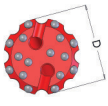
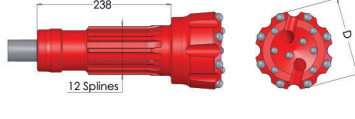
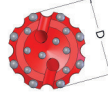
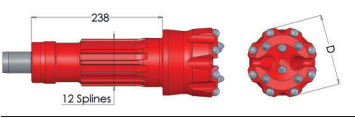
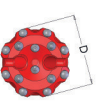
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla



## INGERSOLL-RAND QL5 / QL50 ROCKMORE ROK 550A

EPIROC QL 50 / TD 50 / COP 54 GOLD, BULROC HYPER 55 DH, HALCO SUPER DOMINATOR 550 HD QL50,  
KARBO K50, MINCON MP50 / 5 DH-QL, NUMA PATRIOT 50 / DCS 5, PUMA 5.2 (QL 5 shank)

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]	[mm]	[in]				
<b>CONVEX</b> 	<b>9.01</b> 	HEM/BAL	8	16	6	16	130	5 1/8"	15.74	45486
		BAL	8	16	6	16	130	5 1/8"	15.80	45506
		HEM	8	16	7	16	135	5 5/16"	16.24	45504
		HEM/BAL	8	16	7	16	135	5 5/16"	16.24	45488
		BAL	8	16	7	16	135	5 5/16"	15.80	45507
		BAL	8	16	7	16	140	5 1/2"	16.72	45522
<b>FLAT FACE</b> 		HEM	8	16	8	12	127	5"	13.56	45310
		HEM	8	16	8	12	130	5 1/8"	14.55	45312
		HEM	8	16	8	14	140	5 1/2"	14.77	45314
		HEM	8	16	8	16	146	5 3/4"	15.50	45316
		HEM	8	16	8	16	152 *	6"	16.10	45378
		HEM	8	16	8	12	127	5"	13.56	45311
<b>CONCAVE</b> 		HEM	8	16	8	12	130	5 1/8"	14.55	45313
		BAL	8	16	6	16	130	5 1/8"	14.55	45505
		HEM	8	16	8	14	140	5 1/2"	14.77	45315
		HEM	8	16	8	16	146	5 3/4"	15.50	45317
		HEM	8	16	9	16	152 *	6"	16.10	45379
		HEM	8	16	9	16	165 *	6 1/2"	18.80	45530
<b>CONCAVE / KUPA</b> 		HEM/BAL	8	16	6	16	130	5 1/8"	14.55	45487
		HEM/BAL	8	16	6	16	135	5 5/16"	15.00	45489
		HEM/BAL	8	16	8	16	146	5 3/4"	17.00	45490
Blow tube / Fußventil Soupape inférieure / Válvula de pie									45116	

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

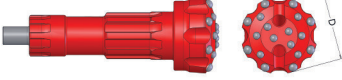
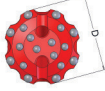
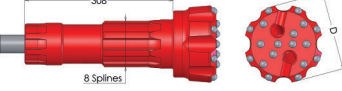
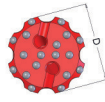
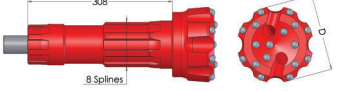
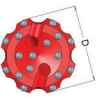
CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

# INGERSOLL-RAND DHD 360 DH6 / SF6 / SF6.5 ROCKMORE ROK 60-360 / ROK 65-360

EPIROC COP 64 / DHD 6 / TERRANOX 6, **BULROC** HYPER 61 / 63 / 63 HD / 66 D ( DHD 360 shank ), **COMPAIR HOLMAN** VOL 600, **HALCO** DOMINATOR 600 ( DHD 360 shank ) / SUPER DOMINATOR 600 / 650 ( DHD 360 shank ), **MINCON** 6 DH 360, **NUMA** CHALLENGER 6 / PATRIOT 60W, **PUMA** 6.2 / 6.3 ( DHD 360 shank ), **SECOROC** 6" / 6" Q / 6" QHD

