

SH//REATE

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**DIAMOND
DRILLING TOOLS**

Shareate Tools Ltd.



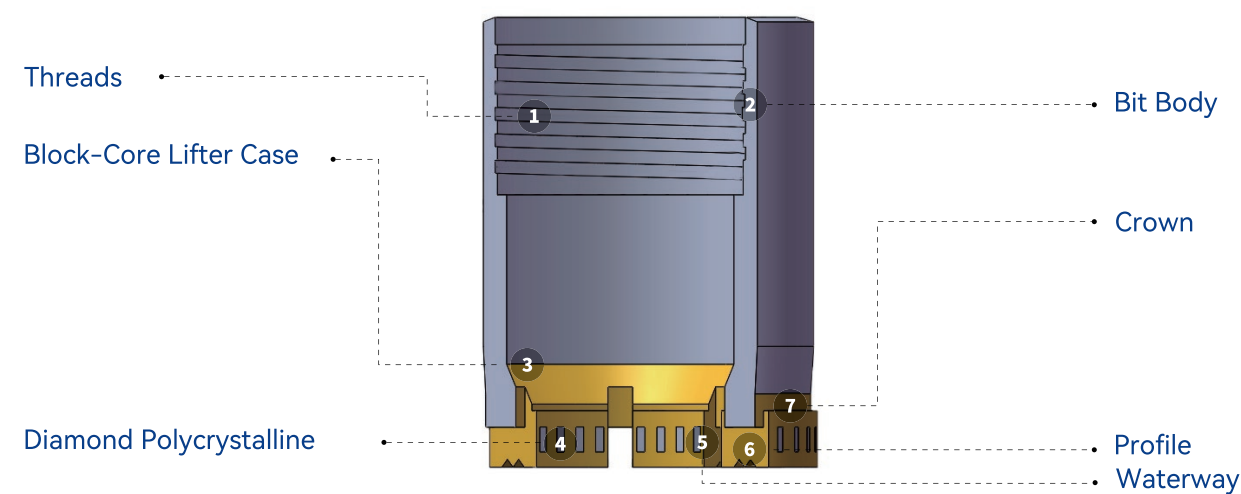
COMPANY OVERVIEW

Shareate Tools Ltd. (hereinafter referred to as "Shareate") is a national high-tech enterprise, focusing on six core businesses such as cemented carbide, mining drilling tools, cutting tools, petroleum instrumentation, engineering equipment, international trade and mining services, forming an operation model of upstream and downstream industrial chain penetration and industrial integration development. Shareate includes Australia AMS, the United States AMS, Canada Shareate, South Korea Shareate, Wuhan Shareate, and 24 other domestic and foreign molecular companies, with the domestic leading and largest drilling tools R&D, and manufacturing base, a thousand-ton cemented carbide R&D and manufacturing base. Shareate has a sound technology research and development system and independent intellectual property rights system, the comprehensive introduction of the intelligent management system and production equipment, many products leading the domestic market segments, widely used in the petroleum industry, mining, infrastructure, aerospace, automobile manufacturing, electronic information, machining, intelligent equipment, and other fields.

Over the years, Shareate has been granted 57 invention patents and 230 utility model patents. We are the leading supplier of rock drilling tools in Asia. Our rock drilling tools are widely used in mine quarry and construction sites worldwide. From the softest to the hardest rock conditions, Shareate's products are exported across 6 continents and distributed to over 60 countries. We are currently working with Rio Tinto, BHP Glencore, Barrick, FMG, Vale and Anglo American.

Shareate consistently supports the development of core technologies, works to establish a globally recognized brand of mining drilling tools and cemented carbide, and follows the path of internationalization modernization, and integration of manufacturing services. Shareate is prepared to collaborate with local and international users to build a better future!

DIAMOND BIT >>

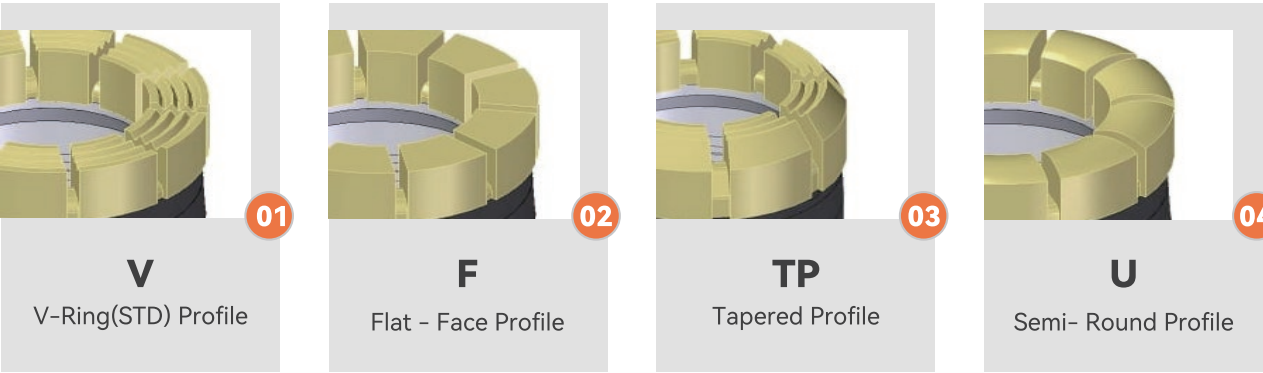


WATER WAY >>

TYPE	APPLICATION
STD (Channel Flushing)	STD Type: standard design, suitable for a wide range of formations
WD (Wedge)	WD Type: increased water flow; Improving cutting speed; Suitable for fractured rocks and high abrasive stratum
TB (Turbo)	TB Type: Suitable for high-speed cutting and drilling to improve the pressure on the working face, Suitable for hard formations
VP (Vortex Profile)	VP Type: Improves working efficiency by reducing the interaction time between the hole and the core, Suitable for soft to medium hard formations.

