



2023 TOP HAMMER PRODUCT HANDBOOK



ROCK MORE
INTERNATIONAL

Rock Drilling Tools

For all your rock drilling tool needs contact
ROCKMORE INTERNATIONAL



USA

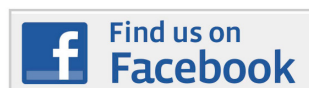
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Rockmore International

General Terms and Conditions

Prices

All prices listed are EXW Rockmore International, Wilsonville, Oregon USA or Judenburg, Austria unless otherwise stated. **Pricing is subject to change without prior notice.**

Delivery

Freight prepaid on all shipments totaling a minimum net invoice value of \$15,000.00 to official customer warehouses. Applicable only to regular ground delivery within the continuous United States (Alaska, Hawaii, and Puerto Rico excluded) and for USA final destinations.

Damaged or missing items must be noted on the delivery receipt and confirmed to our office in Wilsonville, Oregon within 48 hours following delivery of shipment.

Returns

Unused products:

Absolutely no products shall be accepted for return without the prior written consent of Rockmore International and all freight costs shall be prepaid by purchaser. Request to return goods must be made within 60 days of invoice date. Returned goods must be in re-saleable condition and are subject to a minimum 15% restocking fee. Special order items are not returnable. Returns will not be accepted after 6 months of invoice date.

Warranty returns:

Absolutely no product shall be accepted for analysis without the prior written consent of Rockmore International and all freight costs shall be prepaid by purchaser. Rockmore, at its option will request that the goods be returned via a return authorization, call tag, or other means. Credit or replacement parts will be issued at the sole discretion of Rockmore International upon inspection of returned product. Return authorization numbers shall be clearly marked on box and placed on return packing slip.

All returns subject to inspection and final approval.

Special Orders

Special items can be ordered from the factory with a confirming purchase order, but may be subject to minimum quantity requirements. Minimum quantity requirements are subject to fluctuation without prior notice. Shipping tolerance of +/- 10% may be applicable. Special order items are not subject to return.

Cancellations

Purchaser may cancel an order only upon notice and is subject to final approval of Rockmore International. Cancellation of special order items will not be accepted.

Terms of Payment

Upon credit approval, domestic terms are Net 30 days after the date of invoice unless otherwise stated.

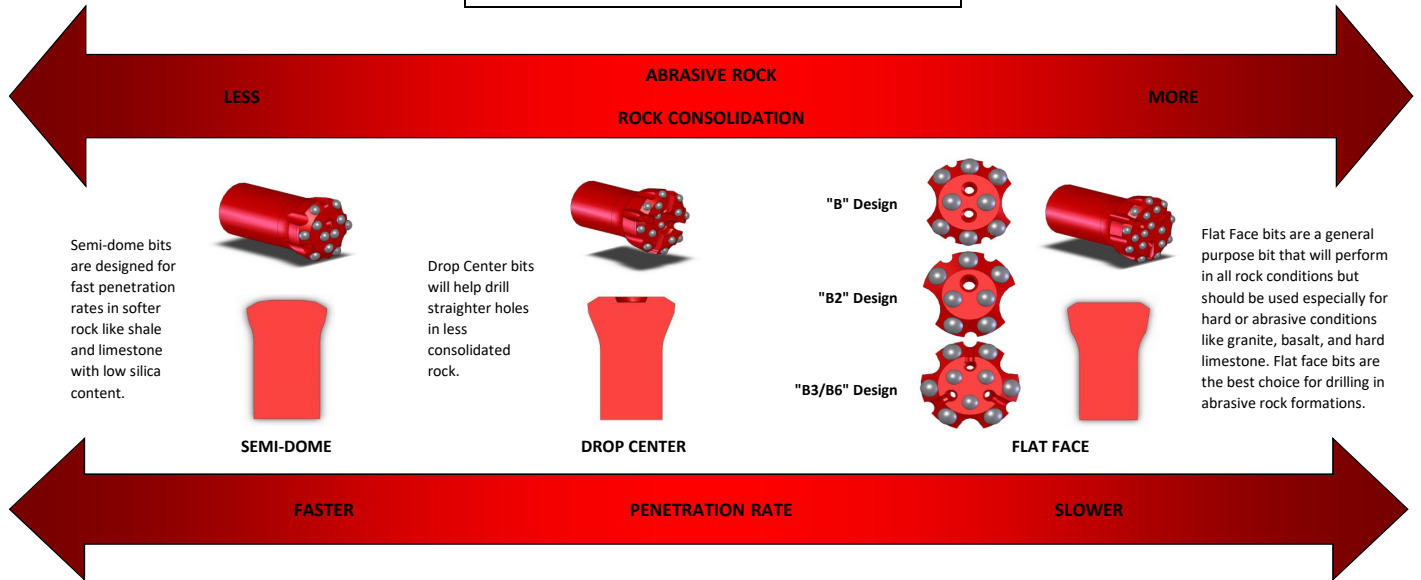
All pricing, terms and conditions are subject to change without prior notice.

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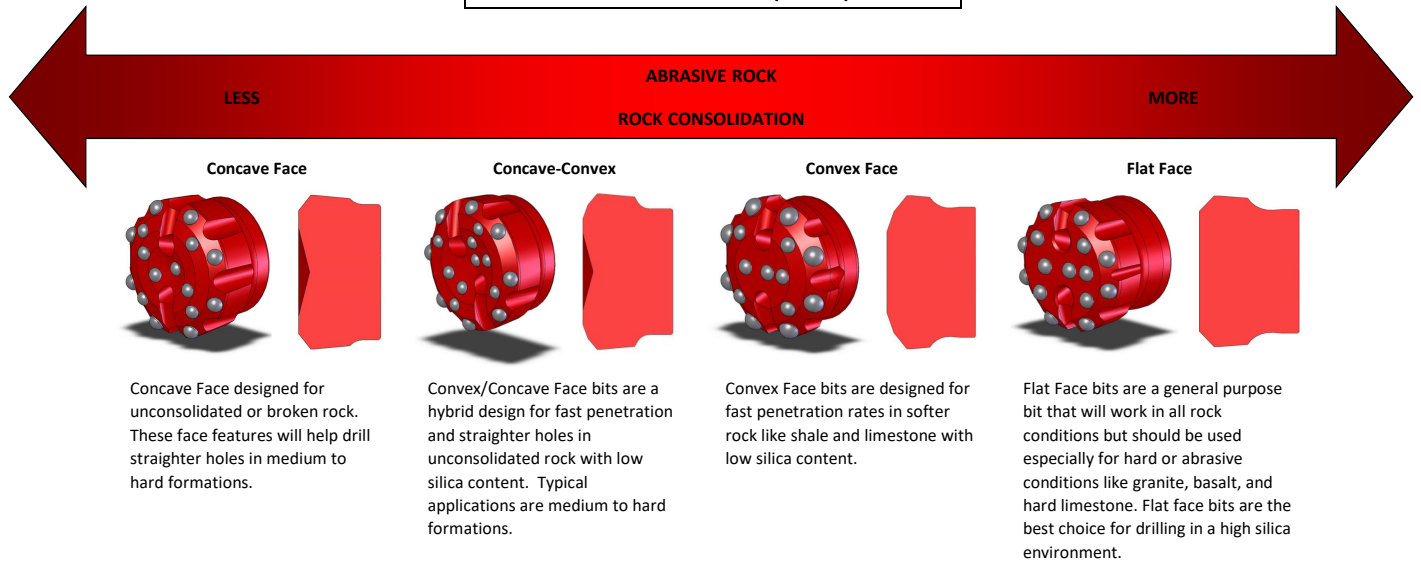
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BIT FACE SELECTION

TOP-HAMMER BUTTON BITS



DOWN-THE-HOLE (DTH) BITS



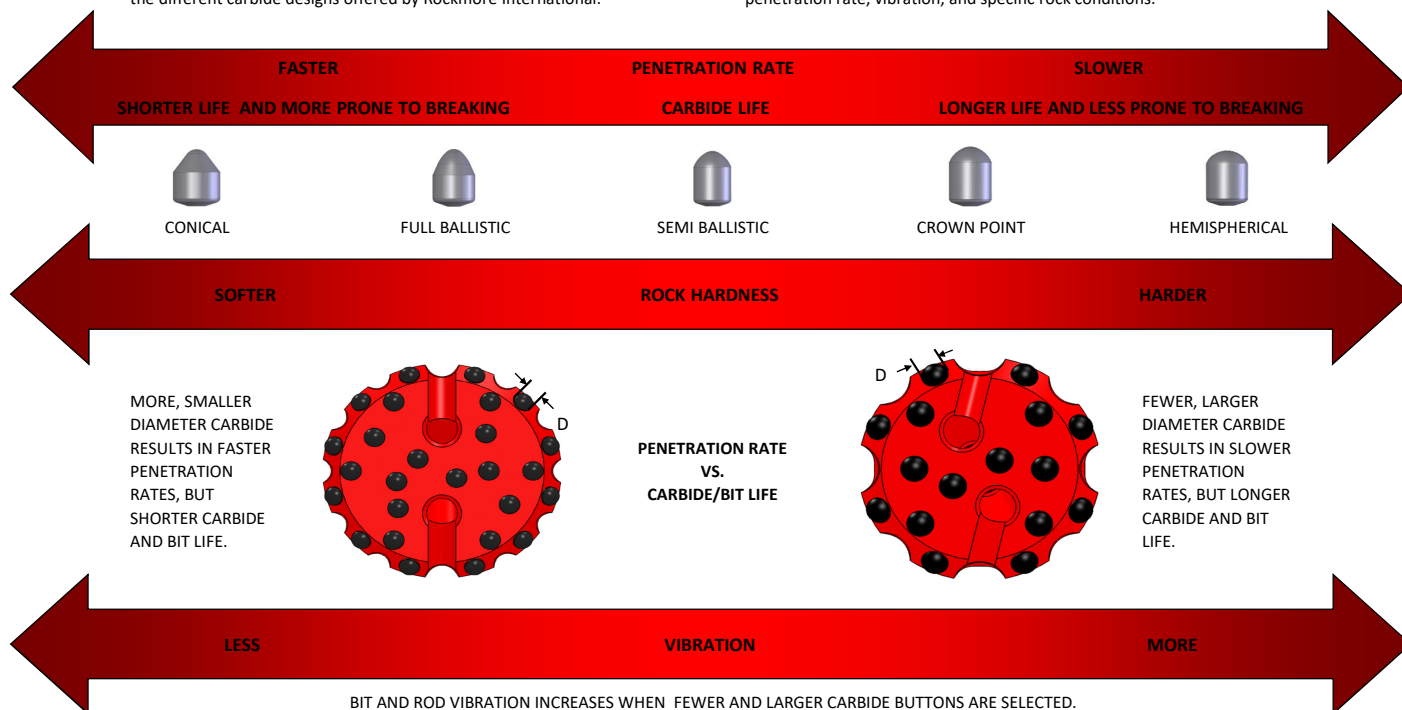
CARBIDE SELECTION

Carbide Designs

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. Below are selections of the different carbide designs offered by Rockmore International.

Carbide Configurations

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 including resistance to wear, penetration rate, vibration, and specific rock conditions.

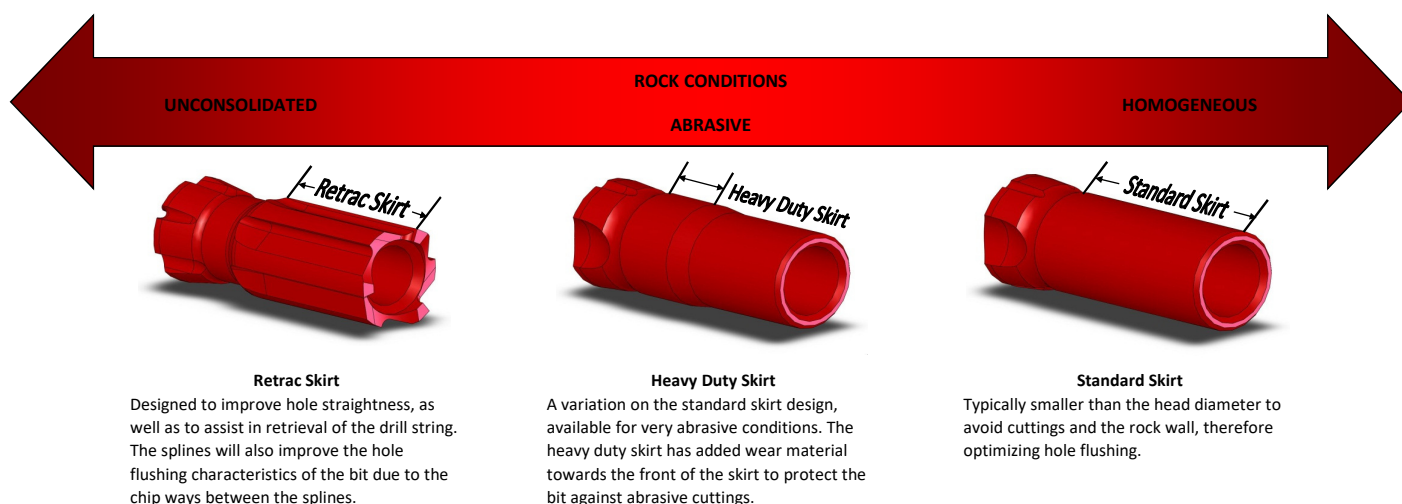


MULTIPOINT

MultiPoint -- the next generation carbide insert. Rockmore's exclusive new carbide insert design provides multiple strike points for more efficient rock fracture and longer insert life. Along with longer insert life, MultiPoint carbides also provide smoother bit rotation and advancement.



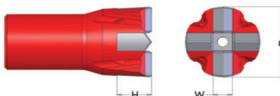
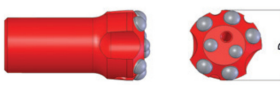
SKIRT SELECTION



TAPERED BITS



22 mm X 4°46' (7/8" X 4°46')

NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1		8	5/16	14	9/16	32	1-1/4	T22-32M4-1369	49701			
		8	5/16	14	9/16	34	1-11/32	T22-34M4-1352	49703			
		8	5/16	14	9/16	35	1-3/8	T22-35M4-1255	49775			
		8	5/16	14	9/16	36	1-13/32	T22-36M4-1323	49705			
		8	5/16	14	9/16	38	1-1/2	T22-38M4-1437	49707			
		8	5/16	14	9/16	40	1-9/16	T22-40M4-1438	49709			
		8	5/16	14	9/16	41	1-5/8	T22-41M4-1496	49790			
		8	5/16	14	9/16	42	1-21/32	T22-42M4-1038	49711			
		8	5/16	14	9/16	45	1-3/4	T22-45M4-1118	49722			
		8	5/16	14	9/16	46	1-13/16	T22-46M4-1226	49724			
		8	5/16	14	9/16	48	1-7/8	T22-48M4-1497	49791			
		8	5/16	14	9/16	51	2	T22-51M4-1367	49712			
		8	5/16	14	9/16	57	2-1/4	T22-57M4-1764	49713			
2		CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B24-1297	41025
		BAL	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B24B-1293	41035
		HEM	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B24-1032	41032
		BAL	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B24B-1498	41075
		HEM	5	8	5/16	2	7	9/32	36	1-13/32	T22-36B24-1266	41030
		BAL	5	8	5/16	2	7	9/32	36	1-13/32	T22-36B24B-1673	41091
		HEM	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B24-1031	41029
		BAL	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B24B-1499	41076
		HEM	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B24-1138	41027
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B24B-1500	41034
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B24-1501	41033
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B24B-1502	41077
		HEM	5	11	7/16	2	9	11/32	48	1-7/8	T22-48B24-1741	41003
		BAL	5	11	7/16	2	9	11/32	48	1-7/8	T22-48B24B-1760	41005
		HEM	5	11	7/16	2	10	13/32	50	1-31/32	T22-50B24-1359	41059
		HEM	5	11	7/16	2	10	13/32	51	2	T22-51B24-1761	41031
		BAL	5	11	7/16	2	10	13/32	51	2	T22-51B24B-1762	41007

CARBIDE PROFILE DESIGNS

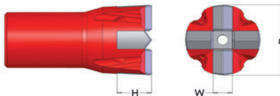
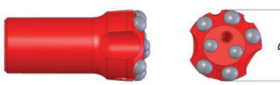
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

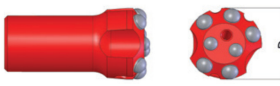
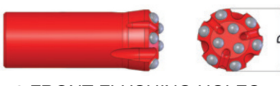
TAPERED BITS



22 mm X 7° (7/8" X 7°)

NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1	 1 FRONT FLUSHING HOLE	8	5/16	14	9/16	30	1-3/16	T22-30M7-1696	49758			
		8	5/16	14	9/16	32	1-1/4	T22-32M7-1732	49765			
		8	5/16	14	9/16	35	1-3/8	T22-35M7-1865	49798			
		8	5/16	14	9/16	41	1-5/8	T22-41M7-2414	49746			
		8	5/16	14	9/16	45	1-3/4	T22-45M7-1852	49763			
		8	5/16	14	9/16	48	1-7/8	T22-48M7-2629	49764			
NO.	B2 DESIGN	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2	 1 FRONT FLUSHING HOLE	BAL	5	7	9/32	2	7	9/32	30	1-3/16	T22-30B27B-4231	11020
		BAL	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B27B-1375	41074
		HEM	5	8	5/16	2	7	9/32	36	1-13/32	T22-36B27-1756	41065
		BAL	5	8	5/16	2	7	9/32	36	1-13/32	T22-36B27B-1855	41010
		BAL	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B27B-1754	41096
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B27B-1856	41052
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B27-2269	41099
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B27B-2372	41053

25 mm X 7° (1" X 7°)

NO.	B2 DESIGN		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3			HEM	5	8	5/16	2	7	9/32	34	1-11/32	T25-34B27-3223	41060
			BAL	5	8	5/16	2	7	9/32	36	1-13/32	T25-36B27B-1868	41013
			HEM	5	9	11/32	2	9	11/32	41	1-5/8	T25-41B27-1867	41012
			BAL	5	9	11/32	2	9	11/32	41	1-5/8	T25-41B27B-1863	41011
NO.	B3 DESIGN		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
4			CP	6	8	5/16	3	7	9/32	41	1-5/8	T25-41B37CP-3364	41019
			BAL	6	8	5/16	3	7	9/32	41	1-5/8	T25-41B37B-3363	41018
			BAL	6	9	11/32	3	7	9/32	43	1-11/16	T25-43B37B-3002	41093
			BAL	6	9	11/32	3	8	5/16	45	1-3/4	T25-45B37B-3131	41004

CARBIDE PROFILE DESIGNS

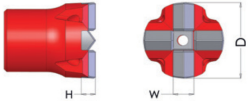
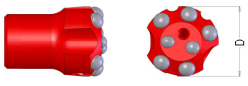
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

TAPERED BITS



22 mm X 11° (7/8" X 11°)

NO.	CROSS SINGLE - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1		8	5/16	6	1/4	28	1-1/8	T22-28S11-550	49792			
		8	5/16	6	1/4	32	1-1/4	T22-32S11-551	49776			
		8	5/16	6	1/4	35	1-3/8	T22-35S11-866	49749			
		8	5/16	6	1/4	38	1-1/2	T22-38S11-552	49736			
		8	5/16	6	1/4	41	1-5/8	T22-41S11-211	49752			
		8	5/16	6	1/4	45	1-3/4	T22-45S11-553	49737			
		8	5/16	6	1/4	48	1-7/8	T22-48S11-554	49747			
		8	5/16	6	1/4	51	2	T22-51S11-555	49750			
NO.	B2 DESIGN	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2		HEM	5	7	9/32	2	7	9/32	32	1-1/4	T22-32B211-2679	41024
		BAL	5	7	9/32	2	7	9/32	32	1-1/4	T22-32B211B-2359	41023
		HEM	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B211-1505	41079
		BAL	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B211B-1506	41080
		HEM	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B211-1507	41081
		CP	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B211CP-3366	41040
		BAL	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B211B-1254	41041
		HEM	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B211-1508	41082
		BAL	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B211B-1239	41042
		HEM	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B211-1509	41083
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B211B-1510	41084
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B211-1511	41085
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B211B-1512	41086

CARBIDE PROFILE DESIGNS

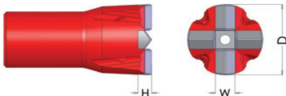
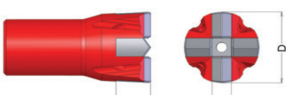
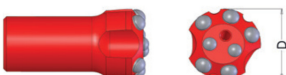


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 Note: Some button bits may not be offered with a particular carbide design shown above.

TAPERED BITS



22 mm X 12° (7/8" X 12°)

NO.	CROSS SINGLE - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D		PART NUMBER				
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1	 1 FRONT FLUSHING HOLE	8	5/16	6	1/4	32	1-1/4	T22-32S12-606	49781			
		8	5/16	6	1/4	35	1-3/8	T22-35S12-607	49782			
		8	5/16	6	1/4	38	1-1/2	T22-38S12-608	49771			
		8	5/16	6	1/4	41	1-5/8	T22-41S12-609	49783			
		8	5/16	6	1/4	45	1-3/4	T22-45S12-610	49784			
		8	5/16	6	1/4	48	1-7/8	T22-48S12-611	49785			
		8	5/16	6	1/4	51	2	T22-51S12-612	49786			
NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D		PART NUMBER				
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
2	 1 FRONT FLUSHING HOLE	8	5/16	14	9/16	32	1-1/4	T22-32M12-129	49731			
		8	5/16	14	9/16	35	1-3/8	T22-35M12-714	49739			
		8	5/16	14	9/16	38	1-1/2	T22-38M12-713	49760			
		8	5/16	14	9/16	41	1-5/8	T22-41M12-712	49787			
		8	5/16	14	9/16	45	1-3/4	T22-45M12-711	49788			
		8	5/16	14	9/16	48	1-7/8	T22-48M12-1513	49793			
		8	5/16	14	9/16	51	2	T22-51M12-1514	49794			
NO.	B2 DESIGN	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3	 1 FRONT FLUSHING HOLE	BAL	4	7	9/32	1	7	9/32	28	1-1/8	T22-28B212B-4271	11024
		BAL	4	7	9/32	1	7	9/32	31	1-7/32	T22-31B212B-1653	41016
		HEM	5	7	9/32	2	7	9/32	32	1-1/4	T22-32B212-1848	41048
		BAL	5	7	9/32	2	7	9/32	32	1-1/4	T22-32B212B-1169	41057
		HEM	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B212-2627	41014
		BAL	5	7	9/32	2	7	9/32	33	1-5/16	T22-33B212B-1493	41015
		HEM	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B212-100	41046
		BAL	5	8	5/16	2	7	9/32	35	1-3/8	T22-35B212B-1398	41064
		HEM	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B212-690	41047
		BAL	5	9	11/32	2	7	9/32	38	1-1/2	T22-38B212B-1399	41049
		HEM	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B212-102	41069
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	T22-41B212B-1246	41050
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B212-101	41070
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	T22-45B212B-1515	41087

CARBIDE PROFILE DESIGNS

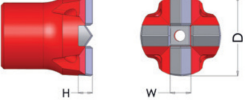
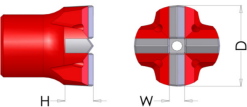
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



"H" THREAD

NO.	CROSS SINGLE - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		W		H		D			
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA
1	 1 FRONT FLUSHING HOLE	8	5/16	6	1/4	35	1-3/8	H-35S-158	41107
		8	5/16	6	1/4	38	1-1/2	H-38S-159	41108
		8	5/16	6	1/4	41	1-5/8	H-41S-160	41109
		8	5/16	6	1/4	45	1-3/4	H-45S-161	41110
		8	5/16	6	1/4	48	1-7/8	H-48S-162	41111
		8	5/16	6	1/4	51	2	H-51S-163	41112
		8	5/16	6	1/4	57	2-1/4	H-57S-164	41113
NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		W		H		D			
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA
2	 1 FRONT FLUSHING HOLE	8	5/16	14	9/16	35	1-3/8	H-35M-165	41114
		8	5/16	14	9/16	38	1-1/2	H-38M-166	41115
		8	5/16	14	9/16	41	1-5/8	H-41M-167	41116
		8	5/16	14	9/16	45	1-3/4	H-45M-168	41117
		8	5/16	14	9/16	48	1-7/8	H-48M-169	41118
		8	5/16	14	9/16	51	2	H-51M-170	41119
		8	5/16	14	9/16	57	2-1/4	H-57M-171	41120
		9.5	3/8	14	9/16	64	2-1/2	H-64M-172	41121
		12	15/32	20.6	13/16	70	2-3/4	H-70M-572	41122
		12	15/32	20.6	13/16	76	3	H-76M-573	41123

CARBIDE PROFILE DESIGNS

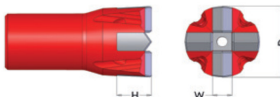
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular design shown above.