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]		Front/Stirnseite front/frontal [No.]   [mm]		[mm]			[in]
CONVEX 	10.01 	HEM	8	19	10	16	165	6 1/2"	25.00	45471
		HEM	8	19	10	16	172	6 3/4"	25.60	45472
FLAT FACE 		HEM	8	16	8	16	152	6"	23.90	41297
		HEM	8	16	8	16	156	6 1/8"	24.30	41206
		HEM	8	16	8	16	159	6 1/4"	24.70	41208
		HEM	8	16	10	16	165	6 1/2"	25.20	41209
		HEM HD	10	16	10	16	165	6 1/2"	25.40	41296
		HEM HD	10	16	10	16	172	6 3/4"	25.90	41213
		HEM HD	10	16	10	16	180 *	7"	25.00	45277
		HEM HD	10	19	14	16	190 *	7 1/2"	29.80	45348
		HEM HD	10	19	14	16	200 *	7 7/8"	30.00	45350
		HEM HD	10	19	14	16	203 *	8"	30.10	41214
CONCAVE 		HEM	8	16	9	16	152	6"	23.60	41290
		HEM	8	16	9	16	156	6 1/8"	24.00	41210
		HEM	8	16	9	16	159	6 1/4"	24.40	41286
		HEM	8	16	9	16	165	6 1/2"	24.80	41291
		HEM HD	10	16	10	16	165	6 1/2"	25.00	41257
		HEM	8	19	9	16	172	6 3/4"	25.60	45436
		HEM HD	10	16	10	16	172	6 3/4"	25.60	41258
		HEM HD	10	19	14	16	190 *	7 1/2"	29.80	45349
		HEM HD	10	19	14	16	200 *	7 7/8"	29.90	45351
		HEM HD	10	19	14	16	203 *	8"	30.00	41259
HEM HD	12	19	23	16	254 *	10"	35.20	45440		

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45095

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

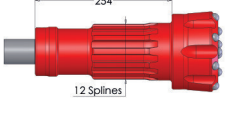
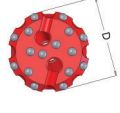
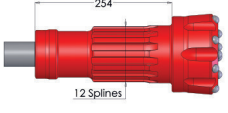
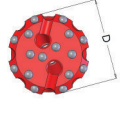
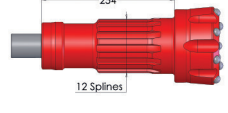
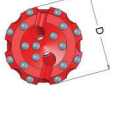
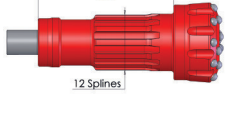
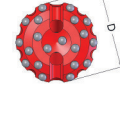
CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

## INGERSOLL-RAND QL6 / QL60, ROCKMORE ROK 600A / ROK 650A / ROK 650M

EPIROC QL60 / TD 60 / TD 65 / TD 70 / COP 64 GOLD, BULROC 66 DH (QL 60 shank), HALCO SUPER DOMINATOR 650 HD QL60, MINCON 6 DH / 6 DH-LV / XP60 / 6 BH, NUMA PATRIOT 60 WQ, PUMA 6.2 (QL60 shank)

