

2023 PRODUCT HANDBOOK



For all your rock drilling tool needs contact
ROCKMORE INTERNATIONAL



USA

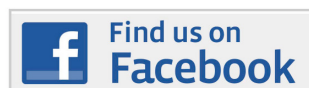
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Rockmore International

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.

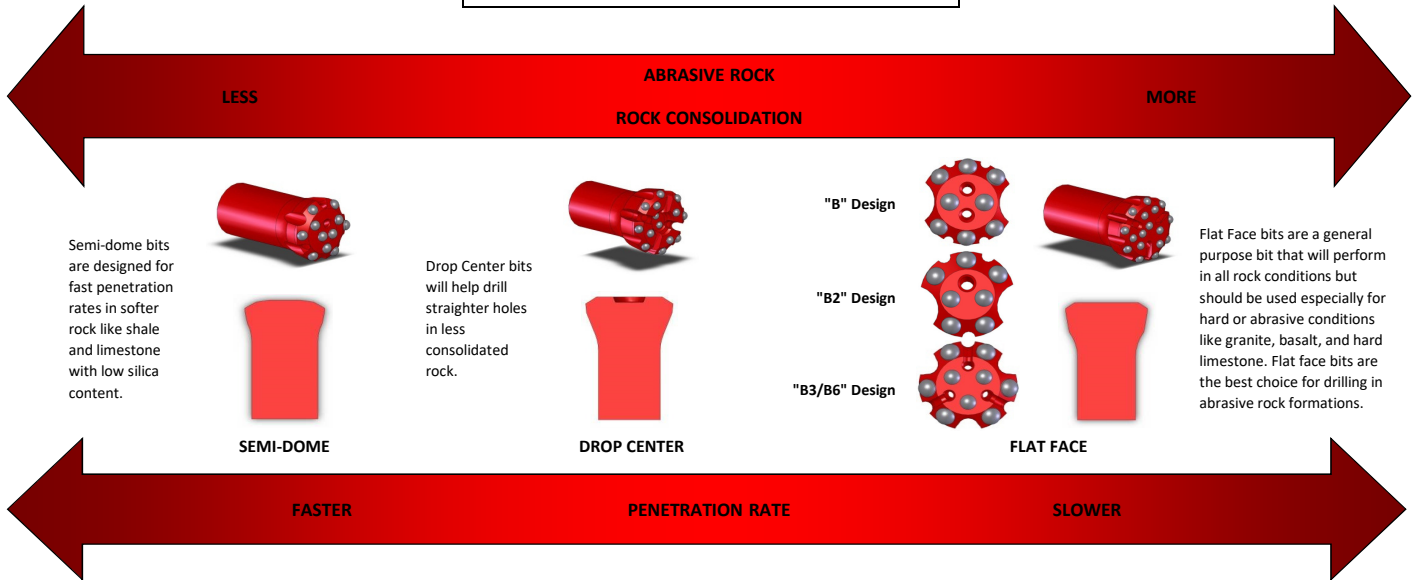
All pricing, terms and conditions are subject to change without prior notice.

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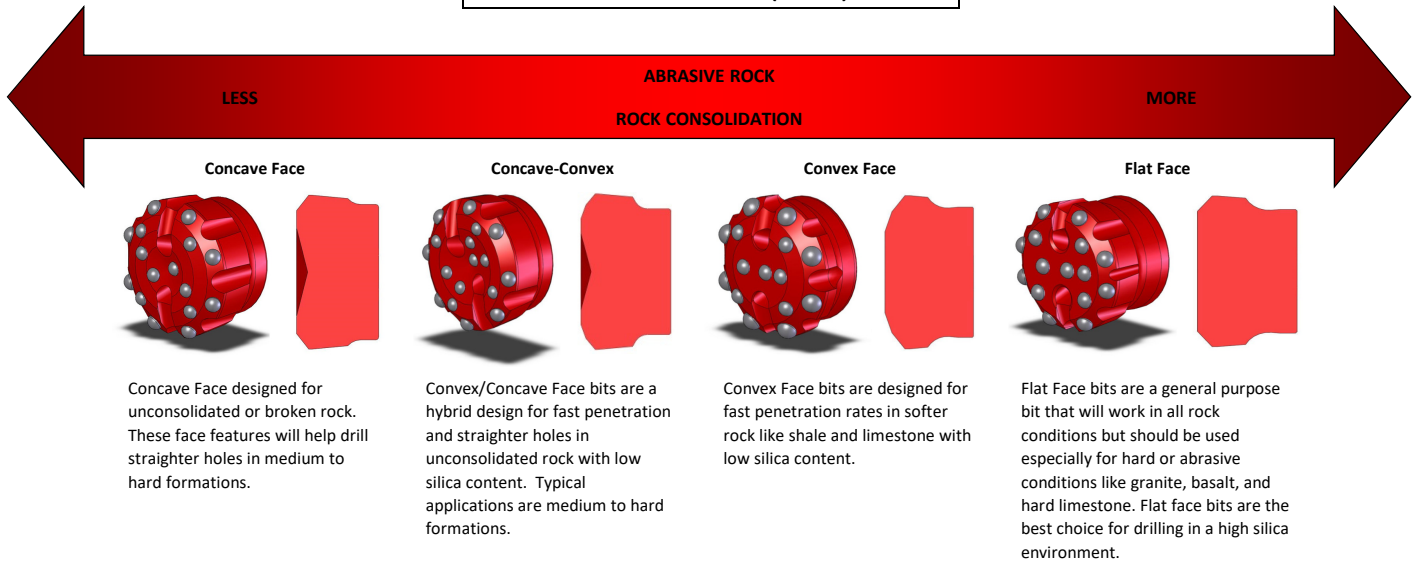
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BIT FACE SELECTION

TOP-HAMMER BUTTON BITS



DOWN-THE-HOLE (DTH) BITS



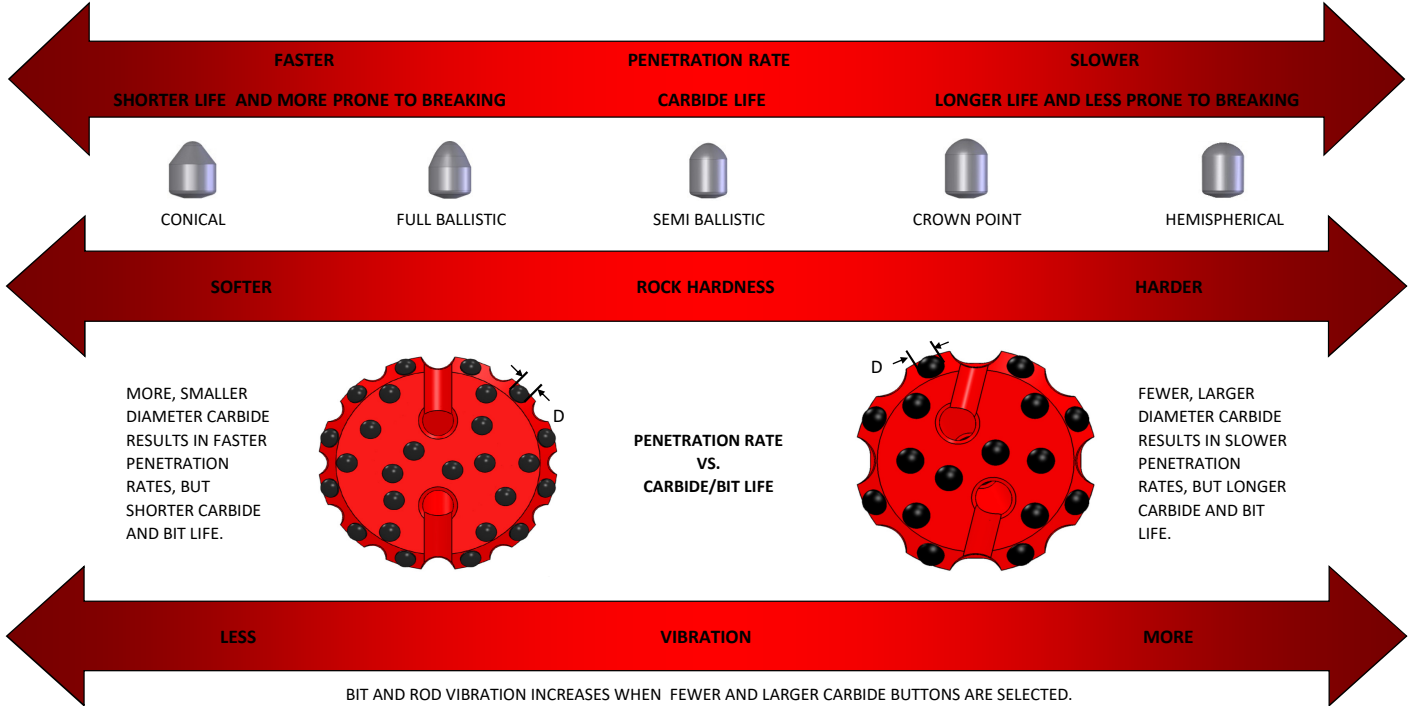
CARBIDE SELECTION

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.

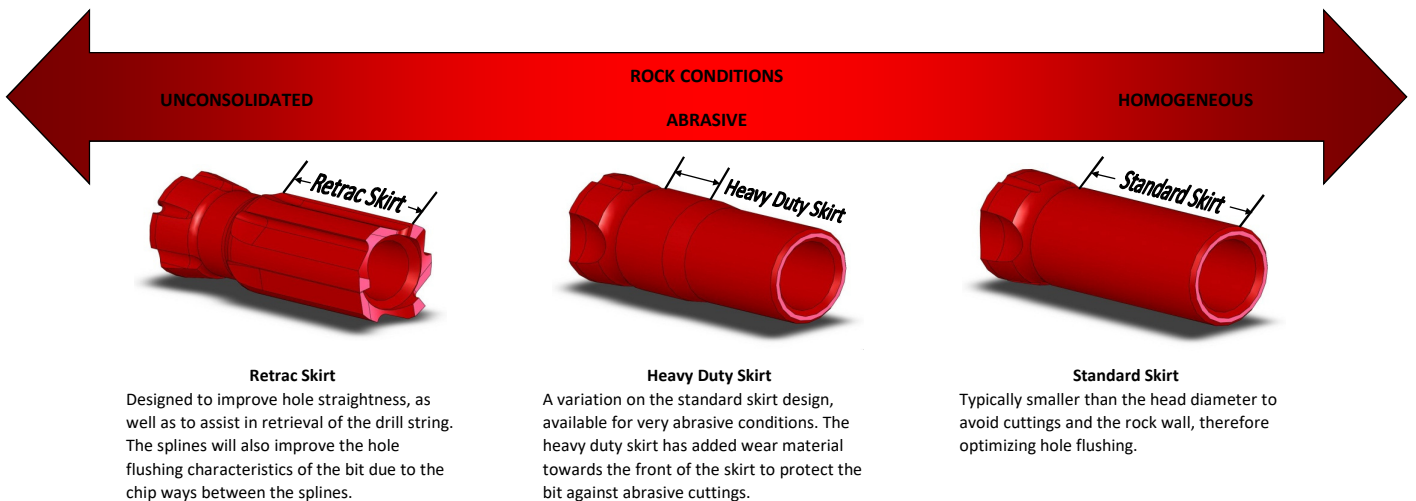


MULTIPOINT

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.



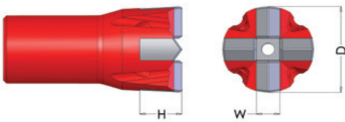
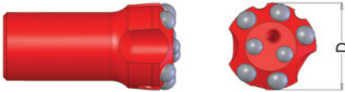

SKIRT SELECTION



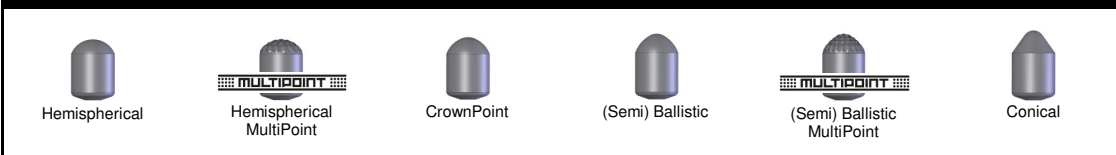
TAPERED BITS



22 mm X 4°46' (7/8" X 4°46')

CROSS MULTI - USE		DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	32	1-1/4	T22-32M4-1369	49701	
	34	1-11/32	T22-34M4-1352	49703	
	35	1-3/8	T22-35M4-1255	49775	
	36	1-13/32	T22-36M4-1323	49705	
	38	1-1/2	T22-38M4-1437	49707	
	40	1-9/16	T22-40M4-1438	49709	
	41	1-5/8	T22-41M4-1496	49790	
	42	1-21/32	T22-42M4-1038	49711	
	45	1-3/4	T22-45M4-1118	49722	
	46	1-13/16	T22-46M4-1226	49724	
	48	1-7/8	T22-48M4-1497	49791	
	51	2	T22-51M4-1367	49712	
	57	2-1/4	T22-57M4-1764	49713	
	1 FRONT FLUSHING HOLE				
B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	33	1-5/16	T22-33B24-1297	41025
	BAL	33	1-5/16	T22-33B24B-1293	41035
	HEM	35	1-3/8	T22-35B24-1032	41032
	BAL	35	1-3/8	T22-35B24B-1498	41075
	HEM	36	1-13/32	T22-36B24-1266	41030
	BAL	36	1-13/32	T22-36B24B-1673	41091
	HEM	38	1-1/2	T22-38B24-1031	41029
	BAL	38	1-1/2	T22-38B24B-1499	41076
	HEM	41	1-5/8	T22-41B24-1138	41027
	BAL	41	1-5/8	T22-41B24B-1500	41034
	HEM	45	1-3/4	T22-45B24-1501	41033
	BAL	45	1-3/4	T22-45B24B-1502	41077
	HEM	48	1-7/8	T22-48B24-1741	41003
	BAL	48	1-7/8	T22-48B24B-1760	41005
	HEM	50	1-31/32	T22-50B24-1359	41059
	HEM	51	2	T22-51B24-1761	41031
	BAL	51	2	T22-51B24B-1762	41007
	1 FRONT FLUSHING HOLE				
22 MM (7/8") KNOCK-OFF BLOCK		PART NUMBER			
		USA		AUSTRIA	
		KOB22T		46297	

CARBIDE PROFILE DESIGNS

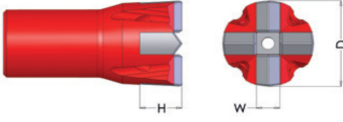


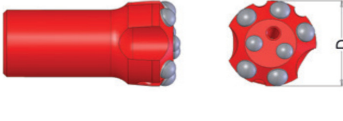
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.


TAPERED BITS



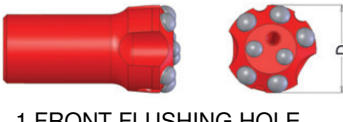
22 mm X 7° (7/8" X 7°)


CROSS MULTI - USE  1 FRONT FLUSHING HOLE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
	30	1-3/16	T22-30M7-1696	49758
	32	1-1/4	T22-32M7-1732	49765
	35	1-3/8	T22-35M7-1865	49798
	41	1-5/8	T22-41M7-2414	49746
	45	1-3/4	T22-45M7-1852	49763
	48	1-7/8	T22-48M7-2629	49764

B2 DESIGN  1 FRONT FLUSHING HOLE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	30	1-3/16	T22-30B27B-4231	11020
	BAL	33	1-5/16	T22-33B27B-1375	41074
	HEM	36	1-13/32	T22-36B27-1756	41065
	BAL	36	1-13/32	T22-36B27B-1855	41010
	BAL	38	1-1/2	T22-38B27B-1754	41096
	BAL	41	1-5/8	T22-41B27B-1856	41052
	HEM	45	1-3/4	T22-45B27-2269	41099
	BAL	45	1-3/4	T22-45B27B-2372	41053







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

25 mm X 7° (1" X 7°)

B2 DESIGN  1 FRONT FLUSHING HOLE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	34	1-11/32	T25-34B27-3223	41060
	BAL	36	1-13/32	T25-36B27B-1868	41013
	HEM	41	1-5/8	T25-41B27-1867	41012
	BAL	41	1-5/8	T25-41B27B-1863	41011

B3 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	CP	41	1-5/8	T25-41B37CP-3364	41019
	BAL	41	1-5/8	T25-41B37B-3363	41018
	BAL	43	1-11/16	T25-43B37B-3002	41093
	BAL	45	1-3/4	T25-45B37B-3131	41004

CARBIDE PROFILE DESIGNS

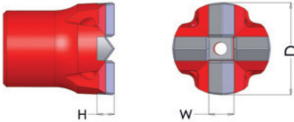
					
Hemispherical	Hemispherical MultiPoint	CrownPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	Conical

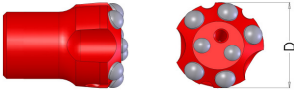
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TAPERED BITS



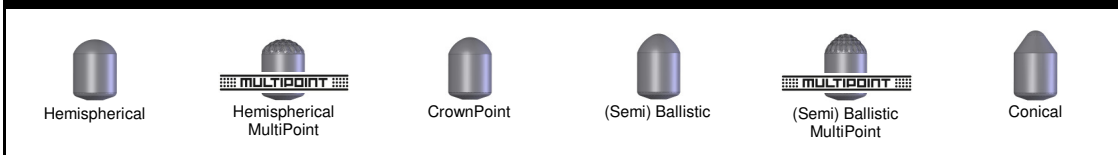
22 mm X 11° (7/8" X 11°)

CROSS SINGLE - USE		DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>1 FRONT FLUSHING HOLE</p>	28	1-1/8	T22-28S11-550	49792	
	32	1-1/4	T22-32S11-551	49776	
	35	1-3/8	T22-35S11-866	49749	
	38	1-1/2	T22-38S11-552	49736	
	41	1-5/8	T22-41S11-211	49752	
	45	1-3/4	T22-45S11-553	49737	
	48	1-7/8	T22-48S11-554	49747	
	51	2	T22-51S11-555	49750	

B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>1 FRONT FLUSHING HOLE</p>	HEM	32	1-1/4	T22-32B211-2679	41024
	BAL	32	1-1/4	T22-32B211B-2359	41023
	HEM	33	1-5/16	T22-33B211-1505	41079
	BAL	33	1-5/16	T22-33B211B-1506	41080
	HEM	35	1-3/8	T22-35B211-1507	41081
	CP	35	1-3/8	T22-35B211CP-3366	41040
	BAL	35	1-3/8	T22-35B211B-1254	41041
	HEM	38	1-1/2	T22-38B211-1508	41082
	BAL	38	1-1/2	T22-38B211B-1239	41042
	HEM	41	1-5/8	T22-41B211-1509	41083
	BAL	41	1-5/8	T22-41B211B-1510	41084
	HEM	45	1-3/4	T22-45B211-1511	41085
	BAL	45	1-3/4	T22-45B211B-1512	41086

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

CARBIDE PROFILE DESIGNS

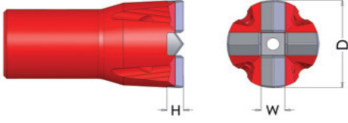
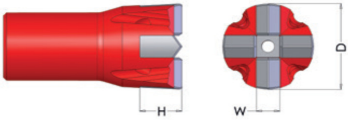
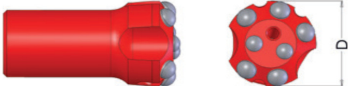



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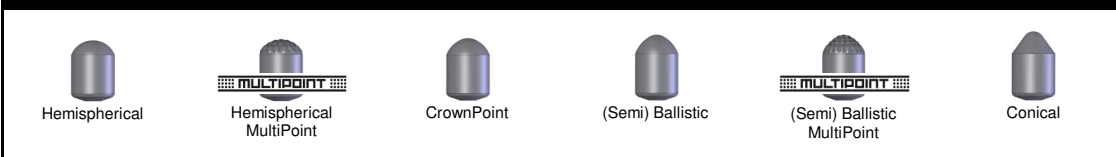
TAPERED BITS



22 mm X 12° (7/8" X 12°)

CROSS SINGLE - USE		DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
 <p>1 FRONT FLUSHING HOLE</p>	32	1-1/4	T22-32S12-606	49781		
	35	1-3/8	T22-35S12-607	49782		
	38	1-1/2	T22-38S12-608	49771		
	41	1-5/8	T22-41S12-609	49783		
	45	1-3/4	T22-45S12-610	49784		
	48	1-7/8	T22-48S12-611	49785		
	51	2	T22-51S12-612	49786		
CROSS MULTI - USE		DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
 <p>1 FRONT FLUSHING HOLE</p>	32	1-1/4	T22-32M12-129	49731		
	35	1-3/8	T22-35M12-714	49739		
	38	1-1/2	T22-38M12-713	49760		
	41	1-5/8	T22-41M12-712	49787		
	45	1-3/4	T22-45M12-711	49788		
	48	1-7/8	T22-48M12-1513	49793		
	51	2	T22-51M12-1514	49794		
B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
	 <p>1 FRONT FLUSHING HOLE</p>	BAL	28	1-1/8	T22-28B212B-4271	11024
		BAL	31	1-7/32	T22-31B212B-1653	41016
		HEM	32	1-1/4	T22-32B212-1848	41048
		BAL	32	1-1/4	T22-32B212B-1169	41057
		HEM	33	1-5/16	T22-33B212-2627	41014
		BAL	33	1-5/16	T22-33B212B-1493	41015
		HEM	35	1-3/8	T22-35B212-100	41046
		BAL	35	1-3/8	T22-35B212B-1398	41064
		HEM	38	1-1/2	T22-38B212-690	41047
		BAL	38	1-1/2	T22-38B212B-1399	41049
		HEM	41	1-5/8	T22-41B212-102	41069
		BAL	41	1-5/8	T22-41B212B-1246	41050
HEM		45	1-3/4	T22-45B212-101	41070	
BAL		45	1-3/4	T22-45B212B-1515	41087	
22 MM (7/8") KNOCK-OFF BLOCK			PART NUMBER			
	USA		AUSTRIA			
	KOB22T		46297			

CARBIDE PROFILE DESIGNS

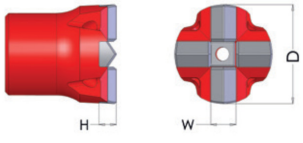
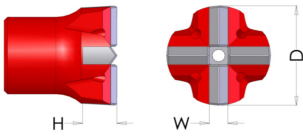


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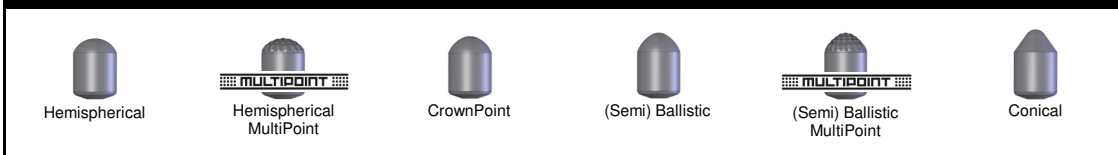
THREADED BITS



"H" THREAD

CROSS SINGLE - USE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
 <p>1 FRONT FLUSHING HOLE</p>	35	1-3/8	H-35S-158	41107
	38	1-1/2	H-38S-159	41108
	41	1-5/8	H-41S-160	41109
	45	1-3/4	H-45S-161	41110
	48	1-7/8	H-48S-162	41111
	51	2	H-51S-163	41112
	57	2-1/4	H-57S-164	41113
CROSS MULTI - USE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
 <p>1 FRONT FLUSHING HOLE</p>	35	1-3/8	H-35M-165	41114
	38	1-1/2	H-38M-166	41115
	41	1-5/8	H-41M-167	41116
	45	1-3/4	H-45M-168	41117
	48	1-7/8	H-48M-169	41118
	51	2	H-51M-170	41119
	57	2-1/4	H-57M-171	41120
	64	2-1/2	H-64M-172	41121
	70	2-3/4	H-70M-572	41122
	76	3	H-76M-573	41123

CARBIDE PROFILE DESIGNS



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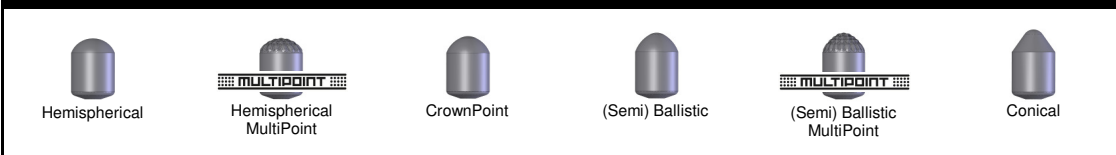
THREADED BITS