THREADED BITS



R22 7/8" ROPE THREAD

NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D		PART NUMBER				
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1	 1 FRONT FLUSHING HOLE	8	5/16	14	9/16	35	1-3/8	R22-35M-808	49679			
		8	5/16	14	9/16	38	1-1/2	R22-38M-807	49651			
		8	5/16	14	9/16	41	1-5/8	R22-41M-949	49662			
NO.	B2 DESIGN	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D		PART NUMBER			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2	 1 FRONT FLUSHING HOLE	HEM	5	7	9/32	2	7	9/32	32	1-1/4	R22-32B2-4079	44241
		BAL	5	7	9/32	2	7	9/32	32	1-1/4	R22-32B2B-2979	44705
		HEM	5	8	5/16	2	7	9/32	34	1-11/32	R22-34B2-3129	44237
		BAL	5	8	5/16	2	7	9/32	34	1-11/32	R22-34B2B-3130	44238
		HEM	5	8	5/16	2	7	9/32	35	1-3/8	R22-35B2-923	44503
		HEM	5	9	11/32	2	7	9/32	38	1-1/2	R22-38B2-924	44599
		HEM	5	9	11/32	2	9	11/32	41	1-5/8	R22-41B2-1517	44614
		HEM	5	9.5	3/8	2	8	5/16	43	1-11/16	R22-43B2-4080	41193
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	R22-45B2-1518	44615

CARBIDE PROFILE DESIGNS

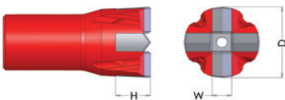
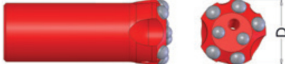
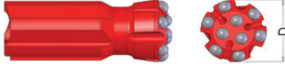
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R25 1" ROPE THREAD

NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1		8	5/16	14	9/16	35	1-3/8	R25-35M-415	49673			
		8	5/16	14	9/16	38	1-1/2	R25-38M-413	49600			
		8	5/16	14	9/16	41	1-5/8	R25-41M-663	49601			
		8	5/16	14	9/16	43	1-11/16	R25-43M-4081	49602			
		8	5/16	14	9/16	45	1-3/4	R25-45M-414	49603			
		9.5	3/8	19	3/4	48	1-7/8	R25-48M-771	49640			
		9.5	3/8	19	3/4	51	2	R25-51M-854	49660			
		9.5	3/8	19	3/4	57	2-1/4	R25-57M-863	49658			
2		CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA		
		HEM	5	7	9/32	2	7	9/32	32	1-1/4	R25-32B2-941	44124
		BAL	5	7	9/32	2	7	9/32	32	1-1/4	R25-32B2B-1383	44125
		HEM	5	7	9/32	2	7	9/32	33	1-5/16	R25-33B2-1434	44847
		BAL	5	7	9/32	2	7	9/32	33	1-5/16	R25-33B2B-1519	44616
		HEM	5	8	5/16	2	7	9/32	35	1-3/8	R25-35B2-1130	44741
		BAL	5	8	5/16	2	7	9/32	35	1-3/8	R25-35B2B-1458	44647
		HEM	5	8	5/16	2	7	9/32	36	1-13/32	R25-36B2-769	44507
		HEM	5	9	11/32	2	7	9/32	38	1-1/2	R25-38B2-1520	44617
		HEM	5	9.5	3/8	2	7	9/32	38	1-1/2	R25-38B2-410	44743
		BAL	5	9	11/32	2	7	9/32	38	1-1/2	R25-38B2B-1521	44754
		HEM	5	9	11/32	2	9	11/32	41	1-5/8	R25-41B2-082	44673
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	R25-41B2B-1483	44677
		HEM	5	9.5	3/8	2	8	5/16	43	1-11/16	R25-43B2-1390	44623
		BAL	5	9.5	3/8	2	8	5/16	43	1-11/16	R25-43B2B-1765	44991
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	R25-45B2-407	44602
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	R25-45B2B-408	44603
		HEM	5	11	7/16	2	9	11/32	48	1-7/8	R25-48B2-083	44326
		BAL	5	11	7/16	2	9	11/32	48	1-7/8	R25-48B2B-406	44327
		HEM	5	11	7/16	2	10	13/32	51	2	R25-51B2-085	44328
		BAL	5	11	7/16	2	10	13/32	51	2	R25-51B2B-2628	44329
		3		CARBIDE DIMENSIONS				DIAMETER		PART NUMBER		
CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.		D		USA	AUSTRIA			
BAL	6			7	9/32	3	7	9/32	35	1-3/8	R25-35B3B-4182	16078
HEM	6			9	11/32	3	7	9/32	43	1-11/16	R25-43B3-4063	16079
CP / HEM	6			9	11/32	3	7	9/32	43	1-11/16	R25-43B3CP-4064	16080
HEM	6			9	11/32	3	8	5/16	45	1-3/4	R25-45B3-1522	44618
BAL	6			9	11/32	3	8	5/16	45	1-3/4	R25-45B3B-1523	44619
HEM	6			9	11/32	3	9	11/32	48	1-7/8	R25-48B3-1524	44624
BAL	6			9	11/32	3	9	11/32	48	1-7/8	R25-48B3B-1525	44625
HEM	6			10	13/32	3	9.5	3/8	51	2	R25-51B3-1526	44767
BAL	6			10	13/32	3	9.5	3/8	51	2	R25-51B3B-1527	44626
HEM	6			10	13/32	3	10	13/32	57	2-1/4	R25-57B3-1528	44629
BAL	6			10	13/32	3	10	13/32	57	2-1/4	R25-57B3B-1529	44632
BAL	6			10	13/32	3	10	13/32	60	2-3/8	R25-60B3B-3401	44188
4				CARBIDE DIMENSIONS				DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA		
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	R25-41BFRTB-1738	44968
		BAL	5	9.5	3/8	2	8	5/16	43	1-11/16	R25-43BFRTB-3749	44062
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	R25-45BFRTB-3750	44063
5		CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA		
		HEM	6	9	11/32	3	9	11/32	48	1-7/8	R25-48BFRT-3251	44221
		BAL	6	9	11/32	3	9	11/32	48	1-7/8	R25-48BFRTB-3252	44222
		BAL	6	10	13/32	3	9.5	3/8	51	2	R25-51BFRTB-2816	44254
		HEM	6	10	13/32	3	10	13/32	57	2-1/4	R25-57BFRT-3584	41189
		BAL	6	10	13/32	3	10	13/32	57	2-1/4	R25-57BFRTB-3580	41187
	BAL	6	10	13/32	3	10	13/32	60	2-3/8	R25-60BFRTB-3402	44189	

CARBIDE PROFILE DESIGNS

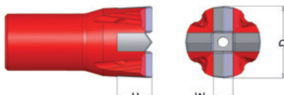
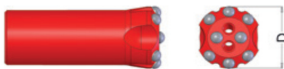
					
Hemispherical	MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R28 1-1/8" ROPE THREAD

NO.	CROSS MULTI - USE  1 FRONT FLUSHING HOLE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER					
		W		H		D							
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA				
		1	8	5/16	14	9/16	35	1-3/8	R28-35M-1530	49696			
8	5/16		14	9/16	38	1-1/2	R28-38M-419	49604					
8	5/16		14	9/16	41	1-5/8	R28-41M-386	49605					
8	5/16		14	9/16	45	1-3/4	R28-45M-387	49607					
NO.	B2 DESIGN  1 FRONT FLUSHING HOLE	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D				
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
		2	HEM	5	8	5/16	2	7	9/32	36	1-13/32	R28-36B2-216	44792
			BAL	5	8	5/16	2	7	9/32	36	1-13/32	R28-36B2B-1766	44990
			HEM	5	8	5/16	2	8	5/16	38	1-1/2	R28-38B2-1291	44664
			BAL	5	8	5/16	2	8	5/16	38	1-1/2	R28-38B2B-2575	44633
			BAL	5	9	11/32	2	7	9/32	38	1-1/2	R28-38B2B-694	44727
			HEM	5	9	11/32	2	9	11/32	41	1-5/8	R28-41B2-788	44628
			BAL	5	9	11/32	2	9	11/32	41	1-5/8	R28-41B2B-1804	44656
			HEM	5	9.5	3/8	2	8	5/16	43	1-11/16	R28-43B2-1481	44994
			BAL	5	9.5	3/8	2	8	5/16	43	1-11/16	R28-43B2B-1767	44661
			HEM	5	10	13/32	2	9	11/32	45	1-3/4	R28-45B2-976	44729
			BAL	5	10	13/32	2	9	11/32	45	1-3/4	R28-45B2B-461	44563
HEM	5		11	7/16	2	9	11/32	48	1-7/8	R28-48B2-091	44887		
NO.	B DESIGN  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D				
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
		3	HEM	6	8	5/16	2	8	5/16	43	1-11/16	R28-43B-1349	44807
			BAL	6	8	5/16	2	8	5/16	43	1-11/16	R28-43BB-1538	44713
BAL	6		9	11/32	2	9	11/32	45	1-3/4	R28-45BB-1573	44826		
NO.	B3 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D				
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
		4	HEM	6	9	11/32	3	8	5/16	45	1-3/4	R28-45B3-975	44564
			BAL	6	9	11/32	3	8	5/16	45	1-3/4	R28-45B3B-1532	44662
			HEM	6	9	11/32	3	9	11/32	48	1-7/8	R28-48B3-1533	44683
			BAL	6	9	11/32	3	9	11/32	48	1-7/8	R28-48B3B-1534	44698
			HEM	6	10	13/32	3	9.5	3/8	51	2	R28-51B3-1347	44753
			BAL	6	10	13/32	3	9.5	3/8	51	2	R28-51B3B-1535	44699

CARBIDE PROFILE DESIGNS

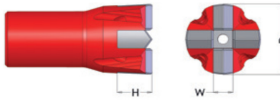
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R32 1-1/4" ROPE THREAD

NO.	CROSS MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D		PART NUMBER				
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1	 1 FRONT FLUSHING HOLE	9.5	3/8	19	3/4	41	1-5/8	R32-41M-138	49608			
		9.5	3/8	19	3/4	43	1-11/16	R32-43M-416	49614			
		9.5	3/8	19	3/4	45	1-3/4	R32-45M-139	49615			
		9.5	3/8	19	3/4	48	1-7/8	R32-48M-140	49616			
		9.5	3/8	19	3/4	51	2	R32-51M-141	49617			
		9.5	3/8	19	3/4	57	2-1/4	R32-57M-142	49618			
		12.7	1/2	25	1	76	3	R32-76MHD-147	49670			
NO.	X MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D		PART NUMBER				
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
2	 1 FRONT FLUSHING HOLE	12	15/32	20.6	13/16	64	2-1/2	R32-64X-269	49619			
		12.7	1/2	25	1	76	3	R32-76XHD-148	49678			
		12.7	1/2	25	1	89	3-1/2	R32-89XHD-400	49647			
		16	5/8	25	1	102	4	R32-102XHD-401	49692			
NO.	B2 DESIGN	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3	 1 FRONT FLUSHING HOLE * = 2 SIDE FLUSH HOLES	HEM	5	9	11/32	2	9	11/32	41	1-5/8	R32-41B2-001	44649
		BAL	5	9	11/32	2	9	11/32	41	1-5/8	R32-41B2B-364	44650
		HEM	5	9.5	3/8	2	8	5/16	43	1-11/16	R32-43B2-193	44636
		CP	5	9.5	3/8	2	8	5/16	43	1-11/16	R32-43B2CP-2863	44267
		BAL	5	9.5	3/8	2	8	5/16	43	1-11/16	R32-43B2B-1253	44648
		HEM	5	10	13/32	2	9	11/32	45	1-3/4	R32-45B2-002	44652
		BAL	5	10	13/32	2	9	11/32	45	1-3/4	R32-45B2B-671	44651
		HEM	5	11	7/16	2	9	11/32	48	1-7/8	R32-48B2-1110	44530
		HEM	5	11	7/16	2	9	11/32	48	1-7/8	R32-48B2-1394 *	44529
		BAL	5	11	7/16	2	9	11/32	48	1-7/8	R32-48B2B-362 *	44659
		HEM	5	12.7	1/2	2	9.5	3/8	51	2	R32-51B2-358	44757
		BAL	5	11	7/16	2	10	13/32	51	2	R32-51B2B-366	44567
NO.	B DESIGN	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
4	 2 FRONT FLUSHING HOLES * = 1 SIDE FLUSH HOLE	HEM	6	8	5/16	2	8	5/16	41	1-5/8	R32-41B-452	44803
		HEM	6	8	5/16	2	8	5/16	41	1-5/8	R32-41B-2529 *	44346
		BAL	6	8	5/16	2	8	5/16	41	1-5/8	R32-41BB-2530 *	44347
		HEM	6	8	5/16	2	8	5/16	43	1-11/16	R32-43B-1541	44716
		BAL	6	8	5/16	2	8	5/16	43	1-11/16	R32-43BB-1542	44717
		HEM	6	9	11/32	2	9	11/32	45	1-3/4	R32-45B-697	44740
		BAL	6	9	11/32	2	9	11/32	45	1-3/4	R32-45BB-176	44755
		HEM	6	9.5	3/8	2	9.5	3/8	48	1-7/8	R32-48B-1543	44718
		BAL	6	9.5	3/8	2	9.5	3/8	48	1-7/8	R32-48BB-973	44798
		HEM	6	11	7/16	2	9	11/32	51	2	R32-51B-1252	44453
		BAL	6	11	7/16	2	9	11/32	51	2	R32-51BB-179 *	44827

CARBIDE PROFILE DESIGNS

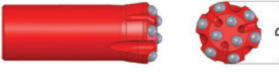
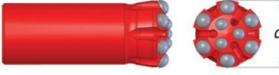
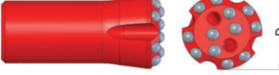
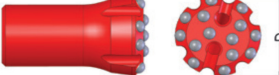
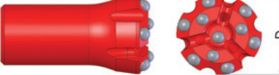
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R32 1-1/4" ROPE THREAD (CONTINUED)

NO.	B3 DESIGN	CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
5		HEM	6	9	11/32	3	7	9/32	43	1-11/16	R32-43B3-1850	44324
		BAL	6	9	11/32	3	7	9/32	43	1-11/16	R32-43B3B-1224	44325
		HEM	6	9	11/32	3	8	5/16	45	1-3/4	R32-45B3-1295	44675
		HEM	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B3-755	44726
		CP	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B3CP-2613	44273
		BAL	6	9	11/32	3	8	5/16	45	1-3/4	R32-45B3B-384	44704
		BAL	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B3B-1945	44728
		HEM	6	9	11/32	3	9	11/32	48	1-7/8	R32-48B3-1485	44690
		HEM	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B3-760	44694
		CP	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B3CP-2765	44265
		BAL	6	9	11/32	3	9	11/32	48	1-7/8	R32-48B3B-699	44787
		BAL	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B3B-2398	44322
		HEM	6	10	13/32	3	9.5	3/8	51	2	R32-51B3-361	44756
		HEM	6	11	7/16	3	9	11/32	51	2	R32-51B3-3535	44712
		CP	6	10	13/32	3	9.5	3/8	51	2	R32-51B3CP-2617	44323
		BAL	6	10	13/32	3	9.5	3/8	51	2	R32-51B3B-383	44802
		BAL	6	10	13/32	3	9.5	3/8	54	2-1/8	R32-54B3B-3360	44197
		HEM	6	10	13/32	3	10	13/32	57	2-1/4	R32-57B3-1283	44730
		BAL	6	10	13/32	3	10	13/32	57	2-1/4	R32-57B3B-1539	44791
		HEM	6	11	7/16	3	11	7/16	64	2-1/2	R32-64B3-1471	44544
		BAL	6	11	7/16	3	11	7/16	64	2-1/2	R32-64B3B-1540	44570
6		CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
		HEM	6	9	11/32	3	7	9/32	43	1-11/16	R32-43B6-3460	44175
		CP	6	9	11/32	3	7	9/32	43	1-11/16	R32-43B6CP-3257	44218
		HEM	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B6-3039	44247
		CP	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B6CP-3040	44249
		BAL	6	10	13/32	3	8	5/16	45	1-3/4	R32-45B6B-3041	44248
		HEM	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B6-3066	44230
		CP	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B6CP-3112	44219
		BAL	6	10	13/32	3	8	5/16	48	1-7/8	R32-48B6B-3197	44231
7		CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
		HEM	8	10	13/32	4	10	13/32	64	2-1/2	R32-64BF-011	44571
		BAL	8	10	13/32	4	10	13/32	64	2-1/2	R32-64BFB-1392	44572
8		CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
		HEM	8	11	7/16	6	11	7/16	76	3	R32-76BF-017	44731
		BAL	8	11	7/16	6	11	7/16	76	3	R32-76BFB-1544	44725
9		CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
		HEM	6	10	13/32	3	10	13/32	64	2-1/2	R32-64BDC-1456	44573
		BAL	6	10	13/32	3	10	13/32	64	2-1/2	R32-64BDCB-1457	44574
		HEM	6	12.7	1/2	3	11	7/16	76	3	R32-76BDC-777	44577
		BAL	6	12.7	1/2	3	11	7/16	76	3	R32-76BDCB-775	44578
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	R32-89BDC-1250	44579
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	R32-89BDCB-1362	44580
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	R32-89BDC-1250	44579
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	R32-89BDCB-1362	44580

CARBIDE PROFILE DESIGNS

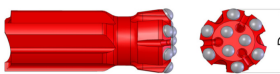
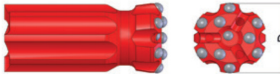
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R32 1-1/4" ROPE THREAD (CONTINUED)

NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
10		HEM	6	9	11/32	3	9	11/32	48	1-7/8	R32-48BFRT-1763	44540
		BAL	6	9	11/32	3	9	11/32	48	1-7/8	R32-48BFRTB-1742	44542
		HEM	6	10	13/32	3	9.5	3/8	51	2	R32-51BFRT-1331	41174
		BAL	6	10	13/32	3	9.5	3/8	51	2	R32-51BFRTB-1486	44758
		BAL	6	10	13/32	3	9.5	3/8	54	2-1/8	R32-54BFRTB-3276	44216
		HEM	6	10	13/32	3	10	13/32	57	2-1/4	R32-57BFRT-1337	41173
		BAL	6	10	13/32	3	10	13/32	57	2-1/4	R32-57BFRTB-1546	44806
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
11		HEM	8	10	13/32	4	10	13/32	64	2-1/2	R32-64BFRT-2634	44666
		BAL	8	10	13/32	4	10	13/32	64	2-1/2	R32-64BFRTB-2331	44780
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
12		HEM	8	11	7/16	6	11	7/16	76	3	R32-76BFRT-2635	44732
		BAL	8	11	7/16	6	11	7/16	76	3	R32-76BFRTB-2339	44873
NO.	DROP CENTER - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
13		HEM	6	10	13/32	3	10	13/32	64	2-1/2	R32-64BRTDC-2636	44874
						1	9	11/32				
		BAL	6	10	13/32	3	10	13/32	64	2-1/2	R32-64BRTDCB-2637	44875
						1	9	11/32				
		HEM	6	12.7	1/2	3	11	7/16	76	3	R32-76BRTDC-4082	44799
					1	9.5	3/8					
NO.	DROP CENTER - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
14		HEM	8	11	7/16	4	11	7/16	89	3-1/2	R32-89BRTDC-3895	41192
						2	9.5	3/8				
		CON	8	11	7/16	4	11	7/16	89	3-1/2	R32-89BRTDCC-3000	41185
					2	9.5	3/8					

XR32 1-1/4" ROPE THREAD (ROCKMORE XR32 THREAD SYSTEM)

NO.	B3 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
1		HEM	6	10	13/32	3	8	5/16	45	1-3/4	XR32-45B3-2518	44269
		BAL	6	10	13/32	3	8	5/16	45	1-3/4	XR32-45B3B-2448	44270
NO.	B6 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2		HEM	6	10	13/32	3	8	5/16	45	1-3/4	XR32-45B6-3062	44244
		BAL	6	10	13/32	3	8	5/16	45	1-3/4	XR32-45B6B-3198	44245
		HEM	6	10	13/32	3	8	5/16	48	1-7/8	XR32-48B6-3411	44184
		BAL	6	10	13/32	3	8	5/16	48	1-7/8	XR32-48B6B-3410	44185

CARBIDE PROFILE DESIGNS

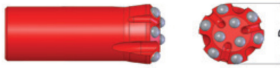
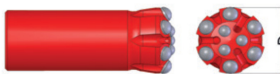


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 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R35 1-3/8" ROPE THREAD

NO.	B2 DESIGN  1 FRONT FLUSHING HOLE	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
		DESIGN	No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
1		HEM	5	11	7/16	2	9	11/32	48	1-7/8	R35-48B2-3485	44454
		BAL	5	11	7/16	2	9	11/32	48	1-7/8	R35-48B2B-3701	44123
		HEM	5	12.7	1/2	2	9.5	3/8	51	2	R35-51B2-1934	44455
		BAL	5	12.7	1/2	2	9.5	3/8	51	2	R35-51B2B-1894	44268
NO.	B3 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
		DESIGN	No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2		BAL	6	10	13/32	3	8	5/16	45	1-3/4	R35-45B3B-3527	44151
		HEM	6	9	11/32	3	9	11/32	48	1-7/8	R35-48B3-1574	44833
		BAL	6	9	11/32	3	9	11/32	48	1-7/8	R35-48B3B-1662	44911
		BAL	6	10	13/32	3	8	5/16	48	1-7/8	R35-48B3B-2129	44381
		HEM	6	10	13/32	3	9.5	3/8	51	2	R35-51B3-1576	44834
		BAL	6	10	13/32	3	9.5	3/8	51	2	R35-51B3B-1671	44913
		BAL	6	10	13/32	3	10	13/32	57	2-1/4	R35-57B3B-4083	44479
NO.	B6 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
		DESIGN	No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3		BAL	6	10	13/32	3	8	5/16	45	1-3/4	R35-45B6B-3505	44159
		HEM	6	10	13/32	3	8	5/16	48	1-7/8	R35-48B6-3483	44171
		CP	6	10	13/32	3	8	5/16	48	1-7/8	R35-48B6CP-3121	44240

CARBIDE PROFILE DESIGNS

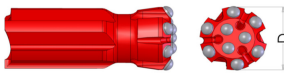
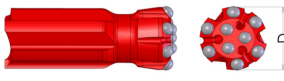
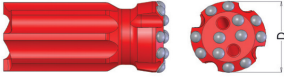
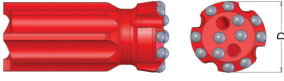
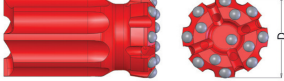
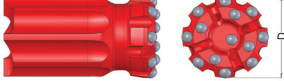
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

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THREADED BITS



T35 1-3/8"

NO.	B3  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
1	 3 FRONT FLUSHING HOLES	HEM	6	10	13/32	3	9.5	3/8	54	2-1/8	T35-54B3-3560	41140
		BAL	6	10	13/32	3	9.5	3/8	54	2-1/8	T35-54B3B-4084	41141
		HEM	6	10	13/32	3	10	13/32	57	2-1/4	T35-57B3-3558	41144
		BAL	6	11	7/16	3	10	13/32	57	2-1/4	T35-57B3B-4085	41145
NO.	FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2	 3 FRONT FLUSHING HOLES	HEM	6	10	13/32	3	9.5	3/8	54	2-1/8	T35-54BFRT-3561	41142
		BAL	6	10	13/32	3	9.5	3/8	54	2-1/8	T35-54BFRTB-4041	41143
		HEM	6	10	13/32	3	10	13/32	57	2-1/4	T35-57BFRT-3559	41146
		BAL	6	11	7/16	3	10	13/32	57	2-1/4	T35-57BFRTB-4042	41147
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3	 2 FRONT FLUSHING HOLES	BAL	8	10	13/32	4	10	13/32	64	2-1/2	T35-64BFRTB-4314	16011
NO.	DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
4	 4 FRONT FLUSHING HOLES	BAL	8	11	7/16	4	10	13/32	76	3	T35-76BRTDCB-4315	16013
						1	10	13/32				
NO.	DROP CENTER - XTRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
5	 3 FRONT FLUSHING HOLES	HEM	6	10	13/32	3	9	11/32	60	2-3/8	T35-60BRTDC-4273	16081
						1	9	11/32				

CARBIDE PROFILE DESIGNS

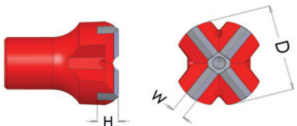
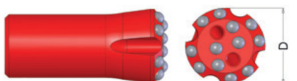
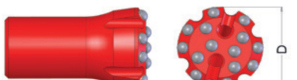
					
Hemispherical	MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



R38 1-1/2" ROPE THREAD

NO.	X MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
1		12	15/32	20.6	13/16	64	2-1/2	R38-64X-352	49653			
		12.7	1/2	25	1	70	2-3/4	R38-70XHD-422	49621			
		12.7	1/2	25	1	76	3	R38-76XHD-427	49622			
		12.7	1/2	25	1	89	3-1/2	R38-89XHD-425	49623			
		16	5/8	25	1	102	4	R38-102XHD-426	49663			
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2		HEM	8	10	13/32	4	10	13/32	64	2-1/2	R38-64BF-747	44687
		BAL	8	10	13/32	4	10	13/32	64	2-1/2	R38-64BFB-1552	44876
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3		HEM	8	11	7/16	6	11	7/16	76	3	R38-76BF-1436	44682
		BAL	8	11	7/16	6	11	7/16	76	3	R38-76BFB-1553	44877
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	R38-89BF-1554	44508
		BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	R38-89BFB-1555	44878
		HEM	8	14	9/16	6	14	9/16	102	4	R38-102BF-1385	44630
		BAL	8	14	9/16	6	14	9/16	102	4	R38-102BFB-1556	44879
NO.	DROP CENTER	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
4		HEM	6	10	13/32	3	10	13/32	64	2-1/2	R38-64BDC-1557	44880
		BAL	6	10	13/32	3	10	13/32	64	2-1/2	R38-64BDCB-1558	44881
		HEM	6	11	7/16	3	11	7/16	70	2-3/4	R38-70BDC-181	44575
		BAL	6	11	7/16	3	11	7/16	70	2-3/4	R38-70BDCB-933	44576
		HEM	6	12.7	1/2	3	11	7/16	76	3	R38-76BDC-429	44559
		BAL	6	12.7	1/2	3	11	7/16	76	3	R38-76BDCB-776	44560
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	R38-89BDC-905	44561
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	R38-89BDCB-872	44562

CARBIDE PROFILE DESIGNS

					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
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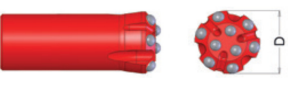
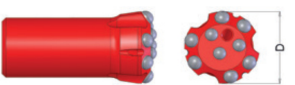
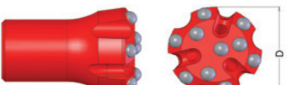
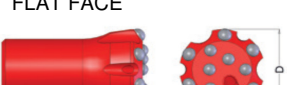
THREADED BITS



T38 1-1/2"

These bits are available optionally in XT38 thread for use in Rockmore's Vector Rod System.