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°			
		Carbide design	Gauge/Umfang extérieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]	[mm]	[in]						
<b>FLAT FACE</b> 	<b>11.01</b> 	HEM	8	16	8	16	152	6"	23.90	45235		
		HEM	8	16	8	16	155	6.1"	24.00	45380		
		HEM	8	16	8	16	156	6 1/8"	24.10	45382		
		HEM	8	16	8	16	159	6 1/4"	24.15	45384		
		HEM	8	16	10	16	165	6 1/2"	25.20	45236		
		HEM HD	8	19	10	16	165	6 1/2"	25.25	45473		
		HEM	8	19	10	16	172	6 3/4"	25.70	45237		
		HEM HD	8	19	8	19	172	6 3/4"	25.75	45474		
		<b>FLAT FACE / HD</b> 		HEM	10	16	10	16	165	6 1/2"	25.40	45241
HEM	10			16	10	16	172	6 3/4"	25.90	45242		
HEM	10			19	14	16	190 *	7 1/2"	26.50	45386		
HEM	10			19	14	16	200 *	7 7/8"	27.00	45388		
HEM	10			19	14	16	203 *	8"	31.80	45421		
HEM	10			19	14	16	219 *	8 5/8"	32.00	45491		
HEM	12			19	23	16	244 *	9 5/8"	51.00	45521		
<b>CONCAVE</b> 				HEM	8	16	9	16	152	6"	23.60	45238
		HEM	9	19	9	16	152	6"	23.65	45445		
		HEM	8	16	9	16	155	6.1"	25.10	45381		
		HEM	9	19	9	16	155	6.1"	25.15	45446		
		HEM	8	16	9	16	156	6 1/8"	25.20	45383		
		HEM	9	19	9	16	156	6 1/8"	25.25	45447		
		HEM	8	16	9	16	159	6 1/4"	25.30	45385		
		HEM	9	19	9	16	159	6 1/4"	25.35	45448		
		HEM	8	16	9	16	165	6 1/2"	25.70	45239		
		HEM HD	8	19	9	16	165	6 1/2"	25.73	45475		
		HEM	9	19	10	16	165	6 1/2"	25.75	45449		
		HEM HD	10	16	10	16	165	6 1/2"	25.00	45243		
		HEM HD	10	19	12	16	165	6 1/2"	25.80	45476		
		HEM	8	19	9	16	172	6 3/4"	25.90	45240		
		HEM	9	19	10	16	172	6 3/4"	25.95	45450		
		HEM HD	10	16	10	16	172	6 3/4"	25.70	45244		
		HEM HD	10	19	10	16	172	6 3/4"	25.97	45477		
		HEM HD	10	16	12	16	180 *	7"	26.00	45470		
		HEM HD	10	19	14	16	190 *	7 1/2"	26.00	45387		
		HEM HD	10	19	14	16	200 *	7 7/8"	26.50	45389		
		HEM HD	10	19	14	16	219 *	8 5/8"	27.00	45518		
		<b>CONCAVE-CONVEX</b> 		HEM HD	10	16	10	16	152	6"	23.65	45451
				HEM HD	10	16	10	16	155	6.1"	25.15	45452
				HEM HD	10	16	10	16	156	6 1/8"	25.25	45453
HEM HD	10			16	10	16	159	6 1/4"	25.35	45454		
HEM HD	10			16	10	16	165	6 1/2"	25.75	45455		
HEM HD	10			16	10	16	172	6 3/4"	25.95	45456		
HEM HD	10			19	9	16	172	6 3/4"	25.95	45478		
HEM HD	10			19	8	19	172	6 3/4"	26.00	45479		

Blow tube / Fußventil  
Sous-pape inférieure / Válvula de pie

45097

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

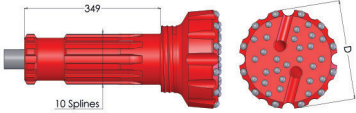
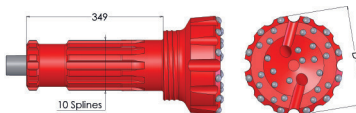
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\* = No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

# INGERSOLL-RAND DHD 380

## ROCKMORE ROK 87A-380

EPIROC COP 84 / DHD 8 / TERRANOX 8, BULROC HYPER 81 ( DHD 380 shank ), HALCO MACH 80 / 88 ( DHD 380 shank ), DOMINATOR 800 / 880 / 880 DW ( DHD 380 shank )  
MINCON 8 DH / XP90 - 380, NUMA CHALLENGER 80 / PATRIOT 80, PUMA 8.1 ( DHD 380 shank ), SECOROC 8\*

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]		[mm]	[in]			
FLAT FACE 	12.01	HEM	10	19	14	16	203	8"	50.00	45221
		HEM	10	19	14	16	207	8 1/8"	50.30	45362
		HEM	10	19	14	16	216	8 1/2"	52.00	45222
		HEM	10	19	14	16	225	8 7/8"	52.50	45364
		HEM	10	19	16	16	229	9"	52.65	45366
		HEM	12	19	23	16	251 *	9 7/8"	55.50	45368
		HEM	12	19	27	16	254 *	10"	56.00	45223
		HEM	12	19	37	16	305 *	12"	85.00	45618
		HEM	12	19	37	16	305 *	12"	85.00	45617
CONCAVE 	12.02	HEM	10	19	14	16	190	7 1/2"	50.00	45432
		HEM	10	19	14	16	194	7 5/8"	49.00	45464
		HEM	10	19	14	16	203	8"	50.00	45224
		HEM	10	19	14	16	207	8 1/8"	50.30	45363
		HEM	10	19	14	16	216	8 1/2"	52.00	45225
		HEM	10	19	16	16	225	8 7/8"	52.50	45365
		HEM	10	19	16	16	229	9"	52.65	45367
		HEM	12	19	23	16	251 *	9 7/8"	55.50	45369
		HEM	12	19	23	16	254 *	10"	56.00	45226