R22 7/8" ROPE THREAD

CROSS MULTI - USE	DIAMETER (D)		PART NUMBER		
	mm	In.	USA	AUSTRIA	
<p>1 FRONT FLUSHING HOLE</p>	35	1-3/8	R22-35M-808	49679	
	38	1-1/2	R22-38M-807	49651	
	41	1-5/8	R22-41M-949	49662	
B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>1 FRONT FLUSHING HOLE</p>	HEM	32	1-1/4	R22-32B2-4079	44241
	BAL	32	1-1/4	R22-32B2B-2979	44705
	HEM	34	1-11/32	R22-34B2-3129	44237
	BAL	34	1-11/32	R22-34B2B-3130	44238
	HEM	35	1-3/8	R22-35B2-923	44503
	HEM	38	1-1/2	R22-38B2-924	44599
	HEM	41	1-5/8	R22-41B2-1517	44614
	HEM	43	1-11/16	R22-43B2-4080	41193
	HEM	45	1-3/4	R22-45B2-1518	44615

CARBIDE PROFILE DESIGNS



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THREADED BITS



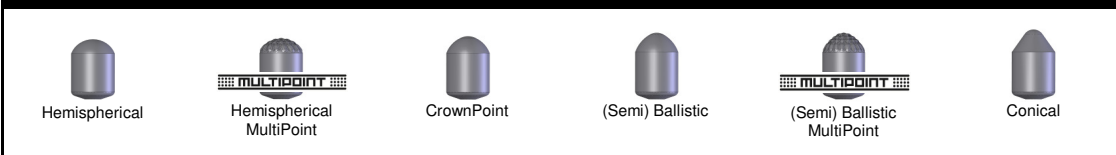
R25 1" ROPE THREAD

CROSS MULTI - USE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
	35	1-3/8	R25-35M-415	49673
38	1-1/2	R25-38M-413	49600	
41	1-5/8	R25-41M-663	49601	
43	1-11/16	R25-43M-4081	49602	
45	1-3/4	R25-45M-414	49603	
48	1-7/8	R25-48M-771	49640	
51	2	R25-51M-854	49660	
57	2-1/4	R25-57M-863	49658	

B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		HEM	32	1-1/4	R25-32B2-941
BAL	32	1-1/4	R25-32B2B-1383	44125	
HEM	33	1-5/16	R25-33B2-1434	44847	
BAL	33	1-5/16	R25-33B2B-1519	44616	
HEM	35	1-3/8	R25-35B2-1130	44741	
BAL	35	1-3/8	R25-35B2B-1458	44647	
HEM	36	1-13/32	R25-36B2-769	44507	
HEM	38	1-1/2	R25-38B2-1520	44617	
HEM	38	1-1/2	R25-38B2-410 *	44743	
BAL	38	1-1/2	R25-38B2B-1521	44754	
HEM	41	1-5/8	R25-41B2-082	44673	
BAL	41	1-5/8	R25-41B2B-1483	44677	
HEM	43	1-11/16	R25-43B2-1390	44623	
BAL	43	1-11/16	R25-43B2B-1765	44991	
HEM	45	1-3/4	R25-45B2-407	44602	
BAL	45	1-3/4	R25-45B2B-408	44603	
HEM	48	1-7/8	R25-48B2-083	44326	
BAL	48	1-7/8	R25-48B2B-406	44327	
HEM	51	2	R25-51B2-085	44328	
BAL	51	2	R25-51B2B-2628	44329	

B3 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		BAL	35	1-3/8	R25-35B3B-4182
HEM	43	1-11/16	R25-43B3-4063	16079	
CP / HEM	43	1-11/16	R25-43B3CP-4064	16080	
HEM	45	1-3/4	R25-45B3-1522	44618	
BAL	45	1-3/4	R25-45B3B-1523	44619	
HEM	48	1-7/8	R25-48B3-1524	44624	
BAL	48	1-7/8	R25-48B3B-1525	44625	
HEM	51	2	R25-51B3-1526	44767	
BAL	51	2	R25-51B3B-1527	44626	
HEM	57	2-1/4	R25-57B3-1528	44629	
BAL	57	2-1/4	R25-57B3B-1529	44632	
BAL	60	2-3/8	R25-60B3B-3401	44188	

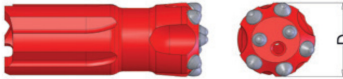
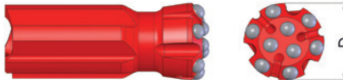
CARBIDE PROFILE DESIGNS









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

THREADED BITS



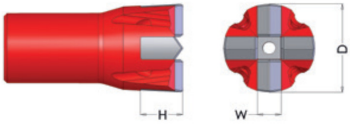
R25 1" ROPE THREAD		(CONTINUED)			
FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 1 FRONT FLUSHING HOLE	BAL	41	1-5/8	R25-41BFRTB-1738	44968
	BAL	43	1-11/16	R25-43BFRTB-3749	44062
	BAL	45	1-3/4	R25-45BFRTB-3750	44063
FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 3 FRONT FLUSHING HOLES	HEM	48	1-7/8	R25-48BFRT-3251	44221
	BAL	48	1-7/8	R25-48BFRTB-3252	44222
	BAL	51	2	R25-51BFRTB-2816	44254
	HEM	57	2-1/4	R25-57BFRT-3584	41189
	BAL	57	2-1/4	R25-57BFRTB-3580	41187
	BAL	60	2-3/8	R25-60BFRTB-3402	44189

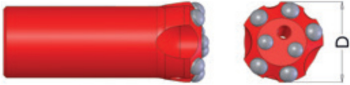
CARBIDE PROFILE DESIGNS					
					
Hemispherical	Hemispherical MultiPoint	CrownPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	Conical
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide MP = MultiPoint carbide, on request Note: Some button bits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


THREADED BITS

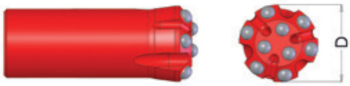


R28 1-1/8" ROPE THREAD

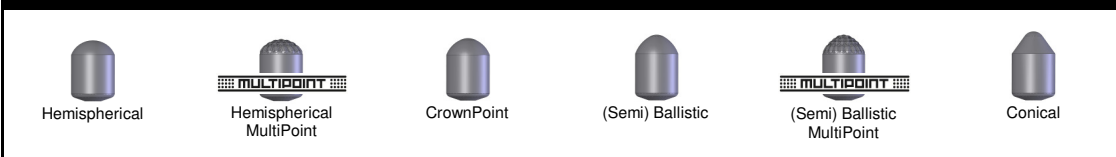
CROSS MULTI - USE 	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
	35	1-3/8	R28-35M-1530	49696
	38	1-1/2	R28-38M-419	49604
	41	1-5/8	R28-41M-386	49605
	45	1-3/4	R28-45M-387	49607

B2 DESIGN 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	36	1-13/32	R28-36B2-216	44792
	BAL	36	1-13/32	R28-36B2B-1766	44990
	HEM	38	1-1/2	R28-38B2-1291	44664
	BAL	38	1-1/2	R28-38B2B-2575	44633
	BAL	38	1-1/2	R28-38B2B-694 *	44727
	HEM	41	1-5/8	R28-41B2-788	44628
	BAL	41	1-5/8	R28-41B2B-1804	44656
	HEM	43	1-11/16	R28-43B2-1481	44994
	BAL	43	1-11/16	R28-43B2B-1767	44661
	HEM	45	1-3/4	R28-45B2-976	44729
	BAL	45	1-3/4	R28-45B2B-461	44563
	HEM	48	1-7/8	R28-48B2-091	44887

B DESIGN 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	43	1-11/16	R28-43B-1349	44807
	BAL	43	1-11/16	R28-43BB-1538	44713
	BAL	45	1-3/4	R28-45BB-1573	44826

B3 DESIGN 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	45	1-3/4	R28-45B3-975	44564
	BAL	45	1-3/4	R28-45B3B-1532	44662
	HEM	48	1-7/8	R28-48B3-1533	44683
	BAL	48	1-7/8	R28-48B3B-1534	44698
	HEM	51	2	R28-51B3-1347	44753
	BAL	51	2	R28-51B3B-1535	44699

CARBIDE PROFILE DESIGNS



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

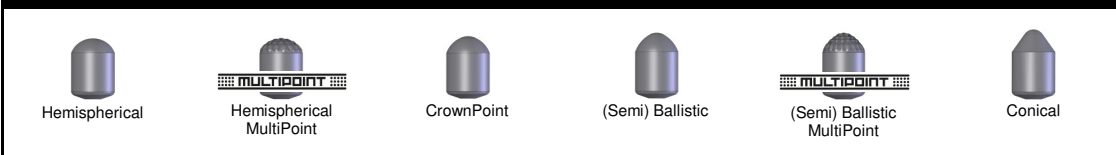
THREADED BITS



R32 1-1/4" ROPE THREAD

CROSS MULTI - USE	DIAMETER (D)		PART NUMBER		
	mm	In.	USA	AUSTRIA	
<p>1 FRONT FLUSHING HOLE</p>	41	1-5/8	R32-41M-138	49608	
	43	1-11/16	R32-43M-416	49614	
	45	1-3/4	R32-45M-139	49615	
	48	1-7/8	R32-48M-140	49616	
	51	2	R32-51M-141	49617	
	57	2-1/4	R32-57M-142	49618	
	76	3	R32-76MHD-147	49670	
X MULTI - USE	DIAMETER (D)		PART NUMBER		
	mm	In.	USA	AUSTRIA	
<p>1 FRONT FLUSHING HOLE</p>	64	2-1/2	R32-64X-269	49619	
	76	3	R32-76XHD-148	49678	
	89	3-1/2	R32-89XHD-400	49647	
	102	4	R32-102XHD-401	49692	
B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>1 FRONT FLUSHING HOLE * 2 SIDE FLUSH HOLES</p>	HEM	41	1-5/8	R32-41B2-001	44649
	BAL	41	1-5/8	R32-41B2B-364	44650
	HEM	43	1-11/16	R32-43B2-193	44636
	CP	43	1-11/16	R32-43B2CP-2863	44267
	BAL	43	1-11/16	R32-43B2B-1253	44648
	HEM	45	1-3/4	R32-45B2-002	44652
	BAL	45	1-3/4	R32-45B2B-671	44651
	HEM	48	1-7/8	R32-48B2-1110	44530
	HEM	48	1-7/8	R32-48B2-1394 *	44529
	BAL	48	1-7/8	R32-48B2B-362 *	44659
	HEM	51	2	R32-51B2-358	44757
	BAL	51	2	R32-51B2B-366	44567
	B DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER
mm			In.	USA	AUSTRIA
<p>2 FRONT FLUSHING HOLES * 1 SIDE FLUSH HOLE</p>	HEM	41	1-5/8	R32-41B-452	44803
	HEM	41	1-5/8	R32-41B-2529 *	44346
	BAL	41	1-5/8	R32-41BB-2530 *	44347
	HEM	43	1-11/16	R32-43B-1541	44716
	BAL	43	1-11/16	R32-43BB-1542	44717
	HEM	45	1-3/4	R32-45B-697	44740
	BAL	45	1-3/4	R32-45BB-176	44755
	HEM	48	1-7/8	R32-48B-1543	44718
	BAL	48	1-7/8	R32-48BB-973	44798
	HEM	51	2	R32-51B-1252	44453
	BAL	51	2	R32-51BB-179 *	44827

CARBIDE PROFILE DESIGNS

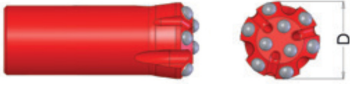
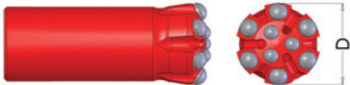

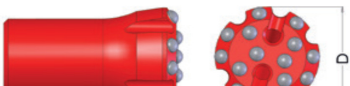


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request
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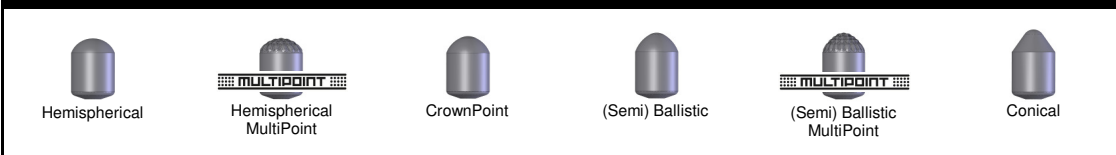
THREADED BITS



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

B3 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	43	1-11/16	R32-43B3-1850	44324
	BAL	43	1-11/16	R32-43B3B-1224	44325
	HEM	45	1-3/4	R32-45B3-1295	44675
	HEM	45	1-3/4	R32-45B3-755 *	44726
	CP	45	1-3/4	R32-45B3CP-2613	44273
	BAL	45	1-3/4	R32-45B3B-384	44704
	BAL	45	1-3/4	R32-45B3B-1945 *	44728
	HEM	48	1-7/8	R32-48B3-1485	44690
	HEM	48	1-7/8	R32-48B3-760 *	44694
	CP	48	1-7/8	R32-48B3CP-2765	44265
	BAL	48	1-7/8	R32-48B3B-699	44787
	BAL	48	1-7/8	R32-48B3B-2398 *	44322
	HEM	51	2	R32-51B3-361	44756
	HEM	51	2	R32-51B3-3535 *	44712
	CP	51	2	R32-51B3CP-2617	44323
	BAL	51	2	R32-51B3B-383	44802
	BAL	54	2-1/8	R32-54B3B-3360	44197
	HEM	57	2-1/4	R32-57B3-1283	44730
	BAL	57	2-1/4	R32-57B3B-1539	44791
	HEM	64	2-1/2	R32-64B3-1471	44544
BAL	64	2-1/2	R32-64B3B-1540	44570	
3 FRONT FLUSHING HOLES * LARGER CARBIDE					
B6 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	43	1-11/16	R32-43B6-3460	44175
	CP	43	1-11/16	R32-43B6CP-3257	44218
	HEM	45	1-3/4	R32-45B6-3039	44247
	CP	45	1-3/4	R32-45B6CP-3040	44249
	BAL	45	1-3/4	R32-45B6B-3041	44248
	HEM	48	1-7/8	R32-48B6-3066	44230
	CP	48	1-7/8	R32-48B6CP-3112	44219
	BAL	48	1-7/8	R32-48B6B-3197	44231
3 FRONT FLUSHING HOLES					
FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	64	2-1/2	R32-64BF-011	44571
	BAL	64	2-1/2	R32-64BFB-1392	44572
2 FRONT FLUSHING HOLES					
FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	R32-76BF-017	44731
	BAL	76	3	R32-76BFB-1544	44725
2 FRONT FLUSHING HOLES					

CARBIDE PROFILE DESIGNS

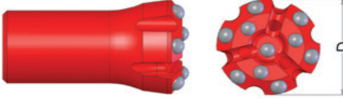
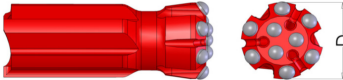






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 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

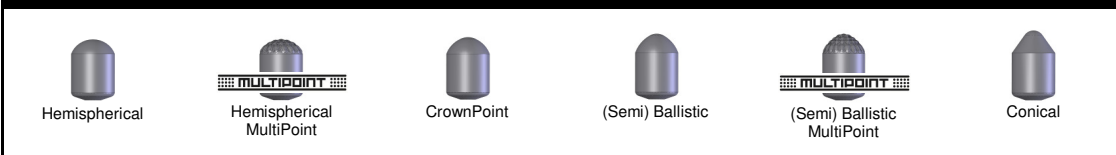
THREADED BITS



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

DROP CENTER	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 3 FRONT FLUSHING HOLES	HEM	64	2-1/2	R32-64BDC-1456	44573
	BAL	64	2-1/2	R32-64BDCB-1457	44574
	HEM	76	3	R32-76BDC-777	44577
	BAL	76	3	R32-76BDCB-775	44578
	HEM	89	3-1/2	R32-89BDC-1250	44579
	BAL	89	3-1/2	R32-89BDCB-1362	44580
 3 FRONT FLUSHING HOLES	HEM	48	1-7/8	R32-48BFRT-1763	44540
	BAL	48	1-7/8	R32-48BFRTB-1742	44542
	HEM	51	2	R32-51BFRT-1331	41174
	BAL	51	2	R32-51BFRTB-1486	44758
	BAL	54	2-1/8	R32-54BFRTB-3276	44216
	HEM	57	2-1/4	R32-57BFRT-1337	41173
	BAL	57	2-1/4	R32-57BFRTB-1546	44806
 2 FRONT FLUSHING HOLES	HEM	64	2-1/2	R32-64BFRT-2634	44666
	BAL	64	2-1/2	R32-64BFRTB-2331	44780
 2 FRONT FLUSHING HOLES	HEM	76	3	R32-76BFRT-2635	44732
	BAL	76	3	R32-76BFRTB-2339	44873
 3 FRONT FLUSHING HOLES	HEM	64	2-1/2	R32-64BRTDC-2636	44874
	BAL	64	2-1/2	R32-64BRTDCB-2637	44875
	HEM	76	3	R32-76BRTDC-4082	44799
 4 FRONT FLUSHING HOLES	HEM	89	3-1/2	R32-89BRTDC-3895	41192
	CON	89	3-1/2	R32-89BRTDCC-3000	41185


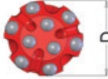

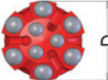
CARBIDE PROFILE DESIGNS









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 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



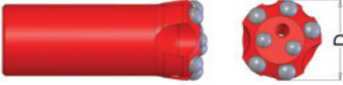
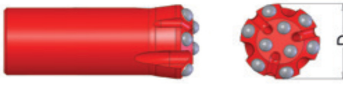
XR32 1-1/4" ROPE THREAD (ROCKMORE XR32 THREAD SYSTEM)						
B3 DESIGN	 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
			mm	In.	USA	AUSTRIA
3 FRONT FLUSHING HOLES * LARGER CARBIDE		HEM	45	1-3/4	XR32-45B3-2518 *	44269
		BAL	45	1-3/4	XR32-45B3B-2448 *	44270
B6 DESIGN	 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
			mm	In.	USA	AUSTRIA
3 FRONT FLUSHING HOLES		HEM	45	1-3/4	XR32-45B6-3062	44244
		BAL	45	1-3/4	XR32-45B6B-3198	44245
		HEM	48	1-7/8	XR32-48B6-3411	44184
		BAL	48	1-7/8	XR32-48B6B-3410	44185

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

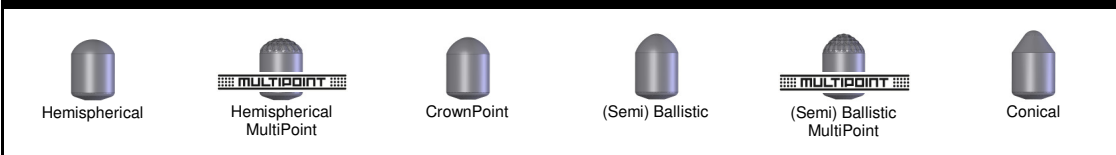
THREADED BITS



R35 1-3/8" ROPE THREAD

B2 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
 1 FRONT FLUSHING HOLE	HEM	48	1-7/8	R35-48B2-3485	44454	
	BAL	48	1-7/8	R35-48B2B-3701	44123	
	HEM	51	2	R35-51B2-1934	44455	
	BAL	51	2	R35-51B2B-1894	44268	
B3 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
 3 FRONT FLUSHING HOLES * LARGER CARBIDE	BAL	45	1-3/4	R35-45B3B-3527	44151	
	HEM	48	1-7/8	R35-48B3-1574	44833	
	BAL	48	1-7/8	R35-48B3B-1662	44911	
	BAL	48	1-7/8	R35-48B3B-2129 *	44381	
	HEM	51	2	R35-51B3-1576	44834	
	BAL	51	2	R35-51B3B-1671	44913	
B6 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		BAL	45	1-3/4	R35-45B6B-3505	44159
		HEM	48	1-7/8	R35-48B6-3483	44171
	CP	48	1-7/8	R35-48B6CP-3121	44240	

CARBIDE PROFILE DESIGNS

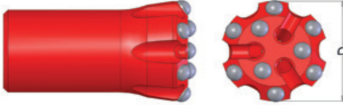
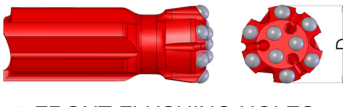
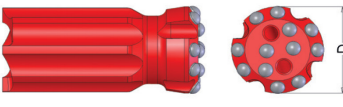
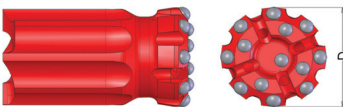
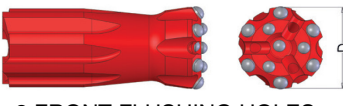


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
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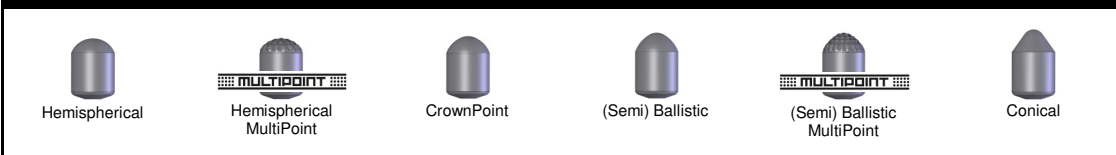
THREADED BITS



T35 1-3/8"

B3 DESIGN  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	54	2-1/8	T35-54B3-3560	41140
	BAL	54	2-1/8	T35-54B3B-4084	41141
	HEM	57	2-1/4	T35-57B3-3558	41144
	BAL	57	2-1/4	T35-57B3B-4085	41145
FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	54	2-1/8	T35-54BFRT-3561	41142
	BAL	54	2-1/8	T35-54BFRTB-4041	41143
	HEM	57	2-1/4	T35-57BFRT-3559	41146
	BAL	57	2-1/4	T35-57BFRTB-4042	41147
FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	64	2-1/2	T35-64BFRTB-4314	16011
DROP CENTER - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	76	3	T35-76BRTDCB-4315	16013
DROP CENTER - XTRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	60	2-3/8	T35-60BRTDC-4273	16081

CARBIDE PROFILE DESIGNS



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THREADED BITS



R38 1-1/2" ROPE THREAD

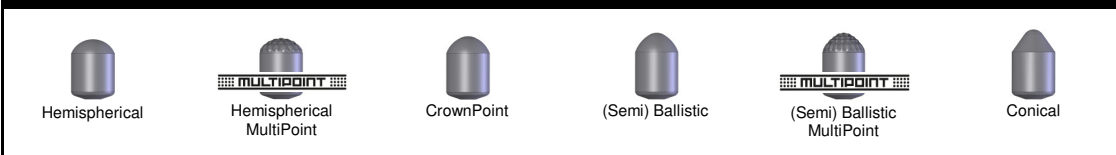
X MULTI - USE 1 FRONT FLUSHING HOLE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
	64	2-1/2	R38-64X-352	49653
	70	2-3/4	R38-70XHD-422	49621
	76	3	R38-76XHD-427	49622
	89	3-1/2	R38-89XHD-425	49623
	102	4	R38-102XHD-426	49663

FLAT FACE 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	64	2-1/2	R38-64BF-747	44687
	BAL	64	2-1/2	R38-64BFB-1552	44876

FLAT FACE 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	R38-76BF-1436	44682
	BAL	76	3	R38-76BFB-1553	44877
	HEM	89	3-1/2	R38-89BF-1554	44508
	BAL	89	3-1/2	R38-89BFB-1555	44878
	HEM	102	4	R38-102BF-1385	44630
	BAL	102	4	R38-102BFB-1556	44879

DROP CENTER 3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	64	2-1/2	R38-64BDC-1557	44880
	BAL	64	2-1/2	R38-64BDCB-1558	44881
	HEM	70	2-3/4	R38-70BDC-181	44575
	BAL	70	2-3/4	R38-70BDCB-933	44576
	HEM	76	3	R38-76BDC-429	44559
	BAL	76	3	R38-76BDCB-776	44560
	HEM	89	3-1/2	R38-89BDC-905	44561
	BAL	89	3-1/2	R38-89BDCB-872	44562

CARBIDE PROFILE DESIGNS



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THREADED BITS



T38 1-1/2"

X MULTI - USE	DIAMETER (D)		PART NUMBER	
	mm	In.	USA	AUSTRIA
<p>1 FRONT FLUSHING HOLE</p>	64	2-1/2	T38-64X-215	49644
	70	2-3/4	T38-70XHD-152	49627
	76	3	T38-76XHD-154	49628
	89	3-1/2	T38-89XHD-155	49629
	102	4	T38-102XHD-837	49689