NO.	X MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		W		H		D		USA	AUSTRIA
		mm	In.	mm	In.	mm	In.		
1	 1 FRONT FLUSHING HOLE	12	15/32	20.6	13/16	64	2-1/2	T38-64X-215	49644
		12.7	1/2	25	1	70	2-3/4	T38-70XHD-152	49627
		12.7	1/2	25	1	76	3	T38-76XHD-154	49628
		12.7	1/2	25	1	89	3-1/2	T38-89XHD-155	49629
		16	5/8	25	1	102	4	T38-102XHD-837	49689
NO.	B3 DESIGN	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
2	 3 FRONT FLUSHING HOLES	HEM	6	10	13/32	3	10	13/32	T38-57B3-1563
		BAL	6	10	13/32	3	10	13/32	T38-70B3B-1564
		HEM	6	11	7/16	3	11	7/16	T38-64B3-1470
		HEM	6	12.7	1/2	3	11	7/16	T38-64B3-2383
		BAL	6	11	7/16	3	11	7/16	T38-64B3B-1565
NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
3	 1 FRONT FLUSHING HOLE	HEM	6	11	7/16	3	9.5	3/8	T38-57BF-316
		HEM	6	12.7	1/2	3	11	7/16	T38-64BF-692
		CP	6	12.7	1/2	3	11	7/16	T38-64BF-2542
		BAL	6	12.7	1/2	3	12.7	1/2	T38-64BFB-1413
NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
4	 3 FRONT FLUSHING HOLES	HEM	6	12.7	1/2	3	12.7	1/2	T38-76BF-2396
		BAL	6	12.7	1/2	3	12.7	1/2	T38-76BFB-2631
		HEM	6	14	9/16	4	14	9/16	T38-89BF-2633
		BAL	6	14	9/16	4	14	9/16	T38-89BFB-2671
NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
5	 1 FRONT FLUSHING HOLE	HEM	6	12.7	1/2	5	11	7/16	T38-70BF-1223
		HEM	6	12.7	1/2	5	11	7/16	T38-76BF-1290
		BAL	6	12.7	1/2	5	11	7/16	T38-76BFB-1326
		CON	6	12.7	1/2	5	11	7/16	T38-76BFC-2169
NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
6	 2 FRONT FLUSHING HOLES	HEM	8	10	13/32	4	10	13/32	T38-64BF-020
		BAL	8	10	13/32	4	10	13/32	T38-64BFB-280
		HEM	8	10	13/32	4	10	13/32	T38-70BF-1187
NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER	
		GAUGE NO. X DIA.			FRONT NO. X DIA.			D	
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	PART NUMBER
7	 4 FRONT FLUSHING HOLES	HEM	8	12.7	1/2	5	10	13/32	T38-76BF-3302

CARBIDE PROFILE DESIGNS



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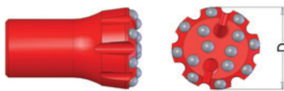
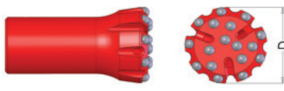
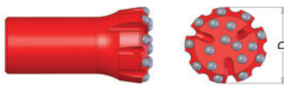
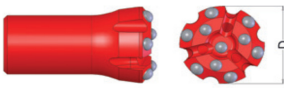
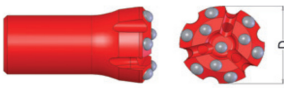
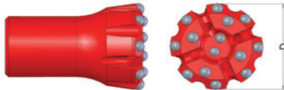
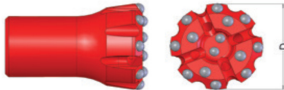
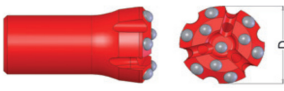
THREADED BITS



T38 1-1/2" (CONTINUED)

These bits are available optionally in XT38 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
8	2 FRONT FLUSHING HOLES		HEM	8	11	7/16	6	11	7/16	76	3	T38-76BF-027	44681
			BAL	8	11	7/16	6	11	7/16	76	3	T38-76BFB-846	44680
			HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T38-89BF-1292	44510
			HEM	8	14	9/16	6	12.7	1/2	89	3-1/2	T38-89BF-2505	44134
			BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T38-89BFB-1445	44695
			HEM	8	14	9/16	6	14	9/16	102	4	T38-102BF-1361	44631
			BAL	8	14	9/16	6	14	9/16	102	4	T38-102BFB-1446	44620
			HEM	8	16	5/8	6	14	9/16	115	4-1/2	T38-115BF-1448	44790
NO.	FLAT FACE		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
9	3 FRONT FLUSHING HOLES		HEM	9	11	7/16	8	10	13/32	89	3-1/2	T38-89BF-1484	44860
			BAL	9	11	7/16	8	10	13/32	89	3-1/2	T38-89BFB-1566	44888
			HEM	9	12.7	1/2	8	12.7	1/2	102	4	T38-102BF-1567	44889
			BAL	9	12.7	1/2	8	12.7	1/2	102	4	T38-102BFB-1568	44890
			HEM	9	14	9/16	9	12.7	1/2	115	4-1/2	T38-115BF-1569	44891
NO.	DROP CENTER		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
10	3 FRONT FLUSHING HOLES		HEM	6	10	13/32	3	10	13/32	64	2-1/2	T38-64BDC-1454	44518
							1	9	11/32				
			BAL	6	10	13/32	3	10	13/32	64	2-1/2	T38-64BDCB-1455	44519
							1	9	11/32				
			HEM	6	11	7/16	3	11	7/16	70	2-3/4	T38-70BDC-025	44520
							1	9.5	3/8				
			BAL	6	11	7/16	3	11	7/16	70	2-3/4	T38-70BDCB-656	44521
							1	9.5	3/8				
			HEM	6	12.7	1/2	3	11	7/16	76	3	T38-76BDC-028	44714
							1	9.5	3/8				
CP	6	12.7	1/2	3	11	7/16	76	3	T38-76BDCCP-2420	44722			
				1	9.5	3/8							
BAL	6	12.7	1/2	3	11	7/16	76	3	T38-76BDCB-1462	44859			
				1	9.5	3/8							
HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T38-89BDC-799	44522			
				2	9.5	3/8							
BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T38-89BDCB-1464	44523			
				2	9.5	3/8							
NO.	DROP CENTER		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
11	4 FRONT FLUSHING HOLES		HEM	8	11	7/16	4	10	13/32	76	3	T38-76BDC-1149	44604
							1	10	13/32				
			BAL	8	11	7/16	4	10	13/32	76	3	T38-76BDCB-1319	44605
							1	10	13/32				
			HEM	8	11	7/16	4	11	7/16	89	3-1/2	T38-89BDC-1143	44606
							2	9.5	3/8				
			BAL	8	11	7/16	4	11	7/16	89	3-1/2	T38-89BDCB-1321	44607
				2	9.5	3/8							
HEM	8	14	9/16	4	12.7	1/2	102	4	T38-102BDC-1365	44608			
				3	11	7/16							
BAL	8	14	9/16	4	12.7	1/2	102	4	T38-102BDCB-1450	44609			
				3	11	7/16							

CARBIDE PROFILE DESIGNS



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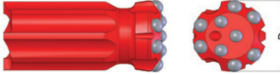
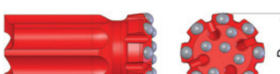
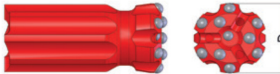
THREADED BITS



T38 1-1/2" (CONTINUED)

These bits are available optionally in XT38 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE - RETRAC  1 FRONT FLUSHING HOLE	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
12		HEM	6	11	7/16	3	9.5	3/8	57	2-1/4	T38-57BFRT-2401	44035
		HEM	6	12.7	1/2	3	11	7/16	64	2-1/2	T38-64BFRT-2145	41175
NO.	FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
13		HEM	6	12.7	1/2	3	11	7/16	64	2-1/2	T38-64BFRT-3119	44153
		HEM	6	12.7	1/2	3	12.7	1/2	76	3	T38-76BFRT-2672	44316
		BAL	6	12.7	1/2	3	12.7	1/2	76	3	T38-76BFRTB-2673	44317
		HEM	6	14	9/16	4	14	9/16	89	3-1/2	T38-89BFRT-2674	44318
		BAL	6	14	9/16	4	14	9/16	89	3-1/2	T38-89BFRTB-2675	44319
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
14		HEM	8	10	13/32	4	10	13/32	64	2-1/2	T38-64BFRT-2126	44686
		BAL	8	10	13/32	4	10	13/32	64	2-1/2	T38-64BFRTB-2108	44669
NO.	FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
15		HEM	8	12.7	1/2	5	10	13/32	76	3	T38-76BFRT-3274	44132
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
16		HEM	8	11	7/16	6	11	7/16	76	3	T38-76BFRT-2187	44685
		BAL	8	11	7/16	6	11	7/16	76	3	T38-76BFRTB-1925	44655
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T38-89BFRT-2114	41129
		HEM	8	14	9/16	6	12.7	1/2	89	3-1/2	T38-89BFRT-3611	44135
		BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T38-89BFRTB-2121	44892
		HEM	8	14	9/16	6	14	9/16	102	4	T38-102BFRT-2244	44893
		BAL	8	14	9/16	6	14	9/16	102	4	T38-102BFRTB-2638	44894
NO.	DROP CENTER - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
17		HEM	6	10	13/32	3	10	13/32	64	2-1/2	T38-64BRTDC-2107	44850
						1	9	11/32				
		BAL	6	10	13/32	3	10	13/32	64	2-1/2	T38-64BRTDCB-194	44846
						1	9	11/32				
		HEM	6	11	7/16	3	11	7/16	70	2-3/4	T38-70BRTDC-2639	44895
						1	9.5	3/8				
		BAL	6	11	7/16	3	11	7/16	70	2-3/4	T38-70BRTDCB-2640	44896
						1	9.5	3/8				
		HEM	6	12.7	1/2	3	11	7/16	76	3	T38-76BRTDC-2641	44600
						1	9.5	3/8				
		BAL	6	12.7	1/2	3	11	7/16	76	3	T38-76BRTDCB-2475	44601
						1	9.5	3/8				
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T38-89BRTDC-2630	44971
						2	9.5	3/8				
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T38-89BRTDCB-2476	44972
						2	9.5	3/8				

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



T38 1-1/2" (CONTINUED)

These bits are available optionally in XT38 thread for use in Rockmore's Vector Rod System.



NO.	DROP CENTER - XTRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
		DESIGN	No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
18		HEM	6	12.7	1/2	3	9	11/32	64	2-1/2	T38-64BRTDC-4185	16082
						1	9	11/32				
NO.	DROP CENTER - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
		DESIGN	No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
19		HEM	8	11	7/16	4	10	13/32	76	3	T38-76BRTDC-2142	44751
						1	10	13/32				
		BAL	8	11	7/16	4	10	13/32	76	3	T38-76BRTDCB-865	44828
						1	10	13/32				
		HEM	8	11	7/16	4	11	7/16	89	3-1/2	T38-89BRTDC-2642	44897
						2	9.5	3/8				
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	T38-89BRTDCB-2643	44898
				2	9.5	3/8						
	HEM	8	14	9/16	4	12.7	1/2	102	4	T38-102BRTDC-2532	44899	
				3	11	7/16						
	BAL	8	14	9/16	4	12.7	1/2	102	4	T38-102BRTDCB-2644	44900	
				3	11	7/16						

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



T45 1-3/4"

These bits are available optionally in XT45 thread for use in Rockmore's Vector Rod System.



NO.	X MULTI - USE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		W		H		D						
		mm	In.	mm	In.	mm	In.	USA	AUSTRIA			
		12.7	1/2	25	1	76	3	T45-76XHD-312	49634			
		12.7	1/2	25	1	89	3-1/2	T45-89XHD-353	49635			
		16	5/8	25	1	102	4	T45-102XHD-305	49642			
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	6	12.7	1/2	3	12.7	1/2	76	3	T45-76BF-2395	44341
		BAL	6	12.7	1/2	3	12.7	1/2	76	3	T45-76BFB-2632	44320
		HEM	6	14	9/16	4	14	9/16	89	3-1/2	T45-89BF-1947	44401
		BAL	6	14	9/16	4	14	9/16	89	3-1/2	T45-89BFB-1948	44402
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	8	12.7	1/2	5	10	13/32	76	3	T45-76BF-3267	44220
		BAL	8	12.7	1/2	5	10	13/32	76	3	T45-76BFB-3850	41156
		BAL	8	12.7	1/2	5	12.7	1/2	89	3-1/2	T45-89BFB-3614	44040
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T45-89BF-3959	41157
		HEM	8	14	9/16	6	12.7	1/2	102	4	T45-102BF-4006	44016
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	8	11	7/16	6	11	7/16	76	3	T45-76BF-040	44693
		BAL	8	11	7/16	6	11	7/16	76	3	T45-76BFB-274	44774
		HEM	8	12.7	1/2	6	11	7/16	82	3-1/4	T45-82BF-2797	44456
		BAL	8	12.7	1/2	6	11	7/16	82	3-1/4	T45-82BFB-2124	44388
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T45-89BF-1157	44553
		HEM	8	14	9/16	6	12.7	1/2	89	3-1/2	T45-89BF-2585	44696
		BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T45-89BFB-1327	44663
		HEM	8	14	9/16	6	14	9/16	102	4	T45-102BF-1057	44635
		BAL	8	14	9/16	6	14	9/16	102	4	T45-102BFB-1447	44634
		HEM	8	16	5/8	6	14	9/16	115	4-1/2	T45-115BF-1449	44557
		HEM	8	16	5/8	8	14	9/16	127	5	T45-127BF-328	44773
		BAL	8	16	5/8	8	16	5/8	152	6	T45-152BFB-3278	45761
NO.	FLAT FACE	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.		FRONT NO. X DIA.		D					
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	9	11	7/16	8	10	13/32	89	3-1/2	T45-89BF-1459	44853
		BAL	9	11	7/16	8	10	13/32	89	3-1/2	T45-89BFB-1580	44854
		HEM	9	12.7	1/2	8	12.7	1/2	102	4	T45-102BF-1460	44861
		BAL	9	12.7	1/2	8	12.7	1/2	102	4	T45-102BFB-1581	44862
		HEM	9	14	9/16	9	12.7	1/2	115	4-1/2	T45-115BF-1582	44901
		HEM	9	14	9/16	9	14	9/16	127	5	T45-127BF-1583	44902

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

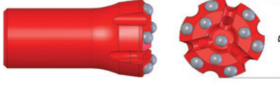
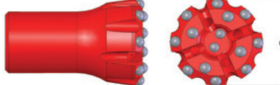
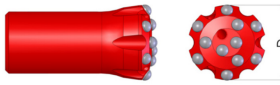
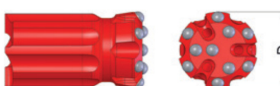
THREADED BITS



T45 1-3/4" (CONTINUED)

These bits are available optionally in XT45 thread for use in Rockmore's Vector Rod System.



NO.	DROP CENTER	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
7		HEM	6	11	7/16	3	11	7/16	70	2-3/4	T45-70BDC-932	44591
		BAL	6	11	7/16	3	11	7/16	70	2-3/4	T45-70BDCB-175	44592
		HEM	6	12.7	1/2	3	11	7/16	76	3	T45-76BDC-042	44744
		BAL	6	12.7	1/2	3	11	7/16	76	3	T45-76BDCB-1463	44781
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T45-89BDC-048	44593
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T45-89BDCB-1465	44594
3 FRONT FLUSHING HOLES												
NO.	DROP CENTER	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
8		HEM	8	11	7/16	4	10	13/32	76	3	T45-76BDC-1148	44863
		BAL	8	11	7/16	4	10	13/32	76	3	T45-76BDCB-1316	44864
		HEM	8	11	7/16	4	11	7/16	83	3-1/4	T45-83BDC-2938	44260
		BAL	8	11	7/16	4	11	7/16	83	3-1/4	T45-83BDCB-2939	44261
		HEM	8	11	7/16	4	11	7/16	89	3-1/2	T45-89BDC-1142	44818
		HEM	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T45-89BDC-3987	44008
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	T45-89BDCB-1318	44819
		BAL	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T45-89BDCB-3995	44004
		HEM	8	14	9/16	4	12.7	1/2	102	4	T45-102BDC-1131	44820
		BAL	8	14	9/16	4	12.7	1/2	102	4	T45-102BDCB-1451	44865
		HEM	8	14	9/16	4	14	9/16	115	4-1/2	T45-115BDC-329	44866
		BAL	8	14	9/16	3	12.7	1/2				
4 FRONT FLUSHING HOLES												
NO.	SEMI DOME	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
9		HEM	6	11	7/16	5	11	7/16	70	2-3/4	T45-70BSD-597	44524
		BAL	6	11	7/16	5	11	7/16	70	2-3/4	T45-70BSD-977	44525
		HEM	6	11	7/16	5	11	7/16	76	3	T45-76BSD-338	44526
		BAL	6	11	7/16	5	11	7/16	76	3	T45-76BSD-271	44998
		HEM	6	14	9/16	5	12.7	1/2	89	3-1/2	T45-89BSD-307	44595
		BAL	6	14	9/16	5	12.7	1/2	89	3-1/2	T45-89BSD-785	44596
1 FRONT FLUSHING HOLE												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
10		HEM	6	12.7	1/2	3	12.7	1/2	76	3	T45-76BFRT-2676	44311
		BAL	6	12.7	1/2	3	12.7	1/2	76	3	T45-76BFRTB-2677	44312
		HEM	6	14	9/16	4	14	9/16	89	3-1/2	T45-89BFRT-2645	44403
		BAL	6	14	9/16	4	14	9/16	89	3-1/2	T45-89BFRTB-2646	44404
3 FRONT FLUSHING HOLES												

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

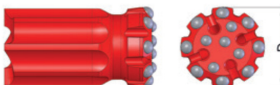
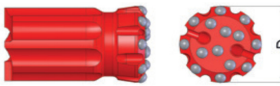
THREADED BITS



T45 1-3/4" (CONTINUED)

These bits are available optionally in XT45 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
11		HEM	8	12.7	1/2	5	10	13/32	76	3	T45-76BFRT-3282	44133	
		HEM	8	12.7	1/2	5	12.7	1/2	89	3-1/2	T45-89BFRT-4088	44144	
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
12		HEM	8	11	7/16	6	11	7/16	76	3	T45-76BFRT-1923	44684	
		BAL	8	11	7/16	6	11	7/16	76	3	T45-76BFRTB-1924	44692	
		BAL	8	12.7	1/2	6	11	7/16	82	3-1/4	T45-82BFRTB-2246	44384	
		CON	8	12.7	1/2	6	11	7/16	82	3-1/4	T45-82BFRTC-4087	44331	
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T45-89BFRT-2097	44622	
		HEM	8	14	9/16	6	12.7	1/2	89	3-1/2	T45-89BFRT-2577	44399	
		BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T45-89BFRTB-2043	44654	
		HEM	8	14	9/16	6	14	9/16	102	4	T45-102BFRT-2045	44641	
		BAL	8	14	9/16	6	14	9/16	102	4	T45-102BFRTB-327	44657	
		HEM	8	16	5/8	6	14	9/16	115	4-1/2	T45-115BFRT-2546	44554	
		HEM	8	16	5/8	8	14	9/16	127	5	T45-127BFRT-2647	44903	
NO.	DROP CENTER - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
13		HEM	6	11	7/16	3	11	7/16	70	2-3/4	T45-70BRTDC-2648	44904	
					1	9.5	3/8						
		BAL	6	11	7/16	3	11	7/16	70	2-3/4	T45-70BRTDCB-2649	44905	
					1	9.5	3/8						
		HEM	6	12.7	1/2	3	11	7/16	76	3	T45-76BRTDC-2175	44552	
					1	9.5	3/8						
14		BAL	6	12.7	1/2	3	11	7/16	76	3	T45-76BRTDCB-2411	44906	
					1	9.5	3/8						
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T45-89BRTDC-2241	44973	
					2	9.5	3/8						
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T45-89BRTDCB-2313	44974	
					2	9.5	3/8						
NO.	DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
14		HEM	8	11	7/16	4	10	13/32	76	3	T45-76BRTDC-1926	44814	
					1	10	13/32						
		BAL	8	11	7/16	4	10	13/32	76	3	T45-76BRTDCB-862	44822	
					1	10	13/32						
		HEM	8	11	7/16	4	11	7/16	89	3-1/2	T45-89BRTDC-1927	44801	
					2	9.5	3/8						
		HEM	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T45-89BRTDC-4001	41135	
					1	12.7	1/2						
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	T45-89BRTDCB-861	44745	
					2	9.5	3/8						
		BAL	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T45-89BRTDCB-4002	41136	
					1	12.7	1/2						
	HEM	8	14	9/16	4	12.7	1/2	102	4	T45-102BRTDC-2484	44907		
				3	11	7/16							
	BAL	8	14	9/16	4	12.7	1/2	102	4	T45-102BRTDCB-21	44823		
				3	11	7/16							
	HEM	8	14	9/16	4	14	9/16	115	4-1/2	T45-115BRTDC-2650	44556		
				3	12.7	1/2							
	HEM	8	16	5/8	4	16	5/8	127	5	T45-127BRTDC-2651	44995		
				3	12.7	1/2							

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

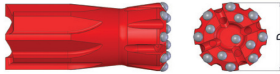
THREADED BITS



T45 1-3/4" (CONTINUED)

These bits are available optionally in XT45 thread for use in Rockmore's Vector Rod System.



NO.	DROP CENTER - XTRAC	CARBIDE DIMENSIONS						DIAMETER				
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
15		HEM	8	11	7/16	4 1	10 10	13/32 13/32	76	3	T45-76BRTDC-4214	16083
		BAL	8	11	7/16	4 1	10 10	13/32 13/32	76	3	T45-76BRTDCB-4052	41197
		HEM	8	12.7	1/2	4 1	12.7 12.7	1/2 1/2	89	3-1/2	T45-89BRTDC-3919	16084
		BAL	8	12.7	1/2	4 1	12.7 12.7	1/2 1/2	89	3-1/2	T45-89BRTDCB-3989	41198
		4 FRONT FLUSHING HOLES										

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



T51 2"

These bits are available optionally in XT51 thread for use in Rockmore's Vector Rod System.



NO.	X MULTI - USE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		W		H		D		USA	AUSTRIA
		mm	In.	mm	In.	mm	In.		
1		12.7	1/2	25	1	89	3-1/2	T51-89XHD-911	49636
		16	5/8	25	1	102	4	T51-102XHD-182	49693
		16	5/8	25	1	115	4-1/2	T51-115XHD-157	49694
NO.	FLAT FACE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	
2		HEM	6	14	9/16	4	14	9/16	89 3-1/2 T51-89BF-1951 44405
		BAL	6	14	9/16	4	14	9/16	89 3-1/2 T51-89BFB-1952 44406
NO.	FLAT FACE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	
3		HEM	8	12.7	1/2	6	11	7/16	82 3-1/4 T51-82BF-1887 44457
		BAL	8	12.7	1/2	6	11	7/16	82 3-1/4 T51-82BFB-2123 44389
		HEM	8	12.7	1/2	6	11	7/16	85 3-3/8 T51-85BF-1889 44443
		BAL	8	12.7	1/2	6	11	7/16	85 3-3/8 T51-85BFB-2360 44343
		HEM	8	12.7	1/2	6	12.7	1/2	89 3-1/2 T51-89BF-1328 44638
		BAL	8	12.7	1/2	6	12.7	1/2	89 3-1/2 T51-89BFB-1317 44765
		CON	8	12.7	1/2	6	12.7	1/2	89 3-1/2 T51-89BFC-3796 44055
		HEM	8	14	9/16	6	14	9/16	102 4 T51-102BF-1330 44639
		BAL	8	14	9/16	6	14	9/16	102 4 T51-102BFB-1452 44762
		HEM	8	16	5/8	6	14	9/16	115 4-1/2 T51-115BF-1590 44640
		BAL	8	16	5/8	6	14	9/16	115 4-1/2 T51-115BFB-1444 44558
		HEM	8	16	5/8	8	14	9/16	127 5 T51-127BF-1591 44642
		HEM	8	16	5/8	8	16	5/8	140 5-1/2 T51-140BF-1699 44988
NO.	FLAT FACE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	
4		HEM	8	12.7	1/2	5	12.7	1/2	89 3-1/2 T51-89BF-3575 44017
		HEM	8	14	9/16	6	12.7	1/2	102 4 T51-102BF-1836 44467
		BAL	8	14	9/16	6	12.7	1/2	102 4 T51-102BFB-1837 44468
NO.	FLAT FACE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	
5		HEM	8	14	9/16	7	14	9/16	115 4-1/2 T51-115BF-1740 44970
		BAL	8	14	9/16	7	14	9/16	115 4-1/2 T51-115BFB-1838 44469
		HEM	8	16	5/8	7	14	9/16	121 4-3/4 T51-121BF-4090 44250
		BAL	8	16	5/8	7	14	9/16	121 4-3/4 T51-121BFB-4091 44251
		HEM	8	16	5/8	8	14	9/16	127 5 T51-127BF-1839 44470
NO.	FLAT FACE 	CARBIDE DIMENSIONS				DIAMETER		PART NUMBER	
		GAUGE NO. X DIA.		FRONT NO. X DIA.		D		USA	AUSTRIA
		CARBIDE DESIGN	No.	mm	In.	No.	mm	In.	
6		HEM	9	11	7/16	8	10	13/32	89 3-1/2 T51-89BF-1389 44855
		BAL	9	11	7/16	8	10	13/32	89 3-1/2 T51-89BFB-1592 44856
		HEM	9	12.7	1/2	8	12.7	1/2	102 4 T51-102BF-1516 44857
		BAL	9	12.7	1/2	8	12.7	1/2	102 4 T51-102BFB-1594 44858
		HEM	9	14	9/16	9	12.7	1/2	115 4-1/2 T51-115BF-1476 44909
		HEM	9	14	9/16	9	14	9/16	127 5 T51-127BF-1477 44910

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

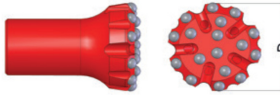
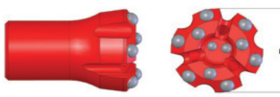
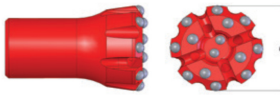
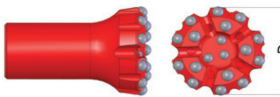
THREADED BITS



T51 2" (CONTINUED)

These bits are available optionally in XT51 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
7		HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	T51-115BF-3636	44080
		HEM	10	16	5/8	7	16	5/8	127	5	T51-127BF-3637	44081
		HEM	10	16	5/8	8	16	5/8	140	5-1/2	T51-140BF-3638	44082
NO.	DROP CENTER  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
8		HEM	6	12.7	1/2	3	11	7/16	76	3	T51-76BDC-2610	44307
					1	9.5	3/8					
		BAL	6	12.7	1/2	3	11	7/16	76	3	T51-76BDCB-2621	44308
					1	9.5	3/8					
		HEM	6	12.7	1/2	3	11	7/16	80	3-1/8	T51-80BDC-255	44309
					2	9.5	3/8					
		BAL	6	12.7	1/2	3	11	7/16	80	3-1/8	T51-80BDCB-2678	44310
					2	9.5	3/8					
		HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T51-89BDC-1597	44871
					2	9.5	3/8					
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T51-89BDCB-1595	44872
					2	9.5	3/8					
NO.	DROP CENTER  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
9		HEM	8	11	7/16	4	11	7/16	89	3-1/2	T51-89BDC-1329	44760
					2	9.5	3/8					
		HEM	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T51-89BDC-3934	44007
					1	12.7	1/2					
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	T51-89BDCB-1308	44759
					2	9.5	3/8					
		BAL	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T51-89BDCB-3999	44003
					1	12.7	1/2					
		HEM	8	14	9/16	4	12.7	1/2	102	4	T51-102BDC-1325	44764
					3	11	7/16					
		BAL	8	14	9/16	4	12.7	1/2	102	4	T51-102BDCB-1305	44763
					3	11	7/16					
		HEM	8	14	9/16	4	14	9/16	115	4-1/2	T51-115BDC-260	44610
					3	12.7	1/2					
		BAL	8	14	9/16	4	14	9/16	115	4-1/2	T51-115BDCB-051	44611
					3	12.7	1/2					
		HEM	8	16	5/8	4	16	5/8	127	5	T51-127BDC-2001	44849
					3	12.7	1/2					
		BAL	8	16	5/8	4	16	5/8	127	5	T51-127BDCB-900	44870
					3	12.7	1/2					
	HEM	8	16	5/8	4	16	5/8	140	5-1/2	T51-140BDC-1440	44989	
				4	14	9/16						
NO.	DROP CENTER, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
10		HEM	10	14	9/16	5	12.7	1/2	115	4-1/2	T51-115BDC-3639	44086
					3	12.7	1/2					
		HEM	10	16	5/8	5	16	5/8	127	5	T51-127BDC-3640	44087
					3	12.7	1/2					
	HEM	10	16	5/8	5	16	5/8	140	5-1/2	T51-140BDC-3641	44088	
					4	14	9/16					

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

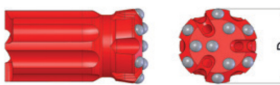
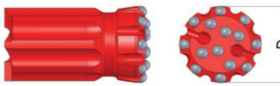
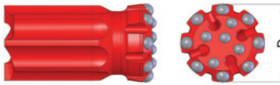
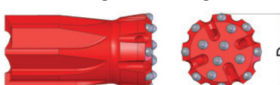
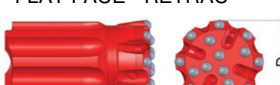
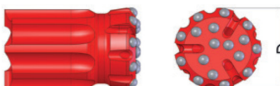
THREADED BITS