CROWN PROFILES >>

According to different formation and drilling conditions, different crown profiles are offered

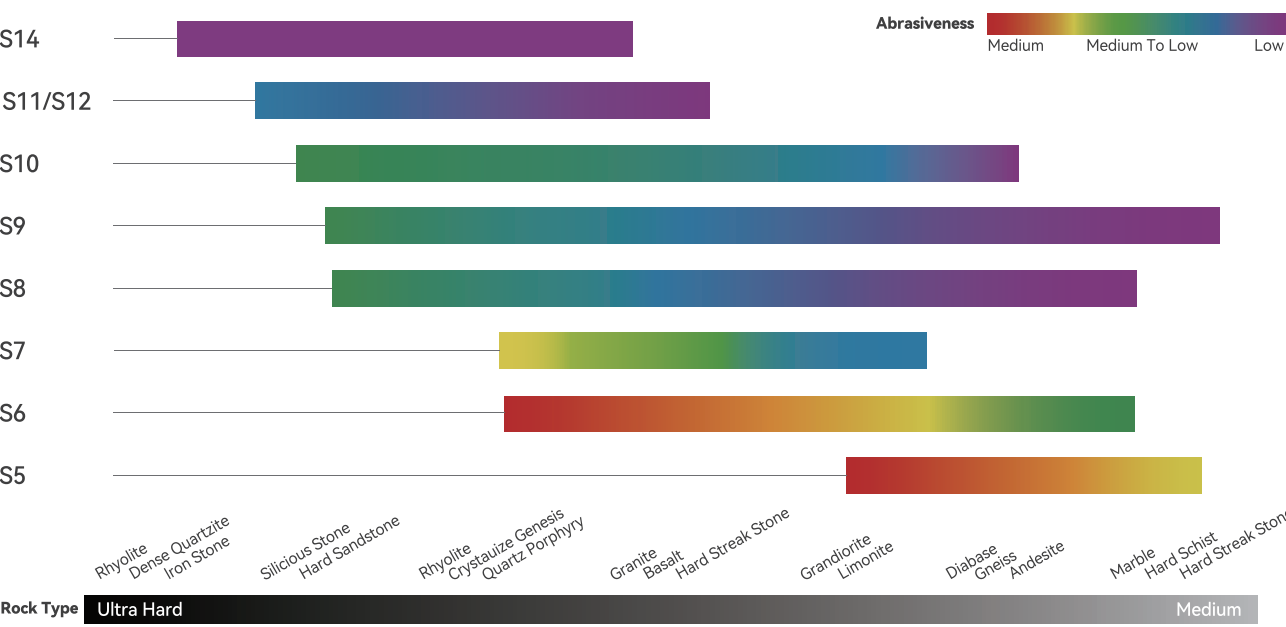


DIAMOND BIT ORDERING DETAILS >>

Sample: NWL-S10-H12-W10-TB-V

NWL	S10	H12	W10	TB	V
Bit Types:	Bit Matrix Number:	Crown Height:	Waterways Number:	waterways shape:	Crown Profiles:
BWL, NWL HWL, PWL	1-15	12mm(H12) 14mm(H14) 16mm(H16) 20mm(H20)	BQ(W7),STD NQ/HQ(W10),STD	STD, WD, TB, VP	V-Ring Profile (v)-STD Flat-Face Profile (F) Tapered Profile (TP) Semi-Round Profile (U)

BIT RANGE CHART >>



Item No.	Abrasiveness	Rock Hardness	Rock Type
S5	Medium	Medium	Marble, Hard Schist, Hard Streak Stone
S6/7	Medium	Medium Hard	Diabase, Andesite, Gneiss
S7/8	Medium	Medium Hard	Grandiorite, Limonite
S9	Medium To Low	Hard	Granite, Basalt, Hard Streak Stone
S10	Medium To Low	Hard	Rhyolite, Crystalline Genesis, Quartz Porphyry
S11/12	Medium To Low	Extreme Hard	Silicious Stone, Hard Sandstone
S14	Low	Ultra Hard	Rhyolite, Dense Quartzite, Iron Stone



BIT COMPARISON SHEET >>

SHAREATE	BLY	FORDIA
S14, S12	Series#10, Series#10/#9/9-F	DXP-2, Shark#9
S11, S10, S9	Series#9/#9-F, Series#8	Shark#9, Shark#7
S8, S7	Series#8/#7-F, Series#7	Shark#7, P-200/P-150
S6, S5	Series#7, Series#6	DXP-33, P-150
S4, S3	Series#6, Series#4/#2	DXP-33, P-155
S3, S2	Series#2, Series#1	P-155, P-160
S1, S1#	Series#2/#1	DXP-2, P-150

DRILL ROD >>

DRILL ROD SIZE AVAILABLE	
Wireline Series	A, B, N, H, P
Metric Series	33,42,50,60,75,89,114
"W" Design	RW, EW, AW, BW, NW, HW
"WJ" Design	AWJ, BWJ, NWJ, KWJ, HWJ
Others	BTW, NTW, HTW,LTK48