B3 DESIGN	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>3 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	57	2-1/4	T38-57B3-1563	44884
	BAL	57	2-1/4	T38-57B3B-1564	44885
	HEM	64	2-1/2	T38-64B3-1470	44805
	HEM	64	2-1/2	T38-64B3-2383 *	44321
	BAL	64	2-1/2	T38-64B3B-1565	44886

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>1 FRONT FLUSHING HOLE</p>	HEM	57	2-1/4	T38-57BF-316	44842
	HEM	64	2-1/2	T38-64BF-692	44736
	CP	64	2-1/2	T38-64BFCP-2542	41134
	BAL	64	2-1/2	T38-64BFB-1413	44835

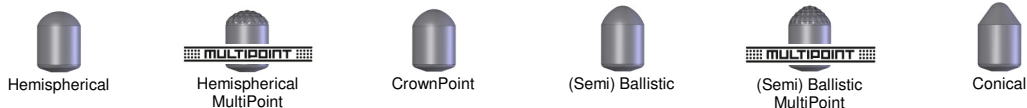
FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>3 FRONT FLUSHING HOLES</p>	HEM	76	3	T38-76BF-2396	44380
	BAL	76	3	T38-76BFB-2631	44382
	HEM	89	3-1/2	T38-89BF-2633	44314
	BAL	89	3-1/2	T38-89BFB-2671	44315

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>1 FRONT FLUSHING HOLE</p>	HEM	70	2-3/4	T38-70BF-1223	44548
	HEM	76	3	T38-76BF-1290	44506
	BAL	76	3	T38-76BFB-1326	44658
	CON	76	3	T38-76BFC-2169	44256

These products are available optionally in Rockmore's XT38 Vector Rod System



CARBIDE PROFILE DESIGNS








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THREADED BITS



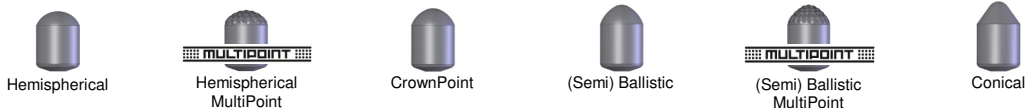
T38 1-1/2" (CONTINUED)

FLAT FACE  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
	HEM	64	2-1/2	T38-64BF-020	44711	
	BAL	64	2-1/2	T38-64BFB-280	44710	
	HEM	70	2-3/4	T38-70BF-1187	44549	
FLAT FACE  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
	HEM	76	3	T38-76BF-3302	44131	
FLAT FACE  2 FRONT FLUSHING HOLES * LARGER CARBIDE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	76	3	T38-76BF-027	44681
		BAL	76	3	T38-76BFB-846	44680
		HEM	89	3-1/2	T38-89BF-1292	44510
		HEM	89	3-1/2	T38-89BF-2505 *	44134
		BAL	89	3-1/2	T38-89BFB-1445	44695
		HEM	102	4	T38-102BF-1361	44631
		BAL	102	4	T38-102BFB-1446	44620
	HEM	115	4-1/2	T38-115BF-1448	44790	
FLAT FACE  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	89	3-1/2	T38-89BF-1484	44860
		BAL	89	3-1/2	T38-89BFB-1566	44888
		HEM	102	4	T38-102BF-1567	44889
		BAL	102	4	T38-102BFB-1568	44890
	HEM	115	4-1/2	T38-115BF-1569	44891	
DROP CENTER  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	64	2-1/2	T38-64BDC-1454	44518
		BAL	64	2-1/2	T38-64BDCB-1455	44519
		HEM	70	2-3/4	T38-70BDC-025	44520
		BAL	70	2-3/4	T38-70BDCB-656	44521
		HEM	76	3	T38-76BDC-028	44714
		CP	76	3	T38-76BDCCP-2420	44722
		BAL	76	3	T38-76BDCB-1462	44859
		HEM	89	3-1/2	T38-89BDC-799	44522
	BAL	89	3-1/2	T38-89BDCB-1464	44523	

These products are available optionally in Rockmore's XT38 Vector Rod System



CARBIDE PROFILE DESIGNS

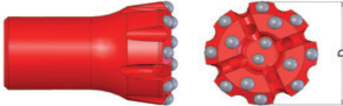

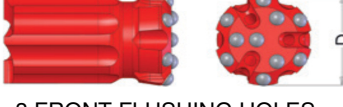

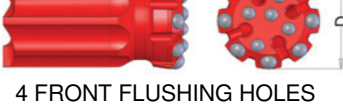


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THREADED BITS



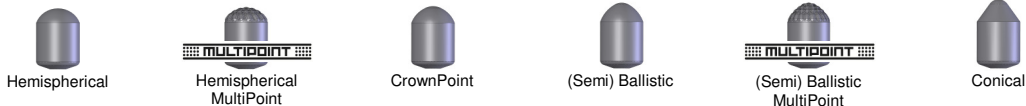
T38 1-1/2" (CONTINUED)

DROP CENTER	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 4 FRONT FLUSHING HOLES	HEM	76	3	T38-76BDC-1149	44604
	BAL	76	3	T38-76BDCB-1319	44605
	HEM	89	3-1/2	T38-89BDC-1143	44606
	BAL	89	3-1/2	T38-89BDCB-1321	44607
	HEM	102	4	T38-102BDC-1365	44608
	BAL	102	4	T38-102BDCB-1450	44609
FLAT FACE - RETRAC  1 FRONT FLUSHING HOLE	HEM	57	2-1/4	T38-57BFRT-2401	44035
	HEM	64	2-1/2	T38-64BFRT-2145	41175
FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	HEM	64	2-1/2	T38-64BFRT-3119	44153
	HEM	76	3	T38-76BFRT-2672	44316
	BAL	76	3	T38-76BFRTB-2673	44317
	HEM	89	3-1/2	T38-89BFRT-2674	44318
	BAL	89	3-1/2	T38-89BFRTB-2675	44319
FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	HEM	64	2-1/2	T38-64BFRT-2126	44686
	BAL	64	2-1/2	T38-64BFRTB-2108	44669
FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	HEM	76	3	T38-76BFRT-3274	44132

These products are available optionally in Rockmore's XT38 Vector Rod System



CARBIDE PROFILE DESIGNS

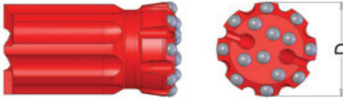
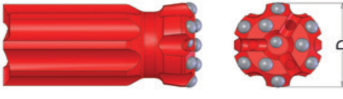

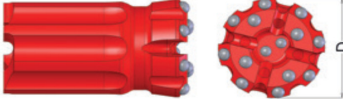


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THREADED BITS



T38 1-1/2" (CONTINUED)

FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 2 FRONT FLUSHING HOLES * LARGER CARBIDE	HEM	76	3	T38-76BFRT-2187	44685
	BAL	76	3	T38-76BFRTB-1925	44655
	HEM	89	3-1/2	T38-89BFRT-2114	41129
	HEM	89	3-1/2	T38-89BFRT-3611 *	44135
	BAL	89	3-1/2	T38-89BFRTB-2121	44892
	HEM	102	4	T38-102BFRT-2244	44893
	BAL	102	4	T38-102BFRTB-2638	44894
	 3 FRONT FLUSHING HOLES	HEM	64	2-1/2	T38-64BRTDC-2107
BAL		64	2-1/2	T38-64BRTDCB-194	44846
HEM		70	2-3/4	T38-70BRTDC-2639	44895
BAL		70	2-3/4	T38-70BRTDCB-2640	44896
HEM		76	3	T38-76BRTDC-2641	44600
BAL		76	3	T38-76BRTDCB-2475	44601
HEM		89	3-1/2	T38-89BRTDC-2630	44971
BAL		89	3-1/2	T38-89BRTDCB-2476	44972
 3 FRONT FLUSHING HOLES	HEM	64	2-1/2	T38-64BRTDC-4185	16082
 4 FRONT FLUSHING HOLES	HEM	76	3	T38-76BRTDC-2142	44751
	BAL	76	3	T38-76BRTDCB-865	44828
	HEM	89	3-1/2	T38-89BRTDC-2642	44897
	BAL	89	3-1/2	T38-89BRTDCB-2643	44898
	HEM	102	4	T38-102BRTDC-2532	44899
	BAL	102	4	T38-102BRTDCB-2644	44900

These products are available optionally in Rockmore's XT38 Vector Rod System



CARBIDE PROFILE DESIGNS



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THREADED BITS



T45 1-3/4"

X MULTI - USE	DIAMETER (D)		PART NUMBER		
	mm	In.	USA	AUSTRIA	
<p>1 FRONT FLUSHING HOLE</p>	76	3	T45-76XHD-312	49634	
	89	3-1/2	T45-89XHD-353	49635	
	102	4	T45-102XHD-305	49642	
FLAT FACE					
<p>3 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>3 FRONT FLUSHING HOLES</p>	HEM	76	3	T45-76BF-2395	44341
	BAL	76	3	T45-76BFB-2632	44320
	HEM	89	3-1/2	T45-89BF-1947	44401
	BAL	89	3-1/2	T45-89BFB-1948	44402
FLAT FACE					
<p>4 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>4 FRONT FLUSHING HOLES</p>	HEM	76	3	T45-76BF-3267	44220
	BAL	76	3	T45-76BFB-3850	41156
	BAL	89	3-1/2	T45-89BFB-3614	44040
FLAT FACE					
<p>4 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>4 FRONT FLUSHING HOLES</p>	HEM	89	3-1/2	T45-89BF-3959	41157
	HEM	102	4	T45-102BF-4006	44016

These products are available optionally in Rockmore's XT45 Vector Rod System



CARBIDE PROFILE DESIGNS



Hemispherical



Hemispherical MultiPoint



CrownPoint



(Semi) Ballistic



(Semi) Ballistic MultiPoint



Conical

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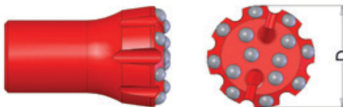
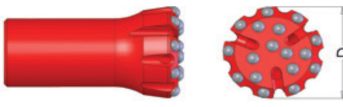
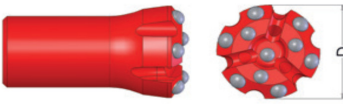
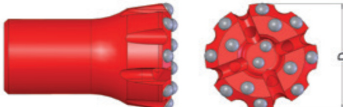
MP = MultiPoint carbide, on request

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

THREADED BITS



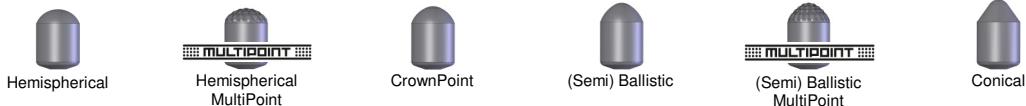
T45 1-3/4" (CONTINUED)

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>2 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	76	3	T45-76BF-040	44693
	BAL	76	3	T45-76BFB-274	44774
	HEM	82	3-1/4	T45-82BF-2797	44456
	BAL	82	3-1/4	T45-82BFB-2124	44388
	HEM	89	3-1/2	T45-89BF-1157	44553
	HEM	89	3-1/2	T45-89BF-2585 *	44696
	BAL	89	3-1/2	T45-89BFB-1327	44663
	HEM	102	4	T45-102BF-1057	44635
	BAL	102	4	T45-102BFB-1447	44634
	HEM	115	4-1/2	T45-115BF-1449	44557
	HEM	127	5	T45-127BF-328	44773
	BAL	152	6	T45-152BFB-3278	45761
 <p>3 FRONT FLUSHING HOLES</p>	HEM	89	3-1/2	T45-89BF-1459	44853
	BAL	89	3-1/2	T45-89BFB-1580	44854
	HEM	102	4	T45-102BF-1460	44861
	BAL	102	4	T45-102BFB-1581	44862
	HEM	115	4-1/2	T45-115BF-1582	44901
	HEM	127	5	T45-127BF-1583	44902
	 <p>3 FRONT FLUSHING HOLES</p>	HEM	70	2-3/4	T45-70BDC-932
BAL		70	2-3/4	T45-70BDCB-175	44592
HEM		76	3	T45-76BDC-042	44744
BAL		76	3	T45-76BDCB-1463	44781
HEM		89	3-1/2	T45-89BDC-048	44593
BAL		89	3-1/2	T45-89BDCB-1465	44594
 <p>4 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	76	3	T45-76BDC-1148	44863
	BAL	76	3	T45-76BDCB-1316	44864
	HEM	83	3-1/4	T45-83BDC-2938	44260
	BAL	83	3-1/4	T45-83BDCB-2939	44261
	HEM	89	3-1/2	T45-89BDC-1142	44818
	HEM	89	3-1/2	T45-89BDC-3987 *	44008
	BAL	89	3-1/2	T45-89BDCB-1318	44819
	BAL	89	3-1/2	T45-89BDCB-3995 *	44004
	HEM	102	4	T45-102BDC-1131	44820
	BAL	102	4	T45-102BDCB-1451	44865
	HEM	115	4-1/2	T45-115BDC-329	44866

These products are available optionally in Rockmore's XT45 Vector Rod System



CARBIDE PROFILE DESIGNS

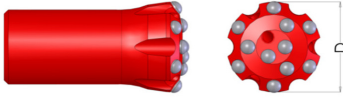


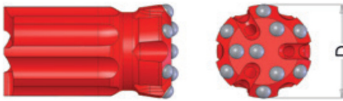
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Note: Some button bits may not be offered with a particular carbide design shown above.

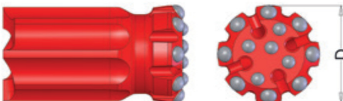
THREADED BITS

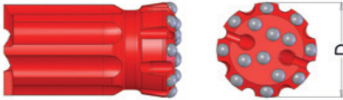


T45 1-3/4" (CONTINUED)

SEMI DOME  1 FRONT FLUSHING HOLE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	70	2-3/4	T45-70BSD-597	44524
	BAL	70	2-3/4	T45-70BSDB-977	44525
	HEM	76	3	T45-76BSD-338	44526
	BAL	76	3	T45-76BSDB-271	44998
	HEM	89	3-1/2	T45-89BSD-307	44595
	BAL	89	3-1/2	T45-89BSDB-785	44596

FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	T45-76BFRT-2676	44311
	BAL	76	3	T45-76BFRTB-2677	44312
	HEM	89	3-1/2	T45-89BFRT-2645	44403
	BAL	89	3-1/2	T45-89BFRTB-2646	44404

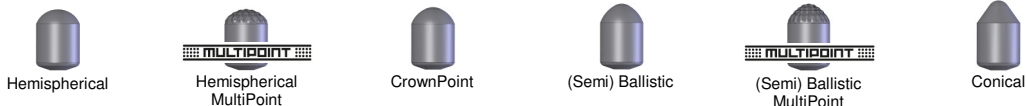
FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	T45-76BFRT-3282	44133
	HEM	89	3-1/2	T45-89BFRT-4088	44144

FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES * LARGER CARBIDE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	T45-76BFRT-1923	44684
	BAL	76	3	T45-76BFRTB-1924	44692
	BAL	82	3-1/4	T45-82BFRTB-2246	44384
	CON	82	3-1/4	T45-82BFRTC-4087	44331
	HEM	89	3-1/2	T45-89BFRT-2097	44622
	HEM	89	3-1/2	T45-89BFRT-2577 *	44399
	BAL	89	3-1/2	T45-89BFRTB-2043	44654
	HEM	102	4	T45-102BFRT-2045	44641
	BAL	102	4	T45-102BFRTB-327	44657
	HEM	115	4-1/2	T45-115BFRT-2546	44554
	HEM	127	5	T45-127BFRT-2647	44903

These products are available optionally in Rockmore's XT45 Vector Rod System



CARBIDE PROFILE DESIGNS

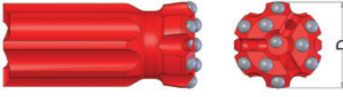
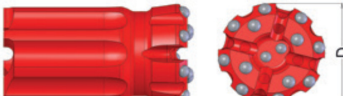
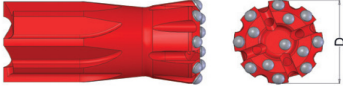


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THREADED BITS



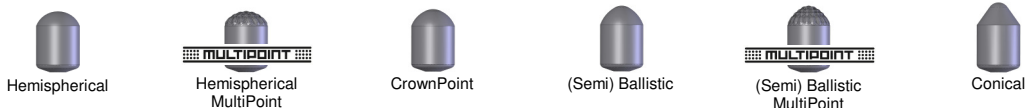
T45 1-3/4" (CONTINUED)

DROP CENTER - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>3 FRONT FLUSHING HOLES</p>	HEM	70	2-3/4	T45-70BRTDC-2648	44904
	BAL	70	2-3/4	T45-70BRTDCB-2649	44905
	HEM	76	3	T45-76BRTDC-2175	44552
	BAL	76	3	T45-76BRTDCB-2411	44906
	HEM	89	3-1/2	T45-89BRTDC-2241	44973
	BAL	89	3-1/2	T45-89BRTDCB-2313	44974
DROP CENTER - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>4 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	76	3	T45-76BRTDC-1926	44814
	BAL	76	3	T45-76BRTDCB-862	44822
	HEM	89	3-1/2	T45-89BRTDC-1927	44801
	HEM	89	3-1/2	T45-89BRTDC-4001 *	41135
	BAL	89	3-1/2	T45-89BRTDCB-861	44745
	BAL	89	3-1/2	T45-89BRTDCB-4002 *	41136
	HEM	102	4	T45-102BRTDC-2484	44907
	BAL	102	4	T45-102BRTDCB-21	44823
	HEM	115	4-1/2	T45-115BRTDC-2650	44556
	HEM	127	5	T45-127BRTDC-2651	44995
DROP CENTER - XTRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>4 FRONT FLUSHING HOLES</p>	HEM	76	3	T45-76BRTDC-4214	16083
	BAL	76	3	T45-76BRTDCB-4052	41197
	HEM	89	3-1/2	T45-89BRTDC-3919	16084
	BAL	89	3-1/2	T45-89BRTDCB-3989	41198

These products are available optionally in Rockmore's XT45 Vector Rod System



CARBIDE PROFILE DESIGNS



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 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



T51 2"		DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
X MULTI - USE 1 FRONT FLUSHING HOLE		89	3-1/2	T51-89XHD-911	49636
		102	4	T51-102XHD-182	49693
		115	4-1/2	T51-115XHD-157	49694
FLAT FACE 3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	89	3-1/2	T51-89BF-1951	44405
BAL	89	3-1/2	T51-89BFB-1952	44406	
FLAT FACE 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	82	3-1/4	T51-82BF-1887	44457
	BAL	82	3-1/4	T51-82BFB-2123	44389
	HEM	85	3-3/8	T51-85BF-1889	44443
	BAL	85	3-3/8	T51-85BFB-2360	44343
	HEM	89	3-1/2	T51-89BF-1328	44638
	BAL	89	3-1/2	T51-89BFB-1317	44765
	CON	89	3-1/2	T51-89BFC-3796	44055
	HEM	102	4	T51-102BF-1330	44639
	BAL	102	4	T51-102BFB-1452	44762
	HEM	115	4-1/2	T51-115BF-1590	44640
	BAL	115	4-1/2	T51-115BFB-1444	44558
	HEM	127	5	T51-127BF-1591	44642
HEM	140	5-1/2	T51-140BF-1699	44988	
FLAT FACE 4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	89	3-1/2	T51-89BF-3575	44017
	HEM	102	4	T51-102BF-1836	44467
BAL	102	4	T51-102BFB-1837	44468	

These products are available optionally in Rockmore's XT51 Vector Rod System



CARBIDE PROFILE DESIGNS

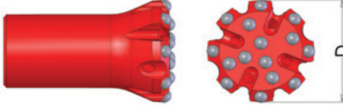
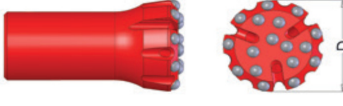
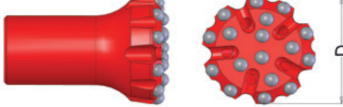
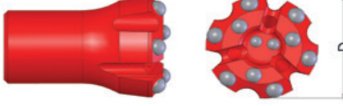


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THREADED BITS



T51 2" (CONTINUED)

FLAT FACE  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	T51-115BF-1740	44970
	BAL	115	4-1/2	T51-115BFB-1838	44469
	HEM	121	4-3/4	T51-121BF-4090	44250
	BAL	121	4-3/4	T51-121BFB-4091	44251
	HEM	127	5	T51-127BF-1839	44470
FLAT FACE  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	89	3-1/2	T51-89BF-1389	44855
	BAL	89	3-1/2	T51-89BFB-1592	44856
	HEM	102	4	T51-102BF-1516	44857
	BAL	102	4	T51-102BFB-1594	44858
	HEM	115	4-1/2	T51-115BF-1476	44909
	HEM	127	5	T51-127BF-1477	44910
FLAT FACE, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	T51-115BF-3636	44080
	HEM	127	5	T51-127BF-3637	44081
	HEM	140	5-1/2	T51-140BF-3638	44082
DROP CENTER  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	T51-76BDC-2610	44307
	BAL	76	3	T51-76BDCB-2621	44308
	HEM	80	3-1/8	T51-80BDC-255	44309
	BAL	80	3-1/8	T51-80BDCB-2678	44310
	HEM	89	3-1/2	T51-89BDC-1597	44871
	BAL	89	3-1/2	T51-89BDCB-1595	44872

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CARBIDE PROFILE DESIGNS



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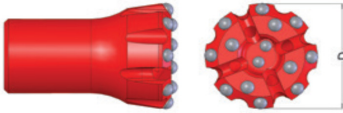
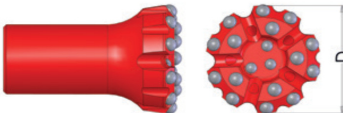
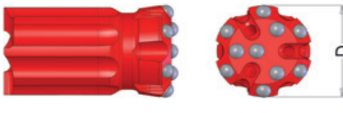
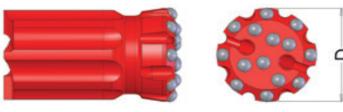
MP = MultiPoint carbide, on request

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

THREADED BITS



T51 2" (CONTINUED)

DROP CENTER	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>4 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	89	3-1/2	T51-89BDC-1329	44760
	HEM	89	3-1/2	T51-89BDC-3934 *	44007
	BAL	89	3-1/2	T51-89BDCB-1308	44759
	BAL	89	3-1/2	T51-89BDCB-3999 *	44003
	HEM	102	4	T51-102BDC-1325	44764
	BAL	102	4	T51-102BDCB-1305	44763
	HEM	115	4-1/2	T51-115BDC-260	44610
	BAL	115	4-1/2	T51-115BDCB-051	44611
	HEM	127	5	T51-127BDC-2001	44849
	BAL	127	5	T51-127BDCB-900	44870
	HEM	140	5-1/2	T51-140BDC-1440	44989
	<p>DROP CENTER, STARFLOW</p>  <p>5 FRONT FLUSHING HOLES</p>	HEM	115	4-1/2	T51-115BDC-3639
HEM		127	5	T51-127BDC-3640	44087
HEM		140	5-1/2	T51-140BDC-3641	44088
<p>FLAT FACE - RETRAC</p>  <p>3 FRONT FLUSHING HOLES</p>	HEM	89	3-1/2	T51-89BFRT-2652	44407
	BAL	89	3-1/2	T51-89BFRTB-2653	44408
<p>FLAT FACE - RETRAC</p>  <p>2 FRONT FLUSHING HOLES</p>	BAL	82	3-1/4	T51-82BFRTB-2136	44386
	CON	82	3-1/4	T51-82BFRTC-4092	44770
	HEM	89	3-1/2	T51-89BFRT-2176	44645
	BAL	89	3-1/2	T51-89BFRTB-2007	44691
	CON	89	3-1/2	T51-89BFRTC-2189	44496
	HEM	93	3-11/16	T51-93BFRT-3248	44223
	BAL	93	3-11/16	T51-93BFRTB-3247	44224
	BAL	95	3-3/4	T51-95BFRTB-3185	44233
	HEM	102	4	T51-102BFRT-2122	44724
	BAL	102	4	T51-102BFRTB-187	44678
	HEM	115	4-1/2	T51-115BFRT-2654	44978
	HEM	127	5	T51-127BFRT-2655	44979
	HEM	140	5-1/2	T51-140BFRT-2656	44980