T51 2" (CONTINUED)

These bits are available optionally in XT51 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE - RETRAC 	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
11		HEM	6	14	9/16	4	14	9/16	89	3-1/2	T51-89BFRT-2652	44407
		BAL	6	14	9/16	4	14	9/16	89	3-1/2	T51-89BFRTB-2653	44408
12	FLAT FACE - RETRAC 	BAL	8	12.7	1/2	6	11	7/16	82	3-1/4	T51-82BFRTB-2136	44386
		CON	8	12.7	1/2	6	11	7/16	82	3-1/4	T51-82BFRTC-4092	44770
		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T51-89BFRT-2176	44645
		BAL	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T51-89BFRTB-2007	44691
		CON	8	12.7	1/2	6	12.7	1/2	89	3-1/2	T51-89BFRTC-2189	44496
		HEM	8	12.7	1/2	6	12.7	1/2	93	3-11/16	T51-93BFRT-3248	44223
		BAL	8	12.7	1/2	6	12.7	1/2	93	3-11/16	T51-93BFRTB-3247	44224
		BAL	8	12.7	1/2	6	12.7	1/2	95	3-3/4	T51-95BFRTB-3185	44233
		HEM	8	14	9/16	6	14	9/16	102	4	T51-102BFRT-2122	44724
		BAL	8	14	9/16	6	14	9/16	102	4	T51-102BFRTB-187	44678
		HEM	8	16	5/8	6	14	9/16	115	4-1/2	T51-115BFRT-2654	44978
		HEM	8	16	5/8	8	14	9/16	127	5	T51-127BFRT-2655	44979
		HEM	8	16	5/8	8	16	5/8	140	5-1/2	T51-140BFRT-2656	44980
		13	FLAT FACE - RETRAC 	HEM	8	12.7	1/2	5	12.7	1/2	89	3-1/2
BAL	8			12.7	1/2	5	12.7	1/2	89	3-1/2	T51-89BFRTB-3861	44028
HEM	8			14	9/16	6	12.7	1/2	102	4	T51-102BFRT-2531	44471
BAL	8			14	9/16	6	12.7	1/2	102	4	T51-102BFRTB-969	44472
14	FLAT FACE - XTRAC 	HEM	8	14	9/16	6	12.7	1/2	102	4	T51-102BFRT-4035	16085
15	FLAT FACE - RETRAC 	HEM	8	14	9/16	7	14	9/16	115	4-1/2	T51-115BFRT-2660	44473
		BAL	8	14	9/16	7	14	9/16	115	4-1/2	T51-115BFRTB-4089	44392
		HEM	8	16	5/8	8	14	9/16	127	5	T51-127BFRT-2661	44474
		CON	8	14	9/16	8	14	9/16	127	5	T51-127BFRTC-2897	44446
16	FLAT FACE - RETRAC 	HEM	9	11	7/16	8	10	13/32	89	3-1/2	T51-89BFRT-2604	44960
		BAL	9	11	7/16	8	10	13/32	89	3-1/2	T51-89BFRTB-2172	44961
		HEM	9	12.7	1/2	8	12.7	1/2	102	4	T51-102BFRT-2483	44962
		BAL	9	12.7	1/2	8	12.7	1/2	102	4	T51-102BFRTB-250	44963
		CON	9	12.7	1/2	8	12.7	1/2	102	4	T51-102BFRTC-090	44383
		HEM	9	14	9/16	9	12.7	1/2	115	4-1/2	T51-115BFRT-2284	44964
		BAL	9	14	9/16	9	12.7	1/2	115	4-1/2	T51-115BFRTB-2930	44679
		HEM	9	14	9/16	9	14	9/16	127	5	T51-127BFRT-2659	44965

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

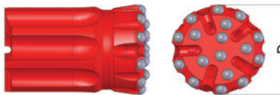
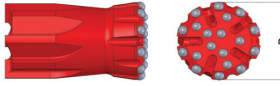
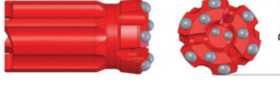
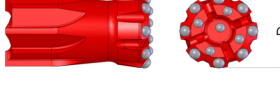
THREADED BITS



T51 2" (CONTINUED)

These bits are available optionally in XT51 thread for use in Rockmore's Vector Rod System.



NO.	FLAT FACE - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
17		HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	T51-115BFRT-3630	44083
		HEM	10	16	5/8	7	16	5/8	127	5	T51-127BFRT-3631	44084
		HEM	10	16	5/8	8	16	5/8	140	5-1/2	T51-140BFRT-3632	44085
18	FLAT FACE - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	T51-115BFRT-4236	16086
		HEM	10	16	5/8	7	16	5/8	127	5	T51-127BFRT-3825	16088
19	DROP CENTER - RETRAC  3 FRONT FLUSHING HOLES	HEM	6	14	9/16	3	12.7	1/2	89	3-1/2	T51-89BRTDC-2238	44975
						2	9.5	3/8				
		BAL	6	14	9/16	3	12.7	1/2	89	3-1/2	T51-89BRTDCB-916	44976
						2	9.5	3/8				
20	DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	HEM	8	11	7/16	4	11	7/16	89	3-1/2	T51-89BRTDC-2330	44761
						2	9.5	3/8				
		HEM	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T51-89BRTDC-4003	41137
						1	12.7	1/2				
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	T51-89BRTDCB-909	44746
						2	9.5	3/8				
		BAL	8	12.7	1/2	4	12.7	1/2	89	3-1/2	T51-89BRTDCB-4004	41138
						1	12.7	1/2				
		CON	8	12.7	1/2	4	11	7/16	89	3-1/2	T51-89BRTDCC-2511	44336
						2	9.5	3/8				
		BAL	8	12.7	1/2	4	12.7	1/2	93	3-11/16	T51-93BRTDCB-3409	44187
						2	9.5	3/8				
		HEM	8	14	9/16	4	12.7	1/2	102	4	T51-102BRTDC-2662	44747
						3	11	7/16				
		BAL	8	14	9/16	4	12.7	1/2	102	4	T51-102BRTDCB-210	44748
						3	11	7/16				
21	DROP CENTER - XTRAC  4 FRONT FLUSHING HOLES	CON	8	14	9/16	4	12.7	1/2	102	4	T51-102BRTDCC-010	44749
						3	11	7/16				
		HEM	8	14	9/16	4	14	9/16	115	4-1/2	T51-115BRTDC-2495	44982
						3	12.7	1/2				
		HEM	8	16	5/8	4	16	5/8	127	5	T51-127BRTDC-2663	44983
						3	12.7	1/2				
		HEM	8	16	5/8	4	16	5/8	140	5-1/2	T51-140BRTDC-2664	44984
						4	14	9/16				

CARBIDE PROFILE DESIGNS



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

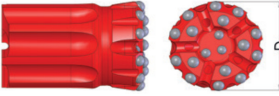
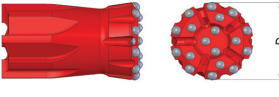
THREADED BITS



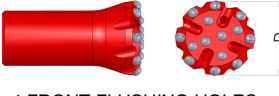
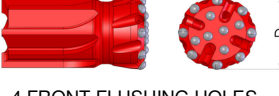
T51 2" (CONTINUED)

These bits are available optionally in XT51 thread for use in Rockmore's Vector Rod System.



NO.	DROP CENTER - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
22		HEM	10	14	9/16	5	12.7	1/2	115	4-1/2	T51-115BRTDC-3617	44089
						3	12.7	1/2				
		HEM	10	16	5/8	5	16	5/8	127	5	T51-127BRTDC-3633	44090
						3	12.7	1/2				
		HEM	10	16	5/8	5	16	5/8	140	5-1/2	T51-140BRTDC-3634	44091
						4	14	9/16				
NO.	DROP CENTER - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
23		HEM	10	14	9/16	5	12.7	1/2	115	4-1/2	T51-115BRTDC-4228	16087
						3	12.7	1/2				
		HEM	10	16	5/8	5	16	5/8	127	5	T51-127BRTDC-4065	16089
						3	12.7	1/2				

T51 2" Xtreme Series (for extreme hard and abrasive rock conditions - with FA carbide)

NO.	FLAT FACE, XTREME  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
24		FA	8	14	9/16	6	12.7	1/2	102	4	T51-102BF-XTR	44439
		FA	8	14	9/16	7	14	9/16	115	4-1/2	T51-115BF-XTR	44440
		FA	8	16	5/8	8	14	9/16	127	5	T51-127BF-XTR	44351
NO.	FLAT FACE - RETRAC, XTREME  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS							DIAMETER		PART NUMBER	
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
25		FA	8	14	9/16	6	12.7	1/2	102	4	T51-102BFRT-XTR	44348
		FA	8	14	9/16	7	14	9/16	115	4-1/2	T51-115BFRT-XTR	44349
		FA	8	16	5/8	8	14	9/16	127	5	T51-127BFRT-XTR	44350

CARBIDE PROFILE DESIGNS



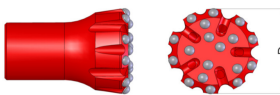
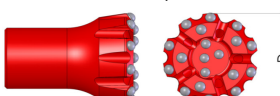
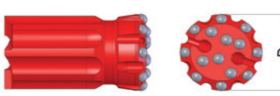
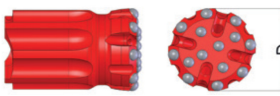
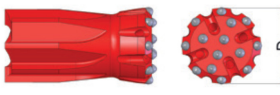
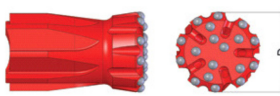
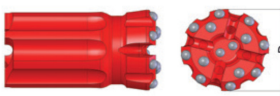
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



XT51 2" ROCKMORE Vector Rod System



NO.	FLAT FACE, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
1		HEM	10	16	5/8	8	16	5/8	140	5-1/2	XT51-140BF-4093	44051
NO.	DROP CENTER, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
2		HEM	10	16	5/8	5	16	5/8	140	5-1/2	XT51-140BDC-4094	44053
						4	14	9/16				
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
3		HEM	8	12.7	1/2	6	12.7	1/2	89	3-1/2	XT51-89BFRT-3292	44215
NO.	FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
4		CP	8	14	9/16	6	12.7	1/2	102	4	XT51-102BFRTCP-3324	44207
		CON	8	14	9/16	6	14	9/16	102	4	XT51-102BFRTC-3298	44213
NO.	FLAT FACE - XTRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
5		CP	8	12.7	1/2	6	12.7	1/2	102	4	XT51-102BFRTCP-3472	44174
		HEM / BAL	8	14	9/16	6	14	9/16	102	4	XT51-102BFRT-3554	44148
		CP	8	14	9/16	6	14	9/16	102	4	XT51-102BFRTCP-3491	44167
		BAL	8	12.7	1/2	6	12.7	1/2	102	4	XT51-102BFRTB-3473	44173
		BAL	8	14	9/16	6	14	9/16	102	4	XT51-102BFRTB-3492	44166
		CON	8	14	9/16	6	14	9/16	102	4	XT51-102BFRTC-3377	44194
NO.	FLAT FACE - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
6		HEM	10	16	5/8	8	16	5/8	140	5-1/2	XT51-140BFRT-4095	44052
NO.	DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.		
7		CON	8	11	7/16	4	11	7/16	89	3-1/2	XT51-89BRTDCC-3297	44212
						2	9.5	3/8				

CARBIDE PROFILE DESIGNS

					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

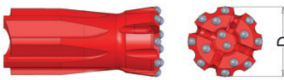
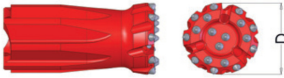
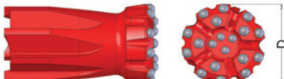
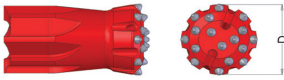
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



XT51 2" ROCKMORE Vector Rod System (CONTINUED)



NO.	DROP CENTER - XTRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER				
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	AUSTRIA		
			No.	mm	In.	No.	mm	In.	mm	In.				
8	 4 FRONT FLUSHING HOLES * = SPECIAL 1 SIDE HOLE	HEM	8	11	7/16	4	11	7/16	89	3-1/2	XT51-89BRTDC-3421 *	44214		
						2	9.5	3/8						
		HEM	8	11	7/16	4	11	7/16	89	3-1/2	XT51-89BRTDC-4316	16111		
						2	9.5	3/8						
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	XT51-89BRTDCB-3562 *	44146		
						2	9.5	3/8						
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	XT51-89BRTDCB-4023	16110		
						1	9.5	3/8						
9	 3 FRONT FLUSHING HOLES	BAL	9	10	13/32	6	10	13/32	94	3-11/16	XT51-94BRTDCB-3315	44121		
						3	10	13/32						
		CON	9	10	13/32	6	10	13/32	94	3-11/16	XT51-94BRTDCC-3319	44203		
						3	10	13/32						
10	 5 FRONT FLUSHING HOLES	HEM	10	16	5/8	5	12.7	1/2	115	4-1/2	XT51-115BRTDC-3663	16093		
						3	12.7	1/2						
		HEM	10	16	5/8	5	16	5/8	127	5	XT51-127BRTDC-4292	16096		
						3	12.7	1/2						
		HEM	10	16	5/8	5	16	5/8	140	5-1/2	XT51-140BRTDC-4096	44054		
						4	14	9/16						
		11	 2 FRONT FLUSHING HOLES	CON	8	12.7	1/2	4	12.7	1/2	89	3-1/2	XT51-89BRTSDC-4024	16090
								2	11	7/16				
CON	8			12.7	1/2	9	12.7	1/2	102	4	XT51-102BRTSDC-3668	16092		
CON	8			14	9/16	8	14	9/16	115	4-1/2	XT51-115BRTSDC-4026	16095		
CON	8	14	9/16	8	14	9/16	127	5	XT51-127BRTSDC-4028	16098				

CARBIDE PROFILE DESIGNS

					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



ST58 2-1/4"

NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
1	  3 FRONT FLUSHING HOLES	HEM	9	11	7/16	8	10	13/32	89	3-1/2	ST58-89BFRT-1713	44929
		BAL	9	11	7/16	8	10	13/32	89	3-1/2	ST58-89BFRTB-365	44930
		BAL	9	11	7/16	8	11	7/16	93	3-11/16	ST58-93BFRTB-1489	44921
		CON	9	12.7	1/2	8	11	7/16	93	3-11/16	ST58-93BFRTC-936	44493
		HEM	9	12.7	1/2	8	12.7	1/2	102	4	ST58-102BFRT-381	44931
		BAL	9	12.7	1/2	8	12.7	1/2	102	4	ST58-102BFRTB-424	44932
NO.	DROP CENTER - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2	  4 FRONT FLUSHING HOLES	HEM	8	11	7/16	4	11	7/16	89	3-1/2	ST58-89BRTDC-367	44934
						2	9.5	3/8				
		BAL	8	11	7/16	4	11	7/16	89	3-1/2	ST58-89BRTDCB-368	44935
						2	9.5	3/8				
		BAL	8	12.7	1/2	4	12.7	1/2	93	3-11/16	ST58-93BRTDCB-3746	44916
						2	9.5	3/8				
		HEM	8	14	9/16	4	12.7	1/2	102	4	ST58-102BRTDC-438	44924
						3	11	7/16				
		BAL	8	14	9/16	4	12.7	1/2	102	4	ST58-102BRTDCB-257	44936
						3	11	7/16				
HEM	8	14	9/16	4	14	9/16	115	4-1/2	ST58-115BRTDC-474	44937		
				3	12.7	1/2						
HEM	8	16	5/8	4	16	5/8	127	5	ST58-127BRTDC-089	44986		
				3	12.7	1/2						

CARBIDE PROFILE DESIGNS

					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



GT60 2-3/8"

NO.	FLAT FACE	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
1		HEM	8	12.7	1/2	6	12.7	1/2	93	3-11/16	GT60-93BF-2708	44290	
		BAL	8	12.7	1/2	6	12.7	1/2	93	3-11/16	GT60-93BFB-2709	44289	
		HEM	8	12.7	1/2	6	12.7	1/2	95	3-3/4	GT60-95BF-2710	44288	
		BAL	8	12.7	1/2	6	12.7	1/2	95	3-3/4	GT60-95BFB-2711	44287	
2 FRONT FLUSHING HOLES													
2		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
		HEM	8	14	9/16	6	12.7	1/2	102	4	GT60-102BF-2160	44359	
		HEM	8	16	5/8	6	12.7	1/2	102	4	GT60-102BF-3609	44136	
		BAL	8	14	9/16	6	12.7	1/2	102	4	GT60-102BFB-2161	44360	
		HEM	8	14	9/16	7	14	9/16	115	4-1/2	GT60-115BF-2162	44361	
		BAL	8	14	9/16	7	14	9/16	115	4-1/2	GT60-115BFB-2163	44362	
HEM	8	16	5/8	8	14	9/16	127	5	GT60-127BF-2164	44363			
3		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
		HEM	9	12.7	1/2	8	12.7	1/2	102	4	GT60-102BF-3717	44071	
		BAL	9	12.7	1/2	8	12.7	1/2	102	4	GT60-102BFB-3718	44072	
		HEM	9	14	9/16	9	12.7	1/2	115	4-1/2	GT60-115BF-3719	44075	
HEM	9	14	9/16	9	14	9/16	127	5	GT60-127BF-3720	44077			
4		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
		HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	GT60-115BF-3642	44104	
		HEM	10	16	5/8	7	16	5/8	127	5	GT60-127BF-3643	44105	
		HEM	10	16	5/8	8	16	5/8	140	5-1/2	GT60-140BF-3644	44106	
HEM	10	16	5/8	8	16	5/8	152	6	GT60-152BF-3947	44009			
5		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA		AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.			
		HEM	8	12.7	1/2	4	12.7	1/2	93	3-11/16	GT60-93BDC-2085	44286	
						2	9.5	3/8					
		BAL	8	12.7	1/2	4	12.7	1/2	93	3-11/16	GT60-93BDCB-2712	44285	
						2	9.5	3/8					
		HEM	8	12.7	1/2	4	12.7	1/2	95	3-3/4	GT60-95BDC-2713	44284	
						2	9.5	3/8					
		BAL	8	12.7	1/2	4	12.7	1/2	95	3-3/4	GT60-95BDCB-2714	44283	
						2	9.5	3/8					
		HEM	8	14	9/16	4	12.7	1/2	102	4	GT60-102BDC-2086	44364	
						3	11	7/16					
		BAL	8	14	9/16	4	12.7	1/2	102	4	GT60-102BDCB-766	44365	
						3	11	7/16					
		HEM	8	14	9/16	4	14	9/16	115	4-1/2	GT60-115BDC-2087	44366	
						3	12.7	1/2					
		BAL	8	14	9/16	4	14	9/16	115	4-1/2	GT60-115BDCB-938	44367	
						3	12.7	1/2					
		HEM	8	16	5/8	4	16	5/8	127	5	GT60-127BDC-1999	44368	
						3	12.7	1/2					
		BAL	8	16	5/8	4	16	5/8	127	5	GT60-127BDCB-2064	44369	
						3	12.7	1/2					
		HEM	8	16	5/8	4	16	5/8	140	5-1/2	GT60-140BDC-2000	44370	
				4	14	9/16							
HEM	8	16	5/8	6	16	5/8	152	6	GT60-152BDC-2342	44208			
				4	14	9/16							
4 FRONT FLUSHING HOLES													

CARBIDE PROFILE DESIGNS

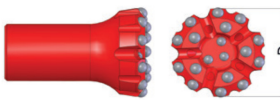
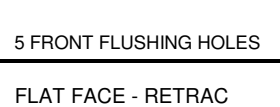
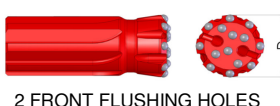
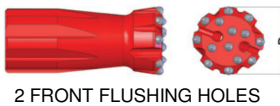
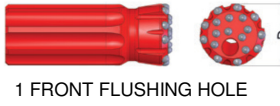
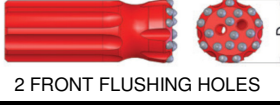
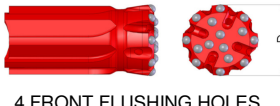
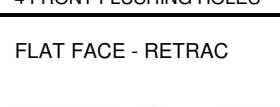
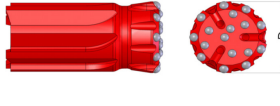
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



GT60 2-3/8" (CONTINUED)

NO.	DROP CENTER, STARFLOW	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
6		HEM	10	14	9/16	5	12.7	1/2	115	4-1/2	GT60-115BDC-3645	44108
						3	12.7	1/2				
		HEM	10	16	5/8	5	16	5/8	127	5	GT60-127BDC-3646	44109
						3	12.7	1/2				
		HEM	10	16	5/8	5	16	5/8	140	5-1/2	GT60-140BDC-3647	44110
						4	14	9/16				
		HEM	10	16	5/8	5	16	5/8	152	6	GT60-152BDC-4190	16105
						4	14	9/16				
5 FRONT FLUSHING HOLES												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
7		HEM	8	12.7	1/2	6	12.7	1/2	93	3-11/16	GT60-93BFRT-2715	44282
		BAL	8	12.7	1/2	6	12.7	1/2	93	3-11/16	GT60-93BFRTB-2716	44281
		HEM	8	12.7	1/2	6	12.7	1/2	95	3-3/4	GT60-95BFRT-2717	44280
		BAL	8	12.7	1/2	6	12.7	1/2	95	3-3/4	GT60-95BFRTB-2718	44279
2 FRONT FLUSHING HOLES												
NO.	FLAT FACE - XTRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
8		BAL	8	12.7	1/2	6	12.7	1/2	95	3-3/4	GT60-95BFRTB-3506	44158
		BAL	8	14	9/16	6	12.7	1/2	102	4	GT60-102BFRTB-3653	44120
2 FRONT FLUSHING HOLES												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
9		BAL	9	12.7	1/2	9	11	7/16	93	3-11/16	GT60-93BFRTB-3177	44234
1 FRONT FLUSHING HOLE												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
10		BAL	9	12.7	1/2	9	12.7	1/2	93	3-11/16	GT60-93BFRTB-3516	44160
		CON	9	12.7	1/2	9	12.7	1/2	93	3-11/16	GT60-93BFRTC-3369	44196
2 FRONT FLUSHING HOLES												
NO.	FLAT FACE - XTRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
11		BAL	9	12.7	1/2	9	12.7	1/2	94	3-11/16	GT60-94BFRTB-3577	44143
2 FRONT FLUSHING HOLES												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
12		HEM	8	14	9/16	6	12.7	1/2	102	4	GT60-102BFRT-706	44371
		BAL	8	14	9/16	6	12.7	1/2	102	4	GT60-102BFRTB-19	44372
		HEM	8	14	9/16	7	14	9/16	115	4-1/2	GT60-115BFRT-721	44373
		BAL	8	14	9/16	7	14	9/16	115	4-1/2	GT60-115BFRTB-3499	44164
		HEM	8	16	5/8	8	14	9/16	127	5	GT60-127BFRT-763	44374
4 FRONT FLUSHING HOLES												
NO.	FLAT FACE - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		USA	
			No.	mm	In.	No.	mm	In.	mm	In.	AUSTRIA	
13		BAL	9	12.7	1/2	8	11	7/16	93	3-11/16	GT60-93BFRTB-3723	44070
		HEM	9	12.7	1/2	8	12.7	1/2	102	4	GT60-102BFRT-3724	44073
		HEM	9	14	9/16	9	11	7/16	102	4	GT60-102BFRT-3514	44010
		BAL	9	12.7	1/2	8	12.7	1/2	102	4	GT60-102BFRTB-3725	44074
3 FRONT FLUSHING HOLES												

CARBIDE PROFILE DESIGNS

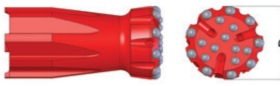
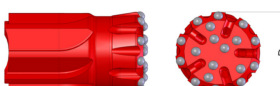
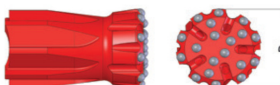
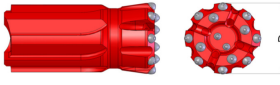
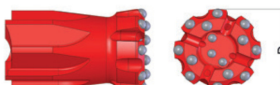
					
Hemispherical	MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
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THREADED BITS



GT60 2-3/8" (CONTINUED)

NO.	FLAT FACE - XTRAC  3 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
14		HEM	9	16	5/8	9	12.7	1/2	115	4-1/2	GT60-115BFRT-3821	44039
NO.	FLAT FACE - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	GT60-115BFRT-3425	44161
		HEM	10	16	5/8	7	16	5/8	127	5	GT60-127BFRT-3423	44163
		HEM	10	16	5/8	8	16	5/8	140	5-1/2	GT60-140BFRT-3635	44107
		HEM	10	16	5/8	8	16	5/8	152	6	GT60-152BFRT-3552	44145
NO.	FLAT FACE - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	10	14	9/16	9	12.7	1/2	115	4-1/2	GT60-115BFRT-3859	44011
		HEM	10	16	5/8	7	16	5/8	127	5	GT60-127BFRT-3659	44114
		HEM	10	16	5/8	9	16	5/8	140	5-1/2	GT60-140BFRT-3860	44015
		HEM	10	16	5/8	8	16	5/8	152	6	GT60-152BFRT-3660	16103
NO.	DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	8	12.7	1/2	4	12.7	1/2	93	3-11/16	GT60-93BRTDC-999	44278
					2	9.5	3/8					
		BAL	8	12.7	1/2	4	12.7	1/2	93	3-11/16	GT60-93BRTDCB-2719	44277
					2	9.5	3/8					
		HEM	8	12.7	1/2	4	12.7	1/2	95	3-3/4	GT60-95BRTDC-2720	44276
					2	9.5	3/8					
		BAL	8	12.7	1/2	4	12.7	1/2	95	3-3/4	GT60-95BRTDCB-2705	44275
					2	9.5	3/8					
		CON	8	12.7	1/2	4	12.7	1/2	95	3-3/4	GT60-95BRTDCC-3331	44202
					2	9.5	3/8					
		HEM	8	14	9/16	4	12.7	1/2	102	4	GT60-102BRTDC-647	44375
			3	11	7/16							
NO.	DROP CENTER - XTRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
		HEM	8	14	9/16	4	12.7	1/2	102	4	GT60-102BRTDC-4075	16099
					3	11	7/16					
		CON	8	12.7	1/2	4	12.7	1/2	102	4	GT60-102BRTDCC-3597	44138
					3	11	7/16					

CARBIDE PROFILE DESIGNS

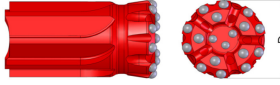
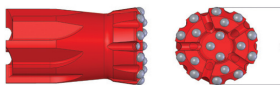
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

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THREADED BITS



GT60 2-3/8" (CONTINUED)