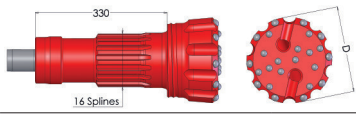
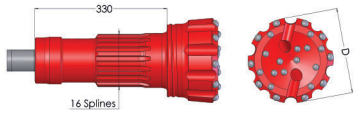
Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45115

# INGERSOLL-RAND QL8 / QL80

## ROCKMORE ROK 800A / ROK 875A

EPIROC QL80 / TD80 / TD85, BULROC HYPER 81-QL8, HALCO DOMINATOR 850 QL80, MINCON 8.1 ( QL80 shank ), PUMA 8.1 ( QL80 shank )

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]		[mm]	[in]			
FLAT FACE 	12.02	HEM	10	19	14	16	203	8"	48.86	45318
		HEM	10	19	14	16	216	8 1/2"	51.72	45320
		HEM	12	19	27	16	254 *	10"	64.30	45322
		HEM	12	19	37	16	305 *	12"	85.00	45620
CONCAVE 	12.02	HEM	10	19	14	16	203	8"	48.86	45319
		HEM	10	19	14	16	207	8 1/8"	48.93	45390
		HEM	10	19	14	16	216	8 1/2"	49.10	45321
		HEM	10	19	16	16	225	8 7/8"	52.70	45391
		HEM	10	19	16	16	229	9"	53.10	45392
		HEM	12	19	23	16	254 *	10"	64.30	45323
		HEM	12	19	31	16	305 *	12"	85.00	45619
		HEM	12	19	31	16	305 *	12"	85.00	45619

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45117

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

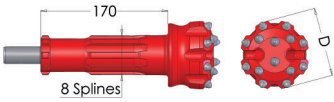

CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

## MISSION A 30-15

TECHMO TM3 XL

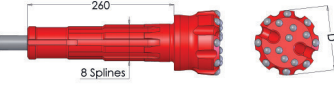

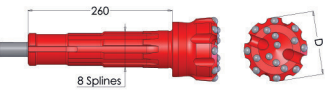
Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.] [mm]	Front/Stirnseite front/frontal [No.] [mm]		[mm]	[in]			
CONVEX 	13.01 	HEM	8	12	6	12	92	3 5/8"	4.85	45282
		BAL	8	12	6	12	92	3 5/8"	4.85	45281
		1) BAL	9	12	6	12	93	3 11/16"	5.40	45301
		HEM	8	12	6	12	95	3 3/4"	5.15	45284
		BAL	8	12	6	12	95	3 3/4"	5.15	45283
		1) BAL	9	12	6	12	95	3 3/4"	5.65	45276

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45114

## MISSION A 34-15 / SD4

BOART BH 40, BULROC BR4 V/L, HALCO DOMINATOR 400 (A34-15 shank), MINCON 4 HRSD 4, PUMA 4.4 (SD 4 shank)

FLAT FACE 	13.02 	HEM	8	14	8	12	105	4 1/8"	9.15	41221
		HEM	8	14	8	12	110	4 5/16"	9.35	41222
		HEM	8	14	8	12	115	4 1/2"	9.55	41220
		HEM	8	14	8	12	121	4 3/4"	10.10	41280
		HEM	8	14	8	12	124	4 7/8"	10.20	45342
		HEM	8	14	9	12	127 *	5"	10.40	41200
CONCAVE 		HEM	8	14	8	12	105	4 1/8"	9.05	41201
		HEM	8	14	8	12	110	4 5/16"	9.25	41202
		HEM	8	14	8	12	115	4 1/2"	9.45	41204
		HEM	8	14	8	12	121	4 3/4"	10.20	41281
		HEM	8	14	8	12	124	4 7/8"	10.30	41343
		HEM	8	16	8	12	127 *	5"	10.55	41205

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45090

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
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MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

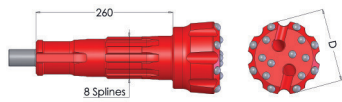
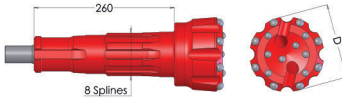
1) = 3 Front flushing holes / 3 Front Spüllöcher