These products are available optionally in Rockmore's XT51 Vector Rod System



CARBIDE PROFILE DESIGNS

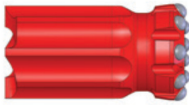
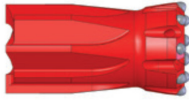
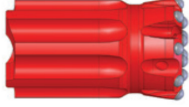
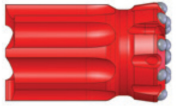



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THREADED BITS



T51 2" (CONTINUED)

FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	89	3-1/2	T51-89BFRT-3571	44045
	BAL	89	3-1/2	T51-89BFRTB-3861	44028
	HEM	102	4	T51-102BFRT-2531	44471
	BAL	102	4	T51-102BFRTB-969	44472
FLAT FACE - XTRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	102	4	T51-102BFRT-4035	16085
FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	115	4-1/2	T51-115BFRT-2660	44473
	BAL	115	4-1/2	T51-115BFRTB-4089	44392
	HEM	127	5	T51-127BFRT-2661	44474
	CON	127	5	T51-127BFRTC-2897	44446
FLAT FACE - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	89	3-1/2	T51-89BFRT-2604	44960
	BAL	89	3-1/2	T51-89BFRTB-2172	44961
	HEM	102	4	T51-102BFRT-2483	44962
	BAL	102	4	T51-102BFRTB-250	44963
	CON	102	4	T51-102BFRTC-090	44383
	HEM	115	4-1/2	T51-115BFRT-2284	44964
	BAL	115	4-1/2	T51-115BFRTB-2930	44679
	HEM	127	5	T51-127BFRT-2659	44965
FLAT FACE - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	115	4-1/2	T51-115BFRT-3630	44083
	HEM	127	5	T51-127BFRT-3631	44084
	HEM	140	5-1/2	T51-140BFRT-3632	44085

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CARBIDE PROFILE DESIGNS

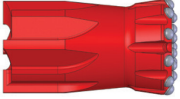


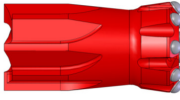


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THREADED BITS



T51 2" (CONTINUED)

FLAT FACE - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER			
		mm	In.	USA	AUSTRIA		
	HEM	115	4-1/2	T51-115BFRT-4236	16086		
	HEM	127	5	T51-127BFRT-3825	16088		
DROP CENTER - RETRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER			
		mm	In.	USA	AUSTRIA		
	HEM	89	3-1/2	T51-89BRTDC-2238	44975		
	BAL	89	3-1/2	T51-89BRTDCB-916	44976		
DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES * LARGER CARBIDE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER			
		mm	In.	USA	AUSTRIA		
			HEM	89	3-1/2	T51-89BRTDC-2330	44761
			HEM	89	3-1/2	T51-89BRTDC-4003 *	41137
			BAL	89	3-1/2	T51-89BRTDCB-909	44746
			BAL	89	3-1/2	T51-89BRTDCB-4004 *	41138
			CON	89	3-1/2	T51-89BRTDCC-2511	44336
			BAL	93	3-11/16	T51-93BRTDCB-3409	44187
			HEM	102	4	T51-102BRTDC-2662	44747
			BAL	102	4	T51-102BRTDCB-210	44748
			CON	102	4	T51-102BRTDCC-010	44749
			HEM	115	4-1/2	T51-115BRTDC-2495	44982
	HEM	127	5	T51-127BRTDC-2663	44983		
	HEM	140	5-1/2	T51-140BRTDC-2664	44984		
DROP CENTER - XTRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER			
		mm	In.	USA	AUSTRIA		
			HEM	89	3-1/2	T51-89BRTDC-3988	16109
			HEM	102	4	T51-102BRTDC-3993	44006
	BAL	102	4	T51-102BRTDCB-4034	44005		

These products are available optionally in Rockmore's XT51 Vector Rod System



CARBIDE PROFILE DESIGNS



Hemispherical



Hemispherical MultiPoint



CrownPoint



(Semi) Ballistic



(Semi) Ballistic MultiPoint



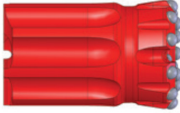
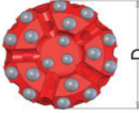
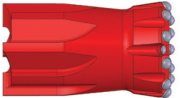
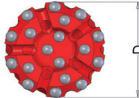
Conical

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request; FA = FA (Function Asymmetric) in Gauge/Perimeter row only
 Note: Some button bits may not be offered with a particular carbide design shown above.

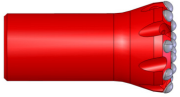
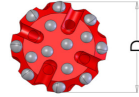
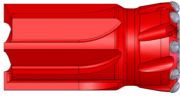
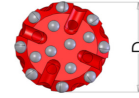
THREADED BITS



T51 2" (CONTINUED)

DROPCENTER - RETRAC, STARFLOW	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
  5 FRONT FLUSHING HOLES	HEM	115	4-1/2	T51-115BRTDC-3617	44089
	HEM	127	5	T51-127BRTDC-3633	44090
	HEM	140	5-1/2	T51-140BRTDC-3634	44091
DROPCENTER - XTRAC, STARFLOW	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
  5 FRONT FLUSHING HOLES	HEM	115	4-1/2	T51-115BRTDC-4228	16087
	HEM	127	5	T51-127BRTDC-4065	16089







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

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
  4 FRONT FLUSHING HOLES	FA	102	4	T51-102BF-XTR	44439
	FA	115	4-1/2	T51-115BF-XTR	44440
	FA	127	5	T51-127BF-XTR	44351
FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
  4 FRONT FLUSHING HOLES	FA	102	4	T51-102BFRT-XTR	44348
	FA	115	4-1/2	T51-115BFRT-XTR	44349
	FA	127	5	T51-127BFRT-XTR	44350

These products are available optionally in Rockmore's XT51 Vector Rod System



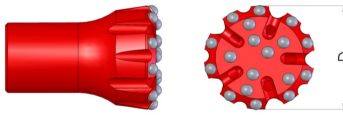
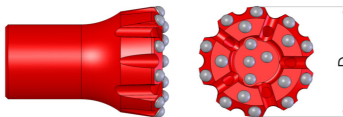
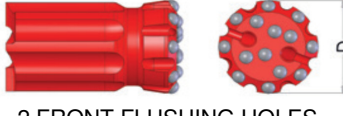
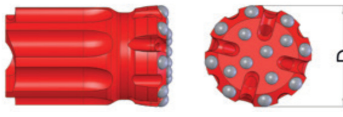
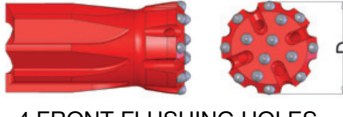
CARBIDE PROFILE DESIGNS







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

HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request; FA = FA (Function Asymmetric) in Gauge/Perimeter row only
 Note: Some button bits may not be offered with a particular carbide design shown above.

THREADED BITS



XT51 2" ROCKMORE Vector Rod System					
FLAT FACE, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	140	5-1/2	XT51-140BF-4093	44051
DROP CENTER, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	140	5-1/2	XT51-140BDC-4094	44053
FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	89	3-1/2	XT51-89BFRT-3292	44215
FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	CP	102	4	XT51-102BFRTCP-3324	44207
	CON	102	4	XT51-102BFRTC-3298	44213
FLAT FACE - XTRAC  4 FRONT FLUSHING HOLES * LARGER CARBIDE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	CP	102	4	XT51-102BFRTCP-3472	44174
	HEM / BAL	102	4	XT51-102BFRT-3554	44148
	CP	102	4	XT51-102BFRTCP-3491 *	44167
	BAL	102	4	XT51-102BFRTB-3473	44173
BAL	102	4	XT51-102BFRTB-3492 *	44166	
CON	102	4	XT51-102BFRTC-3377	44194	

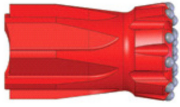



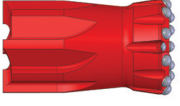
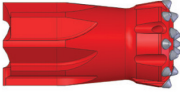
CARBIDE PROFILE DESIGNS					
					
Hemispherical	Hemispherical MultiPoint	CrownPoint	(Semi) Ballistic	(Semi) Ballistic MultiPoint	Conical
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide MP = MultiPoint carbide, on request; FA = FA (Function Asymmetric) in Gauge/Perimeter row only Note: Some button bits may not be offered with a particular carbide design shown above.					

THREADED BITS

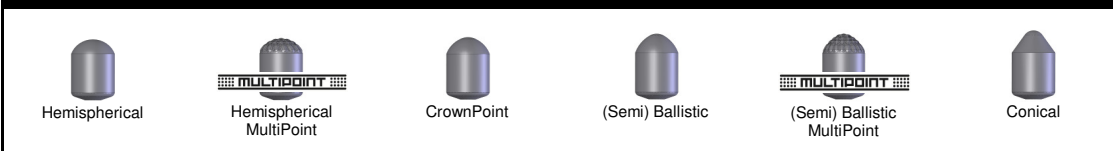


XT51 2" ROCKMORE Vector Rod System (CONTINUED)



FLAT FACE - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	140	5-1/2	XT51-140BFRT-4095	44052
DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		CON	89	3-1/2	XT51-89BRTDCC-3297	44212
DROP CENTER - XTRAC  4 FRONT FLUSHING HOLES * = SPECIAL 1 SIDE HOLE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	89	3-1/2	XT51-89BRTDC-3421 *	44214
		HEM	89	3-1/2	XT51-89BRTDC-4316	16111
		BAL	89	3-1/2	XT51-89BRTDCB-3562 *	44146
		BAL	89	3-1/2	XT51-89BRTDCB-4023	16110
		BAL	102	4	XT51-102BRTDCB-3670	16091
BAL	115	4-1/2	XT51-115BRTDCB-4025	16094		
BAL	127	5	XT51-127BRTDCB-4027	16097		
DROP CENTER - XTRAC  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		BAL	94	3-11/16	XT51-94BRTDCB-3315	44121
CON	94	3-11/16	XT51-94BRTDCC-3319	44203		
DROP CENTER - XTRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		HEM	115	4-1/2	XT51-115BRTDC-3663	16093
		HEM	127	5	XT51-127BRTDC-4292	16096
HEM	140	5-1/2	XT51-140BRTDC-4096	44054		
SEMI DOME - XTRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
		CON	89	3-1/2	XT51-89BRTSDC-4024	16090
		CON	102	4	XT51-102BRTSDC-3668	16092
		CON	115	4-1/2	XT51-115BRTSDC-4026	16095
CON	127	5	XT51-127BRTSDC-4028	16098		

CARBIDE PROFILE DESIGNS

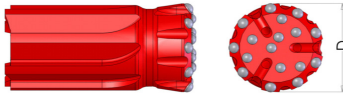
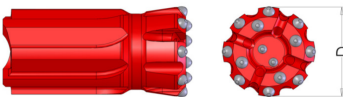


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 MP = MultiPoint carbide, on request; FA = FA (Function Asymmetric) in Gauge/Perimeter row only
 Note: Some button bits may not be offered with a particular carbide design shown above.

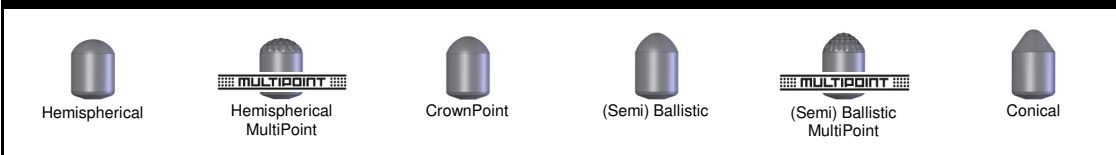
THREADED BITS



ST58 2-1/4"

FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 3 FRONT FLUSHING HOLES	HEM	89	3-1/2	ST58-89BFRT-1713	44929
	BAL	89	3-1/2	ST58-89BFRTB-365	44930
	BAL	93	3-11/16	ST58-93BFRTB-1489	44921
	CON	93	3-11/16	ST58-93BFRTC-936	44493
	HEM	102	4	ST58-102BFRT-381	44931
	BAL	102	4	ST58-102BFRTB-424	44932
DROP CENTER - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 4 FRONT FLUSHING HOLES	HEM	89	3-1/2	ST58-89BRTDC-367	44934
	BAL	89	3-1/2	ST58-89BRTDCB-368	44935
	BAL	93	3-11/16	ST58-93BRTDCB-3746	44916
	HEM	102	4	ST58-102BRTDC-438	44924
	BAL	102	4	ST58-102BRTDCB-257	44936
	HEM	115	4-1/2	ST58-115BRTDC-474	44937
HEM	127	5	ST58-127BRTDC-089	44986	






CARBIDE PROFILE DESIGNS









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

THREADED BITS

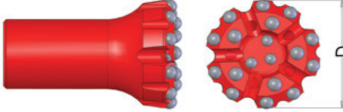
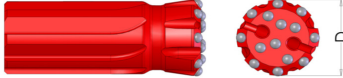
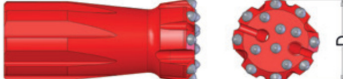
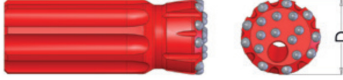

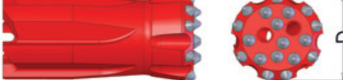








GT60 2-3/8"					
FLAT FACE  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	93	3-11/16	GT60-93BF-2708	44290
	BAL	93	3-11/16	GT60-93BFB-2709	44289
	HEM	95	3-3/4	GT60-95BF-2710	44288
	BAL	95	3-3/4	GT60-95BFB-2711	44287
FLAT FACE  4 FRONT FLUSHING HOLES * LARGER CARBIDE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	102	4	GT60-102BF-2160	44359
	HEM	102	4	GT60-102BF-3609 *	44136
	BAL	102	4	GT60-102BFB-2161	44360
	HEM	115	4-1/2	GT60-115BF-2162	44361
	BAL	115	4-1/2	GT60-115BFB-2163	44362
	HEM	127	5	GT60-127BF-2164	44363
FLAT FACE  3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	102	4	GT60-102BF-3717	44071
	BAL	102	4	GT60-102BFB-3718	44072
	HEM	115	4-1/2	GT60-115BF-3719	44075
	HEM	127	5	GT60-127BF-3720	44077
FLAT FACE, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	GT60-115BF-3642	44104
	HEM	127	5	GT60-127BF-3643	44105
	HEM	140	5-1/2	GT60-140BF-3644	44106
	HEM	152	6	GT60-152BF-3947	44009
DROP CENTER  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	93	3-11/16	GT60-93BDC-2085	44286
	BAL	93	3-11/16	GT60-93BDCB-2712	44285
	HEM	95	3-3/4	GT60-95BDC-2713	44284
	BAL	95	3-3/4	GT60-95BDCB-2714	44283
	HEM	102	4	GT60-102BDC-2086	44364
	BAL	102	4	GT60-102BDCB-766	44365
	HEM	115	4-1/2	GT60-115BDC-2087	44366
	BAL	115	4-1/2	GT60-115BDCB-938	44367
	HEM	127	5	GT60-127BDC-1999	44368
	BAL	127	5	GT60-127BDCB-2064	44369
	HEM	140	5-1/2	GT60-140BDC-2000	44370
	HEM	152	6	GT60-152BDC-2342	44208

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

THREADED BITS

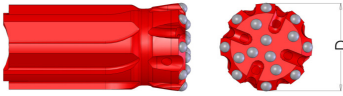
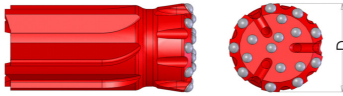
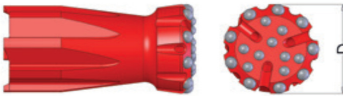
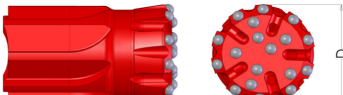
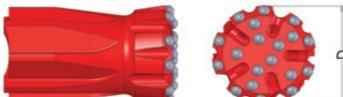








GT60 2-3/8" (CONTINUED)					
DROPCENTER, STARFLOW	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 5 FRONT FLUSHING HOLES	HEM	115	4-1/2	GT60-115BDC-3645	44108
	HEM	127	5	GT60-127BDC-3646	44109
	HEM	140	5-1/2	GT60-140BDC-3647	44110
	HEM	152	6	GT60-152BDC-4190	16105
 2 FRONT FLUSHING HOLES	HEM	93	3-11/16	GT60-93BFRT-2715	44282
	BAL	93	3-11/16	GT60-93BFRTB-2716	44281
	HEM	95	3-3/4	GT60-95BFRT-2717	44280
	BAL	95	3-3/4	GT60-95BFRTB-2718	44279
 2 FRONT FLUSHING HOLES	BAL	95	3-3/4	GT60-95BFRTB-3506	44158
	BAL	102	4	GT60-102BFRTB-3653	44120
 1 FRONT FLUSHING HOLE	BAL	93	3-11/16	GT60-93BFRTB-3177	44234
 2 FRONT FLUSHING HOLES	BAL	93	3-11/16	GT60-93BFRTB-3516	44160
	CON	93	3-11/16	GT60-93BFRTC-3369	44196
 2 FRONT FLUSHING HOLES	BAL	94	3-11/16	GT60-94BFRTB-3577	44143

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

THREADED BITS



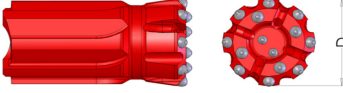
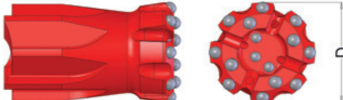
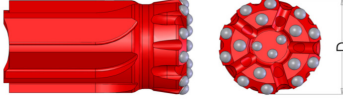
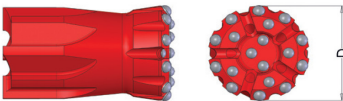
GT60 2-3/8" (CONTINUED)					
FLAT FACE - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 4 FRONT FLUSHING HOLES	HEM	102	4	GT60-102BFRT-706	44371
	BAL	102	4	GT60-102BFRTB-19	44372
	HEM	115	4-1/2	GT60-115BFRT-721	44373
	BAL	115	4-1/2	GT60-115BFRTB-3499	44164
	HEM	127	5	GT60-127BFRT-763	44374
 3 FRONT FLUSHING HOLES * LARGER CARBIDE	BAL	93	3-11/16	GT60-93BFRTB-3723	44070
	HEM	102	4	GT60-102BFRT-3724	44073
	HEM	102	4	GT60-102BFRT-3514 *	44010
	BAL	102	4	GT60-102BFRTB-3725	44074
	HEM	115	4-1/2	GT60-115BFRT-3726	44076
	HEM	127	5	GT60-127BFRT-3727	44078
	HEM	127	5	GT60-127BFRT-3426 *	44079
 3 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	115	4-1/2	GT60-115BFRT-3821	44039
 5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	115	4-1/2	GT60-115BFRT-3425	44161
	HEM	127	5	GT60-127BFRT-3423	44163
	HEM	140	5-1/2	GT60-140BFRT-3635	44107
	HEM	152	6	GT60-152BFRT-3552	44145
 5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	HEM	115	4-1/2	GT60-115BFRT-3859	44011
	HEM	127	5	GT60-127BFRT-3659	44114
	HEM	140	5-1/2	GT60-140BFRT-3860	44015
	HEM	152	6	GT60-152BFRT-3660	16103

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

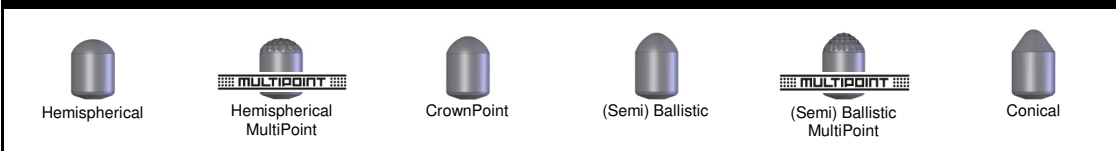
THREADED BITS



GT60 2-3/8" (CONTINUED)

DROP CENTER - RETRAC	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>4 FRONT FLUSHING HOLES</p>	HEM	93	3-11/16	GT60-93BRTDC-999	44278
	BAL	93	3-11/16	GT60-93BRTDCB-2719	44277
	HEM	95	3-3/4	GT60-95BRTDC-2720	44276
	BAL	95	3-3/4	GT60-95BRTDCB-2705	44275
	CON	95	3-3/4	GT60-95BRTDCC-3331	44202
	HEM	102	4	GT60-102BRTDC-647	44375
	BAL	102	4	GT60-102BRTDCB-749	44376
	HEM	115	4-1/2	GT60-115BRTDC-759	44377
	BAL	115	4-1/2	GT60-115BRTDCB-761	44337
	HEM	127	5	GT60-127BRTDC-765	44378
HEM	140	5-1/2	GT60-140BRTDC-18	44379	
 <p>4 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	102	4	GT60-102BRTDC-4075	16099
CON	102	4	GT60-102BRTDCC-3597	44138	
 <p>5 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	GT60-115BRTDC-3616	44111
	HEM	127	5	GT60-127BRTDC-3618	44112
HEM	140	5-1/2	GT60-140BRTDC-3619	44113	
 <p>5 FRONT FLUSHING HOLES</p>	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	GT60-115BRTDC-4047	16100
	HEM	127	5	GT60-127BRTDC-4048	16101
	HEM	140	5-1/2	GT60-140BRTDC-4076	16102
HEM	152	6	GT60-152BRTDC-4131	16104	

CARBIDE PROFILE DESIGNS




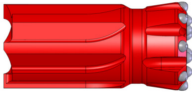
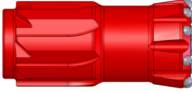



HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

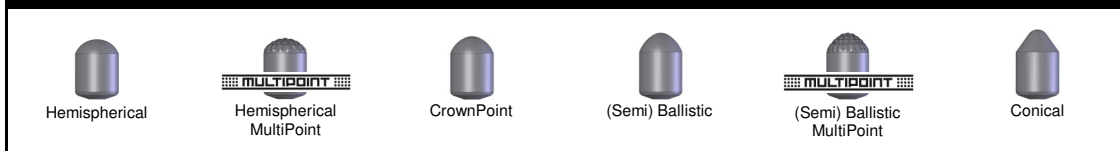
THREADED BITS



T-WiZ60 2-3/8"

FLAT FACE  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	102	4	TWIZ60-102BFB-3865	44027
DROP CENTER  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	102	4	TWIZ60-102BDCB-3952	44019
DROP CENTER  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	102	4	TWIZ60-102BDCB-3951	44018
FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	95	3-3/4	TWIZ60-95BFRTB-3753	44061
FLAT FACE - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	102	4	TWIZ60-102BFRTB-3829	44038
FLAT FACE - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		HEM	127	5	TWIZ60-127BFRT-4007
	BAL	127	5	TWIZ60-127BFRTB-4008	41131

CARBIDE PROFILE DESIGNS

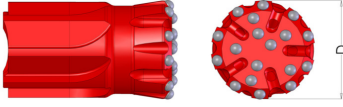
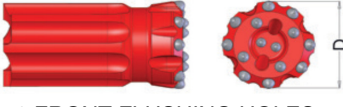
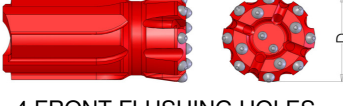


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

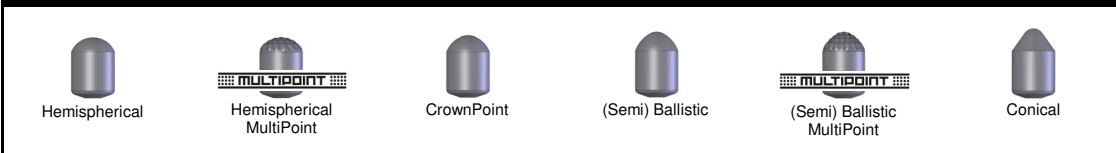
THREADED BITS



T-WiZ60 2-3/8" (CONTINUED)

FLAT FACE - RETRAC, STARFLOW  5 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	140	5-1/2	TWIZ60-140BFRT-4009	41132
	BAL	140	5-1/2	TWIZ60-140BFRTB-4010	41133
DROP CENTER - RETRAC  2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	102	4	TWIZ60-102BRTDCB-3953	44020
DROP CENTER - RETRAC  4 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	95	3-3/4	TWIZ60-95BRTDCB-3912	44060