NO.	DROP CENTER - RETRAC, STARFLOW		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
19			HEM	10	14	9/16	5 3	12.7 12.7	1/2 1/2	115	4-1/2	GT60-115BRTDC-3616	44111
			HEM	10	16	5/8	5 3	16 12.7	5/8 1/2	127	5	GT60-127BRTDC-3618	44112
			HEM	10	16	5/8	5 4	16 14	5/8 9/16	140	5-1/2	GT60-140BRTDC-3619	44113
NO.	DROP CENTER - XTRAC, STARFLOW		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
			CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
				No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
20			HEM	10	14	9/16	5 3	12.7 12.7	1/2 1/2	115	4-1/2	GT60-115BRTDC-4047	16100
			HEM	10	16	5/8	5 3	16 12.7	5/8 1/2	127	5	GT60-127BRTDC-4048	16101
			HEM	10	16	5/8	5 4	16 14	5/8 9/16	140	5-1/2	GT60-140BRTDC-4076	16102
			HEM	10	16	5/8	5 4	16 14	5/8 9/16	152	6	GT60-152BRTDC-4131	16104

CARBIDE PROFILE DESIGNS

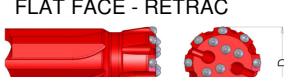
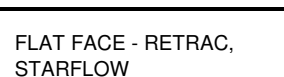


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THREADED BITS



T-Wiz60 2-3/8"

NO.	FLAT FACE  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
1		BAL	9	12.7	1/2	10	12.7	1/2	102	4	TWIZ60-102BFB-3865	44027
NO.	DROP CENTER  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
2		BAL	8	14	9/16	4	12.7	1/2	102	4	TWIZ60-102BDCB-3952	44019
						2	11	7/16				
NO.	DROP CENTER  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
3		BAL	8	14	9/16	4	12.7	1/2	102	4	TWIZ60-102BDCB-3951	44018
						3	11	7/16				
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
4		BAL	8	12.7	1/2	6	12.7	1/2	95	3-3/4	TWIZ60-95BFRTB-3753	44061
NO.	FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
5		BAL	9	12.7	1/2	10	12.7	1/2	102	4	TWIZ60-102BFRTB-3829	44038
NO.	FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
6		HEM	8	16	5/8	8	14	9/16	127	5	TWIZ60-127BFRT-4007	41130
		BAL	8	16	5/8	8	14	9/16	127	5	TWIZ60-127BFRTB-4008	41131
NO.	FLAT FACE - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
7		HEM	10	16	5/8	8	16	5/8	140	5-1/2	TWIZ60-140BFRT-4009	41132
		BAL	10	16	5/8	8	16	5/8	140	5-1/2	TWIZ60-140BFRTB-4010	41133
NO.	DROP CENTER - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER	
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
8		BAL	8	14	9/16	4	12.7	1/2	102	4	TWIZ60-102BRTDCB-3953	44020
						2	11	7/16				

CARBIDE PROFILE DESIGNS

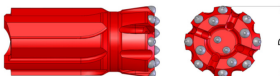
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

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THREADED BITS



T-Wiz60 2-3/8" (CONTINUED)

NO.	DROP CENTER - RETRAC	CARBIDE DIMENSIONS						DIAMETER		PART NUMBER		
		CARBIDE DESIGN	GAUGE NO. X DIA.			FRONT NO. X DIA.			D			
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA
9		BAL	8	12.7	1/2	4	12.7	1/2	95	3-3/4	TWIZ60-95BRTDCB-3912	44060
						2	9.5	3/8				
	4 FRONT FLUSHING HOLES											

CARBIDE PROFILE DESIGNS

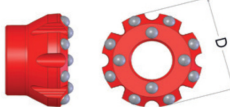
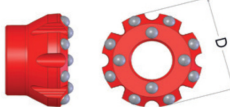
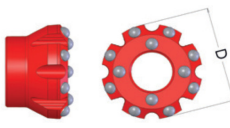
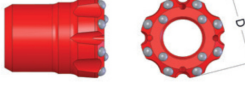
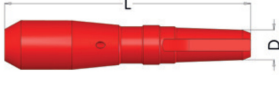
					
Hemispherical	Hemispherical MultiPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	CrownPoint	Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request
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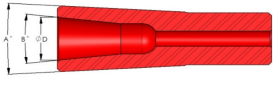
REAMING ACCESSORIES



REAMING BITS & PILOT ADAPTERS

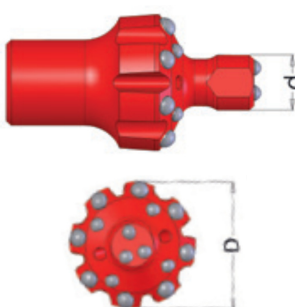
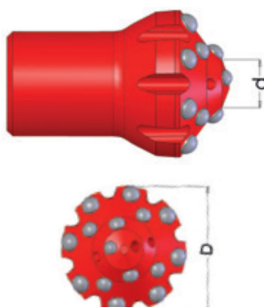
NO.		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		ANGLE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER		
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
1		6°	8	9.5	3/8	4	8	5/16	64	2-1/2	RBB-64-6-487	43030	
		6°	6	11	7/16	3	11	7/16	76	3	RBB-76-6-774	43031	
		6°	8	12.7	1/2	4	11	7/16	89	3-1/2	RBB-89-6-489	43014	
NO.		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		ANGLE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER		
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
2		6°	4	6.3	1/4	1	6.3	1/4	26	1-1/32	PAR25-26B-2612	43070	
		6°	4	6.3	1/4	1	6.3	1/4	26	1-1/32	PAR28-26B-2749	43071	
		6°	4	6.3	1/4	1	6.3	1/4	26	1-1/32	PAR32-26B-2408	43072	
NO.		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		ANGLE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER		
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
			12°	8	9.5	3/8	4	8	5/16	76	3	RBB-76-12-1771	43010
			12°	8	12.7	1/2	4	9.5	3/8	89	3-1/2	RBB-89-12-095	43011
			12°	8	12.7	1/2	4	12.7	1/2	102	4	RBB-102-12-096	43012
12°	8	14	9/16	4	14	9/16	115	4-1/2	RBB-115-12-2453	43017			
12°	8	14	9/16	8	12.7	1/2	127	5	RBB-127-12-097	43013			
NO.		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		ANGLE	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER		
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
			12°	4	9.5	3/8	2	8	5/16	41	1-5/8	PAR32-41B-2099	43073
			12°	4	9.5	3/8	2	8	5/16	41	1-5/8	PAT38-41B-2759	43074
NO.		CARBIDE DIMENSIONS						DIAMETER		PART NUMBER			
		THREAD	GAUGE NO. X DIA.			FRONT NO. X DIA.			D		PART NUMBER		
			No.	mm	In.	No.	mm	In.	mm	In.	USA	AUSTRIA	
			T12	8	12.7	1/2	4	11	7/16	102	4	RBB-102-T12-490	43000
			T12	8	12.7	1/2	4	11	7/16	115	4-1/2	RBB-115-T12-491	43002
T12	8	12.7	1/2	4	11	7/16	127	5	RBB-127-T12-492	43001			
NO.		THREAD							DIAMETER		PART NUMBER		
									D		PART NUMBER		
			mm	In.	USA	AUSTRIA							
			T12	47	1-7/8	PAR32-47-T12-498	43075						
			T12	47	1-7/8	PAR38-47-T12-499	43076						
T12	47	1-7/8	PAT38-47-T12-732	43078									
T12	47	1-7/8	PAT45-47-T12-231	43079									

REAMING SHELLS

NO.		ANGLE (A)	D X B°		PART NUMBER	
			mm	In.	USA	AUSTRIA
7		6°	22 x 12°	7/8 x 12°	RS2212-6	43035
		6°	22 x 11°	7/8 x 11°	RS2211-6	43036



HOLE OPENERS

NO.	STANDARD TYPE	CARBIDE DIMENSIONS						DIAMETER				PART NUMBER		
		THD	GAUGE NO. X DIA.			FRONT NO. X DIA.			d		D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.	mm	In.		
1		R32	8	14	9/16	4	11	7/16	41	1-5/8	102	4	R32-41-102HO-925	43067
		T38	8	14	9/16	7	11	7/16	51	2	102	4	T38-51-102HO-889	43043
		T38	8	14	9/16	4	12.7	1/2	67	2-5/8	127	5	T38-67-127HO-278	43044
		T45	8	14	9/16	4	12.7	1/2	64	2-1/2	127	5	T45-64-127HO-4086	43059
		T45	8	14	9/16	4	12.7	1/2	73	2-7/8	127	5	T45-73-127HO-279	43045
		T38	8	16	5/8	6	14	9/16	102	4	152	6	T38-102-152HO-896	43046
		T45	8	16	5/8	6	14	9/16	64	2-1/2	152	6	T45-64-152HO-3681	43060
		ST58	8	16	5/8	4	14	9/16	89	3-1/2	152	6	ST58-89-152HO-303	43047
		R38	10	16	5/8	6	14	9/16	76	3	178	7	R38-76-178HO-1346	43048
		T38	10	16	5/8	8	16	5/8	152	6	203	8	T38-152-203HO-119	43049
		ST58	12	14	9/16	20	14	9/16	127	5	225	8-7/8	ST58-127-225HO-3482	43061
						4	14	9/16						
NO.	CONE TYPE	CARBIDE DIMENSIONS						DIAMETER				PART NUMBER		
		THD	GAUGE NO. X DIA.			FRONT NO. X DIA.			d		D		USA	AUSTRIA
			No.	mm	In.	No.	mm	In.	mm	In.	mm	In.		
2		R32	8	11	7/16	7	9.5	3/8	29	1-5/32	76	3	R32-29-76CO-1267	43040
		R32	8	12.7	1/2	6	11	7/16	29	1-5/32	89	3-1/2	R32-29-89CO-1277	43041
		R32	8	12.7	1/2	6	12.7	1/2	29	1-5/32	102	4	R32-29-102CO-192	43042
		R35	8	12.7	1/2	6	12.7	1/2	29	1-5/32	102	4	R35-29-102CO-891	43052
		T38	8	12.7	1/2	6	12.7	1/2	29	1-5/32	102	4	T38-29-102CO-3679	43064
		R32	8	14	9/16	10	12.7	1/2	29	1-5/32	115	4-1/2	R32-29-115CO-247	43050
		T38	8	14	9/16	8	12.7	1/2	29	1-5/32	115	4-1/2	T38-29-115CO-3680	43065
		R32	8	14	9/16	10	12.7	1/2	29	1-5/32	127	5	R32-29-127CO-270	43051
		T38	8	14	9/16	10	12.7	1/2	29	1-5/32	127	5	T38-29-127CO-039	43066

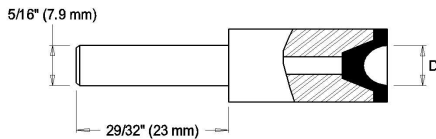
NOTE: ADDITIONAL THREADS AND SIZES AVAILABLE UPON REQUEST.

GRINDING ACCESSORIES



GRINDING PINS - COMBINATION

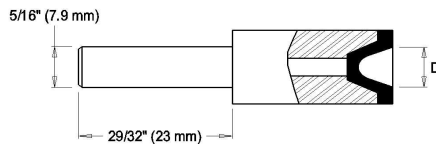
HEMISPHERICAL



DIAMETER (D)		PART NUMBER	
mm	In.	USA	AUSTRIA
6	1/4	2856CH	46348
7	9/32	2857CH	46203
8	5/16	2858CH	46204
9	11/32	2859CH	46205
10	13/32	28510CH	46206
11	7/16	28511CH	46207
12	15/32	28512CH	46208
13	1/2	28513CH	46248
14	9/16	28514CH	46223
15	19/32	28515CH	46349
16	5/8	28516CH	46228
17	21/32	28517CH	46350
18	23/32	28518CH	46351
19	3/4	28519CH	46352
20	25/32	28520CH	46353

GRINDING PINS - COMBINATION

(SEMI) BALLISTIC



DIAMETER (D)		PART NUMBER	
mm	In.	USA	AUSTRIA
6	1/4	2856CB	46354
7	9/32	2857CB	46355
8	5/16	2858CB	46244
9	11/32	2859CB	46245
10	13/32	28510CB	46246
11	7/16	28511CB	46247
12	15/32	28512CB	46226
13	1/2	28513CB	46356
14	9/16	28514CB	46227
15	19/32	28515CB	46357
16	5/8	28516CB	46358
17	21/32	28517CB	46359
18	23/32	28518CB	46360
19	3/4	28519CB	46361
20	25/32	28520CB	46362

HAND-HELD AIR GRINDER



PART NUMBER	
USA	AUSTRIA
MK11	46019

Note:

Combination grinding pins are for grinding the carbide buttons and the steel body in one action

INTEGRAL DRILL RODS



7/8" HEX (22mm) X 4-1/4" SHANK (108mm)

SERIES	DIAMETER (D)		LENGTH (L)		PART NUMBER	
	mm	In.	mm	FT	USA	AUSTRIA
11	34	1-11/32	800	2' 7"	714-0834	49134
11	33	1-5/16	1600	5' 3"	714-1633	49127
11	32	1-1/4	2400	7' 10"	714-2432	49121
11	31	1-7/32	3200	10' 6"	714-3231	49116
11	30	1-3/16	4000	13' 1-1/2"	714-4030	49113
11	29	1-1/8	4800	15' 9"	714-4829	49111
11	28	1-7/64	5600	18' 4"	714-5628	49105
11	27	1-1/16	6400	21'	714-6427	49102
12	40	1-9/16	800	2' 7"	714-0840	49159
12	39	1-17/32	1600	5' 3"	714-1639	49153
12	38	1-1/2	2400	7' 10"	714-2438	49151
12	37	1-29/64	3200	10' 6"	714-3237	49148
12	36	1-13/32	4000	13' 1-1/2"	714-4036	49146
12	35	1-3/8	4800	15' 9"	714-4835	49140
12	34	1-11/32	5600	18' 4"	714-5634	49137
12	33	1-5/16	6400	21'	714-6433	49132
13	34	1-11/32	400	1' 4"	714-0434	49133
13	33	1-5/16	800	2' 7"	714-0833	49124
13	32	1-1/4	1200	3' 11"	714-1232	49119
13	31	1-7/32	1600	5' 3"	714-1631	49114
13	30	1-3/16	2000	6' 7"	714-2030	49112
16	35	1-3/8	600	1' 11-1/2"	714-0635	49138
16	34	1-11/32	1200	3' 11"	714-1234	49135
16	33	1-5/16	1800	5' 11"	714-1833	49128
16	32	1-1/4	2400	7' 10"	714-2432	49121
17	41	1-5/8	600	1' 11-1/2"	714-0641	49162
17	40	1-9/16	1200	3' 11"	714-1240	49160
17	39	1-17/32	1800	5' 11"	714-1839	49154
	35	1-3/8	460	1' 6"	714-0535	49286
	29	1-1/8	800	2' 7"	714-0829	49107
	45	1-3/4	800	2' 7"	714-0845	49197
	45	1-3/4	1200	3' 11"	714-1245	49198
	32	1-1/4	2000	6' 7"	714-2032	49120



DRILL RODS **TAPERED - HF Hardened**



7/8" HEX (22mm), 4-1/4" SHANK (108mm) X 11° HF Hardened

11°	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	22H-610-11	41616
	760	2' 6"	22H-760-11	48493
	1220	4'	22H-1220-11	48494
	1370	4' 6"	22H-1370-11	48499
	1525	5'	22H-1525-11	41624
	1600	5' 3"	22H-1600-11	48367
	1830	6'	22H-1830-11	48495
	1980	6' 6"	22H-1980-11	43492
	2440	8'	22H-2440-11	48497
	2590	8' 6"	22H-2590-11	48312
	3050	10'	22H-3050-11	48341
	3200	10' 6"	22H-3200-11	48324
	3660	12'	22H-3660-11	43321
	4000	13' 1-1/2"	22H-4000-11	48344
	4270	14'	22H-4270-11	48345
	4575	15'	22H-4575-11	48346

7/8" HEX (22mm), 4-1/4" SHANK (108mm) X 12° HF Hardened

12°	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	22H-610-12	48472
	760	2' 6"	22H-760-12	48489
	915	3'	22H-915-12	43348
	1220	4'	22H-1220-12	48473
	1370	4' 6"	22H-1370-12	48492
	1525	5'	22H-1525-12	48305
	1830	6'	22H-1830-12	48474
	1980	6' 6"	22H-1980-12	48490
	2440	8'	22H-2440-12	48475
	2590	8' 6"	22H-2590-12	41623
	3050	10'	22H-3050-12	48476
	3200	10' 6"	22H-3200-12	41518
	3660	12'	22H-3660-12	43316
	3960	13'	22H-3960-12	48485
	4270	14'	22H-4270-12	48355
	4575	15'	22H-4575-12	48356
	4875	16'	22H-4875-12	43375

TAPER BIT KNOCK OFF TOOL

22 MM (7/8") KNOCK-OFF BLOCK	PART NUMBER	
	USA	AUSTRIA
	KOB22T	46297

DRILL RODS **TAPERED - Carburized**



7/8" HEX (22mm), 4-1/4" SHANK (108mm) X 11° Carburized

11°	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	22H-610-11-C	41616
	760	2' 6"	22H-760-11-C	48493
	1220	4'	22H-1220-11-C	48494
	1370	4' 6"	22H-1370-11-C	48499
	1525	5'	22H-1525-11-C	41624
	1600	5' 3"	22H-1600-11-C	48367
	1830	6'	22H-1830-11-C	48495
	1980	6' 6"	22H-1980-11-C	43492
	2440	8'	22H-2440-11-C	48497
	2590	8' 6"	22H-2590-11-C	48312
	3050	10'	22H-3050-11-C	48341
	3200	10' 6"	22H-3200-11-C	48324
	3660	12'	22H-3660-11-C	43321
	4000	13' 1-1/2"	22H-4000-11-C	48344
	4270	14'	22H-4270-11-C	48345
	4575	15'	22H-4575-11-C	48346

7/8" HEX (22mm), 4-1/4" SHANK (108mm) X 12° Carburized

12°	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	22H-610-12-C	48472
	760	2' 6"	22H-760-12-C	48489
	915	3'	22H-915-12-C	43348
	1220	4'	22H-1220-12-C	48473
	1370	4' 6"	22H-1370-12-C	48492
	1525	5'	22H-1525-12-C	48305
	1830	6'	22H-1830-12-C	48474
	1980	6' 6"	22H-1980-12-C	48490
	2440	8'	22H-2440-12-C	48475
	2590	8' 6"	22H-2590-12-C	41623
	3050	10'	22H-3050-12-C	48476
	3200	10' 6"	22H-3200-12-C	41518
	3660	12'	22H-3660-12-C	43316
	3960	13'	22H-3960-12-C	48485
	4270	14'	22H-4270-12-C	48355
	4575	15'	22H-4575-12-C	48356
	4875	16'	22H-4875-12-C	43375

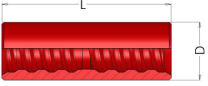
TAPER BIT KNOCK OFF TOOL

22 MM (7/8") KNOCK-OFF BLOCK	PART NUMBER	
	USA	AUSTRIA
	KOB22T	46297

COUPLINGS AND ADAPTERS THREAD / COUPLING GREASE



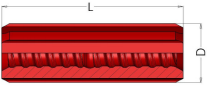
COUPLINGS

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R22	140	5-1/2	30	1-3/16	CR22-30-3797	41663
	R25	150	5-29/32	33	1-5/16	CR25-33-4135 *	13330
	R25	150	5-29/32	35	1-3/8	CR25-36-203	13332
	R28	150	5-29/32	39	1-17/32	CR28-40-204	41661
	R32	150	5-29/32	42	1-21/32	CR32-42-3798 *	13309
	R32	150	5-29/32	44	1-23/32	CR32-44-205	13308
	R38	170	6-11/16	55	2-5/32	CR38-55-206	13302
	T38	190	7-1/2	52	2-3/64	CT38-52-3799 *	41669
	T38	190	7-1/2	55	2-5/32	CT38-55-198	14844
	T45	210	8-1/4	63	2-15/32	CT45-63-649	41666
	T45 HD	210	8-1/4	66	2-19/32	CT45-66-1363	14845
	T51	225	8-7/8	72	2-13/16	CT51-72-648	41662
	T51 HD	225	8-7/8	76	3	CT51-76-1195	41686

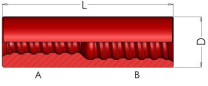
COUPLINGS - Full Bridge

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R25	200	7-7/8	35	1-3/8	CR25FB-36-3800	17233
	R28	160	6-5/16	39	1-17/32	CR28FB-39-4136	41659
	R32	200	7-7/8	44	1-23/32	CR32FB-44-3801	17234
	R38	210	8-1/4	55	2-5/32	CR38FB-55-3462	41687
	T38	205	8-1/16	55	2-5/32	CT38FB-55-3623	41670
	T45	230	9-1/16	63	2-15/32	CT45FB-64-651	41650
	T51	250	9-13/16	72	2-13/16	CT51FB-72-3802	41685
	T51	250	9-13/16	76	3	CT51FB-76-652	41691

GUIDE COUPLINGS

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	190	7-1/2	61	2-13/32	GCT38-61-3677	47500

COUPLING ADAPTERS - Semi Bridge

	THREAD (A) - (B)	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R22 - R25	142	5-19/32	35	1-3/8	CAR22R25-35-2191	41664
	R25 - R28	150	5-29/32	38	1-1/2	CAR25R28-38-1663	41665
	R25 - R32	150	5-29/32	44	1-23/32	CAR25R32-44-657	11445
	R28 - R32	150	5-29/32	44	1-23/32	CAR28R32-44-658	48604
	R28 - R38	160	6-5/16	55	2-5/32	CAR28R38-55-160	13349
	R28 - T38	165	6-1/2	55	2-5/32	CAR28T38-55-4138	41697
	R32 - R38	160	6-5/16	55	2-5/32	CAR32R38-55-950	13348
	R32 - T38	165	6-1/2	55	2-5/32	CAR32T38-55-660	41657
	R38 - T38	180	7-1/16	55	2-5/32	CAR38T38-55-661	11449
	R38 - T45	195	7-11/16	63	2-15/32	CAR38T45-63-2192	48531
	T38 - T45	195	7-11/16	63	2-15/32	CAT38T45-63-654	41658
	T45 - T51	218	8-19/32	72	2-13/16	CAT45T51-72-655	41676

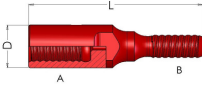
COUPLINGS AND ADAPTERS THREAD / COUPLING GREASE



COUPLING ADAPTERS - Full Bridge

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
	(A) - (B)	mm	In.	mm	In.	USA	AUSTRIA
	R22 - R25	165	6-1/2	35	1-3/8	CAR22R25-35-2252	48504
	R25 - R28	170	6-11/16	39	1-17/32	CAR25R28-38-2253	48505
	R25 - R32	200	7-7/8	44	1-23/32	CAR25R32-44-2254	17235
	R25 - R38	170	6-11/16	55	2-5/32	CAR25R38-55-4139	41690
	R25 - T38	170	6-11/16	55	2-5/32	CAR25T38-55-165	41695
	R28 - R32	170	6-11/16	44	1-23/32	CAR28R32-44-2255	48506
	R28 - T38	170	6-11/16	55	2-5/32	CAR28T38-55-3803	48517
	R32 - T35	170	6-11/16	49	1-29/32	CAR32T35-49-4140	48516
	R32 - R38	205	8-1/16	55	2-5/32	CAR32R38-55-2256	17236
	R32 - T38	205	8-1/16	55	2-5/32	CAR32T38-55-2257	41675
	R32 - T45	215	8-15/32	63	2-15/32	CAR32T45-63-3804	41680
	R38 - T38	205	8-1/16	55	2-5/32	CAR38T38-55-2258	41655
	R38 - T45	215	8-15/32	63	2-15/32	CAR38T45-63-2259	41667
	R38 - T51	225	8-7/8	72	2-13/16	CAR38T51-72-4141	48511
	T38 - T45	215	8-15/32	63	2-15/32	CAT38T45-63-2260	41684
	T38 - T51	225	8-7/8	72	2-13/16	CAT38T51-72-4142	48521
	T45 - T51	240	9-7/16	72	2-13/16	CAT45T51-72-2261	41689

BIT ADAPTERS

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
	(A) - (B)	mm	In.	mm	In.	USA	AUSTRIA
	R25 - R28	185	7-9/32	44	1-23/32	BAR25R28-44	11424
	R25 - R32	185	7-9/32	44	1-23/32	BAR25R32-44	11425
	R28 - R25	185	7-9/32	44	1-23/32	BAR28R25-44	48696
	R28 - R32	185	7-9/32	44	1-23/32	BAR28R32-44	11427
	R32 - R25	210	8-1/4	44	1-23/32	BAR32R25-44	11428
	R32 - T32	270	10-5/8	44	1-23/32	BAR32T32-44	48534
	R32 - R38	270	10-5/8	44	1-23/32	BAR32R38-44	11426
	R32 - T38	270	10-5/8	44	1-23/32	BAR32T38-44	48585
	R32 - T45	360	14-3/16	44	1-23/32	BAR32T45-44	41694
	R35 - R32	280	11-1/32	55	2-5/32	BAR35R32-55	48708
	R38 - R32	280	11-1/32	55	2-5/32	BAR38R32-55	48645
	R38 - T32	280	11-1/32	55	2-5/32	BAR38T32-55	48508
	R38 - T38	280	11-1/32	55	2-5/32	BAR38T38-55	48646
	R38 - T45	280	11-1/32	55	2-5/32	BAR38T45-55	48500
	T38 - R32	280	11-1/32	55	2-5/32	BAT38R32-55	48586
	T38 - R38	280	11-1/32	55	2-5/32	BAT38R38-55	11430
	T38 - T45	280	11-1/32	55	2-5/32	BAT38T45-55	48588
	T45 - R38	280	11-1/32	63	2-15/32	BAT45R38-63	48653
	T45 - T38	280	11-1/32	63	2-15/32	BAT45T38-63	48587
	T45 - T51	285	11-7/32	63	2-15/32	BAT45T51-63	41693
	T45 - ST58	280	11-1/32	72	2-13/16	BAT45ST58-72	48687
	T51 - R38	285	11-7/32	72	2-13/16	BAT51R38-72	48555
	T51 - T45	285	11-7/32	72	2-13/16	BAT51T45-72	48661
	T51 - ST58	285	11-7/32	76	3	BAT51ST58-76	48658
	T51 - GT60	345	13-1/2	82	3-1/4	BAT51GT60-82	48515
	ST58 - T51	310	12-3/16	81	3-3/16	BAST58T51-81	48703
	GT60 - T51	360	14-3/16	82	3-1/4	BAGT60T51-82	48533
	GT60 - ST58	345	13-1/2	82	3-1/4	BAGT60ST58-82	48537

THREAD / COUPLING GREASE



THREAD / COUPLING GREASE

	TYPE	DESCRIPTION	PART NUMBER	
			USA	AUSTRIA
	Thread Guard	1 Gallon	THREAD-GUARD-1-GAL	11564
	Thread Guard	5 Gallon	THREAD-GUARD-5-GAL-NP	11568
	Thread Guard	5 Gal., Pumpable	THREAD-GUARD-5-GAL-PUMP	11565

DRILL RODS

ROUND EXTENSION - MALE / MALE - HF Hardened



R38 - R38 - Rd 39 1-1/2" ROPE THREAD (38mm) HF Hardened

SINGLE THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	R38R-1220	11404
	1830	6'	R38R-1830	11405
	2435	8'	R38R-2440	14883
	3050	10'	R38R-3050	14914
	3660	12'	R38R-3660	14915
	4265	14'	R38R-4270	14916