\* = No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla



## MISSION A 43-15 / SD5

EPIROC COP 54M, BULROC BR5 V/L, HALCO DOMINATOR 500 (A43-15 shank), MINCON MP55 SD5, PUMA 5.2 SD5

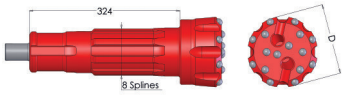
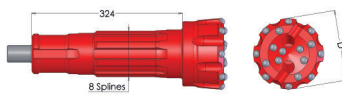
Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]	[mm]	[in]				
FLAT FACE 	14.01	HEM	8	16	8	12	127	5"	14.10	45004
		HEM	8	16	8	14	130	5 1/8"	14.50	45123
		HEM	8	16	9	14	140	5 1/2"	16.10	45124
		HEM	8	16	8	16	146	5 3/4"	16.40	45005
		HEM	8	16	8	16	152 *	6"	16.57	45347
CONCAVE 		HEM	8	16	8	12	127	5"	14.10	45006
		HEM	8	16	8	12	130	5 1/8"	14.50	45007
		HEM	8	16	8	14	140	5 1/2"	16.10	45008
		HEM	8	16	8	16	146	5 3/4"	16.40	45009
		HEM	8	16	9	16	152 *	6"	16.57	41255

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45091

## MISSION A 53-15 / SD6

EPIROC COP 64M, BULROC BR6, HALCO DOMINATOR 600 (SD6 shank) SUPER DOMINATOR 650, (SD6 shank), MINCON 6 DHS6, PUMA 6.2 / 6.3 (SD 6 shank), SECOROC 6" M

FLAT FACE 	14.02	HEM	8	16	8	16	152	6"	25.90	45003
		HEM	8	16	8	16	156	6 1/8"	26.40	45010
		HEM	8	16	8	16	159	6 1/4"	27.00	45011
		HEM	8	16	10	16	165	6 1/2"	27.40	45037
		HEM HD	10	16	10	16	165	6 1/2"	27.60	45015
		HEM HD	10	16	10	16	172	6 3/4"	28.00	45016
		HEM HD	10	16	10	16	178 *	7"	28.10	45042
		HEM HD	10	19	14	16	190 *	7 1/2"	28.20	45024
		HEM HD	10	19	14	16	200 *	7 7/8"	28.45	45026
		HEM HD	10	19	14	16	203 *	8"	33.50	45017
CONCAVE 		HEM	8	16	9	16	152	6"	25.90	45012
		HEM	8	16	9	16	156	6 1/8"	26.40	45013
		HEM	8	16	9	16	159	6 1/4"	27.00	45014
		HEM	8	16	9	16	165	6 1/2"	27.40	45038
		HEM HD	10	16	10	16	165	6 1/2"	27.60	45018
		HEM HD	10	16	10	16	172	6 3/4"	28.10	45019
		HEM HD	10	16	10	16	178 *	7"	27.70	45043
		HEM HD	10	19	14	16	190 *	7 1/2"	28.00	45025
		HEM HD	10	19	14	16	200 *	7 7/8"	28.20	45027
		HEM HD	10	19	14	16	203 *	8"	33.50	45020

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45036

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

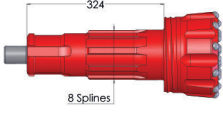
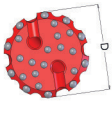
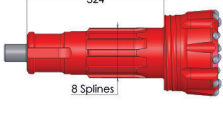
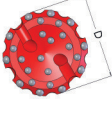
CON = Conical carbide on request / Delta stift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