CARBIDE PROFILE DESIGNS



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

REAMING ACCESSORIES



6° - REAMING BITS, PILOT ADAPTERS, & PILOT RODS

	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	64	2-1/2	RBB-64-6-487	43030
	HEM	76	3	RBB-76-6-774	43031
	HEM	89	3-1/2	RBB-89-6-489	43014
<p>D = 26mm (1-1/32")</p>	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R25	267	10-1/2	PAR25-26B-2612	43070
	R28	267	10-1/2	PAR28-26B-2749	43071
	R32	267	10-1/2	PAR32-26B-2408	43072
<p>D = 28mm (1-3/32")</p>	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R25	300	11-13/16	PAR25-28-300	43089
	R28	300	11-13/16	PAR28-28-300	43085
	R32	300	11-13/16	PAR32-28-300	43083
<p>7/8" HEX (22mm), 4-1/4" SHANK (108mm)</p> <p>D = 27mm (1-1/16)</p>		LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		400	1' 4"	22H-PR-400-6	47287
		800	2' 7"	22H-PR-800-6	47205
		1200	3' 11"	22H-PR-1200-6	43703
		1600	5' 3"	22H-PR-1600-6	47105
		1800	5' 11"	22H-PR-1800-6	47225
		2000	6' 7"	22H-PR-2000-6	47169
		2400	7' 10"	22H-PR-2400-6	47116
		3000	9' 10"	22H-PR-3000-6	47227
	3300	10' 10"	22H-PR-3300-6	47106	

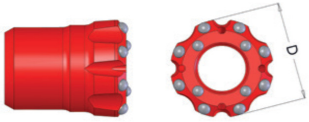
12° - REAMING BITS & PILOT ADAPTERS

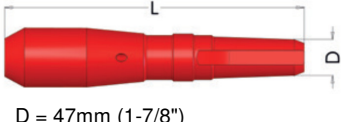
	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	76	3	RBB-76-12-1771	43010
	HEM	89	3-1/2	RBB-89-12-095	43011
	HEM	102	4	RBB-102-12-096	43012
	HEM	115	4-1/2	RBB-115-12-2453	43017
	HEM	127	5	RBB-127-12-097	43013
<p>D = 41mm (1-5/8")</p>	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R32	240	9-7/16	PAR32-41B-2099	43073
	T38	240	9-7/16	PAT38-41B-2759	43074
<p>D = 40mm (1-9/16")</p>	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R32	255	10-1/32	PAR32-40-255	43082
	R35	255	10-1/32	PAR35-40-255	43099
	T38	265	10-13/32	PAT38-40-265	43092
	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R32-R32	242	9-1/2	PAR32-12-R32-242	43084
	R35-R35	242	9-1/2	PAR35-12-R35-242	43093
	T38-R32	260	10-7/32	PAT38-12-R32-260	43097

REAMING ACCESSORIES

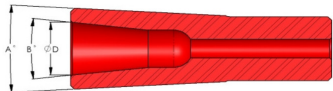


12° - REAMING BITS & PILOT ADAPTERS (LOCKING THREAD T12)

	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	102	4	RBB-102-T12-490	43000
	HEM	115	4-1/2	RBB-115-T12-491	43002
	HEM	127	5	RBB-127-T12-492	43001

 D = 47mm (1-7/8")	THREAD	LENGTH (L)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	R32	304	12	PAR32-47-T12-498	43075
	R38	304	12	PAR38-47-T12-499	43076
	T38	304	12	PAT38-47-T12-732	43078
	T45	304	12	PAT45-47-T12-231	43079

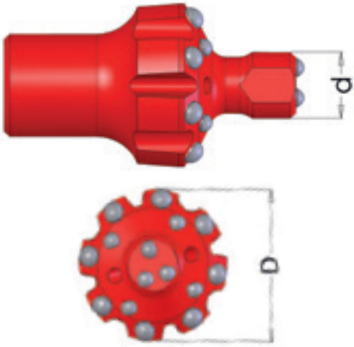
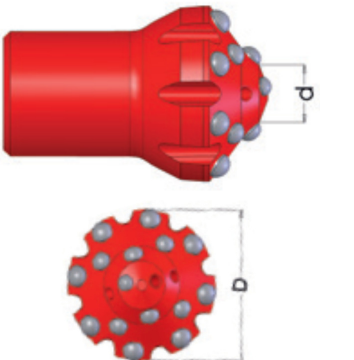
REAMING SHELLS

	ANGLE (A)	D X B°		PART NUMBER	
		mm	In.	USA	AUSTRIA
	6°	22 x 12°	7/8 x 12°	RS2212-6	43035
	6°	22 x 11°	7/8 x 11°	RS2211-6	43036

REAMING ACCESSORIES



HOLE OPENERS

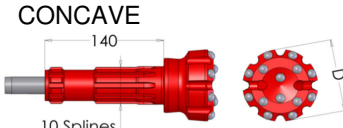
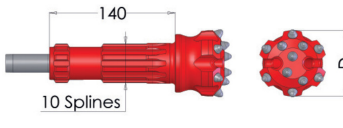
STANDARD TYPE	THD	DIAMETER (D)		DIAMETER (d)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
			R32	102	4	41	1-5/8
	T38	102	4	51	2	T38-51-102HO-889	43043
	T38	127	5	67	2-5/8	T38-67-127HO-278	43044
	T45	127	5	64	2-1/2	T45-64-127HO-4086	43059
	T45	127	5	73	2-7/8	T45-73-127HO-279	43045
	T38	152	6	102	4	T38-102-152HO-896	43046
	T45	152	6	64	2-1/2	T45-64-152HO-3681	43060
	ST58	152	6	89	3-1/2	ST58-89-152HO-303	43047
	R38	178	7	76	3	R38-76-178HO-1346	43048
	T38	203	8	152	6	T38-152-203HO-119	43049
	ST58	225	8-7/8	127	5	ST58-127-225HO-3482	43061
CONE TYPE	THD	DIAMETER (D)		DIAMETER (d)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
			R32	76	3	29	1-5/32
	R32	89	3-1/2	29	1-5/32	R32-29-89CO-1277	43041
	R32	102	4	29	1-5/32	R32-29-102CO-192	43042
	R35	102	4	29	1-5/32	R35-29-102CO-891	43052
	T38	102	4	29	1-5/32	T38-29-102CO-3679	43064
	R32	115	4-1/2	29	1-5/32	R32-29-115CO-247	43050
	T38	115	4-1/2	29	1-5/32	T38-29-115CO-3680	43065
	R32	127	5	29	1-5/32	R32-29-127CO-270	43051
	T38	127	5	29	1-5/32	T38-29-127CO-039	43066

NOTE: ADDITIONAL THREADS AND SIZES AVAILABLE UPON REQUEST.

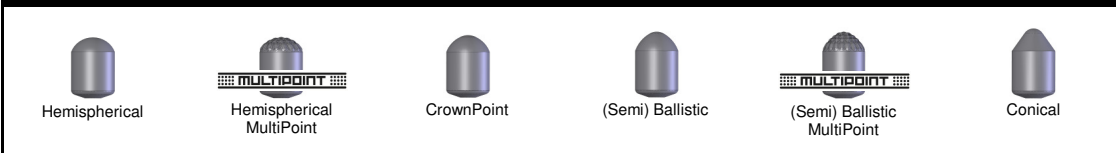
DOWN-THE-HOLE (DTH) BITS ROCKMORE



SHANK: RM250

CONCAVE  10 Splines 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 8G	76	3	RM250-76CC-3459	45616
	HEM, 8G	89	3-1/2	RM250-89CC-3824	45651
CONVEX  10 Splines 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 6G	72	2-13/16	RM250-72CV-4121	45615
	HEM, 8G	76	3	RM250-76CV-3678	45570
RM250 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER	
				USA	AUSTRIA
				BTRM250-1021	45118

CARBIDE PROFILE DESIGNS

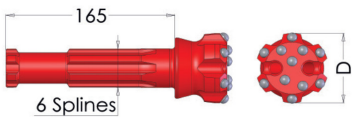


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MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

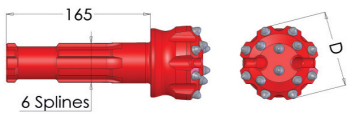
DOWN-THE-HOLE (DTH) BITS BULROC

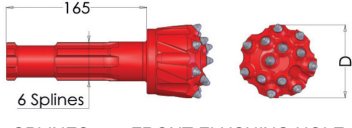


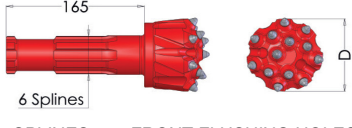
SHANK: BULROC 2 (BR2), ROK 20LT

FLAT FACE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
6 SPLINES 2 FRONT FLUSHING HOLES	HEM	70	2-3/4	BUL2-70FF-3029	45135
	BAL	70	2-3/4	BUL2-70FFB-3031	45180
	HEM	76	3	BUL2-76FF-2960	45087
	HEM / BAL	76	3	BUL2-76FF-3030	45088
	BAL	76	3	BUL2-76FFB-3032	45089

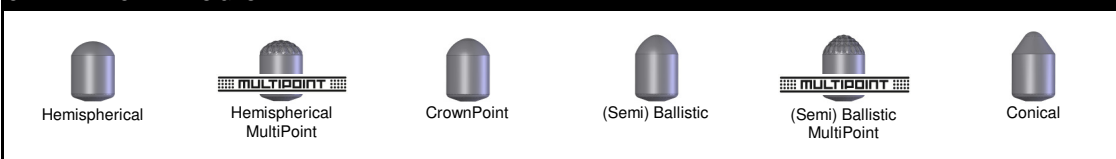
SHANK: BULROC 3/33 (BR3)

CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
6 SPLINES 2 FRONT FLUSHING HOLES * LARGER CARBIDE *** 9G. 3 FRONT FLUSHING HOLES	FB	85	3-3/8	BUL3-85CVB-2822	41245
	HEM	90	3-1/2	BUL3-90CV-2742	41216
	FB	90	3-1/2	BUL3-90CVB-2823	41215
	FB	90	3-1/2	BUL3-90CVB-1875 *	41238
	CON	90	3-1/2	BUL3-90CVC-2743	41233
	HEM	95	3-3/4	BUL3-95CV-2744	41237
	FB	95	3-3/4	BUL3-95CVB-1402	41234
	HEM	105	4-1/8	BUL3-105CV-2745	41239
	FB	105	4-1/8	BUL3-105CVB-1932	41232
	FB	110 **	4-5/16	BUL3-110CVB-4107	41268
	FB	115 **	4-1/2	BUL3-115CVB-4108	41235
	FB	120 **	4-23/32	BUL3-120CVB-4109	41282
	FB	125 **	4-15/16	BUL3-125CVB-4110 ***	41293

HEDGEHOG, CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
6 SPLINES 1 FRONT FLUSHING HOLE	FB	90	3-1/2	BUL3-90HHCVB-4111	45502

HEDGEHOG, CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
6 SPLINES 2 FRONT FLUSHING HOLES	FB	90	3-1/2	BUL3-90HHCVB-3784	45413

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; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front; HEM / FB = Hemispherical Carbide on Gauge and Full Ballistic Carbide on Front
Note: Some button bits may not be offered with a particular carbide design shown above.

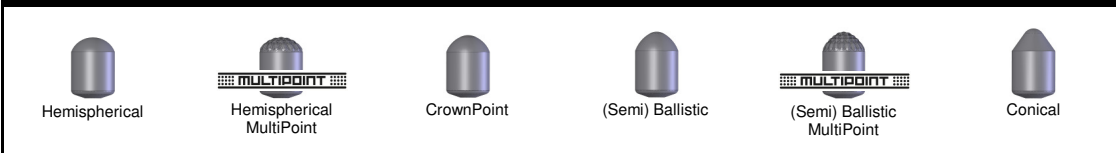
DOWN-THE-HOLE (DTH) BITS BULROC



SHANK: BULROC 33 (BR33), ROK 30LT

CONVEX	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
<p>165 7 Splines 7 SPLINES 2 FRONT FLUSHING HOLES</p>	HEM	90	3-1/2	BUL33-90CV-2728	45463
	FB	90	3-1/2	BUL33-90CVB-2690	45162
	CON	90	3-1/2	BUL33-90CVC-2378	45164
	HEM	95	3-3/4	BUL33-95CV-2729	45459
	FB	95	3-3/4	BUL33-95CVB-2732	45460
	HEM	105	4-1/8	BUL33-105CV-2733	45461
	FB	105	4-1/8	BUL33-105CVB-2741	45462

CARBIDE PROFILE DESIGNS



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

DOWN-THE-HOLE (DTH) BITS EPIROC



SHANK: COP 32

CONVEX 214 8 Splines 8 SPLINES 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	FB	85	3-3/8	COP32-85CVB-2727	45133
	HEM	90	3-1/2	COP32-90CV-1787	45079
	FB	90	3-1/2	COP32-90CVB-1401	41248

SHANK: TD 40

FLAT FACE 210 12 Splines 12 SPLINES 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	110	4-5/16	TD40-110FF-3684	45595
	HEM	115	4-1/2	TD40-115FF-3529	45574
	HEM	115	4-1/2	TD40-115FF-3689 *	45598
	HEM	120	4-23/32	TD40-120FF-3692	45596
	HEM	125	4-15/16	TD40-125FF-3696	45556
	HEM	130 **	5-1/8	TD40-130FF-3698	45597
	HEM	140 **	5-1/2	TD40-140FF-3699	45537

CONCAVE 210 12 Splines 12 SPLINES 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	115	4-1/2	TD40-115CC-3685	45600
	HEM / BAL	115	4-1/2	TD40-115CC-3686	45604
	HEM	125	4-15/16	TD40-125CC-3693	45601
	HEM / BAL	125	4-15/16	TD40-125CC-3694	45605
	HEM	130 **	5-1/8	TD40-130CC-4122	45602
	HEM / BAL	130 **	5-1/8	TD40-130CC-4123	45606

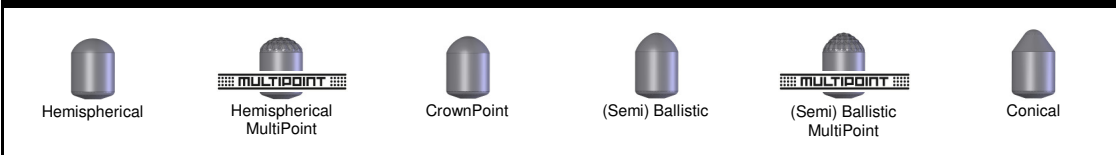
CONVEX 210 12 Splines 12 SPLINES 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	BAL	110	4-5/16	TD40-110CVB-3683	45585
	BAL	115	4-1/2	TD40-115CVB-3688	45586
	BAL	115	4-1/2	TD40-115CVB-3687 *	45593
	BAL	120	4-23/32	TD40-120CVB-3691	45587
	BAL	125	4-15/16	TD40-125CVB-3695	45588
	BAL	130 **	5-1/8	TD40-130CVB-3697	45589

HEDGEHOG, CONVEX 210 12 Splines 12 SPLINES 2 FRONT FLUSHING HOLES	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	FB	115	4-1/2	TD40-115HHCVB-3690	45608

TD40 / QL4 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.	PART NUMBER	
	USA	AUSTRIA
	BTTD40-1022	45093

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

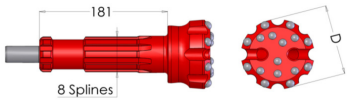
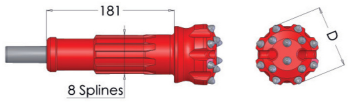
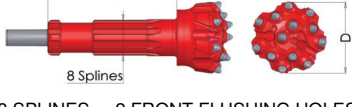


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide
MP = MultiPoint carbide, on request; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front
Note: Some button bits may not be offered with a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

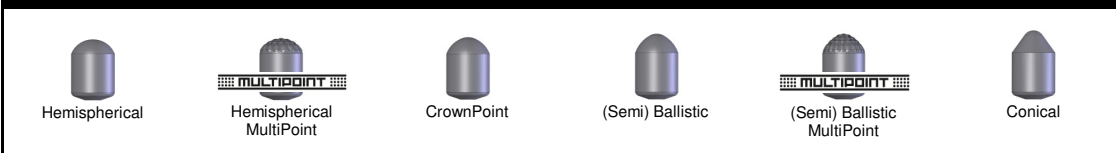
DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND



SHANK: IR 3.5

FLAT FACE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	105	4-1/8	IR35-105FF-2590	45196
CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	CON	85	3-3/8	IR35-85CVC-4112	45134
	HEM	92	3-5/8	IR35-92CV-2722	45070
	HEM / BAL	92	3-5/8	IR35-92CV-4113	45398
	BAL	92	3-5/8	IR35-92CVB-2596	45137
	BAL, 8F	92	3-5/8	IR35-92CVB-2833	45278
	CON	92	3-5/8	IR35-92CVC-3766	45497
	HEM	95	3-3/4	IR35-95CV-2723	45291
	HEM / BAL	95	3-3/4	IR35-95CV-4114	45496
	BAL	95	3-3/4	IR35-95CVB-2602	45290
	CON	95	3-3/4	IR35-95CVC-3207	45412
	HEM	100	3-15/16	IR35-100CV-2724	45263
	BAL	100	3-15/16	IR35-100CVB-2603	45169
	HEM	105	4-1/8	IR35-105CV-2725	45293
BAL	105	4-1/8	IR35-105CVB-2726	45292	
HEDGEHOG, CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	FB	92	3-5/8	IR35-92HHCVB-3178	45493
	FB	95	3-3/4	IR35-95HHCVB-3767	45494
	FB	100	3-15/16	IR35-100HHCVB-3179	45524
FB	105	4-1/8	IR35-105HHCVB-3214	45528	
IR 3.5 / IR 3.5HD BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER	
				USA	AUSTRIA
				BTIR35HD-1018	45099

CARBIDE PROFILE DESIGNS

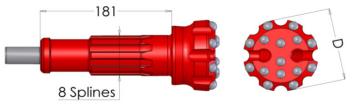


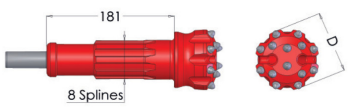
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide; MP = MultiPoint carbide, on request; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front
Note: Some button bits may not be offered with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

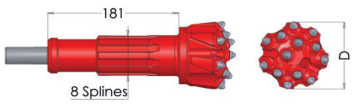
DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND



SHANK: IR 3.5HD

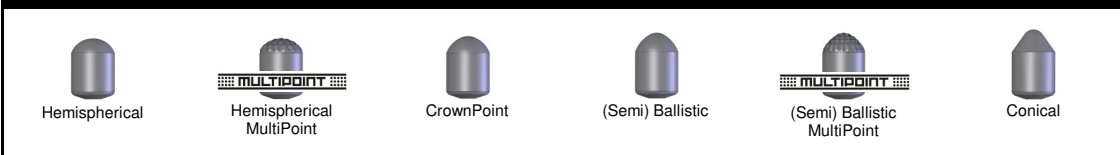
FLAT FACE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	105	4-1/8	IR35HD-105FF-2832	45335

CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM	95	3-3/4	IR35HD-95CV-2827	45331
	HEM / BAL	95	3-3/4	IR35HD-95CV-3771	45468
	BAL	95	3-3/4	IR35HD-95CVB-2828	45330
	CON	95	3-3/4	IR35HD-95CVC-3772	45498
	HEM	100	3-15/16	IR35HD-100CV-2829	45333
	HEM / BAL	100	3-15/16	IR35HD-100CV-4115	45538
	BAL	100	3-15/16	IR35HD-100CVB-2830	45332
	CON	100	3-15/16	IR35HD-100CVC-3768	45523
	HEM / BAL	105	4-1/8	IR35HD-105CV-4116	45336
	BAL	105	4-1/8	IR35HD-105CVB-2831	45334
	FB	105	4-1/8	IR35HD-105CVB-3769	45469
CON	105	4-1/8	IR35HD-105CVC-4117	45642	

HEDGEHOG, CONVEX 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	FB	95	3-3/4	IR35HD-95HHCVB-3773	45495
	FB	100	3-15/16	IR35HD-100HHCVB-4129	45650
FB	105	4-1/8	IR35HD-105HHCVB-4118	45633	

IR 3.5 / IR 3.5HD BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.	PART NUMBER	
	USA	AUSTRIA
	BTIR35HD-1018	45099

CARBIDE PROFILE DESIGNS

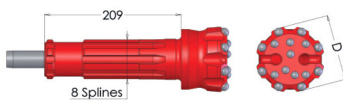
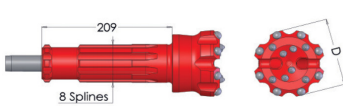


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide; FB = Full Ballistic Carbide
 MP = MultiPoint carbide, on request; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front
 Note: Some button bits may not be offered with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

DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND

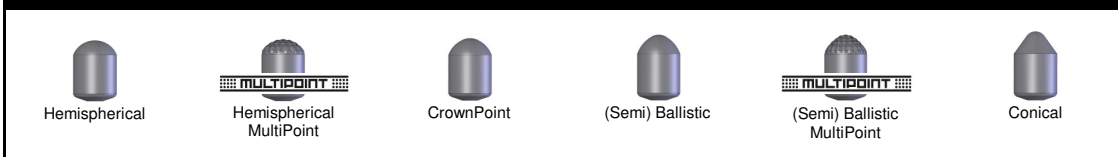


SHANK: 340A

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
 <p>8 SPLINES 2 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM	105	4-1/8	340A-105FF-1599	45032	
	HEM	110	4-5/16	340A-110FF-1600	45069	
	HEM	115	4-1/2	340A-115FF-914	45066	
	HEM	115	4-1/2	340A-115FF-3761 *	45411	
	HEM / BAL	115	4-1/2	340A-115FF-2796	45517	
	HEM	121	4-3/4	340A-121FF-2198	45341	
	HEM	127 **	5	340A-127FF-1601	45165	
	HEM	130 **	5-1/8	340A-130FF-1602	45195	
	HEM	140 **	5-1/2	340A-140FF-735	45033	
	HEM	145 **	5-45/64	340A-145FF-2841	45307	
	HEM	150 **	5-7/8	340A-150FF-4104	45260	
	CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
	 <p>8 SPLINES 2 FRONT FLUSHING HOLES</p>	HEM	105	4-1/8	340A-105CC-1603	45034
HEM		110	4-5/16	340A-110CC-1604	45035	
HEM / BAL		110	4-5/16	340A-110CC-3759	45516	
HEM		115	4-1/2	340A-115CC-917	45212	
HEM / BAL		115	4-1/2	340A-115CC-2834	45425	
HEM / BAL		120	4-23/32	340A-120CC-3762	45508	
HEM		121	4-3/4	340A-121CC-1439	45192	
HEM		127 **	5	340A-127CC-1605	45213	
HEM / BAL		127 **	5	340A-127CC-2836	45424	
HEM		130 **	5-1/8	340A-130CC-1606	45193	
HEM / BAL		130 **	5-1/8	340A-130CC-2838	45437	
HEM		140 **	5-1/2	340A-140CC-1607	45214	
HEM / BAL		140 **	5-1/2	340A-140CC-4298	45644	

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

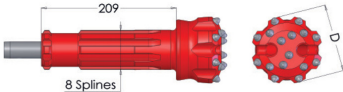
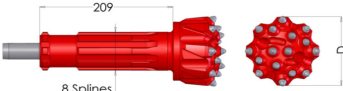


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 MP = MultiPoint carbide, on request; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front
 Note: Some button bits may not be offered with a particular carbide design shown above.







DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND



SHANK: 340A (CONTINUED)

CONVEX	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>8 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES * LARGER CARBIDE</p>	HEM, 8G	105	4-1/8	340A-105CV-3757	41276
	BAL, 8G	105	4-1/8	340A-105CVB-2282	45167
	HEM, 8G	110	4-5/16	340A-110CV-4097	41287
	BAL, 8G	110	4-5/16	340A-110CVB-3760	41294
	BAL, 8G	110	4-5/16	340A-110CVB-2760 *	45443
	HEM, 8G	115	4-1/2	340A-115CV-1969	41278
	HEM / BAL, 8G	115	4-1/2	340A-115CV-4099	45636
	BAL, 8G	115	4-1/2	340A-115CVB-4100	45075
	BAL, 8G	115	4-1/2	340A-115CVB-2084 *	45067
	BAL, 7G	115	4-1/2	340A-115CVB-2835	45431
	CON, 8G	115	4-1/2	340A-115CVC-4101	45575
	BAL, 8G	120	4-23/32	340A-120CVB-3682	45550
	BAL, 9G	127 **	5	340A-127CVB-2756	45074
	HEM, 8G	130 **	5-1/8	340A-130CV-3778	45149
	HEM / BAL, 9G	130 **	5-1/8	340A-130CV-4103	45641
	BAL, 9G	130 **	5-1/8	340A-130CVB-3779	45150
	HEM, 8G	140 **	5-1/2	340A-140CV-3763	45151
	FB, 9G	140 **	5-1/2	340A-140CVB-2839	45152
	FB, 8G	145 **	5-45/64	340A-145CVB-2840	45328
	 <p>8 SPLINES 2 FRONT FLUSHING HOLES</p>	HEDGEHOG, CONVEX			
FB, 8G		110	4-5/16	340A-110HHCVB-4098	45539
FB, 8G		115	4-1/2	340A-115HHCVB-3160	45499
FB, 8G		120	4-23/32	340A-120HHCVB-4102	45567
FB, 9G		127 **	5	340A-127HHCVB-3452	45531
340A BLOW TUBE				PART NUMBER	
Designed as a replacement part to only fit ROCKMORE manufactured bits.				USA	AUSTRIA
				BT340A-1003	45094

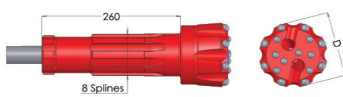
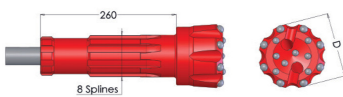
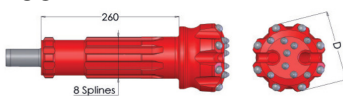
** No shank breakage warranty

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

DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND

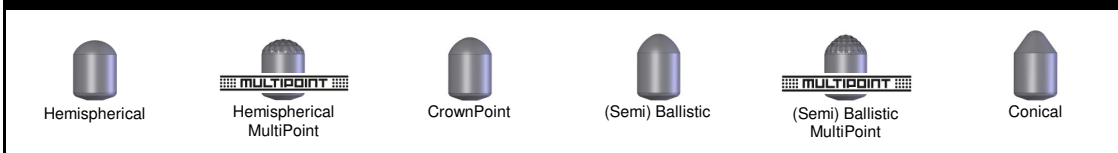


SHANK: 350R

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>8 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES</p>	HEM	130	5-1/8	350R-130FF-1608	45166
	HEM	135	5-5/16	350R-135FF-4106	45549
	HEM, 9G	135	5-5/16	350R-135FF-4301	45566
	HEM	140	5-1/2	350R-140FF-106	45086
	HEM	145	5-45/64	350R-145FF-4300	45664
	HEM	146	5-3/4	350R-146FF-883	45216
	HEM	150	5-7/8	350R-150FF-2201	45184
	HEM, 9G	150	5-7/8	350R-150FF-4302	45573
	HEM	152 **	6	350R-152FF-2202	45344
	HEM	165 **	6-1/2	350R-165FF-4031	45673
CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>8 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES</p>	HEM	127	5	350R-127CC-1609	45217
	HEM	130	5-1/8	350R-130CC-1610	45218
	HEM / BAL	130	5-1/8	350R-130CC-2783	45467
	HEM / BAL, 9G	130	5-1/8	350R-130CC-4304	45675
	HEM / BAL	135	5-5/16	350R-135CC-4105	45548
	HEM / BAL, 9G	135	5-5/16	350R-135CC-4305	45702
	HEM	140	5-1/2	350R-140CC-107	45219
	HEM	146	5-3/4	350R-146CC-851	45220
	HEM	150	5-7/8	350R-150CC-2203	45345
	HEM / BAL	150	5-7/8	350R-150CC-4303	45643
	HEM / BAL, 9G	150	5-7/8	350R-150CC-4306	45695
	HEM	152 **	6	350R-152CC-737	45346
	HEM / BAL	152 **	6	350R-152CC-3393	45559
	HEM	165 **	6-1/2	350R-165CC-2188	45529
	HEM	180 **	7	350R-180CC-2404	45410
CONVEX	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>8 SPLINES 2 FRONT FLUSHING HOLES</p>	BAL	127	5	350R-127CVB-4299	45520
	BAL	140	5-1/2	350R-140CVB-2843	45403
	BAL	146	5-3/4	350R-146CVB-2844	45394
350R BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER	
				USA	AUSTRIA
				BT350R-1004	45101

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

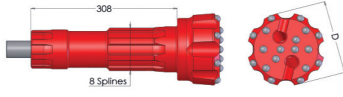
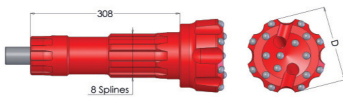


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DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND









SHANK: 360, SF6

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 8 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES	HEM, 8G	152	6	360-152FF-1173	41297
	HEM, 8G	156	6-1/8	360-156FF-794	41206
	HEM, 8G	159	6-1/4	360-159FF-117	41208
	HEM, 8G	165	6-1/2	360-165FF-1098	41209
	HEM, 10G	165	6-1/2	360-165FF-219	41296
	HEM, 10G	172	6-3/4	360-172FF-1611	41213
	HEM, 9G	178 **	7	360-178FF-3788	45626
	HEM, 10G	180 **	7	360-180FF-1798	45277
	HEM, 10G	190 **	7-1/2	360-190FF-2205	45348
	HEM, 10G	200 **	7-7/8	360-200FF-2206	45350
	HEM, 10G	203 **	8	360-203FF-843	41214
	CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER
mm			In.	USA	AUSTRIA
 8 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES	HEM, 8G	152	6	360-152CC-2318	41290
	HEM, 8G	156	6-1/8	360-156CC-903	41210
	HEM, 8G	159	6-1/4	360-159CC-118	41286
	HEM, 8G	165	6-1/2	360-165CC-238	41291
	HEM, 10G	165	6-1/2	360-165CC-1612	41257
	HEM, 8G	172	6-3/4	360-172CC-1356	45436
	HEM, 10G	172	6-3/4	360-172CC-1397	41258
	BAL, 10G	172	6-3/4	360-172CCB-1891	45435
	HEM, 9G	178 **	7	360-178CC-3450	45637
	HEM, 10G	190 **	7-1/2	360-190CC-2102	45349
	HEM, 10G	200 **	7-7/8	360-200CC-226	45351
	HEM, 10G	203 **	8	360-203CC-225	41259
HEM, 12G	254 **	10	360-254CC-3314	45440	
360 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER	
				USA	AUSTRIA
				BT360-1005	45095

** No shank breakage warranty

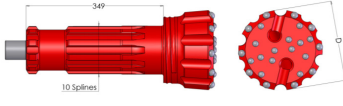
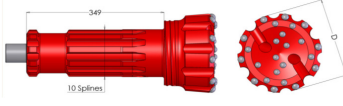
CARBIDE PROFILE DESIGNS

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







DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND



SHANK: 380

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>10 SPLINES 2 FRONT FLUSHING HOLES</p>	HEM, 10G	203	8	380-203FF-1067	45221
	HEM, 10G	207	8-1/8	380-207FF-2211	45362
	HEM, 10G	216	8-1/2	380-216FF-1053	45222
	HEM, 10G	225	8-7/8	380-225FF-2213	45364
	HEM, 10G	229	9	380-229FF-2215	45366
	HEM, 12G	251 **	9-7/8	380-251FF-2217	45368
	HEM, 12G	254 **	10	380-254FF-1613	45223
	HEM, 12G	305 **	12	380-305FF-3649	45618
CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
 <p>10 SPLINES 2 FRONT FLUSHING HOLES</p>	HEM, 10G	190	7-1/2	380-190CC-2623	45432
	HEM, 10G	194	7-5/8	380-194CC-2600	45464
	HEM, 10G	203	8	380-203CC-232	45224
	HEM, 10G	207	8-1/8	380-207CC-3028	45363
	HEM, 10G	216	8-1/2	380-216CC-1147	45225
	HEM, 10G	225	8-7/8	380-225CC-2228	45365
	HEM, 10G	229	9	380-229CC-2230	45367
	HEM, 12G	251 **	9-7/8	380-251CC-2051	45369
	HEM, 12G	254 **	10	380-254CC-233	45226
	HEM, 12G	305 **	12	380-305CC-3650	45617
380 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER	
				USA	AUSTRIA
				BT380-1006	45115

** No shank breakage warranty

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

DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND - QL SERIES

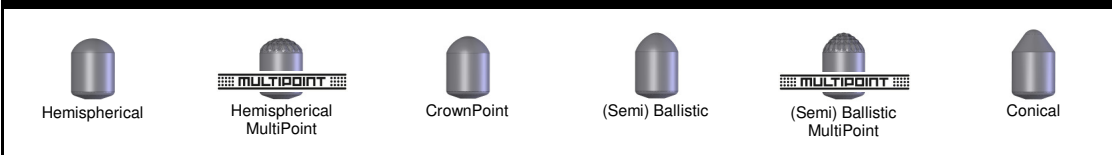


SHANK: QL5/QL50

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
				12 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES	
HEM	130	5-1/8	QL5-130FF-2066	45312	
HEM, 9G	135	5-5/16	QL5-135FF-4309	45683	
HEM	140	5-1/2	QL5-140FF-2067	45314	
HEM, 10F	140	5-1/2	QL5-140FF-4308	45569	
HEM, 9G	140	5-1/2	QL5-140FF-3481	45681	
HEM	146	5-3/4	QL5-146FF-2068	45316	
HEM	152 **	6	QL5-152FF-2220	45378	
HEM	165 **	6-1/2	QL5-165FF-3384	45560	
CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
				12 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES	
HEM	127	5	QL5-127CC-2069	45311	
HEM	130	5-1/8	QL5-130CC-2070	45313	
HEM / BAL	130	5-1/8	QL5-130CC-3780	45487	
HEM / BAL, 9G	130	5-1/8	QL5-130CC-4310	45669	
BAL	130	5-1/8	QL5-130CCB-3776	45505	
HEM / BAL	135	5-5/16	QL5-135CC-2937	45489	
HEM / BAL, 9G	135	5-5/16	QL5-135CC-4311	45630	
HEM, 9G	135	5-5/16	QL5-135CC-4312	45631	
HEM	140	5-1/2	QL5-140CC-2071	45315	
HEM / BAL	140	5-1/2	QL5-140CC-2801	45564	
HEM	146	5-3/4	QL5-146CC-2072	45317	
HEM / BAL	146	5-3/4	QL5-146CC-3777	45490	
HEM / BAL, 9G	150	5-7/8	QL5-150CC-4313	45670	
HEM	152 **	6	QL5-152CC-2236	45379	
HEM / BAL, 9G	152 **	6	QL5-152CC-3313	45544	
HEM	165 **	6-1/2	QL5-165CC-2786	45530	
HEM	180 **	7	QL5-180CC-3305	45541	
CONVEX	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
				12 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES	
BAL	130	5-1/8	QL5-130CVB-3027	45506	
BAL, 9G	130	5-1/8	QL5-130CVB-3325	45547	
BAL	135	5-5/16	QL5-135CVB-3026	45507	
BAL, 9G	135	5-5/16	QL5-135CVB-4307	45662	
BAL	140	5-1/2	QL5-140CVB-2901	45522	
BAL, 9G	140	5-1/2	QL5-140CVB-3381	45557	
QL5/QL50 BLOW TUBE			PART NUMBER		
Designed as a replacement part to only fit ROCKMORE manufactured bits.			USA		AUSTRIA
			BTQL5-1013		45116

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

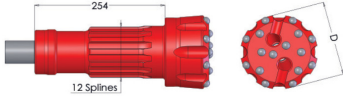
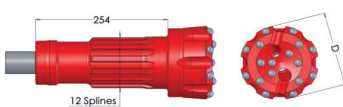


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
MP = MultiPoint carbide, on request; HEM / BAL = Hemispherical Carbide on Gauge and Semi Ballistic Carbide on Front
Note: Some button bits may not be offered with a particular carbide design shown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

DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND - QL SERIES

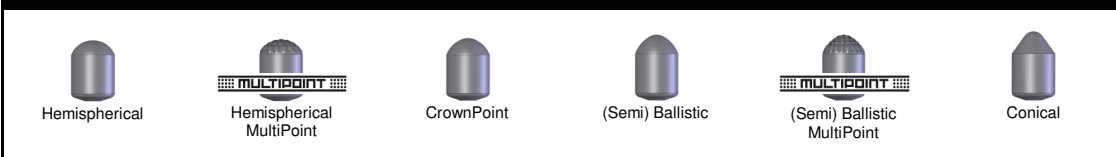


SHANK: QL6/QL60

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER		
		mm	In.	USA	AUSTRIA	
	HEM, 8G	152	6	QL6-152FF-1623	45235	
	HEM, 8G	155	6.1	QL6-155FF-2118	45380	
	HEM, 8G	156	6-1/8	QL6-156FF-1938	45382	
	HEM, 8G	159	6-1/4	QL6-159FF-2219	45384	
	HEM, 8G	165	6-1/2	QL6-165FF-1180	45236	
	HEM, 8G	165	6-1/2	QL6-165FF-1049 *	45473	
	HEM, 10G	165	6-1/2	QL6-165FF-1624	45241	
	HEM, 8G	172	6-3/4	QL6-172FF-1350	45237	
	HEM, 8G	172	6-3/4	QL6-172FF-2815 *	45474	
	HEM, 10G	172	6-3/4	QL6-172FF-1625	45242	
	HEM, 10G	190 **	7-1/2	QL6-190FF-2221	45386	
	HEM, 10G	200 **	7-7/8	QL6-200FF-2222	45388	
	HEM, 10G	203 **	8	QL6-203FF-2356	45421	
	HEM, 10G	219 **	8-5/8	QL6-219FF-2946	45491	
	HEM, 12G	244 **	9-5/8	QL6-244FF-3148	45521	
	12 SPLINES 2 FRONT FLUSHING HOLES * LARGER CARBIDE					
	CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA	
	HEM, 8G	152	6	QL6-152CC-2233	45238	
	HEM, 9G	152	6	QL6-152CC-2578	45445	
	HEM, 8G	155	6.1	QL6-155CC-2117	45381	
	HEM, 9G	155	6.1	QL6-155CC-2580	45446	
	HEM, 8G	156	6-1/8	QL6-156CC-1920	45383	
	HEM, 9G	156	6-1/8	QL6-156CC-2694	45447	
	HEM, 8G	159	6-1/4	QL6-159CC-1955	45385	
	HEM, 9G	159	6-1/4	QL6-159CC-2695	45448	
	HEM, 8G	165	6-1/2	QL6-165CC-1102	45239	
	HEM, 8G	165	6-1/2	QL6-165CC-2391 *	45475	
	HEM, 9G	165	6-1/2	QL6-165CC-2670	45449	
	HEM, 10G	165	6-1/2	QL6-165CC-1626	45243	
	HEM, 10G	165	6-1/2	QL6-165CC-2367 *	45476	
	HEM, 8G	172	6-3/4	QL6-172CC-1278	45240	
	HEM, 9G	172	6-3/4	QL6-172CC-2599	45450	
	HEM, 10G	172	6-3/4	QL6-172CC-1410	45244	
	HEM, 10G	172	6-3/4	QL6-172CC-2247 *	45477	
	HEM, 10G	180	7	QL6-180CC-2437	45470	
	12 SPLINES 2 FRONT FLUSHING HOLES 9G, 3 FRONT FLUSHING HOLES * LARGER CARBIDE					
HEM, 10G	190 **	7-1/2	QL6-190CC-2223	45387		
HEM, 10G	200 **	7-7/8	QL6-200CC-2224	45389		
HEM, 10G	220 **	8-5/8	QL6-220CC-2583	45518		

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

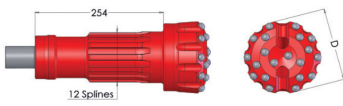


HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
MP = MultiPoint carbide, on request
Note: Some button bits may not be offered with a particular carbide design shown above.

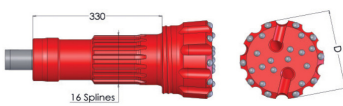
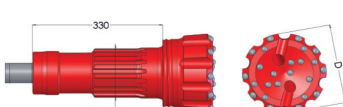
DOWN-THE-HOLE (DTH) BITS INGERSOLL-RAND - QL SERIES



SHANK: QL6/QL60 (CONTINUED)

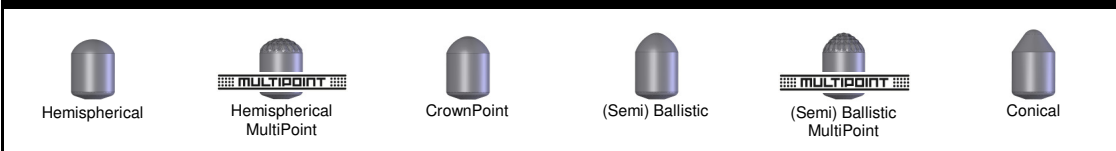
CONCAVE - CONVEX	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		HEM, 10G	152	6	QL6-152CCV-2425
 12 SPLINES 2 FRONT FLUSHING HOLES * LARGER CARBIDE	HEM, 10G	155	6.1	QL6-155CCV-2250	45452
	HEM, 10G	156	6-1/8	QL6-156CCV-2692	45453
	HEM, 10G	159	6-1/4	QL6-159CCV-2693	45454
	HEM, 10G	165	6-1/2	QL6-165CCV-2449	45455
	HEM, 10G, 10F	172	6-3/4	QL6-172CCV-2450	45456
	HEM, 10G, 9F	172	6-3/4	QL6-172CCV-1959 *	45478
	HEM, 10G, 8F	172	6-3/4	QL6-172CCV-2589 *	45479
	QL6/QL60 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER USA AUSTRIA BTQL6-1014 45097

SHANK: QL8/QL80

FLAT FACE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		HEM, 10G	203	8	QL8-203FF-2073
 16 SPLINES 2 FRONT FLUSHING HOLES	HEM, 10G	216	8-1/2	QL8-216FF-2074	45320
	HEM, 12G	254 **	10	QL8-254FF-2075	45322
	HEM, 12G	305 **	12	QL8-305FF-3233	45620
CONCAVE	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
		HEM, 10G	203	8	QL8-203CC-2076
 16 SPLINES 2 FRONT FLUSHING HOLES	HEM, 10G	207	8-1/8	QL8-207CC-2227	45390
	HEM, 10G	216	8-1/2	QL8-216CC-2077	45321
	HEM, 10G	225	8-7/8	QL8-225CC-2229	45391
	HEM, 10G	229	9	QL8-229CC-2231	45392
	HEM, 12G	254 **	10	QL8-254CC-2078	45323
	HEM, 12G	305 **	12	QL8-305CC-3648	45619
	QL8/QL80 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.				PART NUMBER USA AUSTRIA BTQL8-1015 45117

** No shank breakage warranty

CARBIDE PROFILE DESIGNS

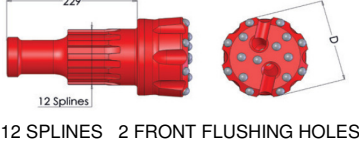


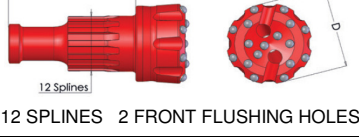
HEM = Hemispherical Carbide; BAL = (Semi) Ballistic Carbide; CP = CrownPoint carbide; CON = Conical carbide
 MP = MultiPoint carbide, on request
 Note: Some button bits may not be offered with a particular carbide design shown above.

DOWN-THE-HOLE (DTH) BITS SANDVIK - MISSION

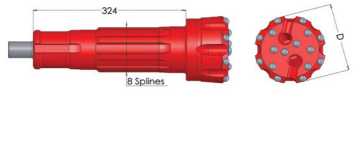


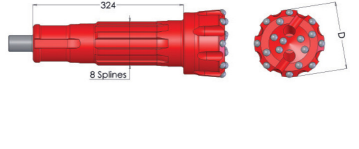
SHANK: MI6 / M60

FLAT FACE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 8G	156	6-1/8	MI6-156FF-2370	45708
	HEM, 10G	203 **	8	MI6-203FF-2371	45709

CONCAVE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 8G	156	6-1/8	MI6-156CC-2002	45356
	HEM, 8G	165	6-1/2	MI6-165CC-1976	45358
	HEM, 8G	172	6-3/4	MI6-172CC-2024	45361

SHANK: 5315, SD6

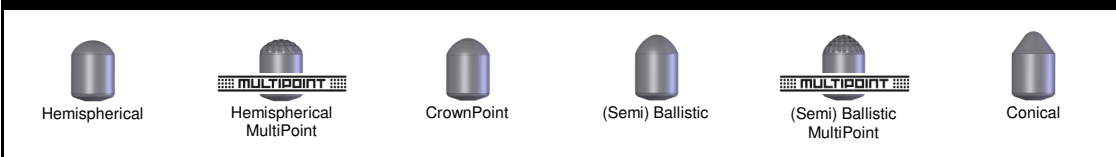
FLAT FACE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 8G	152	6	5315-152FF-1175	45003
	HEM, 8G	156	6-1/8	5315-156FF-673	45010
	HEM, 8G	159	6-1/4	5315-159FF-112	45011
	HEM, 8G	165	6-1/2	5315-165FF-1100	45037
	HEM, 10G	165	6-1/2	5315-165FF-217	45015
	HEM, 10G	172	6-3/4	5315-172FF-1637	45016
	HEM, 10G	178 **	7	5315-178FF-2207	45042
	HEM, 10G	190 **	7-1/2	5315-190FF-2208	45024
	HEM, 10G	200 **	7-7/8	5315-200FF-2209	45026
	HEM, 10G	203 **	8	5315-203FF-830	45017

CONCAVE 	CARBIDE DESIGN	DIAMETER (D)		PART NUMBER	
		mm	In.	USA	AUSTRIA
	HEM, 8G	152	6	5315-152CC-111	45012
	HEM, 8G	156	6-1/8	5315-156CC-901	45013
	HEM, 8G	159	6-1/4	5315-159CC-114	45014
	HEM, 8G	165	6-1/2	5315-165CC-236	45038
	HEM, 10G	165	6-1/2	5315-165CC-1638	45018
	HEM, 10G	172	6-3/4	5315-172CC-1422	45019
	HEM, 10G	178 **	7	5315-178CC-1853	45043
	HEM, 10G	190 **	7-1/2	5315-190CC-1845	45025
	HEM, 10G	200 **	7-7/8	5315-200CC-2210	45027
	HEM, 10G	203 **	8	5315-203CC-1364	45020

5315 BLOW TUBE Designed as a replacement part to only fit ROCKMORE manufactured bits.	PART NUMBER	
	USA	AUSTRIA
	BT5315-1010	45036

** No shank breakage warranty

CARBIDE PROFILE DESIGNS




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


DOWN-THE-HOLE (DTH) HAMMERS




ROK 2LT (LOW PRESSURE)

ROK 20LT RD 50-6 BOX LOW PRESSURE 	BIT SHANK STYLE	PART NUMBER	
	BULROC 2 (6 SPLINES)	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK20LT-001	42040
	70 mm - 76 mm 2.8" - 3"		
	OPERATING AIR PRESSURE		
	6 - 10 (BAR) 87 - 145 (PSI)		



ROK 30LT (LOW PRESSURE)

ROK 30LT 2-3/8" API REG PIN LOW PRESSURE 	BIT SHANK STYLE	PART NUMBER	
	BULROC 33 (7 SPLINES)	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK30LT-001	42041
	90 mm - 95 mm 3.5" - 3.7"		
	OPERATING AIR PRESSURE		
	6 - 10 (BAR) 87 - 145 (PSI)		

ROK 250

ROK 250 RD-50 BOX 	BIT SHANK STYLE	PART NUMBER	
	ROCKMORE RM250	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK250-004	50010
	76 mm - 89 mm 3" - 3.5"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 300

ROK 300 2-3/8" API REG PIN 	BIT SHANK STYLE	PART NUMBER	
	IR 3.5 MISSION XL 3	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK300-001	50020
	88 mm - 105 mm 3.5" - 4.1"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 300 2-3/8" API REG BOX 	BIT SHANK STYLE	PART NUMBER	
	IR 3.5 MISSION XL 3	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK300-002	50021
	88 mm - 105 mm 3.5" - 4.1"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


DOWN-THE-HOLE (DTH) HAMMERS





ROK 300 (continued)


ROK 300 CUBEX #21 PIN WITH SPLINES	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5	ROK300-003	50022
	MISSION XL 3		
	RECOMMENDED BIT DIAMETER		
	88 mm - 105 mm		
	3.5" - 4.1"		
OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			


ROK 350

ROK 350 2-3/8" API REG PIN	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5	ROK350-001	50030
	MISSION XL 3		
	RECOMMENDED BIT DIAMETER		
	95 mm - 105 mm		
	3.7" - 4.1"		
OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			

ROK 350 2-3/8" API REG PIN Heavy Duty Bit Retainer Rings IR 3.5 HD Driver Sub	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5 HD	ROK350-002	50031
	RECOMMENDED BIT DIAMETER		
	95 mm - 105 mm		
	3.7" - 4.1"		
	OPERATING AIR PRESSURE		
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			