T38 - T38 - Rd 39 1-1/2" TRAPEZOIDAL THREAD (38mm) HF Hardened

SINGLE THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1000	3' 3"	T38R-1000	47230
	1220	4'	T38R-1220	11414
	1500	4' 11"	T38R-1500	47333
	1525	5'	T38R-1525	47122
	1830	6'	T38R-1830	11415
	2000	6' 7"	T38R-2000	11316
	2435	8'	T38R-2440	11127
	3000	9' 10"	T38R-3000	47006
	3050	10'	T38R-3050 *	11128
	3660	12'	T38R-3660	11129
	4000	13' 1-1/2"	T38R-4000	47330
	4265	14'	T38R-4270	11130
* WITH WRENCH FLATS				
TANDEM THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T38R-T-3050	11369
	3660	12'	T38R-T-3660	11370
	4265	14'	T38R-T-4270	11371

T45 - T45 - Rd 46 1-3/4" TRAPEZOIDAL THREAD (45mm) HF Hardened

SINGLE THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1000	3' 3"	T45R-1000	47190
	1220	4'	T45R-1220	47293
	1500	4' 11"	T45R-1500	47311
	1525	5'	T45R-1525	41581
	1830	6'	T45R-1830	47339
	2000	6' 7"	T45R-2000	41580
	2435	8'	T45R-2440	47062
	3000	9' 10"	T45R-3000	43817
	3050	10'	T45R-3050	47051
	3660	12'	T45R-3660	47052
	4265	14'	T45R-4270	47053
	4875	16'	T45R-4875	47054
	5490	18'	T45R-5490	47056
	6095	20'	T45R-6095	47001
TANDEM THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T45R-T-3050	47409
	3660	12'	T45R-T-3660	47094
	4265	14'	T45R-T-4270	47410

DRILL RODS **ROUND EXTENSION - MALE / MALE - HF Hardened**



T51 - T51 - Rd 52 2" TRAPEZOIDAL THREAD (51mm) HF Hardened

SINGLE THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1000	3' 3"	T51R-1000	43808
	1220	4'	T51R-1220	43712
	1500	4' 11"	T51R-1500	43700
	1830	6'	T51R-1830	47206
	2000	6' 7"	T51R-2000	43701
	3000	9' 10"	T51R-3000	43662
	3050	10'	T51R-3050	47140
	3660	12'	T51R-3660	47141
	4265	14'	T51R-4270	47381
	4875	16'	T51R-4875	47387
	5490	18'	T51R-5490	47375
	6095	20'	T51R-6095	46184
	7315	24'	T51R-7315	43759

DRILL RODS

ROUND EXTENSION - MALE / MALE - Carburized



R32 - R32 - Rd 32 1-1/4" ROPE THREAD (32mm) Carburized				
SINGLE THREAD 	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	R32R-610-C	47397
	915	3'	R32R-915-C	47121
	1000	3' 3"	R32R-1000-C	41548
	1220	4'	R32R-1220-C	11401
	1525	5'	R32R-1525-C	41539
	1830	6'	R32R-1830-C	14898
	2000	6' 7"	R32R-2000-C	47395
	2435	8'	R32R-2435-C	14899
	3000	9' 10"	R32R-3000-C	47324
	3050	10'	R32R-3050-C	14902
	3660	12'	R32R-3660-C	14903
	4265	14'	R32R-4270-C	14904
	4915	16' 1-1/2"	R32R-4915-C	47318
	5490	18'	R32R-5490-C	43844

R38 - R38 - Rd 39 1-1/2" ROPE THREAD (38mm) Carburized				
SINGLE THREAD 	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	915	3'	R38R-915-C	47377
	1000	3' 3"	R38R-1000-C	47180
	1220	4'	R38R-1220-C	11404
	1500	4' 11"	R38R-1500-C	43730
	1830	6'	R38R-1830-C	11405
	2000	6' 7"	R38R-2000-C	11313
	2435	8'	R38R-2440-C	14883
	3050	10'	R38R-3050-C	14914
	3660	12'	R38R-3660-C	14915
	4265	14'	R38R-4270-C	14916

T38 - T38 - Rd 39 1-1/2" TRAPEZOIDAL THREAD (38mm) Carburized				
SINGLE THREAD 	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	915	3'	T38R-915-C	47142
	3050	10'	T38R-3050-C	11128
	3660	12'	T38R-3660-C	11129
	4265	14'	T38R-4270-C	11130

T45 - T45 - Rd 46 1-3/4" TRAPEZOIDAL THREAD (45mm) Carburized				
SINGLE THREAD 	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T45R-3050-C	47051
	3660	12'	T45R-3660-C	47052
	4265	14'	T45R-4270-C	47053

T51 - T51 - Rd 52 2" TRAPEZOIDAL THREAD (51mm) Carburized				
SINGLE THREAD 	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T51R-3050-C	47140
	3660	12'	T51R-3660-C	47141
	4875	16'	T51R-4875-C	47387
	5490	18'	T51R-5490-C	47375

DRILL RODS

ROUND EXTENSION - MALE / FEMALE



MF-Rod R32 - R32 - Rd 32 1-1/4" ROPE THREAD (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	915	3'	R3232MF-915	47353
	1000	3' 3"	R3232MF-1000	47073
	1220	4'	R3232MF-1220	47139
	1525	5'	R3232MF-1525	47137
	1830	6'	R3232MF-1830	47138
	2435	8'	R3232MF-2440	47386
	2700	8' 10"	R3232MF-2700	43895
	2850	9' 4"	R3232MF-2850	43716
	3000	9' 10"	R3232MF-3000	47070
	3050	10'	R3232MF-3050	47127
	3660	12'	R3232MF-3660	47128
	4000	13' 1-1/2"	R3232MF-4000	43715
	4270	14'	R3232MF-4270	47350
	5370	17' 7-1/2"	R3232MF-5370	47473
	6300	20' 8"	R3232MF-6300	47461
D = 45mm (1-3/4")				

MF-Rod T35 - T35 - Rd 39 1-3/8" TRAPEZOIDAL THREAD (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T3538MF-1220	43784
	1830	6'	T3538MF-1830	43620
	2435	8'	T3538MF-2440	43734
	3050	10'	T3538MF-3050	43621
	3660	12'	T3538MF-3660	43622
	4270	14'	T3538MF-4270	43623
D = 48mm (1-7/8")				

MF-Rod R38 - R38 - Rd 39 1-1/2" TRAPEZOIDAL THREAD (38mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	R3838MF-1220	47269
	1525	5'	R3838MF-1525	47270
	1830	6'	R3838MF-1830	47255
	2000	6' 7"	R3838MF-2000	47268
	3050	10'	R3838MF-3050	47254
	3660	12'	R3838MF-3660	47267
	4265	14'	R3838MF-4270	47222
D = 56mm (2-7/32")				

MF-Rod T38 - T38 - Rd 39 1-1/2" TRAPEZOIDAL THREAD (38mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	915	3'	T3838MF-915	47316
	1000	3' 3"	T3838MF-1000	43654
	1220	4'	T3838MF-1220	47111
	1525	5'	T3838MF-1525	47136
	1830	6'	T3838MF-1830	47110
	2000	6' 7"	T3838MF-2000	47279
	2435	8'	T3838MF-2440	47284
	3000	9' 10"	T3838MF-3000	47250
	3050	10'	T3838MF-3050	47144
	3660	12'	T3838MF-3660	47164
	4270	14'	T3838MF-4270	47247
D = 56mm (2-7/32")				

DRILL RODS

ROUND EXTENSION - MALE / FEMALE



MF-Rod T45 - T45 - Rd 46 1-3/4" TRAPEZOIDAL THREAD (45mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1000	3' 3"	T4545MF-1000	47256
	1220	4'	T4545MF-1220	47491
	1500	4' 11"	T4545MF-1500	47292
	1525	5'	T4545MF-1525	47132
	1830	6'	T4545MF-1830	47172
	2000	6' 7"	T4545MF-2000	47264
	2435	8'	T4545MF-2440	47402
	3000	9' 10"	T4545MF-3000	47262
	3050	10'	T4545MF-3050	47173
	3660	12'	T4545MF-3660	47166
	4270	14'	T4545MF-4270	47285
	4880	16'	T4545MF-4875	47492
	5490	18'	T4545MF-5490	47496
	6100	20'	T4545MF-6095	47481

MF-Rod T51 - T51 - Rd 52 2" TRAPEZOIDAL THREAD (51mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1000	3' 3"	T5151MF-1000	43918
	1220	4'	T5151MF-1220	47323
	1500	4' 11"	T5151MF-1500	47352
	1525	5'	T5151MF-1525	43928
	1830	6'	T5151MF-1830	47337
	2000	6' 7"	T5151MF-2000	43914
	3000	9' 10"	T5151MF-3000	43915
	3050	10'	T5151MF-3050	43986
	3660	12'	T5151MF-3660	47338
	4000	13' 1-1/2"	T5151MF-4000	43947
	4270	14'	T5151MF-4270	43819
	4880	16'	T5151MF-4875	43954
	5490	18'	T5151MF-5490	43903
	6100	20'	T5151MF-6095	43997

MF-Rod XT51 - XT51 - Rd 52 2" TRAPEZOIDAL THREAD (51mm) ROCKMORE Vector Rod System



	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3660	12'	XT5151MF-3660	43907
	4270	14'	XT5151MF-4270	43908
	5490	18'	XT5151MF-5490	43911
	6100	20'	XT5151MF-6095	43909

MF-Rod ST58 - ST58 - Rd 60 2-1/4" TRAPEZOIDAL THREAD (58mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3660	12'	ST5860MF-3660	43942
	4270	14'	ST5860MF-4270	43922
	5490	18'	ST5860MF-5490	43962
	6100	20'	ST5860MF-6095	43998

DRILL RODS

ROUND EXTENSION - MALE / FEMALE



MF-Rod GT60 - GT60 - Rd 60 2-1/4" TRAPEZOIDAL THREAD (60mm) 3-7/32" FEMALE O.D. (82MM)

 D = 82mm (3-7/32")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3660	12'	GT6060MF-3660	43608
	4270	14'	GT6060MF-4270	43609
	6100	20'	GT6060MF-6095	43610

MF-Rod GT60 - GT60 - Rd 60 2-1/4" TRAPEZOIDAL THREAD (60mm) 3-3/8" FEMALE O.D. (85MM)

 D = 85mm (3-3/8")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3660	12'	GT6060MF85-3660	43628
	4270	14'	GT6060MF85-4270	43629
	6100	20'	GT6060MF85-6095	43630

MF-Rod GT60 - GT60 - Rd 64 2-1/4" TRAPEZOIDAL THREAD (60mm) 3-3/8" FEMALE O.D. (85MM)

 D = 85mm (3-3/8")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4000	13' 1-1/2"	GT6064MF85-4000	43988
	4270	14'	GT6064MF85-4270	43989

MF-Rod T-WiZ60 - T-WiZ60 - Rd 60 2-1/4" TRAPEZOIDAL THREAD (60mm) 3-3/8" FEMALE O.D. (85MM)

 D = 85mm (3-3/8")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3630	11' 11"	TWIZ6060MF85-3630	43771
	4240	13' 11"	TWIZ6060MF85-4240	43772
	5470	17' 11"	TWIZ6060MF85-5470	43777
	6065	19' 11"	TWIZ6060MF85-6065	43773

DRILL RODS

STARTER GUIDE TUBE - MALE / FEMALE



MF-Tube T38 - T38 - Rd 56 1-1/2" TRAPEZOIDAL THREAD (38mm) X 2-7/32" ROUND (56mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T38SGT-56-1220	47620
	1525	5'	T38SGT-56-1525	47621
	1830	6'	T38SGT-56-1830	47622
	3050	10'	T38SGT-56-3050	47624
	3660	12'	T38SGT-56-3660	47625

MF-Tube T38 - T38 - Rd 64 1-1/2" TRAPEZOIDAL THREAD (38mm) X 2-1/2" ROUND (64mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T38SGT-64-1220	47630
	1525	5'	T38SGT-64-1525	47631
	1830	6'	T38SGT-64-1830	47632
	3050	10'	T38SGT-64-3050	47634
	3660	12'	T38SGT-64-3660	47635

MF-Tube T45 - T45 - Rd 64 1-3/4" TRAPEZOIDAL THREAD (45mm) X 2-1/2" ROUND (64mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T45SGT-64-1220	47640
	1525	5'	T45SGT-64-1525	47641
	1830	6'	T45SGT-64-1830	47642
	2440	8'	T45SGT-64-2440	47643
	3050	10'	T45SGT-64-3050	47644
	3660	12'	T45SGT-64-3660	47645
	4270	14'	T45SGT-64-4270	47746

MF-Tube T45 - T45 - Rd 76 1-3/4" TRAPEZOIDAL THREAD (45mm) X 3" ROUND (76mm)

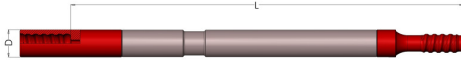
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T45SGT-76-1220	47650
	1525	5'	T45SGT-76-1525	47651
	1830	6'	T45SGT-76-1830	47652
	2440	8'	T45SGT-76-2440	47653
	3050	10'	T45SGT-76-3050	47654
	3660	12'	T45SGT-76-3660	47655

DRILL RODS

STARTER GUIDE TUBE - MALE / FEMALE

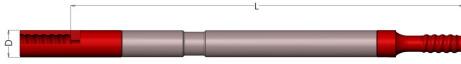


MF-Tube T51 - T51 - Rd 76 2" TRAPEZOIDAL THREAD (51mm) X 3" ROUND (76mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T51SGT-76-1220	47660
	1525	5'	T51SGT-76-1525	47661
	1830	6'	T51SGT-76-1830	47662
	2440	8'	T51SGT-76-2440	47663
	3050	10'	T51SGT-76-3050	47664
	3660	12'	T51SGT-76-3660	47665
	4270	14'	T51SGT-76-4270	47736

D = 76mm (3")

MF-Tube T51 - T51 - Rd 87 2" TRAPEZOIDAL THREAD (51mm) X 3-13/32" ROUND (87mm)

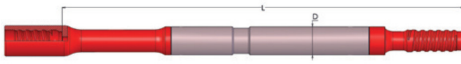
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T51SGT-87-1220	47700
	1525	5'	T51SGT-87-1525	47701
	1830	6'	T51SGT-87-1830	47702
	2440	8'	T51SGT-87-2440	47703
	3050	10'	T51SGT-87-3050	47704
	3760	12' 4"	T51SGT-87-3760	47705
	4270	14'	T51SGT-87-4270	47706

D = 87mm (3-13/32")

MF-Tube XT51 - XT51 - Rd 76 2" TRAPEZOIDAL THREAD (51mm) X 3" ROUND (76mm)

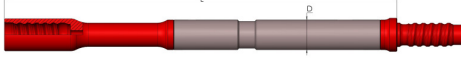
ROCKMORE Vector Rod System



	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3760	12' 4"	XT51SGT-76-3760	47731
	4270	14'	XT51SGT-76-4270	47737
	4670	15' 4"	XT51SGT-76-4670	47738
	5180	17'	XT51SGT-76-5180	47739

D = 76mm (3")

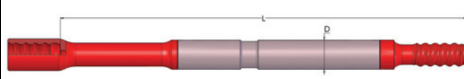
MF-Tube GT60 - GT60 - Rd 76 2-1/4" TRAPEZOIDAL THREAD (60mm) X 3" ROUND (76mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1525	5'	GT60SGT-76-1525	47671
	1830	6'	GT60SGT-76-1830	47672
	3050	10'	GT60SGT-76-3050	47674
	3660	12'	GT60SGT-76-3660	47675
	4270	14'	GT60SGT-76-4270	47676
	5200	17' 3/4"	GT60SGT-76-5200	47677

D = 76mm (3")

DRILL RODS **STARTER GUIDE TUBE - MALE / FEMALE**



MF-Tube T-WiZ60 - T-WiZ60 - Rd 76		2-1/4" TRAPEZOIDAL THREAD (60mm) X 3" ROUND (76mm)		
 D = 76mm (3")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4270	14'	TWIZ60SGT-76-4270	47604

DRILL RODS

HEX EXTENSION - MALE / MALE



R22 - R22 - HEX 22 7/8" ROPE THREAD (22mm) X 7/8" HEX (22mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	R2222H-610	47045
	915	3'	R2222H-915	47211
	1220	4'	R2222H-1220	47153
	1525	5'	R2222H-1525	47212
	1830	6'	R2222H-1830	47162

R25 - R25 - HEX 25 1" ROPE THREAD (25mm) X 1" HEX (25mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	R2525H-610	47199
	915	3'	R2525H-915	14943
	1000	3' 3"	R2525H-1000	14950
	1220	4'	R2525H-1220	14944
	1500	4' 11"	R2525H-1500	14952
	1525	5'	R2525H-1525	41565
	1830	6'	R2525H-1830	14946
	2100	6' 10-5/8"	R2525H-2100	14949
	2435	8'	R2525H-2435	14947
	3050	10'	R2525H-3050	14926
	3660	12'	R2525H-3660	41560
	4305	14' 1-1/2"	R2525H-4305	47086

R28 - R28 - HEX 28 1-1/8" ROPE THREAD (28mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	R2828H-610	47235
	915	3'	R2828H-915	47236
	1220	4'	R2828H-1220	47237
	1525	5'	R2828H-1525	47156
	1830	6'	R2828H-1830	47308
	2435	8'	R2828H-2435	47261
	3050	10'	R2828H-3050	47092
	3660	12'	R2828H-3660	47295
	3700	12' 1-1/2"	R2828H-3700	41541
	4005	13' 1-1/2"	R2828H-4005	47259

R32 - R32 - HEX 32 1-1/4" ROPE THREAD (32mm) X 1-1/4" HEX (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1500	4' 11"	R3232H-1500	41598
	2350	7' 8-1/2"	R3232H-2350	47421
	2475	8' 1-1/2"	R3232H-2475	47089
	2700	8' 10"	R3232H-2700	41585
	3090	10' 1-1/2"	R3232H-3090	47100
	3400	11' 2"	R3232H-3400	41579
	3700	12' 1-1/2"	R3232H-3700	41646
	4005	13' 1-1/2"	R3232H-4005	47218
	4305	14' 1-1/2"	R3232H-4305	41622
	4915	16' 1-1/2"	R3232H-4915	43905

DRILL RODS **HEX EXTENSION - MALE / MALE**



T45 - T45 - HEX 38 1-3/4" TRAPEZOIDAL THREAD (45mm) X 1-1/2" HEX (38mm)

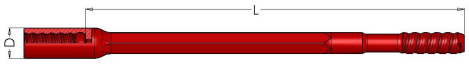
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T4538H-3050	11182
	3660	12'	T4538H-3660	11183
	4265	14'	T4538H-4270	11184

DRILL RODS

HEX EXTENSION - MALE / FEMALE



MF-Rod R25M - R25F - HEX 25 1" ROPE THREAD (25mm) X 1" HEX (25mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
 D = 36mm (1-13/32")	610	2'	R2525HMF-610	43778
	1220	4'	R2525HMF-1220	43779
	1525	5'	R2525HMF-1525	43789
	1830	6'	R2525HMF-1830	43790
	2435	8'	R2525HMF-2435	43791
	3050	10'	R2525HMF-3050	43792
	3660	12'	R2525HMF-3660	43802

MF-Rod R28M - R28F - HEX 28 1-1/8" ROPE THREAD (28mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
 D = 39mm (1-17/32")	610	2'	R2828HMF-610	43729
	915	3'	R2828HMF-915	43653
	1200	3' 11"	R2828HMF-1200	43667
	1525	5'	R2828HMF-1525	47067
	2435	8'	R2828HMF-2435	43786
	3050	10'	R2828HMF-3050	43893
	3660	12'	R2828HMF-3660	43894

DRILL RODS

DRIFTING AND TUNNELING - Hex



R25 - R32 - HEX 25 1" ROPE THREAD (25mm) X 1-1/4" ROPE THREAD (32mm) X 1" HEX (25mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	610	2'	R25R3225H-610	11552
	1830	6'	R25R3225H-1830	43803
	2130	7'	R25R3225H-2130	11165
	2475	8' 1-1/2"	R25R3225H-2475	11166
	2600	8' 6"	R25R3225H-2600	43643
	2795	9' 2"	R25R3225H-2795	43873
	2895	9' 6"	R25R3225H-2895	43602
	3090	10' 1-1/2"	R25R3225H-3090	11167
	3700	12' 1-1/2"	R25R3225H-3700	11553
	4005	13' 1-1/2"	R25R3225H-4005	43644
	4305	14' 1-1/2"	R25R3225H-4305	11554

R25 - R32 - HEX 28 1" ROPE THREAD (25mm) X 1-1/4" ROPE THREAD (32mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R25R3228H-2475	47274
	2600	8' 6"	R25R3228H-2600	47074
	2795	9' 2"	R25R3228H-2795	47289
	2850	9' 4"	R25R3228H-2850	43735
	3090	10' 1-1/2"	R25R3228H-3090	47068
	3700	12' 1-1/2"	R25R3228H-3700	47069
	4005	13' 1-1/2"	R25R3228H-4005	47272
	4305	14' 1-1/2"	R25R3228H-4305	47314

R25 - R38 - HEX 28 1" ROPE THREAD (25mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2000	6' 7"	R25R3828H-2000	47266
	3090	10' 1-1/2"	R25R3828H-3090	43731
	3700	12' 1-1/2"	R25R3828H-3700	43776
	4050	13' 3-1/2"	R25R3828H-4050	43971
	4305	14' 1-1/2"	R25R3828H-4305	47313

R28 - R32 - HEX 28 1-1/8" ROPE THREAD (28mm) X 1-1/4" ROPE THREAD (32mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	R28R3228H-1220	17473
	1525	5'	R28R3228H-1525	43775
	2475	8' 1-1/2"	R28R3228H-2475	47072
	2590	8' 6"	R28R3228H-2590	43720
	2795	9' 2"	R28R3228H-2795	47340
	3090	10' 1-1/2"	R28R3228H-3090	41634
	3400	11' 2"	R28R3228H-3400	47390
	3700	12' 1-1/2"	R28R3228H-3700	41635
	4005	13' 1-1/2"	R28R3228H-4005	41636
	4305	14' 1-1/2"	R28R3228H-4305	41632

R28 - R38 - HEX 28 1-1/8" ROPE THREAD (28mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R28R3828H-2475	47341
	3090	10' 1-1/2"	R28R3828H-3090	47176
	3700	12' 1-1/2"	R28R3828H-3700	41637
	4305	14' 1-1/2"	R28R3828H-4305	41633

DRILL RODS

DRIFTING AND TUNNELING - Hex



R28 - R38 - HEX 32 1-1/8" ROPE THREAD (28mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/4" HEX (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3090	10' 1-1/2"	R28R3832H-3090	47175
	3700	12' 1-1/2"	R28R3832H-3700	47145
	4005	13' 1-1/2"	R28R3832H-4005	47302
	4305	14' 1-1/2"	R28R3832H-4305	47146
	4915	16' 1-1/2"	R28R3832H-4915	47231
	5525	18' 1-1/2"	R28R3832H-5525	47331

R28 - T38 - HEX 28 1-1/8" ROPE THREAD (28mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/8" HEX (28mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R28T3828H-2475	41644
	3090	10' 1-1/2"	R28T3828H-3090	41643
	3300	10' 10"	R28T3828H-3300	41642
	3700	12' 1-1/2"	R28T3828H-3700	41640
	4305	14' 1-1/2"	R28T3828H-4305	41641

R28 - T38 - HEX 32 1-1/8" ROPE THREAD (28mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/4" HEX (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R28T3832H-2475	47090
	3090	10' 1-1/2"	R28T3832H-3090	47091
	3400	11' 2"	R28T3832H-3400	43634
	3700	12' 1-1/2"	R28T3832H-3700	47088
	4305	14' 1-1/2"	R28T3832H-4305	43978
	4915	16' 1-1/2"	R28T3832H-4915	43758
	5150	16' 10-3/4"	R28T3832H-5150	47458
	5525	18' 1-1/2"	R28T3832H-5525	43714

R32 - R38 - HEX 32 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/4" HEX (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1570	5' 2"	R32R3832H-1570	17641
	1800	5' 11"	R32R3832H-1800	43739
	2200	7' 2-1/2"	R32R3832H-2200	47202
	2475	8' 1-1/2"	R32R3832H-2475	47307
	3090	10' 1-1/2"	R32R3832H-3090	47058
	3700	12' 1-1/2"	R32R3832H-3700	47059
	4005	13' 1-1/2"	R32R3832H-4005	47154
	4305	14' 1-1/2"	R32R3832H-4305	47060
	4610	15' 1-1/2"	R32R3832H-4610	11142
	4915	16' 1-1/2"	R32R3832H-4915	47061
	5525	18' 1-1/2"	R32R3832H-5525	47294

R32 - R38 - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3090	10' 1-1/2"	R32R3835H-3090	47198
	3700	12' 1-1/2"	R32R3835H-3700	47165
	4005	13' 1-1/2"	R32R3835H-4005	47288
	4305	14' 1-1/2"	R32R3835H-4305	47148
	4915	16' 1-1/2"	R32R3835H-4915	47149
	5525	18' 1-1/2"	R32R3835H-5525	47179

DRILL RODS

DRIFTING AND TUNNELING - Hex



XR32 - R38 - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

ROCKMORE XR32 THREAD SYSTEM

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3090	10' 1-1/2"	XR32R3835H-3090	43603
	3700	12' 1-1/2"	XR32R3835H-3700	43614
	4305	14' 1-1/2"	XR32R3835H-4305	43640
	4915	16' 1-1/2"	XR32R3835H-4915	43615

MF-Rod R32M - R38F - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" FEMALE ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3700	12' 1-1/2"	R32R3835HMF-3700	47467
	4915	16' 1-1/2"	R32R3835HMF-4915	47466

R32 - T38 - HEX 32 1-1/4" ROPE THREAD (32mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/4" HEX (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R32T3832H-2475	43765
	2600	8' 6"	R32T3832H-2600	47319
	3090	10' 1-1/2"	R32T3832H-3090	11383
	3400	11' 2"	R32T3832H-3400	43871
	3700	12' 1-1/2"	R32T3832H-3700	11384
	4005	13' 1-1/2"	R32T3832H-4005	47306
	4305	14' 1-1/2"	R32T3832H-4305	11386
	4915	16' 1-1/2"	R32T3832H-4915	11388
	5525	18' 1-1/2"	R32T3832H-5525	47177

R32 - T38 - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R32T3835H-2475	43612
	3090	10' 1-1/2"	R32T3835H-3090	43743
	3700	12' 1-1/2"	R32T3835H-3700	47161
	4305	14' 1-1/2"	R32T3835H-4305	47150
	4460	14' 7-1/2"	R32T3835H-4460	43746
	4915	16' 1-1/2"	R32T3835H-4915	47151
	5525	18' 1-1/2"	R32T3835H-5525	47204
	6140	20' 1-1/2"	R32T3835H-6135	47209
	6400	21'	R32T3835H-6400	43627

XR32 - T38 - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-3/8" HEX (35mm)