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## MISSION A 63-15 / SD8

EPIROC COP 84L, HALCO DOMINATOR 750, DOMINATOR 800 / 850 (SD8 shank), MINCON 8 DHSD8, PUMA 7.1 (SD8 shank), SECOROC 8" L

Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang exterieur/exterior [No.]   [mm]	Front/Stirnseite front/frontal [No.]   [mm]		[mm]	[in]			
<b>FLAT FACE</b> 	<b>15.01</b> 	HEM	10	19	14	16	203	8"	50.00	45022
		HEM	10	19	14	16	207	8 1/8"	50.20	45370
		HEM	10	19	14	16	216	8 1/2"	52.00	45023
		HEM	10	19	16	16	225	8 7/8"	52.40	45372
		HEM	10	19	16	16	229	9"	52.60	45374
		HEM	12	19	23	16	251 *	9 7/8"	55.80	45376
		HEM	12	19	27	16	254 *	10"	56.00	45028
		HEM	10	19	14	16	203	8"	50.00	45029
<b>CONCAVE</b> 		HEM	10	19	14	16	207	8 1/8"	50.20	45371
		HEM	10	19	14	16	216	8 1/2"	52.00	45030
		HEM	10	19	16	16	225	8 7/8"	52.40	45373
		HEM	10	19	16	16	229	9"	52.60	45375
		HEM	12	19	23	16	251 *	9 7/8"	55.80	45377
		HEM	12	19	23	16	254 *	10"	56.00	45031

Blow tube / Fußventil  
 Soupape inférieure / Válvula de pie

45021

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos

BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos

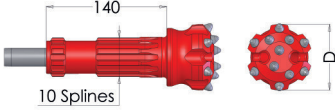
CON = Conical carbide on request / Deltastift auf Anfrage / Boutons delta sur demande / Botones conicos a solicitud

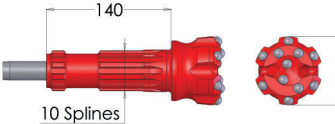
MP = MultiPoint carbide on request / MultiPoint Stift auf Anfrage / Boutons MultiPoint sur demande / Botones MultiPoint a solicitud

\*= No shank breakage warranty / Keine Garantie gegen Schaftbruch / Pas de garantie en cas de rupture du tige / Ninguna garantía en caso de rotura de la varilla

# ROCKMORE RM250

## ROCKMORE ROK 250

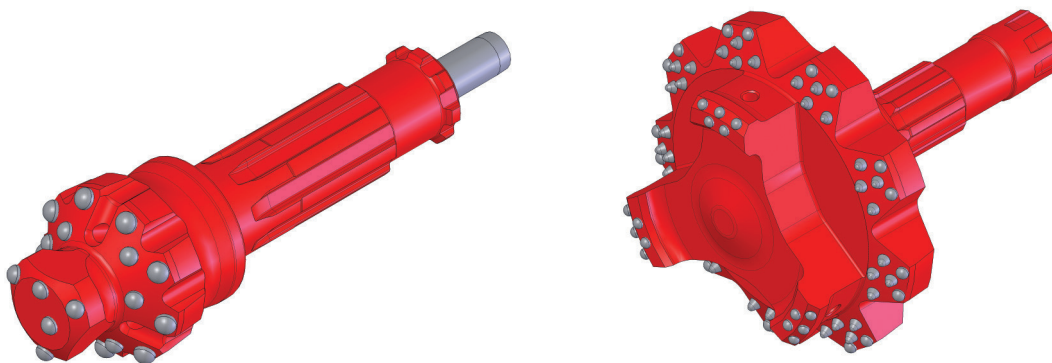
Head design Kopfdesign Façon de tête Tipo de cara	Illustration Bild Illustration Ilustración	Carbide dimension / Hartmetallabmessung Dimension métal dur / Dimension metal duro				D		Weight Gewicht Poids Peso [kg]	Part No. Artikel Nr. N° de réf. Cat. N°	
		Carbide design	Gauge/Umfang extérieur/exterior [No.]   [mm]		Front/Stirnseite front/frontal [No.]   [mm]		[mm]			[in]
CONVEX 	16.01	CON	6	10	5	10	72	2 27/32"	2.60	45615
		CON	6	10	5	10	76	3"	3.00	45570

CONCAVE 	HEM	8	11	6	10	76	3"	2.60	45616
	HEM	8	11	6	11	89	3 1/2"	3.70	45651

Blow tube / Fußventil  
Soupape inférieure / Válvula de pie

45118

### DTH Reaming Bits / Erweiterungstieflochbohrkronen



For further information, please contact our ROCKMORE representative for a quote.  
Für mehr Informationen kontaktieren Sie bitte unsere ROCKMORE-Vertretung.

HEM = Hemispherical button / Kugelstift / Boutons hémisphériques / Botones esféricos  
BAL = Full Ballistic carbide / Parabolstift / Boutons paraboliques / Botones parabólicos  
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