



Made in Spain

DRILL CHUCKS & POWER TOOL
ACCESSORIES MANUFACTURER
SINCE 1936

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)	\$147.72	\$120
APBB13J3	#60-1/2"	JT3	KS3 (14N)	\$183.24	\$145
APBB16J3	#1/8"-5/8"	JT3	KS3 (16N)	\$193.49	\$155
APBB20J4	3/16"-3/4"	JT4	KS4 (18N)	\$371.01	\$295



KEYLESS DRILL CHUCKS

HIGH PRECISION / HIGH TORQUE, MAX. RUN-OUT 0.04 MM / 0.00157"

ITEM	CAPACITY	MOUNT STYLE	LIST	PROMO
PPT10J2	1/64"-3/8" / 0,3-10 mm	JT2	\$283.75	\$225
PPT13J6	1/64"-1/2" / 0,3-13 mm	JT6	\$339.98	\$270
PPT16J6	1/64"-5/8" / 0,3-16 mm	JT6	\$472.72	\$370
PPT16J3	1/64"-5/8" / 0,3-16 mm	JT3	\$472.72	\$370



The prices in this leaflet do not include applicable taxes.

KarnaschTM

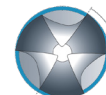
PROFESSIONAL TOOLS

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"	\$498.10	\$285
20.1698	Ø 1/4", 3/8", 5/8", 3/4", 1"	\$472.85	\$270

90°

ITME	CONTENT	LIST	PROMO
20.1643	Ø 6,3 · 8,3 · 10,4 · 12,4 · 16,5 · 20,5 mm	\$491.77	\$285
20.1644	Ø 6,3 · 10,4 · 16,5 · 20,5 · 25 mm	\$466.11	\$270

CARBIDE-TIPPED ANNULAR CUTTER, 3/4" UNIVERSAL SHANK, CUTTING DEPTH 1-9/16"

KarnaschTM PROFESSIONAL TOOLS

FRACTION Ø	ITEM	LIST	PROMO
	20.1630		
9/16"	100TCT03664	\$152.35	\$87
5/8"	100TCT04064	\$152.35	\$87
11/16"	100TCT04464	\$152.35	\$87
3/4"	100TCT04864	\$152.35	\$87
13/16"	100TCT05264	\$156.68	\$90
7/8"	100TCT05664	\$156.68	\$90
15/16"	100TCT06064	\$156.68	\$90
1"	100TCT06464	\$156.68	\$90
1-1/16"	100TCT06864	\$ 165.51	\$95

Universal
19 mm
3/4"



ITEM	LIST	PROMO
20.1478	\$1 026.35	\$550

100TCTKIT

- Ø 9/16", 5/8", 3/4", 13/16", 15/16", 1.1/16"
- 2 ejector pins



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