

## Karnasch™

PROFESSIONAL TOOLS

### HIGH-PERFORMANCE 82° & 90° HSS-XE STEEL + BLUE-TEC COUNTERSINKS SETS

Made of high-alloyed special steel "XE" for considerably longer service life than HSS. BLUE-TEC coating for a further substantial increase in service life also when machining dry (no/less cooling).

- High-alloyed chromium steel such as stainless steel (V2A/V4A).
- Acid resistant steel
- Steel
- Cast iron
- Non ferrous metals
- Ø 1/4" to 1"



3 Flutes



#### 82°

ITEM	CONTENT	LIST	PROMO
20.1697	Ø 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	\$518.58	<b>\$285</b>
20.1698	Ø 1/4", 3/8", 5/8", 3/4", 1"	\$492.26	<b>\$270</b>

#### 90°

ITME	CONTENT	LIST	PROMO
20.1643	Ø 6,3 · 8,3 · 10,4 · 12,4 · 16,5 · 20,5 mm	\$511.95	<b>\$285</b>
20.1644	Ø 6,3 · 10,4 · 16,5 · 20,5 · 25 mm	\$485.27	<b>\$270</b>



### SUPER BALL BEARING DRILL CHUCKS FOR HEAVY-DUTY DRILLING

#### APBB Models

- Equipped with ball bearings to reduce frictions in the tightening mechanism and provide a better grip on the drill shaft.
- All parts are tempered and ground for endurance and precision.

ITEM	CAPACITY	MOUNT STYLE	KEY	LIST	PROMO
APBB10J2	#60-3/8"	JT2	KS8 (11N)	\$156.45	<b>\$125</b>
APBB13J3	#60-1/2"	JT3	KS3 (14N)	\$176.50	<b>\$140</b>
APBB16J3	#1/8"-5/8"	JT3	KS3 (16N)	\$186.33	<b>\$155</b>
APBB20J4	3/16"-3/4"	JT4	KS4 (18N)	\$357.27	<b>\$285</b>



The prices in this leaflet do not include applicable taxes.