ROCKMORE XR32 THREAD SYSTEM

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3700	12' 1-1/2"	XR32T3835H-3700	43613
	4305	14' 1-1/2"	XR32T3835H-4305	43638
	4915	16' 1-1/2"	XR32T3835H-4915	43641
	5525	18' 1-1/2"	XR32T3835H-5525	43689

DRILL RODS

DRIFTING AND TUNNELING - Hex



MF-Rod R32M - T38F - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" FEMALE TRAP. THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
 D = 56mm (2-7/32")	3090	10' 1-1/2"	R32T3835HMF-3090	47332
	3700	12' 1-1/2"	R32T3835HMF-3700	47297
	4305	14' 1-1/2"	R32T3835HMF-4305	47300
	4915	16' 1-1/2"	R32T3835HMF-4915	47301
	5525	18' 1-1/2"	R32T3835HMF-5525	47246
	6140	20' 1-1/2"	R32T3835HMF-6140	47380

R35 - R38 - HEX 35 1-3/8" ROPE THREAD (35mm) X 1-1/2" ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3700	12' 1-1/2"	R35R3835H-3700	43883
	4305	14' 1-1/2"	R35R3835H-4305	43854
	4915	16' 1-1/2"	R35R3835H-4915	43855
	5530	18' 1-1/2"	R35R3835H-5525	43816

R35 - T38 - HEX 35 1-3/8" ROPE THREAD (35mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	R35T3835H-3050	43951
	3700	12' 1-1/2"	R35T3835H-3700	43941
	4305	14' 1-1/2"	R35T3835H-4305	43856
	4915	16' 1-1/2"	R35T3835H-4915	43857
	5525	18' 1-1/2"	R35T3835H-5525	43721
	6140	20' 1-1/2"	R35T3835H-6140	43633
	6400	21'	R35T3835H-6400	43601

MF-Rod R35M - T38F - HEX 35 1-3/8" ROPE THREAD (35mm) X 1-1/2" FEMALE TRAP. THREAD (38mm) X 1-3/8" HEX (35mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
 D = 56mm (2-7/32")	3700	12' 1-1/2"	R35T3835HMF-3700	43848
	4310	14' 1-1/2"	R35T3835HMF-4305	43849
	4915	16' 1-1/2"	R35T3835HMF-4915	43852
	5525	18' 1-1/2"	R35T3835HMF-5525	43853
	6140	20' 1-1/2"	R35T3835HMF-6140	43866

DRILL RODS

DRIFTING AND TUNNELING - Round



R32 - R38 - RD 39 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/2" ROUND (39mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1830	6'	R32R3839R-1830	43657
	4305	14' 1-1/2"	R32R3839R-4305	43750
	4915	16' 1-1/2"	R32R3839R-4915	43764

R32 - T38 - RD 39 1-1/4" ROPE THREAD (32mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/2" ROUND (39mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4305	14' 1-1/2"	R32T3839R-4305	43987
	4915	16' 1-1/2"	R32T3839R-4915	43604
	5525	18' 1-1/2"	R32T3839R-5525	43605
	6140	20' 1-1/2"	R32T3839R-6135	43635
	6400	21'	R32T3839R-6400	43631

R35 - R38 - RD 39 1-3/8" ROPE THREAD (35mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/2" ROUND (39mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4305	14' 1-1/2"	R35R3839R-4305	43919
	4915	16' 1-1/2"	R35R3839R-4915	43681
	5525	18' 1-1/2"	R35R3839R-5525	43682

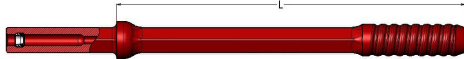
R35 - T38 - RD 39 1-3/8" ROPE THREAD (35mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/2" ROUND (39mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4305	14' 1-1/2"	R35T3839R-4305	43763
	4915	16' 1-1/2"	R35T3839R-4915	43920
	5525	18' 1-1/2"	R35T3839R-5525	43761
	6140	20' 1-1/2"	R35T3839R-6140	43737
	6400	21'	R35T3839R-6400	43785

SHANK RODS



R22 7/8" ROPE THREAD (22mm) X 7/8" HEX (22mm), 4-1/4" SHANK (108mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	22H-R22-255	47155
	1000	3' 3"	22H-R22-1000	43702
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	22H-R22-255-S	47152

R25 1" ROPE THREAD (25mm) X 7/8" HEX (22mm), 4-1/4" SHANK (108mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	22H-R25-255	14929
	610	2'	22H-R25-610	47076
	800	2' 7"	22H-R25-800	47143
	915	3'	22H-R25-915	43825
	1000	3' 3"	22H-R25-1000	14930
	1220	4'	22H-R25-1220	43826
	1830	6'	22H-R25-1830	43827
	2400	7' 10"	22H-R25-2400	47147
	3050	10'	22H-R25-3050	47203
	3200	10' 6"	22H-R25-3200	47354
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	22H-R25-255-S	43949
	610	2'	22H-R25-610-S	43863
	800	2' 7"	22H-R25-800-S	43801
	1600	5' 3"	22H-R25-1600-S	47112
	2440	8'	22H-R25-2440-S	47158

R25 1" ROPE THREAD (25mm) X 1" HEX (25mm), 4-1/4" SHANK (108mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25HX4-R25-255	14175
	610	2'	25HX4-R25-610	43829
	915	3'	25HX4-R25-915	43830
	1220	4'	25HX4-R25-1220	43831
	1525	5'	25HX4-R25-1525	43832
	1830	6'	25HX4-R25-1830	43833
	2440	8'	25HX4-R25-2440	43835
	3050	10'	25HX4-R25-3050	43837
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25HX4-R25-255-S	14173
	610	2'	25HX4-R25-610-S	47187

R25 1" ROPE THREAD (25mm) X 1" HEX (25mm), 6-1/4" SHANK (159mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25H-R25-255-S	41719

SHANK RODS



R32 1-1/4" ROPE THREAD (32mm) X 7/8" HEX (22mm), 4-1/4" SHANK (108mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	22H-R32-255	43782
	610	2'	22H-R32-610	47097
	1220	4'	22H-R32-1220	47098
	1830	6'	22H-R32-1830	47099

R32 1-1/4" ROPE THREAD (32mm) X 1" HEX (25mm), 4-1/4" SHANK (108mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25HX4-R32-255	43683
	610	2'	25HX4-R32-610	43933
	915	3'	25HX4-R32-915	43935
	1220	4'	25HX4-R32-1220	43936
	1525	5'	25HX4-R32-1525	43917
	1830	6'	25HX4-R32-1830	43937
	2440	8'	25HX4-R32-2440	43938
	3050	10'	25HX4-R32-3050	43939
	3660	12'	25HX4-R32-3660	47119
 WITH SEAL	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25HX4-R32-255-S	47038

R32 1-1/4" ROPE THREAD (32mm) X 1" HEX (25mm), 6-1/4" SHANK (159mm)

 WITH SEAL	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25H-R32-255-S	47026

BOART - HD 125, HE 125, HD 150, HE 150

Technical drawing of a red metal pin. The drawing shows a side view and a cross-section. The side view has dimensions: 44,30 (total length), 44,30 (length of the hexagonal section), 64 (length of the threaded section), and 18,20 (length of the pin head). The cross-section shows a hexagonal head with a diameter of 55,50.

BOHLER - HS 448

Technical drawing of a red metal pin. The drawing shows a side view of the pin with a hexagonal section in the middle. Dimensions are indicated: 1.40 for the hexagonal section length, 5.52 for the total length, and 4.52 for the length of the threaded section at the end. A detail view of the hexagonal section is shown on the right, indicating a hex size of 4.52.

CASAGRANDE - C6

Technical drawing of a red metal bolt. The main view shows a bolt with a hexagonal head and a threaded shank. Dimensions are indicated: $\phi 10$ for the head diameter, $\phi 7$ for the shank diameter, and L for the total length. A cross-section view on the right shows the hexagonal head with a central hole and a dimension of ± 0.05 for the hole diameter. The weight is specified as $32g$.

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	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER		
	THREAD	mm	In.	mm	In.	USA	AUSTRIA
	R25	400	15.75	28	1.10	R25184SF-001	41978
	R28	400	15.75	28	1.10	R28184SF-001	41966

		OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	THREAD	mm	In.	mm	In.	USA	AUSTRIA
	R32	425	16.73	32	1.25	R32177SF-001	41922
		OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	THREAD	mm	In.	mm	In.	USA	AUSTRIA
	R32	470	18.50	39	1.54	R32177SF-002	48145

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	580	22.83	56	2.20	R32186SF-002	48222
	R38	580	22.83	56	2.20	R38186SF-002	48198
	T38	580	22.83	56	2.20	T38186SF-002	48193
	TI40	580	22.83	56	2.20	TI40186SF-002	48199
	R51	580	22.83	56	2.20	R51186SF-002	48194

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	430	16.93	56	2.20	R32186SF-003	48190
	R38	430	16.93	56	2.20	R38186SF-003	48191
	T38	430	16.93	56	2.20	T38186SF-003	48202
	TI40	430	16.93	56	2.20	TI40186SF-003	48200

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	465	18.31	45	1.75	R32186SF-001	48153
	T38	465	18.31	45	1.75	T38186SF-001	48147

		OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	THREAD	mm	In.	mm	In.	USA	AUSTRIA
	T38	515	20.28	39	1.52	T38178SF-001	41914

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SHANK ADAPTERS



DOOFOR - DF 545HD, 560L

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	515	20.28	45	1.75	R32185SF-002	48167
T38	570	22.44	45	1.75	T38185SF-001	48134
T45	570	22.44	45	1.75	T45185SF-001	41937

DOOFOR - DF 600 S, 700 S

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	600	23.62	52	2.04	R3258SF-002	48180
T35	600	23.62	52	2.04	T3558SF-002	48159
T38	600	23.62	52	2.04	T3858SF-002	48956
T45	600	23.62	52	2.04	T4558SF-002	48899
XT45 *	600	23.62	52	2.04	XT4558SF-002	48075
T51	600	23.62	52	2.04	T5158SF-002	48900
XT51 *	600	23.62	52	2.04	XT5158SF-002	48013

DOOFOR - DF 800HD

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	560	22.05	60	2.36	T45187SF-001	48176
T51	560	22.05	60	2.36	T51187SF-001	48177

EPIROC

EPIROC - RD 14S, 18S, 22S

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	655	25.79	52	2.05	T38336SF-001	48219
T45	655	25.79	52	2.05	T45336SF-001	48189
T51	655	25.79	52	2.05	T51336SF-001	48164

EPIROC - COP MD20

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R38	470	18.50	38	1.50	R38335SF-001	48140
T38	470	18.50	38	1.50	T38335SF-001	48131
R38	560	22.05	38	1.50	R38335SF-002	48252
T38	560	22.05	38	1.50	T38335SF-002	48207

* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



EPIROC - BBC 42, 43, 44, 45, 100

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R25	380	14.96	32	1.24	R254410-001	13394
R32	380	14.96	32	1.24	R324410-001	13397

EPIROC - BBC 51, 52, 54, 120

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	380	14.96	38	1.49	R323110-001	11090
R38	390	15.35	38	1.49	R383110-002	47800
T38	390	15.35	38	1.49	T383110-002	41789

EPIROC - BBE 56U2, 57, 5701

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	537	21.14	44	1.74	T383214-001	11484
T45	550	21.65	44	1.74	T453214-002	11335

EPIROC - COP 1028

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R28	400	15.75	45	1.75	R28138SF-001	41801
R32	400	15.75	45	1.75	R32138SF-001	41823

EPIROC - COP 1036, 1038, 1238 (MALE)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	485	19.09	38	1.50	R3235SF-002	47971
R38	485	19.09	38	1.50	R3835SF-002	47815
T38	485	19.09	38	1.50	T3835SF-002	11085
R32	500	19.69	38	1.50	R3235SF-003	41764
R38	500	19.69	38	1.50	R3835SF-003	41779
T38	500	19.69	38	1.50	T3835SF-003	47827

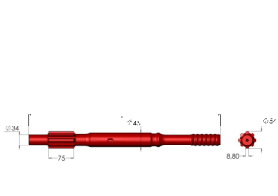
THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	575	22.64	38	1.50	R3235SF-005	41781
T38	575	22.64	38	1.50	T3835SF-005	41782

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



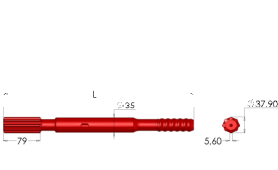
EPIROC - COP 1036, 1038, 1238 (MALE) (CONTINUED)

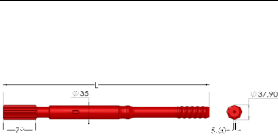
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	575	22.64	45	1.75	R3235SF-006	48946
	R38	575	22.64	45	1.75	R3835SF-006	47852
	T38	575	22.64	45	1.75	T3835SF-006	47982
	T45	575	22.64	45	1.75	T4535SF-006	47892

EPIROC - COP 1036, 1038, 1238 (FEMALE)

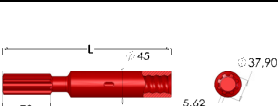
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	710	27.95	52	2.05	R3235SF-010	48088
	R38	710	27.95	52	2.05	R3835SF-010	48087
	T130	710	27.95	52	2.05	T13035SF-010	48099

EPIROC - COP 1132, RR11 (MALE)

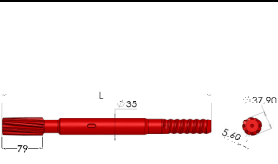
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R28	410	16.14	35	1.38	R2848SF-001	48061
	R32	410	16.14	35	1.38	R3248SF-001	41882
	T35	410	16.14	35	1.38	T3548SF-001	48149

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	500	19.69	35	1.38	R32148SF-001	41949
	T35	500	19.69	35	1.38	T35148SF-001	48150

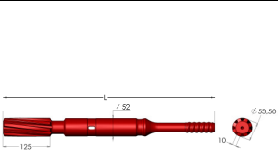
EPIROC - COP 1132, RR11 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	280	11.02	45	1.75	R3249SF-001	41862

EPIROC - COP 1140, 1435, SC14, RR14

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	410	16.14	35	1.38	R32144SF-001	48066
	R32	500	19.69	35	1.38	R32144SF-002	48067

EPIROC - COP 1240, 1640, SC16, SC19, SC25HF

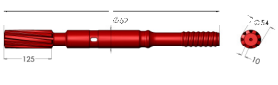
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	565	22.24	52	2.05	R3243SF-001	48000
	T35	565	22.24	52	2.05	T3543SF-001	48034
	T38	565	22.24	52	2.05	T3843SF-001	48001

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



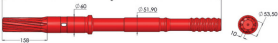
EPIROC - COP 1240, 1640, 1840, 1850, 2540 AND + VERSIONS

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	565	22.24	52	2.05	T4543SF-001	48864
	XT45 *	565	22.24	52	2.05	XT4543SF-001	48035
	T51	565	22.24	52	2.05	T5143SF-001	48849
	XT51 *	565	22.24	52	2.05	XT5143SF-001	48036

EPIROC - COP 1240EX, 1640EX, SC19X, SC 25X-HF

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	770	30.31	60	2.36	R3243SF-002	48002
	T38	770	30.31	60	2.36	T3843SF-002	48003

EPIROC - COP 1240EX, 1640EX, 1840EX, 1850EX, 2150EX, 2540EX, 2550EX, SC19X, SC 25X-HF

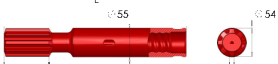
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	770	30.31	60	2.36	T4543SF-002	48865
	T51	770	30.31	60	2.36	T5143SF-002	48866
	XT51 *	770	30.31	60	2.36	XT5143SF-002	48031

EPIROC - COP 1432, 1440, 1532, 1550, 1638, 1838, 2238 AND + VERSIONS

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	435	17.13	38	1.50	R3236SF-001	47899
	R38	435	17.13	38	1.50	R3836SF-001	47879
	T38	435	17.13	38	1.50	T3836SF-001	47894

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	525	20.67	38	1.50	R3236SF-002	47886
	R38	525	20.67	38	1.50	R3836SF-002	48897
	T35	525	20.67	38	1.50	T3536SF-002	48028
	T38	525	20.67	38	1.50	T3836SF-002	48943

EPIROC - COP 1432, 1532 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	340	13.39	55	2.17	R3242SF-002	48889
	R38	340	13.39	55	2.17	R3842SF-002	48898

* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



EPIROC - COP 1440, 1550, 1838 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	525	20.67	52	2.05	R3237SF-002	48940
	T35	525	20.67	52	2.05	T3537SF-002	41951
	T38	525	20.67	52	2.05	T3837SF-002	48846
	T45	525	20.67	52	2.05	T4537SF-002	47916
	T51	525	20.67	52	2.05	T5137SF-002	47917

EPIROC - COP 1440, 1550, 1838 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	640	25.20	52	2.05	R3237SF-005	41889
	R38	650	25.59	52	2.05	R3837SF-007	41917

EPIROC - COP 1838 MUX/HUX

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	730	28.74	52	2.05	T38147SF-001	48038
	T45	730	28.74	52	2.05	T45147SF-001	48037
	XT45 *	730	28.74	52	2.05	XT45147SF-001	48096
	T51	730	28.74	52	2.05	T51147SF-001	48039

EPIROC - COP 2160, 2560

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	770	30.31	60	2.36	T3846SF-001	41989
	T45	770	30.31	60	2.36	T4546SF-001	41873
	T51	770	30.31	60	2.36	T5146SF-001	41874

EPIROC - COP 2160EX, 2560EX

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	770	30.31	63	2.48	T4547SF-001	41883
	T51	770	30.31	63	2.48	T5147SF-001	41884
	XT51 *	770	30.31	63	2.48	XT5147SF-001	48032
	GT60	770	30.31	63	2.48	GT6047SF-001	48012

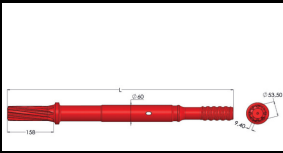
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

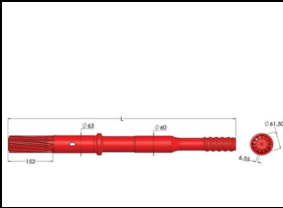
SHANK ADAPTERS



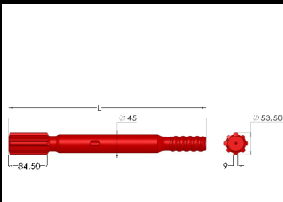
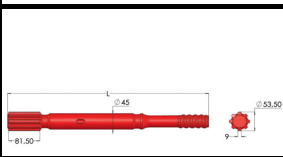
EPIROC - COP 2550UX, 2550UX+

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	770	30.31	60	2.36	T45117SF-001	48165
	T51	770	30.31	60	2.36	T51117SF-001	48161

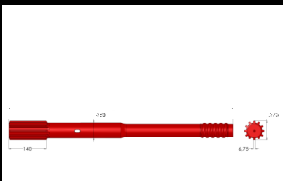
EPIROC - COP 2560EX, 2560EX+, SC25-HE

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	770	30.31	63	2.48	T45116SF-001	48089
	T51	770	30.31	63	2.48	T51116SF-001	48091
	XT51 *	770	30.31	63	2.48	XT51116SF-001	48092
	T-WiZ60	770	30.31	63	2.48	TWIZ60116SF-001	48094

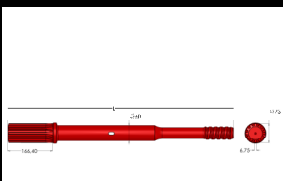
EPIROC - COP 3038

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	435	17.13	45	1.75	R38115SF-003	48049
	T38	435	17.13	45	1.75	T38115SF-003	48050
	T45	450	17.72	45	1.75	T45115SF-001	48048
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	525	20.67	45	1.75	R32115SF-002	48051
	T38	525	20.67	45	1.75	T38115SF-002	48052

EPIROC - COP 3060 ME

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	840	33.07	60	2.36	T51111SF-001	48117
	GT60	840	33.07	60	2.36	GT60111SF-001	48173
	T-WiZ60	840	33.07	60	2.36	TWIZ60111SF-001	48151

EPIROC - COP 3060 MEX

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	840	33.07	60	2.36	T51112SF-001	48071
	GT60	840	33.07	60	2.36	GT60112SF-001	48174
	T-WiZ60	840	33.07	60	2.36	TWIZ60112SF-001	48142

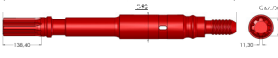
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS

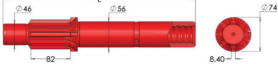


EPIROC - COP 4050 MUX

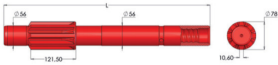
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	ST58	835	32.87	90	3.54	ST58145SF-001	48016
	ST68	835	32.87	90	3.54	ST68145SF-001	48018

EURODRILL

EURODRILL - HD 1002 (FEMALE)

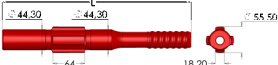
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	410	16.14	56	2.20	R32326SF-001	48119
	R38	430	16.93	56	2.20	R38326SF-002	48120
	T130	380	14.96	56	2.20	T130326SF-003	41733
	T140	400	15.75	56	2.20	T140326SF-004	41734

EURODRILL - HD 2002, 2004 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	555	21.85	56	2.20	R32327SF-001	48121
	R38	555	21.85	56	2.20	R38327SF-001	48122

FURUKAWA

FURUKAWA - M 120, HD 200, PD 200 (4 SPLINES)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	380	14.96	44	1.74	R322014-001	41760
	R38	380	14.96	44	1.74	R382014-001	11337
	T38	380	14.96	44	1.74	T382014-001	41761
	T45	380	14.96	44	1.74	T452014-001	41759
	R32	446	17.56	44	1.74	R322014-002	11341
	R38	446	17.56	44	1.74	R382014-002	11338
	T38	446	17.56	44	1.74	T382014-002	11339
	T45	446	17.56	44	1.74	T452016-002	11331

FURUKAWA - PD 200R

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	484	19.06	44	1.73	T3812614-002	47940
	T45	484	19.06	44	1.73	T4512614-002	41834

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



FURUKAWA - HD 260

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	537	21.14	44	1.74	T383214-001	11484
T45	550	21.65	44	1.74	T453214-002	11335

FURUKAWA - HD 300

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R38	655	25.79	45	1.75	R388616-001	41765
T38	655	25.79	45	1.75	T388616-001	41827
T45	655	25.79	45	1.75	T458616-001	41828

FURUKAWA - HD 500

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	635	25.00	56	2.20	T388716-002	48033
T45	635	25.00	56	2.20	T458716-002	41905
T51	635	25.00	56	2.20	T518716-002	48974

FURUKAWA - HD 609 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R38	620	24.41	45	1.75	R38121SF-001	41860
T38	620	24.41	45	1.75	T38121SF-001	41829
T45	620	24.41	45	1.75	T45121SF-001	41830
THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	690	27.17	45	1.75	T38121SF-004	41853
T45	690	27.17	45	1.75	T45121SF-004	41854

FURUKAWA - HD 612 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	670	26.38	51	2.00	T45122SF-001	41844
T51	670	26.38	51	2.00	T51122SF-001	41851

FURUKAWA - HD 612 (QED)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	845	33.27	51	2.00	T45122SF-002	41841
T51	845	33.27	51	2.00	T51122SF-002	41831

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



FURUKAWA - HD 615 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T51	700	27.56	58	2.28	T51123SF-001	41842
T51	880	34.65	58	2.28	T51123SF-003	48942

FURUKAWA - HD 709 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	620	24.41	45	1.75	T38130SF-001	41898
T45	620	24.41	45	1.75	T45130SF-001	41897

FURUKAWA - HD 709 (QED)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	785	30.91	45	1.75	T38130SF-003	41943
T45	785	30.91	45	1.75	T45130SF-003	41955
T45	815	32.09	45	1.75	T45130SF-002	41931

FURUKAWA - HD 712 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	590	23.23	51	2.00	T45128SF-002	41858
T51	590	23.23	51	2.00	T51128SF-002	41859
T45	790	31.10	51	2.00	T45128SF-001	41876
XT45 *	790	31.10	51	2.00	XT45128SF-001	48105
T51	790	31.10	51	2.00	T51128SF-001	41896

FURUKAWA - HD 712 (QED)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	885	34.84	51	2.00	T45128SF-003	41913
T51	885	34.84	51	2.00	T51128SF-003	41912
XT51 *	885	34.84	51	2.00	XT51128SF-003	48044

FURUKAWA - HD 715 (STD)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T51	790	31.10	58	2.28	T51127SF-001	41865
XT51 *	790	31.10	58	2.28	XT51127SF-001	48074

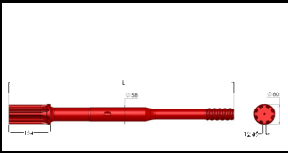
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

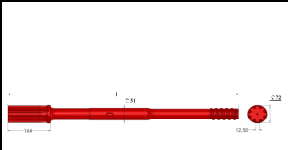
SHANK ADAPTERS



FURUKAWA - HD 715 (QED)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	885	34.84	58	2.28	T51127SF-002	41932
	XT51 *	885	34.84	58	2.28	XT51127SF-002	48041

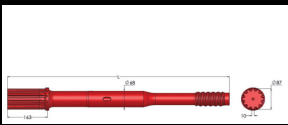
FURUKAWA - HD 822, 826 (QED)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	885	34.84	51	2.00	T51132SF-001	48065
	XT51 *	885	34.84	51	2.00	XT51132SF-001	48068

FURUKAWA - HD 836 (STD)

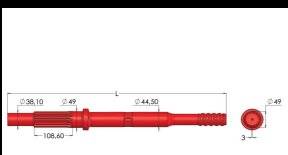
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	793	31.22	68	2.68	GT60133SF-001	48169

FURUKAWA - HD 836 (QED)

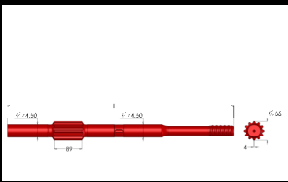
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	900	35.43	68	2.68	GT60133SF-002	48179

GARDNER DENVER

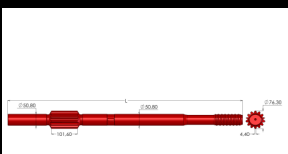
GARDNER DENVER - HPR 1

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	620	24.41	45	1.75	T3822SF-002	47850
	T45	620	24.41	45	1.75	T4522SF-002	47860

GARDNER DENVER - HPR 1 H

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	725	28.54	45	1.75	R3823SF-001	47922
	T38	725	28.54	45	1.75	T3823SF-001	47953
	T45	725	28.54	45	1.75	T4523SF-001	47923

GARDNER DENVER - HPR 2 H

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	915	36.02	51	2.00	T4524SF-001	48863
	T51	915	36.02	51	2.00	T5124SF-001	47924

* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



GARDNER DENVER - 93

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R25	380	14.96	32	1.24	R254410-001	13394
R32	380	14.96	32	1.24	R324410-001	13397

GARDNER DENVER - PR 123 (4 SPLINES)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	380	14.96	44	1.74	R322014-001	41760
R38	380	14.96	44	1.74	R382014-001	11337
T38	380	14.96	44	1.74	T382014-001	41761
T45	380	14.96	44	1.74	T452014-001	41759
R32	446	17.56	44	1.74	R322014-002	11341
R38	446	17.56	44	1.74	R382014-002	11338
T38	446	17.56	44	1.74	T382014-002	11339
T45	446	17.56	44	1.74	T452016-002	11331