ROK 350 2-3/8" API REG BOX	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5	ROK350-003	50032
	MISSION XL 3		
	RECOMMENDED BIT DIAMETER		
	95 mm - 105 mm		
	3.7" - 4.1"		
OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			


ROK 350 2-3/8" API REG BOX Heavy Duty Bit Retainer Rings IR 3.5 HD Driver Sub	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5 HD	ROK350-004	50033
	RECOMMENDED BIT DIAMETER		
	95 mm - 105 mm		
	3.7" - 4.1"		
	OPERATING AIR PRESSURE		
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			

ROK 350 CUBEX #21 PIN WITH SPLINES	BIT SHANK STYLE	PART NUMBER	
		USA	AUSTRIA
	IR 3.5	ROK350-005	50034
	MISSION XL 3		
	RECOMMENDED BIT DIAMETER		
	95 mm - 105 mm		
	3.7" - 4.1"		
OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR)			
150 - 350 (PSI)			


DOWN-THE-HOLE (DTH) HAMMERS





ROK 350 (continued)


ROK 350 CUBEX #21 PIN WITH SPLINES Heavy Duty Bit Retainer Rings IR 3.5 HD Driver Sub	BIT SHANK STYLE	PART NUMBER	
		IR 3.5 HD	USA
RECOMMENDED BIT DIAMETER		ROK350-006	50035
95 mm - 105 mm 3.7" - 4.1"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 400

ROK 400 2-3/8" API REG PIN	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 340A EPIROC COP 44	USA
RECOMMENDED BIT DIAMETER		ROK400-001	50040
110 mm - 125 mm 4.3" - 4.9"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 400 2-3/8" API REG BOX	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 340A EPIROC COP 44	USA
RECOMMENDED BIT DIAMETER		ROK400-005	50043
110 mm - 125 mm 4.3" - 4.9"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		








ROK 400 2-3/8" API IF PIN	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 340A EPIROC COP 44	USA
RECOMMENDED BIT DIAMETER		ROK400-004	50042
110 mm - 125 mm 4.3" - 4.9"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 400 2-7/8" API REG PIN	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 340A EPIROC COP 44	USA
RECOMMENDED BIT DIAMETER		ROK400-002	50041
110 mm - 125 mm 4.3" - 4.9"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 400 2-7/8" API REG BOX	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 340A EPIROC COP 44	USA
RECOMMENDED BIT DIAMETER		ROK400-007	50045
110 mm - 125 mm 4.3" - 4.9"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		








DOWN-THE-HOLE (DTH) HAMMERS



ROK 400 (continued)			
ROK 400 CUBEX #24 PIN WITH SPLINES 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND 340A EPIROC COP 44	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-008	50046
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 2-3/8" API REG PIN 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-021	50140
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 2-3/8" API REG BOX 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-025	50143
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 2-3/8" API IF PIN 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-024	50142
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 2-7/8" API REG PIN 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-022	50141
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 2-7/8" API REG BOX 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-027	50144
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 400 CUBEX #24 PIN WITH SPLINES 	BIT SHANK STYLE	PART NUMBER	
	EPIROC TD40	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK400-028	50145
	110 mm - 125 mm 4.3" - 4.9"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

DOWN-THE-HOLE (DTH) HAMMERS




ROK 550A			
ROK 550A 2-3/8" API REG PIN Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-003	50450
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 2-3/8" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-004	50451
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 2-3/8" API REG PIN Lower Air Consumption Slim Line Diameter 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-009	50455
	133 mm - 146 mm 5.25" - 5.75"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 2-7/8" API REG PIN Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-005	50452
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 2-7/8" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-006	50453
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 3-1/2" API REG PIN Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-001	50257
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 550A 3-1/2" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL5/QL50	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK550A-002	50258
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


DOWN-THE-HOLE (DTH) HAMMERS




ROK 550A (continued)


ROK 550A 3-1/2" API REG PIN Lower Air Consumption Slim Line Diameter 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL5/QL50		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK550A-007	50454
	133 mm - 146 mm 5.25" - 5.75"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			


ROK 550T (TUBELESS)


ROK 550T 3-1/2" API REG PIN Tubeless (Bit without Blow Tube) Lower Air Consumption  X TUBELESS X	BIT SHANK STYLE		PART NUMBER	
	QL5T (INGERSOLL-RAND QL5/QL50 WITHOUT BLOW TUBE)		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK550T-001	50253
	140 mm - 152 mm 5.5" - 6"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			

ROK 55A-350R

ROK 55A-350R 2-3/8" API REG PIN 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND 350R		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK55A-350R-002	50352
	140 mm - 152 mm 5.5" - 6"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			

ROK 55A-350R 2-3/8" API REG PIN Top Sub With Back Reaming Buttons 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND 350R		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK55A-350R-003	50353
	140 mm - 152 mm 5.5" - 6"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			




ROK 55A-350R 2-7/8" API REG PIN 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND 350R		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK55A-350R-005	50355
	140 mm - 152 mm 5.5" - 6"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			

ROK 55A-350R 2-7/8" API REG PIN Top Sub With Back Reaming Buttons 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND 350R		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK55A-350R-006	50356
	140 mm - 152 mm 5.5" - 6"			
	OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)			


DOWN-THE-HOLE (DTH) HAMMERS



ROK 55A-350R (continued)

ROK 55A-350R 3-1/2" API REG PIN	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 350R	USA
RECOMMENDED BIT DIAMETER		ROK55A-350R-001	50256
140 mm - 152 mm 5.5" - 6"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 55A-350R 3-1/2" API REG PIN Top Sub With Back Reaming Buttons	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND 350R	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK55A-350R-004	50354
	140 mm - 152 mm 5.5" - 6"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 55A-350R 3-1/2" API REG PIN Slim Line Diameter	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND 350R	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK55A-350R-007	50357
	133 mm - 146 mm 5.25" - 5.75"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 55T-350RT (TUBELESS)

ROK 55T-350RT 3-1/2" API REG PIN Tubeless (Bit without Blow Tube) Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
	 X TUBELESS X	350RT (INGERSOLL-RAND 350R WITHOUT BLOW TUBE)	USA
RECOMMENDED BIT DIAMETER		ROK55T-350RT-001	50252
140 mm - 152 mm 5.5" - 6"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		



ROK 600A

ROK 600A 2-7/8" API REG PIN Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK600A-005	50167
155 mm - 178 mm 6.1" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 600A 2-7/8" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL6/QL60	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK600A-002	50160
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		





DOWN-THE-HOLE (DTH) HAMMERS



ROK 600A (continued)

ROK 600A 3-1/2" API REG PIN Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK600A-001	50066
155 mm - 178 mm 6.1" - 7"			
OPERATING AIR PRESSURE			
	INGERSOLL-RAND QL6/QL60	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK600A-004	50163
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		



ROK 600T (TUBELESS)

ROK 600T 2-7/8" API REG PIN Tubeless (Bit without Blow Tube)	BIT SHANK STYLE	PART NUMBER	
	 <p>X TUBELESS X</p>	QL6T (INGERSOLL-RAND QL6/QL60 WITHOUT BLOW TUBE)	USA
RECOMMENDED BIT DIAMETER		ROK600T-002	50161
155 mm - 178 mm 6.1" - 7"			
OPERATING AIR PRESSURE			
 <p>X TUBELESS X</p>	QL6T (INGERSOLL-RAND QL6/QL60 WITHOUT BLOW TUBE)	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK600T-003	50162
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
 <p>X TUBELESS X</p>	QL6T (INGERSOLL-RAND QL6/QL60 WITHOUT BLOW TUBE)	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK600T-001	50068
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
 <p>X TUBELESS X</p>	QL6T (INGERSOLL-RAND QL6/QL60 WITHOUT BLOW TUBE)	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK600T-005	50166
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


DOWN-THE-HOLE (DTH) HAMMERS






ROK 60-360

ROK 60-360 2-7/8" API REG PIN	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 360	USA
RECOMMENDED BIT DIAMETER		ROK60-360-002	50168
155 mm - 178 mm 6.1" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 60-360 3-1/2" API REG PIN	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND 360	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK60-360-001	50065
	155 mm - 178 mm 6.1" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 60T-360T (TUBELESS)

ROK 60T-360T 3-1/2" API REG PIN Tubeless (Bit without Blow Tube) Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
	 X TUBELESS X	360T (INGERSOLL-RAND 360 WITHOUT BLOW TUBE)	USA
RECOMMENDED BIT DIAMETER		ROK60T-360T-001	50164
155 mm - 178 mm 6.1" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 650A

ROK 650A 2-7/8" API REG PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK650A-008	50079
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 650A 3-1/2" API REG PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL6/QL60	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK650A-001	50075
	165 mm - 178 mm 6.5" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		
ROK 650A 3-1/2" API BECO PIN Heavy Duty Diameter Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND QL6/QL60	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK650A-009	50171
	165 mm - 178 mm 6.5" - 7"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


DOWN-THE-HOLE (DTH) HAMMERS





ROK 650A (continued)

ROK 650A CUBEX #28 PIN WITH SPLINES Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK650A-007	50078
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 650M

ROK 650M 2-7/8" API REG PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption In-Hole Bit/Driver Sub Disassembly	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK650M-003	50177
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 650M 3-1/2" API REG PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption In-Hole Bit/Driver Sub Disassembly	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK650M-001	50173
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 650M 3-1/2" API IF PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter Lower Air Consumption In-Hole Bit/Driver Sub Disassembly	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND QL6/QL60	USA
RECOMMENDED BIT DIAMETER		ROK650M-002	50174
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

ROK 650T

ROK 650T 3-1/2" API REG PIN Tubeless (Bit without Blow Tube) Top Sub With Back Reaming Buttons Heavy Duty Diameter	BIT SHANK STYLE	PART NUMBER	
	 X TUBELESS X	QL6T (INGERSOLL-RAND QL6/QL60 WITHOUT BLOW TUBE)	USA
RECOMMENDED BIT DIAMETER		ROK650T-001	50172
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


ROK 65-360

ROK 65-360 3-1/2" API REG PIN Top Sub With Back Reaming Buttons Heavy Duty Diameter	BIT SHANK STYLE	PART NUMBER	
		INGERSOLL-RAND 360	USA
RECOMMENDED BIT DIAMETER		ROK65-360-001	50175
165 mm - 178 mm 6.5" - 7"			
OPERATING AIR PRESSURE			
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		


DOWN-THE-HOLE (DTH) HAMMERS




ROK 65T-360T


ROK 65T-360T 3-1/2" API REG PIN Tubeless (Bit without Blow Tube) Top Sub With Back Reaming Buttons Heavy Duty Diameter  X TUBELESS X	BIT SHANK STYLE		PART NUMBER	
	360T (INGERSOLL-RAND 360 WITHOUT BLOW TUBE)		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK65T-360T-001	50176
	165 mm - 178 mm 6.5" - 7"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				


ROK 800A


ROK 800A 4-1/2" API REG PIN Lower Air Consumption 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL8/QL80		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK800A-001	50081
	200 mm - 254 mm 7.9" - 10"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				

ROK 800A 4-1/2" BECO PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL8/QL80		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK800A-002	50082
	200 mm - 254 mm 7.9" - 10"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				

ROK 875A

ROK 875A 4-1/2" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL8/QL80		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK875A-001	50094
	215 mm - 254 mm 8.5" - 10"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				


ROK 875A 4-1/2" BECO PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL8/QL80		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK875A-002	50096
	215 mm - 254 mm 8.5" - 10"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				

ROK 875A 5-1/4" BECO PIN Lower Air Consumption 	BIT SHANK STYLE		PART NUMBER	
	INGERSOLL-RAND QL8/QL80		USA	AUSTRIA
	RECOMMENDED BIT DIAMETER		ROK875A-003	50097
	215 mm - 254 mm 8.5" - 10"			
	OPERATING AIR PRESSURE			
10.4 - 24.1 (BAR) 150 - 350 (PSI)				


DOWN-THE-HOLE (DTH) HAMMERS



ROK 87A-380

ROK 87A-380 4-1/2" API REG PIN Top Sub With Back Reaming Buttons Lower Air Consumption 	BIT SHANK STYLE	PART NUMBER	
	INGERSOLL-RAND 380	USA	AUSTRIA
	RECOMMENDED BIT DIAMETER	ROK87A-380-001	50086
	215 mm - 254 mm 8.5" - 10"		
	OPERATING AIR PRESSURE		
	10.4 - 24.1 (BAR) 150 - 350 (PSI)		

DTH HAMMER ROCK DRILL OIL

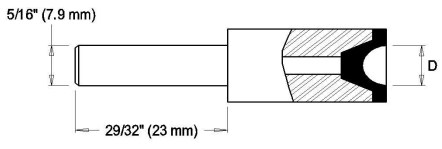
	TYPE	PART NUMBER	
	Hammer Oil	USA	AUSTRIA
	DESCRIPTION	HAMMER-GUARD-5-GAL	46460
	40 Lbs (5 Gal.)		

GRINDING ACCESSORIES



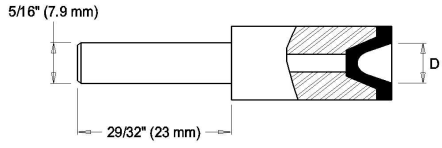
GRINDING PINS - COMBINATION

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:

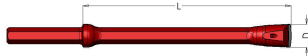
Combination grinding pins are for grinding the carbide buttons and the steel body in one action

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

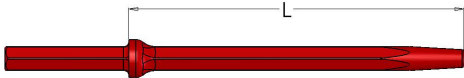
TAPERED - HF Hardened



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
	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
	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

DRILL RODS

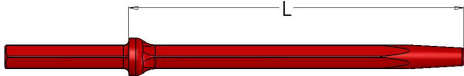
TAPERED - Carburized



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
	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
	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

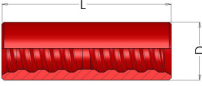
TAPER BIT KNOCK OFF TOOL

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

COUPLINGS AND ADAPTERS THREAD / COUPLING GREASE




COUPLINGS

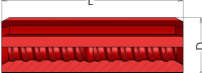
	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
			R22	140	5-1/2	30	1-3/16
	R25	150	5-29/32	33	1-5/16	CR25-33-4135 *	13330
	R25	150	5-29/32	35	1-3/8	CR25-36-203	13332
	R28	150	5-29/32	39	1-17/32	CR28-40-204	41661
	R32	150	5-29/32	42	1-21/32	CR32-42-3798 *	13309
	R32	150	5-29/32	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

* SLIM DESIGN

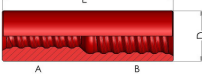
COUPLINGS - Full Bridge

	THREAD	LENGTH (L)		DIAMETER (D)		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
			R25	200	7-7/8	35	1-3/8
	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

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
	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

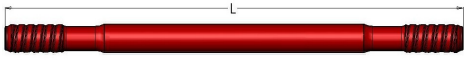
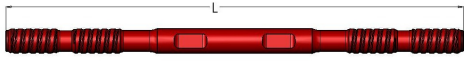
	TYPE	DESCRIPTION	PART NUMBER	
			USA	AUSTRIA
	Thread Guard	1 Gallon	THREAD-GUARD-1-GAL	11564
	Thread Guard	5 Gallon	THREAD-GUARD-5-GAL-NP	11568
	Thread Guard	5 Gal., Pumpable	THREAD-GUARD-5-GAL-PUMP	11565



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
	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
	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
	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
	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
	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

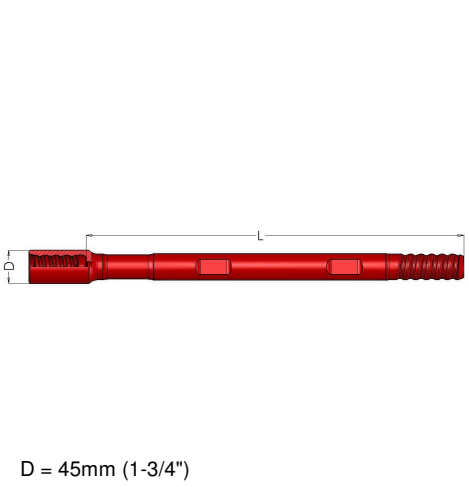
T51 - T51 - Rd 52 2" TRAPEZOIDAL THREAD (51mm) Carburized				
SINGLE THREAD	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
				
	3050	10'	T51R-3050-C	47140
	3660	12'	T51R-3660-C	47141
	4875	16'	T51R-4875-C	47387
	5490	18'	T51R-5490-C	47375

DRILL RODS

ROUND EXTENSION - MALE / FEMALE

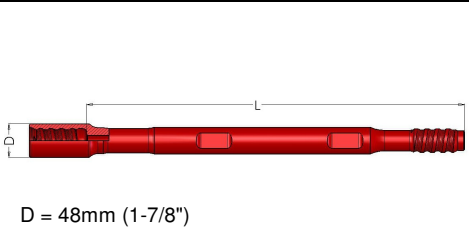


MF-Rod R32 - R32 - Rd 32 1-1/4" ROPE THREAD (32mm)

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
		915	3'	R3232MF-915
	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

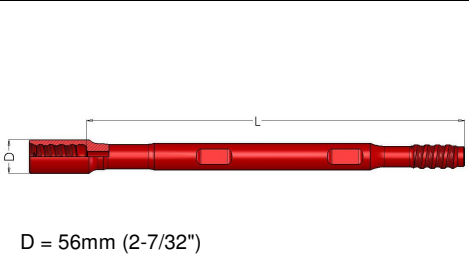
D = 45mm (1-3/4")

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

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
		1220	4'	T3538MF-1220
	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

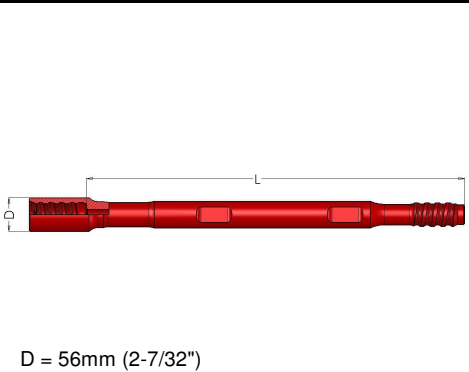
D = 48mm (1-7/8")

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

	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
		1220	4'	R3838MF-1220
	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
	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
	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
D = 64mm (2-1/2")	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
	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
	4270	14'	XT5151MF-4270	43908
	5490	18'	XT5151MF-5490	43911
D = 72mm (2-13/16")	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
	4270	14'	ST5860MF-4270	43922
	5490	18'	ST5860MF-5490	43962
D = 81mm (3-3/16")	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	

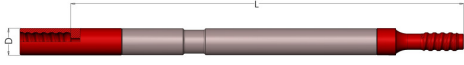
MF-Rod T-WiZ60 - T-WiZ60 - Rd 60		2-1/4" TRAPEZOIDAL THREAD (60mm)		3-3/8" FEMALE O.D. (85MM)	
 D = 85mm (3-3/8")	LENGTH (L)		PART NUMBER		
	mm	FT	USA	AUSTRIA	
	3630	11' 11"	TWIZ6060MF85-3630	43771	
	4240	13' 11"	TWIZ6060MF85-4240	43772	
	5470	17' 11"	TWIZ6060MF85-5470	43777	
6065	19' 11"	TWIZ6060MF85-6065	43773		

DRILL RODS

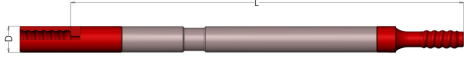
STARTER GUIDE TUBE - MALE / FEMALE



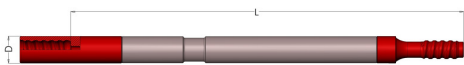
MF-Tube T38 - T38 - Rd 56 1-1/2" TRAPEZOIDAL THREAD (38mm) X 2-7/32" ROUND (56mm)

 D = 56mm (2-7/32")	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)

 D = 64mm (2-1/2")	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)

 D = 64mm (2-1/2")	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)

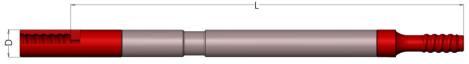
 D = 76mm (3")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T45SGT-76-1220	47650
1525	5'	T45SGT-76-1525	47651	
1830	6'	T45SGT-76-1830	47652	
2440	8'	T45SGT-76-2440	47653	
3050	10'	T45SGT-76-3050	47654	
3660	12'	T45SGT-76-3660	47655	

DRILL RODS

STARTER GUIDE TUBE - MALE / FEMALE

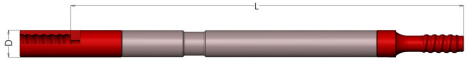


MF-Tube T51 - T51 - Rd 76 2" TRAPEZOIDAL THREAD (51mm) X 3" ROUND (76mm)

	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)

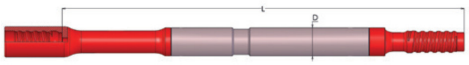
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	1220	4'	T51SGT-87-1220	47700
1525	5'	T51SGT-87-1525	47701	
1830	6'	T51SGT-87-1830	47702	
2440	8'	T51SGT-87-2440	47703	
3050	10'	T51SGT-87-3050	47704	
3760	12' 4"	T51SGT-87-3760	47705	
4270	14'	T51SGT-87-4270	47706	

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

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

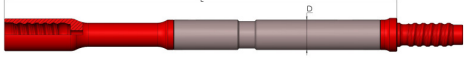
ROCKMORE Vector Rod System



	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")

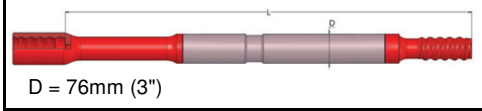
MF-Tube GT60 - GT60 - Rd 76 2-1/4" TRAPEZOIDAL THREAD (60mm) X 3" ROUND (76mm)

	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



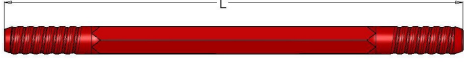
 <p>D = 76mm (3")</p>	MF-Tube T-WiZ60 - T-WiZ60 - Rd 76 2-1/4" TRAPEZOIDAL THREAD (60mm) X 3" ROUND (76mm)			
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4270	14'	TWIZ60SGT-76-4270	47604

DRILL RODS

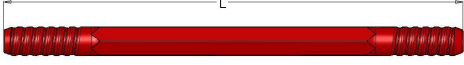
HEX EXTENSION - MALE / MALE




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	

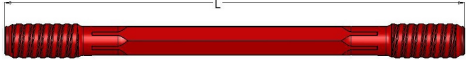
R32 - R32 - HEX 32 1-1/4" ROPE THREAD (32mm) X 1-1/4" HEX (32mm)

	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)

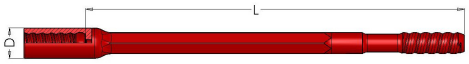
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	3050	10'	T4538H-3050	11182
3660	12'	T4538H-3660	11183	
4265	14'	T4538H-4270	11184	

DRILL RODS


HEX EXTENSION - MALE / FEMALE



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

 D = 36mm (1-13/32")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	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)


 D = 39mm (1-17/32")	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	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
	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
	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
	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
	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)

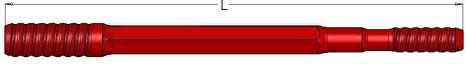
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
		2475	8' 1-1/2"	R28R3828H-2475
	3090	10' 1-1/2"	R28R3828H-3090	47176
	3700	12' 1-1/2"	R28R3828H-3700	41637
	4305	14' 1-1/2"	R28R3828H-4305	41633

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	

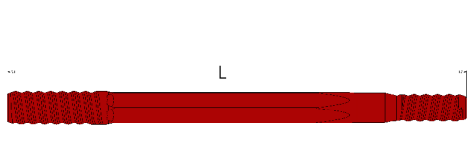
DRILL RODS

DRIFTING AND TUNNELING - Hex

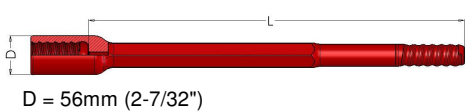


XR32 - R38 - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

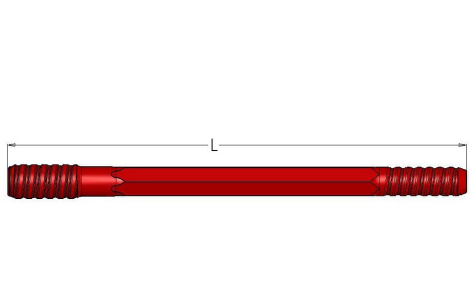
ROCKMORE XR32 THREAD SYSTEM

	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	

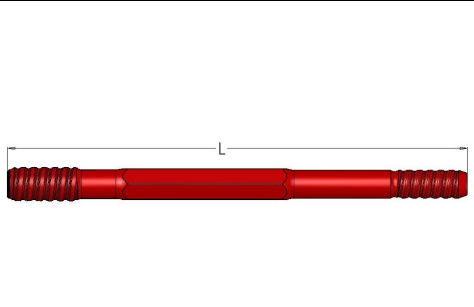
MF-Rod R32M - R38F - HEX 35 1-1/4" ROPE THREAD (32mm) X 1-1/2" FEMALE ROPE THREAD (38mm) X 1-3/8" HEX (35mm)