GARDNER DENVER-REEDRILL-CATERPILLAR

GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 4519

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	770	30.31	44	1.74	T38301SF-001	41861
T45	770	30.31	44	1.74	T45301SF-001	41866

GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 5123

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	770	30.31	51	2.00	T45300SF-001	48996
T51	770	30.31	51	2.00	T51300SF-001	48991

GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 5128

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	915	36.02	51	2.00	T4524SF-001	48863
T51	915	36.02	51	2.00	T5124SF-001	47924

GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 6030

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T51	1041	40.98	61	2.39	T51302SF-001	41900
ST58	1041	40.98	61	2.39	ST58302SF-001	41901
GT60	1041	40.98	61	2.39	GT60302SF-001	48072

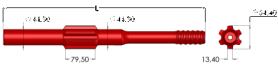
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS

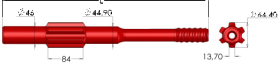


INGERSOLL RAND

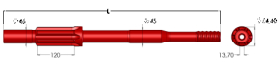
INGERSOLL RAND - YH 60

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	537	21.14	44	1.74	T383214-001	11484
	T45	550	21.65	44	1.74	T453214-002	11335

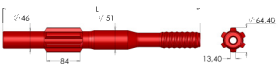
INGERSOLL RAND - YH 65, 70, 80

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	495	19.49	45	1.75	T381419-001	47943
	T45	495	19.49	45	1.75	T451419-001	47954

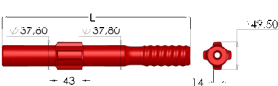
INGERSOLL RAND - YH 65 RP, 70 RP, 80 RP (REVERSE PERCUSSIVE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	700	27.56	45	1.75	T381519-001	48809
	T45	700	27.56	45	1.75	T451519-001	48810

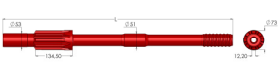
INGERSOLL RAND - YH 80 A

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	495	19.49	51	2.00	T451119-001	48925
	T51	495	19.49	51	2.00	T511119-001	48922

INGERSOLL RAND - YD 90 M

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	330	12.99	38	1.49	R321310-001	47837
	R38	330	12.99	38	1.49	R381310-001	48830
	T38	330	12.99	38	1.49	T381310-001	47863

INGERSOLL RAND - YH 95 RP, 100 RP (REVERSE PERCUSSIVE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	840	33.07	51	2.00	T451723-001	41832
	T51	840	33.07	51	2.00	T511723-001	47956

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



INGERSOLL RAND - YH 110 V, 135

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T45	728	28.66	55	2.17	T4510SF-001	48027
T51	728	28.66	55	2.17	T5110SF-001	48921
T51	890	35.04	55	2.17	T5110SF-002	48125

INGERSOLL RAND - EVL 130, VL 140 (12 SPLINES)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	349	13.74	44	1.74	T381814-001	41849
T45	349	13.74	44	1.74	T451814-001	48880
T38	381	15.00	44	1.74	T381814-002	48881
T45	381	15.00	44	1.74	T451814-002	48882

INGERSOLL RAND - HYDRASTAR 200 (FEMALE-SIDE FLUSH)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	351	13.82	45	1.75	R3299SF-001	47927

INGERSOLL RAND - 350

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R25	380	14.96	32	1.24	R254410-001	13394
R32	380	14.96	32	1.24	R324410-001	13397

INGERSOLL RAND - URD 475 A, 550, VL 120, VL 140, F16

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	380	14.96	44	1.74	R322014-001	41760
R38	380	14.96	44	1.74	R382014-001	11337
T38	380	14.96	44	1.74	T382014-001	41761
T45	380	14.96	44	1.74	T452014-001	41759
R32	446	17.56	44	1.74	R322014-002	11341
R38	446	17.56	44	1.74	R382014-002	11338
T38	446	17.56	44	1.74	T382014-002	11339
T45	446	17.56	44	1.74	T452016-002	11331

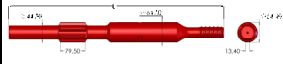
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



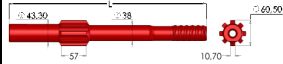
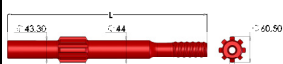
JOHN HENRY

JOHN HENRY - HB 101, 102 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	690	27.17	65	2.54	T38150SF-003	41754
	T45	690	27.17	65	2.54	T45150SF-003	41755
	T51	711	27.99	65	2.54	T51150SF-005	41756

JOY

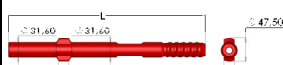
JOY - VCR 260, 360

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	450	17.72	38	1.50	R387116-006	41813
	T38	450	17.72	38	1.50	T387116-006	47844
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	450	17.72	44	1.73	R387116-005	41767
	T38	450	17.72	44	1.73	T387116-005	47848
	T45	450	17.72	44	1.73	T457116-005	47920

JOY - VCR 361

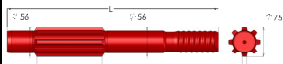
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	440	17.32	44	1.74	T387219-001	48918
	T45	440	17.32	44	1.74	T457219-001	47930

JOY - 400 RR

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R25	380	14.96	32	1.24	R254410-001	13394
	R32	380	14.96	32	1.24	R324410-001	13397

KLEMM

KLEMM - 4026, 4053

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R55 LI	500	19.69	56	2.20	R5525000-001	41811
	A55 RE	500	19.69	56	2.20	A5525000-001	41812

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



KRUPP

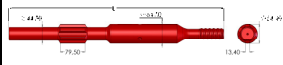
KRUPP - HB 5A (FLEXI SHAFT)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	473	18.62	36	1.42	R32157SF-004	41924

KRUPP - HB 5A

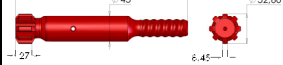
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	470	18.50	56	2.20	R38157SF-003	41910

KRUPP - HB 101

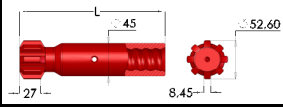
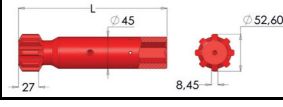
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	690	27.17	65	2.54	T38150SF-003	41754
	T45	690	27.17	65	2.54	T45150SF-003	41755
	T51	711	27.99	65	2.54	T51150SF-005	41756

MONTABERT

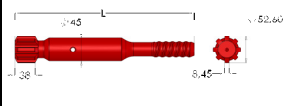
MONTABERT - HC 20 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	287	11.30	45	1.75	R32181SF-001	41933
	T38	300	11.81	45	1.75	T38181SF-001	41986

MONTABERT - HC 20 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	187	7.36	45	1.75	R32180SF-001	41929
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	HEX 22	199	7.83	45	1.75	H22180SF-002	48114
	HEX 25	199	7.83	45	1.75	H25180SF-002	48144

MONTABERT - HC 25 (MALE)

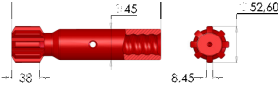
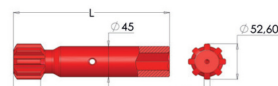
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	340	13.39	45	1.75	R32183SF-001	41957
	R38	350	13.78	45	1.75	R38183SF-002	41964
	T38	350	13.78	45	1.75	T38183SF-002	48132

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

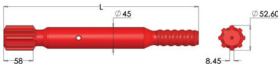
SHANK ADAPTERS



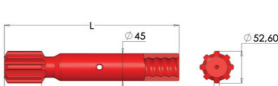
MONTABERT - HC 25 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R28	202	7.95	45	1.75	R28182SF-001	48020
	R32	202	7.95	45	1.75	R32182SF-001	41930
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	HEX 25	218	8.58	45	1.75	H25182SF-002	48109

MONTABERT - HC 28 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T35	385	15.16	45	1.75	T3589SF-003	48148

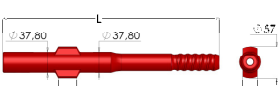
MONTABERT - HC 28 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	272	10.71	45	1.75	R3289SF-001	48076

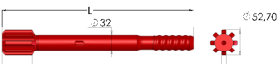
MONTABERT - TA 35, LC 50 (R)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R25	380	14.96	32	1.24	R254410-001	13394
	R32	380	14.96	32	1.24	R324410-001	13397

MONTABERT - H 40, 50, 60, 70 (LEYNER)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	380	14.96	38	1.49	R323110-001	11090
	R38	390	15.35	38	1.49	R383110-002	47800
	T38	390	15.35	38	1.49	T383110-002	41789

MONTABERT - HC 40 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	372	14.65	32	1.25	R3290SF-004	47938

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



MONTABERT - HC 40, 50 (MALE)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	372	14.65	38	1.50	R3290SF-005	48977
R38	380	14.96	38	1.50	R3890SF-005	48817
T38	381	15.00	38	1.50	T3890SF-006	47984
R32	440	17.32	38	1.50	R3290SF-003	47986
R38	440	17.32	38	1.50	R3890SF-003	48848
T38	447	17.60	38	1.50	T3890SF-003	47985

MONTABERT - HC 40, 50 (FEMALE)

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	270	10.63	45	1.75	R3297SF-001	47941

MONTABERT - HC 80, 90, 105, 108, 109, 120

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	440	17.32	38	1.50	R3291SF-001	41895
R38	440	17.32	38	1.50	R3891SF-001	41797
T38	440	17.32	38	1.50	T3891SF-001	41824
R32	500	19.69	38	1.50	R3291SF-002	41983
R38	500	19.69	38	1.50	R3891SF-002	41815
T38	500	19.69	38	1.50	T3891SF-002	41787

MONTABERT - HC 80, 108, 109, 120, 150

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	490	19.29	45	1.75	T3892SF-001	41819
T45	490	19.29	45	1.75	T4592SF-001	41814
T38	540	21.26	45	1.75	T3892SF-002	41881

MONTABERT - HC 80 RP, 105 RP, 107 RP, 108 RP, 109 RP

THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
T38	670	26.38	45	1.75	T3893SF-001	48837
T45	670	26.38	45	1.75	T4593SF-001	41825
T45	771	30.35	45	1.75	T4593SF-004	48953

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



MONTABERT - HC 95, 95SA

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	438	17.24	45	1.75	R38102SF-001	41958
	T38	438	17.24	45	1.75	T38102SF-001	41963
	T45	453	17.83	45	1.75	T45102SF-002	41965
	R38	500	19.69	45	1.75	R38102SF-003	41990
	T38	500	19.69	45	1.75	T38102SF-003	41991

MONTABERT - HC 95 R, 95 LM

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	503	19.80	45	1.75	R32101SF-001	48987
	R38	503	19.80	45	1.75	R38101SF-001	41967
	T38	503	19.80	45	1.75	T38101SF-001	41959
	T45	518	20.39	45	1.75	T45101SF-003	41960

MONTABERT - HC 95 R, 95 LQ

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	518	20.39	51	2.00	T45101SF-002	41961
	T51	530	20.87	51	2.00	T51101SF-004	41962

MONTABERT - H 100 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	537	21.14	44	1.74	T383214-001	11484
	T45	550	21.65	44	1.74	T453214-002	11335

MONTABERT - HC 110 CA/CS

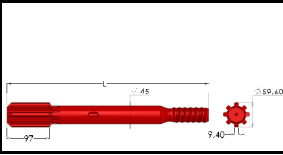
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	415	16.34	45	1.75	R38104SF-001	41954
	T38	415	16.34	45	1.75	T38104SF-001	41927
	T45	425	16.73	45	1.75	T45104SF-002	41928
	T38	530	20.87	45	1.75	T38104SF-003	41976

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

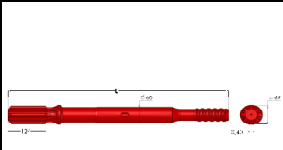
SHANK ADAPTERS



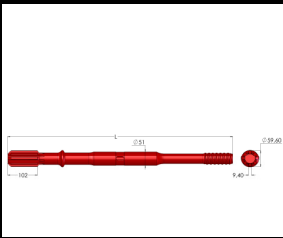
MONTABERT - HC 110 MT

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	460	18.11	45	1.75	R38103SF-001	41984
	T38	460	18.11	45	1.75	T38103SF-001	41985

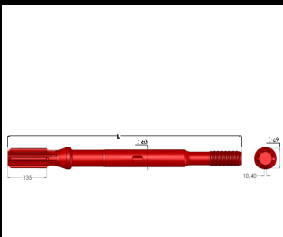
MONTABERT - HC 112 LH

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	726	28.58	60	2.36	T51100SF-001	41982
	GT60	726	28.58	60	2.36	GT60100SF-001	41940

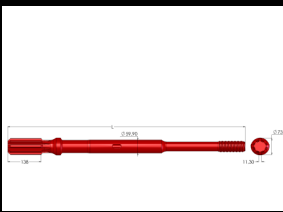
MONTABERT - HC 120 RP, 150 RP, 155 RP, 158 RP

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	670	26.38	51	2.00	T4593SF-002	48862
	T51	670	26.38	51	2.00	T5193SF-002	41826
	T45	771	30.35	51	2.00	T4593SF-003	48954
	T51	771	30.35	51	2.00	T5193SF-003	48955

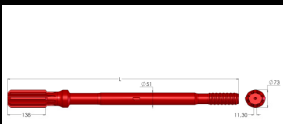
MONTABERT - HC 160, 170

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	757	29.80	60	2.36	T4596SF-002	48026
	T45	810	31.89	60	2.36	T4596SF-001	48994
	T51	810	31.89	60	2.36	T5196SF-001	48995
	GT60	810	31.89	60	2.36	GT6096SF-001	41975

MONTABERT - HC 200 A

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	840	33.07	60	2.36	T5195SF-002	48979
	GT60	840	33.07	60	2.36	GT6095SF-002	48015
	T51	980	38.58	60	2.36	T5195SF-003	48978

MONTABERT - HC 200, 200 R

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	840	33.07	51	2.00	T5195SF-001	48947

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



MORATH

MORATH - HBL 21 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	375	14.76	40	1.57	R32228SF-001	41992
	R38	375	14.76	40	1.57	R38228SF-001	41993
	Ti30	375	14.76	40	1.57	Ti30228SF-001	41996
	Ti40	375	14.76	40	1.57	Ti40228SF-001	41997

MORATH - HBL 70, 110 (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	445	17.52	63	2.48	R32229SF-001	41994
	R38	445	17.52	63	2.48	R38229SF-001	41995
	Ti30	445	17.52	63	2.48	Ti30229SF-001	41998
	Ti40	445	17.52	63	2.48	Ti40229SF-001	41999

SANDVIK

SANDVIK - HLX 1, RD 106

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R22	265	10.43	28	1.10	R2265SF-001	48025
	R25	265	10.43	28	1.10	R2565SF-001	48024
	R28	265	10.43	28	1.10	R2865SF-001	48220

SANDVIK - HL 300 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	400	15.75	32	1.25	R3257SF-002	47947

SANDVIK - HL 300 S (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	245	9.65	45	1.75	R3257SF-001	47912

SANDVIK - RD 308, RD 314, RD 414, HLX 3 (F) (MALE)

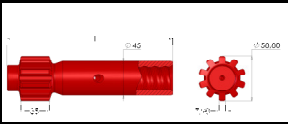
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	410	16.14	38	1.50	R3267SF-002	48187
	T38	410	16.14	38	1.50	T3867SF-002	48186

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

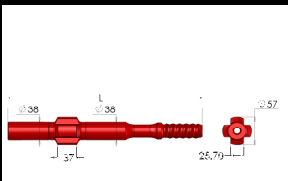
SHANK ADAPTERS



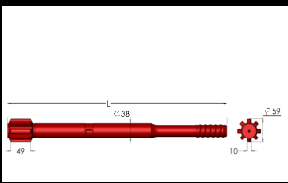
SANDVIK - RD 308, RD 314, RD 414, HLX 3 (F) (FEMALE)

	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	205	8.07	45	1.75	R3267SF-001	48060

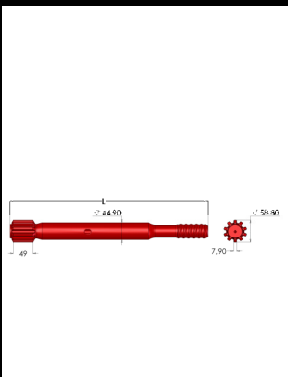
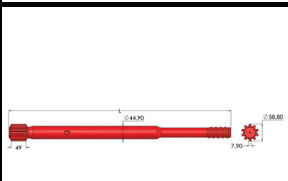
SANDVIK - HLR 438 L, 438 T

	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	380	14.96	38	1.50	R325113-001	41766
R38	380	14.96	38	1.50	R385113-001	47847
T38	380	14.96	38	1.50	T385113-001	47845

SANDVIK - HLR 438 LS, HL 500-38, HL 510-38, HL 538 BL, HL 550 S

	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	550	21.65	38	1.50	R3252SF-002	47945
R38	550	21.65	38	1.50	R3852SF-002	47895
T38	550	21.65	38	1.50	T3852SF-002	47881

SANDVIK - HLX 5, HLX 5 T, HFX 5 T (10 SPLINES)

	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	500	19.69	45	1.75	R3260SF-001	48959
R38	500	19.69	45	1.75	R3860SF-001	48960
T38	500	19.69	45	1.75	T3860SF-001	48952
T45	500	19.69	45	1.75	T4560SF-001	48973
R38	575	22.64	45	1.75	R3860SF-004	48064
T38	575	22.64	45	1.75	T3860SF-004	48988
T45	575	22.64	45	1.75	T4560SF-004	48984
T38	600	23.62	45	1.75	T3860SF-002	48983
	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
	mm	In.	mm	In.	USA	AUSTRIA
R32	750	29.53	45	1.75	R3260SF-005	48143
T38	750	29.53	45	1.75	T3860SF-005	41890
T45	750	29.53	45	1.75	T4560SF-005	41891

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



SANDVIK - HLX 5 PE-45 (8 SPLINES)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	575	22.64	45	1.75	R3261SF-001	41887
	T35	575	22.64	45	1.75	T3561SF-001	48082
	T38	575	22.64	45	1.75	T3861SF-001	41888
	T45	575	22.64	45	1.75	T4561SF-001	48158
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	735	28.94	45	1.75	R3261SF-002	48021
	R38	735	28.94	45	1.75	R3861SF-002	48030
	T38	735	28.94	45	1.75	T3861SF-002	48006
	T45	735	28.94	45	1.75	T4561SF-002	48042

SANDVIK - HL 500-45, 510-45

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	550	21.65	45	1.75	T3852SF-003	41838
	T45	550	21.65	45	1.75	T4552SF-003	48807

SANDVIK - HL 500 S-38, 510 S-38, 510 B, 510 LH

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	450	17.72	38	1.50	R3252SF-001	47909
	T35	450	17.72	38	1.50	T3552SF-001	47902
	R38	450	17.72	38	1.50	R3852SF-001	47914
	T38	450	17.72	38	1.50	T3852SF-001	47910
	R38	500	19.69	38	1.50	R3852SF-007	48821

SANDVIK - HL 510 S-45, 550 SUPER M92, 560 SUPER

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	500	19.69	45	1.75	R3252SF-004	41837
	R38	500	19.69	45	1.75	R3852SF-004	47977
	T38	500	19.69	45	1.75	T3852SF-004	47976

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	525	20.67	45	1.75	R3866SF-001	48059
	T38	525	20.67	45	1.75	T3866SF-001	48047
	T45	525	20.67	45	1.75	T4566SF-001	48163
	R32	600	23.62	45	1.75	R3266SF-002	48077
	T38	600	23.62	45	1.75	T3866SF-002	48055
	R32	745	29.33	45	1.75	R3266SF-003	48111
	T38	745	29.33	45	1.75	T3866SF-003	48056
	T45	745	29.33	45	1.75	T4566SF-003	48253

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER		
		mm	In.	mm	In.	USA	AUSTRIA	
	R32	600	23.62	45	1.75	R3269SF-002	48080	
	T38	600	23.62	45	1.75	T3869SF-002	48100	
	R32	745	29.33	45	1.75	R3269SF-001	48058	
	T35	745	29.33	45	1.75	T3569SF-001	48046	
	T38	745	29.33	45	1.75	T3869SF-001	48054	
	T45	745	29.33	45	1.75	T4569SF-001	48254	

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	600	23.62	45	1.75	T3853SF-002	47882
	T45	600	23.62	45	1.75	T4553SF-002	47893

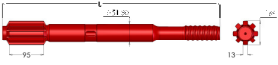
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	600	23.62	45	1.75	T3858SF-001	48877
	T45	600	23.62	45	1.75	T4558SF-001	48876

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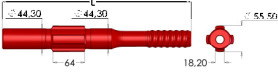
SHANK ADAPTERS



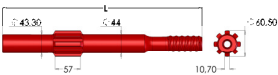
SANDVIK - HL 650-52, 700-52, 700 PE-52, 700 S-52, 710-52, 710 PE-52, 710 S-52, 710 SPE-52, 800 T-52, 800 PE-52, 810 T-52, HF 810 T-52

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	600	23.62	52	2.04	R3258SF-002	48180
	T35	600	23.62	52	2.04	T3558SF-002	48159
	T38	600	23.62	52	2.04	T3858SF-002	48956
	T45	600	23.62	52	2.04	T4558SF-002	48899
	XT45 *	600	23.62	52	2.04	XT4558SF-002	48075
	T51	600	23.62	52	2.04	T5158SF-002	48900
	XT51 *	600	23.62	52	2.04	XT5158SF-002	48013

SANDVIK - TAM 750

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	380	14.96	44	1.74	R322014-001	41760
	R38	380	14.96	44	1.74	R382014-001	11337
	T38	380	14.96	44	1.74	T382014-001	41761
	T45	380	14.96	44	1.74	T452014-001	41759
	R32	446	17.56	44	1.74	R322014-002	11341
	R38	446	17.56	44	1.74	R382014-002	11338
	T38	446	17.56	44	1.74	T382014-002	11339
	T45	446	17.56	44	1.74	T452016-002	11331

SANDVIK - HL 844

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R38	450	17.72	44	1.73	R387116-005	41767
	T38	450	17.72	44	1.73	T387116-005	47848
	T45	450	17.72	44	1.73	T457116-005	47920

SANDVIK - RD 900, 900 PE, 900 PE/RP

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	600	23.62	52	2.05	T4575SF-001	48242
	T51	600	23.62	52	2.05	T5175SF-001	48224

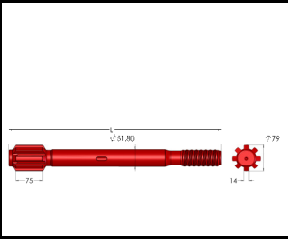
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

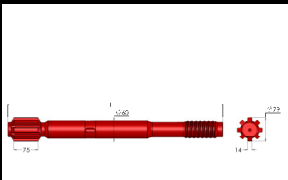
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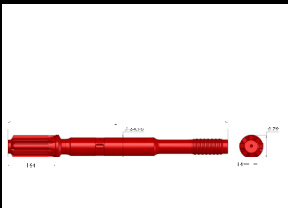
SANDVIK - HL 1000-52, 1000 S-52, 1010-52, 1010 S-52

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T45	590	23.23	52	2.04	T4556SF-002	47896
	T51	590	23.23	52	2.04	T5156SF-002	47878
	T45	670	26.38	52	2.04	T4556SF-001	47913
	T51	670	26.38	52	2.04	T5156SF-001	47926

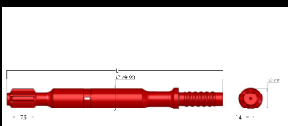
SANDVIK - HL 1000-60, 1010-60

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	670	26.38	60	2.36	T5156SF-004	48162
	ST58	670	26.38	60	2.36	ST5856SF-004	47931
	GT60	670	26.38	60	2.36	GT6056SF-004	48007

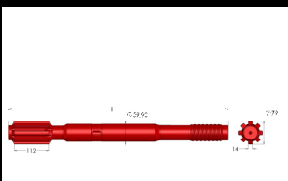
SANDVIK - HL 1000 PE-65, 1010 PE-65, 1060 T/PE-65, 1500 T/PE-65, 1560 T/PE-65 HF 1560, HF 1560 PE, RD 1635 CF

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T51	760	29.92	65	2.56	T5162SF-001	48011
	ST58	760	29.92	65	2.56	ST5862SF-001	41870
	GT60	760	29.92	65	2.56	GT6062SF-001	48009
	T-WiZ60	760	29.92	65	2.56	TWIZ6062SF-001	48130

SANDVIK - HL 1000 T-80, 1010 T-80

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	760	29.92	80	3.15	GT6056SF-007	48022

SANDVIK - HL 1500-60, 1500 T-60

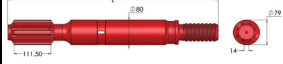
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	ST58	710	27.95	60	2.36	ST5859SF-002	48916
	GT60	760	29.92	60	2.36	GT6059SF-004	48008

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

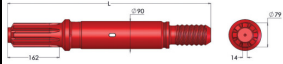
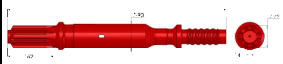
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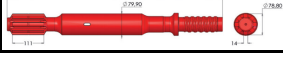
SANDVIK - HL 1500-80, 1560 T-80, 1060 T-80, HF 1560

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	ST58	635	25.00	80	3.15	ST5863SF-001	48043
	ST68	635	25.00	80	3.15	ST6863SF-001	48152
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	760	29.92	80	3.15	GT6063SF-003	48063
	XT51 *	860	33.86	80	3.15	XT5163SF-004	48070

SANDVIK - HL 1500 T/PE-90, 1500 ST/PE-90, 1560 T/PE-90, 1560 ST/PE-90

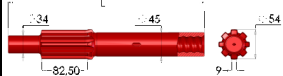
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	ST58	635	25.00	90	3.54	ST5868SF-001	48135
	ST68	635	25.00	90	3.54	ST6868SF-001	48136
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	760	29.92	90	3.54	GT6068SF-002	48062

SANDVIK - RD 1635CF-80

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	GT60	760	29.92	80	3.15	GT6074SF-001	48139

SECOMA

SECOMA - HYDRASTAR 200 (FEMALE-SIDE FLUSH)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	351	13.82	45	1.75	R3299SF-001	47927

SECOMA - HYDRASTAR 200, 300, 350, X2 (MALE-SIDE FLUSH)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	485	19.09	38	1.50	R3235SF-002	47971
	R38	485	19.09	38	1.50	R3835SF-002	47815
	T38	485	19.09	38	1.50	T3835SF-002	11085
	R32	500	19.69	38	1.50	R3235SF-003	41764
	R38	500	19.69	38	1.50	R3835SF-003	41779
	T38	500	19.69	38	1.50	T3835SF-003	47827

* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



SIG

SIG - HBM 100

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	380	14.96	38	1.50	R325113-001	41766
	R38	380	14.96	38	1.50	R385113-001	47847
	T38	380	14.96	38	1.50	T385113-001	47845

NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS.
VERIFY ALL DIMENSIONS BEFORE ORDERING.

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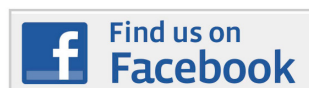
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