 D = 56mm (2-7/32")	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)

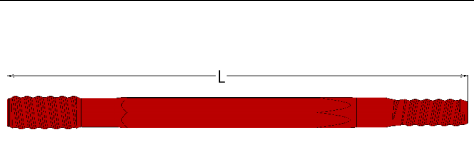
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	2475	8' 1-1/2"	R32T3832H-2475	43765
2600	8' 6"	R32T3832H-2600	47319	
3090	10' 1-1/2"	R32T3832H-3090	11383	
3400	11' 2"	R32T3832H-3400	43871	
3700	12' 1-1/2"	R32T3832H-3700	11384	
4005	13' 1-1/2"	R32T3832H-4005	47306	
4305	14' 1-1/2"	R32T3832H-4305	11386	
4915	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
	D = 56mm (2-7/32")			
	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
	D = 56mm (2-7/32")			
	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

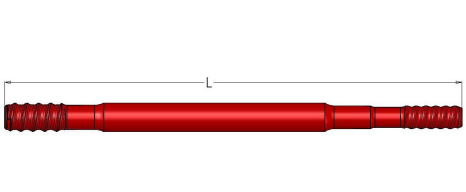
DRIFTING AND TUNNELING - Round



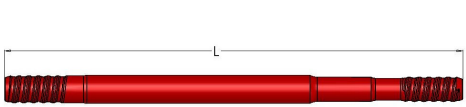
R32 - R38 - RD 39 1-1/4" ROPE THREAD (32mm) X 1-1/2" ROPE THREAD (38mm) X 1-1/2" ROUND (39mm)

	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	

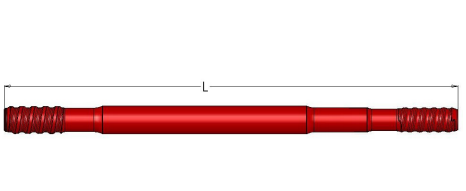
R32 - T38 - RD 39 1-1/4" ROPE THREAD (32mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/2" ROUND (39mm)

	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)

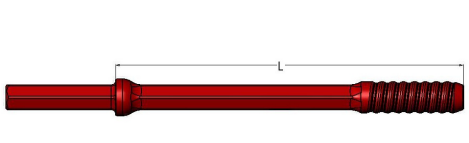
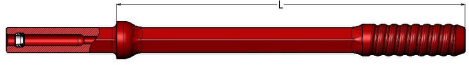
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4305	14' 1-1/2"	R35R3839R-4305	43919
4915	16' 1-1/2"	R35R3839R-4915	43681	
5525	18' 1-1/2"	R35R3839R-5525	43682	

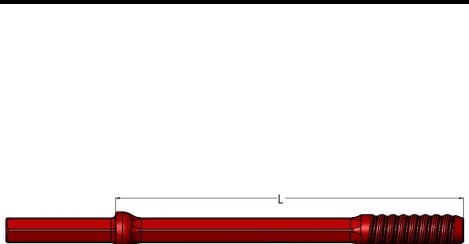
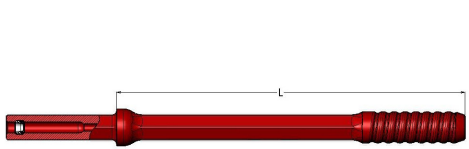
R35 - T38 - RD 39 1-3/8" ROPE THREAD (35mm) X 1-1/2" TRAPEZOIDAL THREAD (38mm) X 1-1/2" ROUND (39mm)

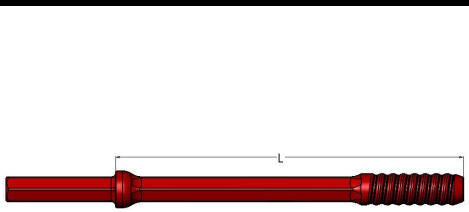
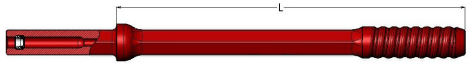
	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	4305	14' 1-1/2"	R35T3839R-4305	43763
4915	16' 1-1/2"	R35T3839R-4915	43920	
5525	18' 1-1/2"	R35T3839R-5525	43761	
6140	20' 1-1/2"	R35T3839R-6140	43737	
6400	21'	R35T3839R-6400	43785	


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	
1800	5' 11"	22H-R22-1800	47114	
 WITH SEAL	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	
3660	12'	22H-R25-3660	47232	
4265	14'	22H-R25-4270	14953	
 WITH SEAL	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
3660	12'	25HX4-R25-3660	43880	
 WITH SEAL	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)				
 WITH SEAL	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	
<p>WITH SEAL</p>	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)

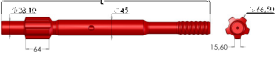
<p>WITH SEAL</p>	LENGTH (L)		PART NUMBER	
	mm	FT	USA	AUSTRIA
	255	10"	25H-R32-255-S	47026

SHANK ADAPTERS

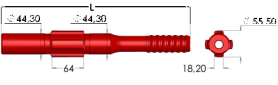


BOART

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

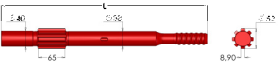
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	495	19.49	45	1.75	R3280SF-001
R38	495	19.49	45	1.75	R3880SF-001	41796	
T38	495	19.49	45	1.75	T3880SF-001	41803	

BOART - SECAN 6 36 IR (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
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	

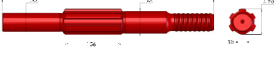
BOHLER

BOHLER - HS 448

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	500	19.69	38	1.50	R32171SF-001
R38	500	19.69	38	1.50	R38171SF-001	47872	
T38	500	19.69	38	1.50	T38171SF-001	47873	

CASAGRANDE

CASAGRANDE - C6

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		A55 RE	590	23.23	65	2.56	A5517600-001
R55 LI	590	23.23	65	2.56	R5517600-002	47993	
A64 RE	590	23.23	65	2.56	A6417600-001	47823	
R64 LI	590	23.23	65	2.56	R6417600-002	47822	
C64 RE	590	23.23	65	2.56	C6417600-001	47992	
C64 LI	590	23.23	65	2.56	C6417600-002	47991	

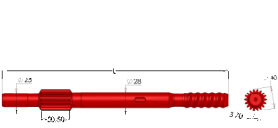
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS

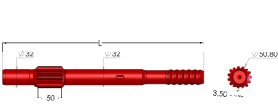



DOOFOR

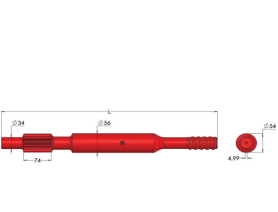
DOOFOR - DF 415, 425, 430S

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

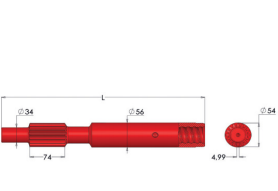
DOOFOR - DF 528, 530L, 530S, 538L, 538S

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

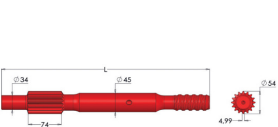
DOOFOR - DF 540L

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	580	22.83	56	2.20	R32186SF-002
R38	580	22.83	56	2.20	R38186SF-002	48198	
T38	580	22.83	56	2.20	T38186SF-002	48193	
T140	580	22.83	56	2.20	T140186SF-002	48199	
R51	580	22.83	56	2.20	R51186SF-002	48194	

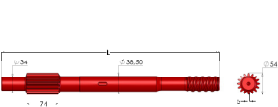
DOOFOR - DF 540L (FEMALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	430	16.93	56	2.20	R32186SF-003
R38	430	16.93	56	2.20	R38186SF-003	48191	
T38	430	16.93	56	2.20	T38186SF-003	48202	
T140	430	16.93	56	2.20	T140186SF-003	48200	

DOOFOR - DF 540L, 550, 560L BLT

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

DOOFOR - DF 545, 550

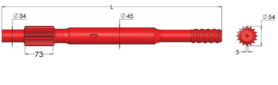
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	515	20.28	39	1.52	T38178SF-001

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

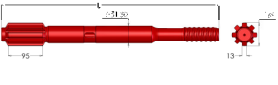
SHANK ADAPTERS




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

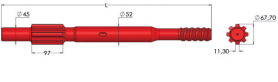
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	R32	600	23.62	52	2.04	R3258SF-002	48180
T35	600	23.62	52	2.04	T3558SF-002	48159	
T38	600	23.62	52	2.04	T3858SF-002	48956	
T45	600	23.62	52	2.04	T4558SF-002	48899	
XT45 *	600	23.62	52	2.04	XT4558SF-002	48075	
T51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

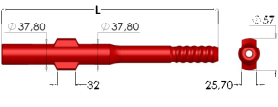
SHANK ADAPTERS



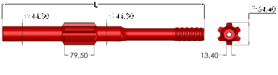
EPIROC - BBC 42, 43, 44, 45, 100

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

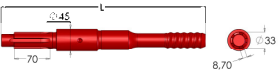
EPIROC - BBC 51, 52, 54, 120

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	380	14.96	38	1.49	R323110-001
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

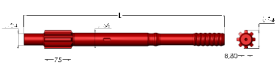
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	537	21.14	44	1.74	T383214-001
T45	550	21.65	44	1.74	T453214-002	11335	

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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
R38	340	13.39	55	2.17	R3842SF-002	48898	

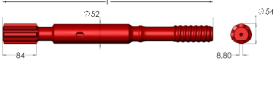
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

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)

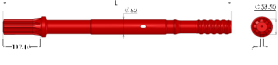
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	525	20.67	52	2.05	R3237SF-002
	T35	525	20.67	52	2.05	T3537SF-002	41951
	T38	525	20.67	52	2.05	T3837SF-002	48846
	T45	525	20.67	52	2.05	T4537SF-002	47916
	T51	525	20.67	52	2.05	T5137SF-002	47917

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

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	640	25.20	52	2.05	R3237SF-006
	R38	650	25.59	52	2.05	R3837SF-007	41917

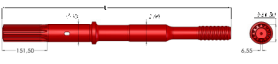
EPIROC - COP 1838 MUX/HUX

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	730	28.74	52	2.05	T38147SF-001
	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
	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
	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
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
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
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
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
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
GT60	840	33.07	60	2.36	GT60112SF-001	48174	
T-WiZ60	840	33.07	60	2.36	TWIZ60112SF-001	48142	

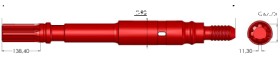
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

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

SHANK ADAPTERS

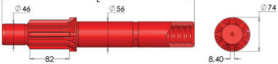


EPIROC - COP 4050 MUX

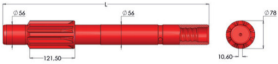
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		ST58	835	32.87	90	3.54	ST58145SF-001
ST68	835	32.87	90	3.54	ST68145SF-001	48018	

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
R38	430	16.93	56	2.20	R38326SF-002	48120	
TI30	380	14.96	56	2.20	TI30326SF-003	41733	
TI40	400	15.75	56	2.20	TI40326SF-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
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
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

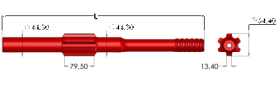
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	484	19.06	44	1.73	T3812614-002
T45	484	19.06	44	1.73	T4512614-002	41834	

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

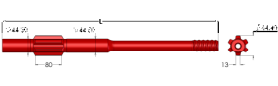
SHANK ADAPTERS



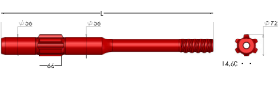
FURUKAWA - HD 260

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

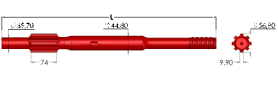
FURUKAWA - HD 300

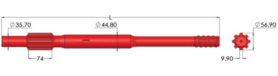
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R38	655	25.79	45	1.75	R388616-001
T38	655	25.79	45	1.75	T388616-001	41827	
T45	655	25.79	45	1.75	T458616-001	41828	

FURUKAWA - HD 500

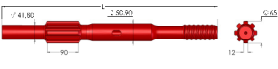
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	635	25.00	56	2.20	T388716-002
T45	635	25.00	56	2.20	T458716-002	41905	
T51	635	25.00	56	2.20	T518716-002	48974	

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
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
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
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
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
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
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

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

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
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
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
T51	915	36.02	51	2.00	T5124SF-001	47924	

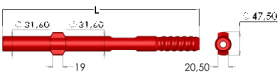
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

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

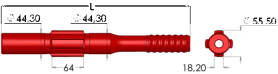
SHANK ADAPTERS



GARDNER DENVER - 93

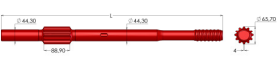
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		mm	In.	mm	In.	USA	AUSTRIA
		R25	380	14.96	32	1.24	R254410-001
R32	380	14.96	32	1.24	R324410-001	13397	

GARDNER DENVER - PR 123 (4 SPLINES)

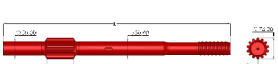
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	380	14.96	44	1.74	R322014-001
R38	380	14.96	44	1.74	R382014-001	11337	
T38	380	14.96	44	1.74	T382014-001	41761	
T45	380	14.96	44	1.74	T452014-001	41759	
R32	446	17.56	44	1.74	R322014-002	11341	
R38	446	17.56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

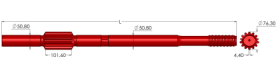
GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 4519

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

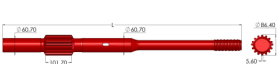
GARDNER DENVER-REEDRILL-CATERPILLAR - HPR 5123

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T45	770	30.31	51	2.00	T45300SF-001
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
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
ST58	1041	40.98	61	2.39	ST58302SF-001	41901	
GT60	1041	40.98	61	2.39	GT60302SF-001	48072	

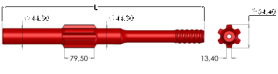
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS

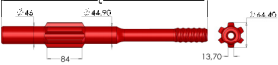


INGERSOLL RAND

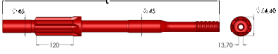
INGERSOLL RAND - YH 60

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	537	21.14	44	1.74	T383214-001
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
T45	495	19.49	45	1.75	T451419-001	47954	

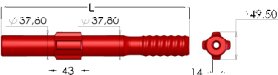
INGERSOLL RAND - YH 65 RP, 70 RP, 80 RP (REVERSE PERCUSSIVE)

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

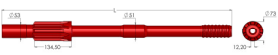
INGERSOLL RAND - YH 80 A

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

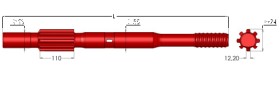
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T45	840	33.07	51	2.00	T451723-001
T51	840	33.07	51	2.00	T511723-001	47956	

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

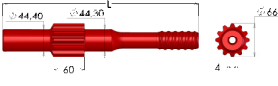
SHANK ADAPTERS



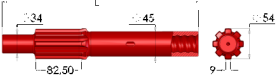
INGERSOLL RAND - YH 110 V, 135

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

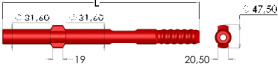
INGERSOLL RAND - EVL 130, VL 140 (12 SPLINES)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	349	13.74	44	1.74	T381814-001
	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

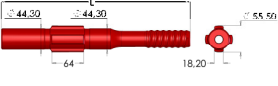
INGERSOLL RAND - HYDRASTAR 200 (FEMALE-SIDE FLUSH)

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

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
	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
	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

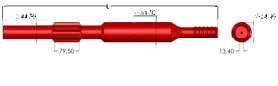
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



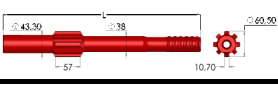
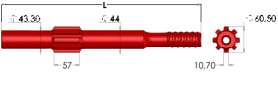
JOHN HENRY

JOHN HENRY - HB 101, 102 (MALE)

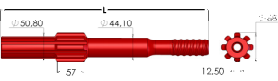
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	690	27.17	65	2.54	T38150SF-003	41754
T45	690	27.17	65	2.54	T45150SF-003	41755	
T51	711	27.99	65	2.54	T51150SF-005	41756	

JOY

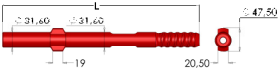
JOY - VCR 260, 360

	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

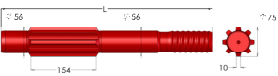
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
	T38	440	17.32	44	1.74	T387219-001	48918
T45	440	17.32	44	1.74	T457219-001	47930	

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

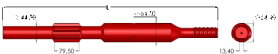
KRUPP - HB 5A (FLEXI SHAFT)

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

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

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
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	
	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)

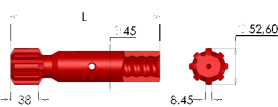
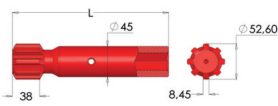
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	340	13.39	45	1.75	R32183SF-001
R38	350	13.78	45	1.75	R38183SF-002	41964	
T38	350	13.78	45	1.75	T38183SF-002	48132	

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

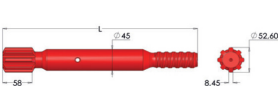
SHANK ADAPTERS



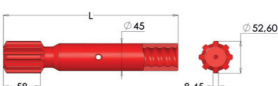
MONTABERT - HC 25 (FEMALE)

	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

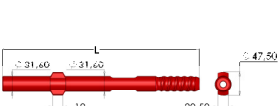
MONTABERT - HC 28 (MALE)

	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

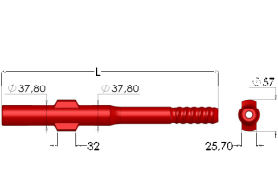
MONTABERT - HC 28 (FEMALE)

	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

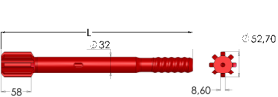
MONTABERT - TA 35, LC 50 (R)

	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



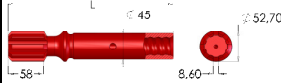
MONTABERT - HC 40, 50 (MALE)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	372	14.65	38	1.50	R3290SF-005
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



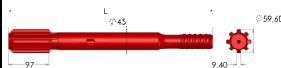
MONTABERT - HC 80, 90, 105, 108, 109, 120

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	440	17.32	38	1.50	R3291SF-001
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	



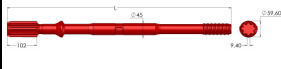
MONTABERT - HC 80, 108, 109, 120, 150

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	490	19.29	45	1.75	T3892SF-001
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
T45	670	26.38	45	1.75	T4593SF-001	41825	
T45	771	30.35	45	1.75	T4593SF-004	48953	

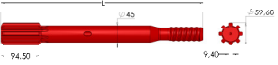


NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.


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
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	

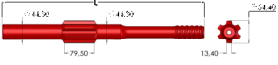
MONTABERT - HC 95 R, 95 LM

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	503	19.80	45	1.75	R32101SF-001
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	

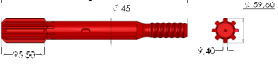
MONTABERT - HC 95 R, 95 LQ

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T45	518	20.39	51	2.00	T45101SF-002
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
T45	550	21.65	44	1.74	T453214-002	11335	

MONTABERT - HC 110 CA/CS

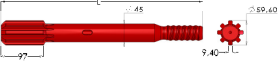
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R38	415	16.34	45	1.75	R38104SF-001
T38	415	16.34	45	1.75	T38104SF-001	41927	
T45	425	16.73	45	1.75	T45104SF-002	41928	
T38	530	20.87	45	1.75	T38104SF-003	41976	

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

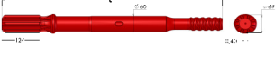
SHANK ADAPTERS




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
T38	460	18.11	45	1.75	T38103SF-001	41985	

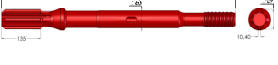
MONTABERT - HC 112 LH

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

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

SHANK ADAPTERS

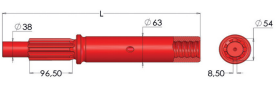


MORATH

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
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)

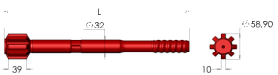
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	445	17.52	63	2.48	R32229SF-001
R38	445	17.52	63	2.48	R38229SF-001	41995	
Ti30	445	17.52	63	2.48	Ti30229SF-001	41998	
Ti40	445	17.52	63	2.48	Ti40229SF-001	41999	

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
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

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

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
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)

	THREAD	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

	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	

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

	THREAD	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)

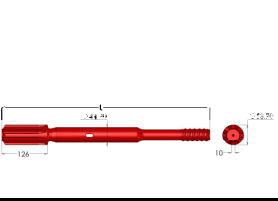
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER		
		mm	In.	mm	In.	USA	AUSTRIA	
	R32	500	19.69	45	1.75	R3260SF-001	48959	
	R38	500	19.69	45	1.75	R3860SF-001	48960	
	T38	500	19.69	45	1.75	T3860SF-001	48952	
	T45	500	19.69	45	1.75	T4560SF-001	48973	
	R38	575	22.64	45	1.75	R3860SF-004	48064	
	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		
	THREAD	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		

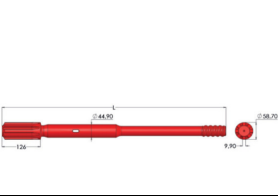
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS

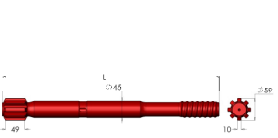


SANDVIK - HLX 5 PE-45 (8 SPLINES)

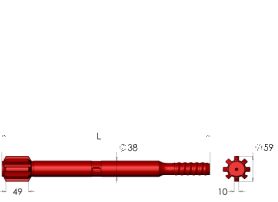
	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	575	22.64	45	1.75	R3261SF-001
T35	575	22.64	45	1.75	T3561SF-001	48082	
T38	575	22.64	45	1.75	T3861SF-001	41888	
T45	575	22.64	45	1.75	T4561SF-001	48158	

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	735	28.94	45	1.75	R3261SF-002
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	

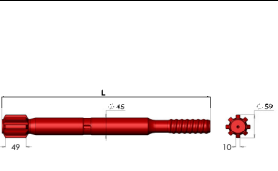
SANDVIK - HL 500-45, 510-45

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T38	550	21.65	45	1.75	T3852SF-003
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
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
R38	500	19.69	45	1.75	R3852SF-004	47977	
T38	500	19.69	45	1.75	T3852SF-004	47976	

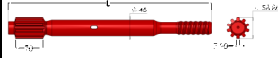
NOTE: OTHER CONFIGURATIONS MAY BE AVAILABLE, INCLUDING OTHER LENGTHS AND/OR DIAMETERS. VERIFY ALL DIMENSIONS BEFORE ORDERING.

SHANK ADAPTERS



SANDVIK - RD 520, 525 (10 SPLINES)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R38	525	20.67	45	1.75	R3866SF-001
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	



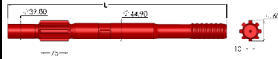
SANDVIK - RD 520 PE-45, 525 PE-45 (8 SPLINES)

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		R32	600	23.62	45	1.75	R3269SF-002
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	



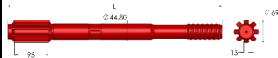
SANDVIK - HL 600-45, 600 S-45

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



SANDVIK - HL 650-45, 700-45, 700 T-45, 710-45, 800 T-45, 810 T-45

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



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

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
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
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
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
T51	600	23.62	52	2.05	T5175SF-001	48224	

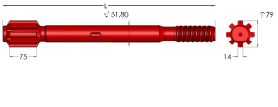
* XT45 & XT51 = ROCKMORE VECTOR ROD SYSTEM THREADS.

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


SHANK ADAPTERS




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
	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

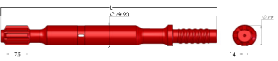
SANDVIK - HL 1000-60, 1010-60

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

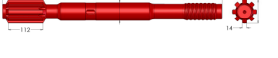
SANDVIK - HL 1000 PE-65, 1010 PE-65, 1060 T/PE-65, 1500 T/PE-65, 1560 T/PE-65 HF 1560, HF 1560 PE, RD 1635 CF

	THREAD	OVERALL LENGTH (L)		FRONT END DIAMETER		PART NUMBER	
		mm	In.	mm	In.	USA	AUSTRIA
		T51	760	29.92	65	2.56	T5162SF-001
	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

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
	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
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
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
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

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

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

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.
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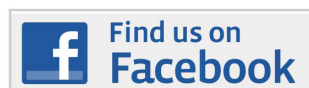
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