



**Toll Free Order Desk:**  
**1-800-263-1796**

Web Site: [www.advancedtooling.com](http://www.advancedtooling.com)  
E-Mail: [atsinfo@advancedtooling.com](mailto:atsinfo@advancedtooling.com)

**ADVANCED TOOLING  
SUPPLIES**

# PROMOTION

From September 1<sup>st</sup> to October 31<sup>st</sup>, 2024

## Porta

DRILL CHUCKS & POWER TOOL  
ACCESSORIES MANUFACTURER  
SINCE 1936

Made in Italy

### BALL-BEARING DRILL CHUCK WITH KEY FOR PRODUCTION DRILLING EQUIPMENT APBB MODELS

- Equipped with ball bearings to reduce friction in the tightening mechanism providing superior holding power of the drill shaft.
- All parts are tempered and ground for endurance and accuracy.



ITEM	CAPACITY	MOUNT STYLE	KEY	LIST	PROMO
APBB10J2	#60-3/8"	JT2	KS8 (11N)	\$147.72	<b>\$116.07</b>
APBB13J3	#60-1/2"	JT3	KS3 (14N)	\$183.24	<b>\$143.97</b>
APBB16J3	#1/8"-5/8"	JT3	KS3 (16N)	\$193.49	<b>\$152.03</b>
APBB20J4	3/16" - 3/4"	JT4	KS4 (18N)	\$371.01	<b>\$291.51</b>

## Karnasch™

PROFESSIONAL TOOLS

### 82° and 90° HIGH-PERFORMANCE COUNTERSINKS - 3-FLAT SHANK



82°

20.1695

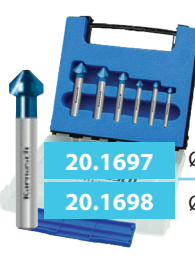
Ø 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

LIST	PROMO
\$276.56	<b>\$175.16</b>

20.1696

Ø 1/4", 3/8", 5/8", 3/4", 1"

LIST	PROMO
\$276.56	<b>\$175.16</b>



82°

20.1697

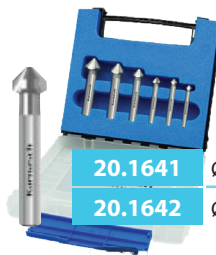
Ø 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

LIST	PROMO
\$435.11	<b>\$275.57</b>

20.1698

Ø 1/4", 3/8", 5/8", 3/4", 1"

LIST	PROMO
\$416.68	<b>\$263.90</b>



90°

20.1641

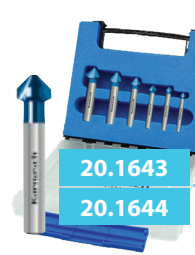
Ø 6,3 · 8,3 · 10,4 · 12,4 · 16,5 · 20,5 mm

LIST	PROMO
\$289.09	<b>\$183.09</b>

20.1642

Ø 6,3 · 10,4 · 16,5 · 20,5 · 25 mm

LIST	PROMO
\$289.09	<b>\$183.09</b>



90°

20.1643

Ø 6,3 · 8,3 · 10,4 · 12,4 · 16,5 · 20,5 mm

LIST	PROMO
\$431.43	<b>\$273.24</b>

20.1644

Ø 6,3 · 10,4 · 16,5 · 20,5 · 25 mm

LIST	PROMO
\$409.30	<b>\$259.22</b>

Cannot be combined with any other promotion. The prices indicated in this leaflet do not include applicable taxes.



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IMPORTED BY:  
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**Karnasch**<sup>TM</sup>  
PROFESSIONAL TOOLS



## 82° and 90° HIGH-PERFORMANCE COUNTERSINKS - 3-FLAT SHANK



d1 Ø	d3 Ø	L1 Length	d2 Shank	Art. HSS-XE	LIST	PROMO	Art. HSS-XE + BLUE-TEC	LIST	PROMO
1/4"	0,059"	1.49/64"	3/16"	20.1780.010	\$31.71	<b>\$20.08</b>	20.1785.010	\$56.78	<b>\$35.96</b>
5/16"	0,078"	1.31/32"	1/4"	20.1780.020	\$33.56	<b>\$21.26</b>	20.1785.020	\$58.44	<b>\$37.01</b>
3/8"	0,087"	1.31/32"	1/4"	20.1780.030	\$35.03	<b>\$22.19</b>	20.1785.030	\$60.10	<b>\$38.06</b>
1/2"	0,11"	2.13/64"	5/16"	20.1780.040	\$41.66	<b>\$26.39</b>	20.1785.040	\$69.50	<b>\$44.02</b>
5/8"	0,126"	2.23/64"	3/8"	20.1780.050	\$52.91	<b>\$33.51</b>	20.1785.050	\$80.75	<b>\$51.14</b>
3/4"	0,138"	2.31/64"	3/8"	20.1780.060	\$60.29	<b>\$38.18</b>	20.1785.060	\$88.13	<b>\$55.82</b>
7/8"	0,15"	2.41/64"	3/8"	20.1780.070	\$75.96	<b>\$48.11</b>	20.1785.070	\$103.80	<b>\$65.74</b>
1"	0,15"	2.41/64"	3/8"	20.1780.080	\$75.96	<b>\$48.11</b>	20.1785.080	\$106.93	<b>\$67.72</b>
1.1/4"	0,165"	2.51864"	15/32"	20.1780.090	\$107.69	<b>\$62.20</b>	20.1785.090	\$139.40	<b>\$88.29</b>
1.1/2"	0,315"	3.5/32"	15/32"	20.1780.100	\$159.87	<b>\$101.25</b>	20.1785.100	\$240.89	<b>\$152.56</b>



d1 Ø mm	d3 Ø mm	L1 mm Length	d2 mm Shank	Art. HSS-XE	LIST	PROMO	Art. HSS-XE + BLUE-TEC	LIST	PROMO
6,3	1,5	45,0	5,0	20.1740.050	\$34.59	<b>\$21.91</b>	20.1745.050	\$55.87	<b>\$35.39</b>
8,3	2,0	50,0	6,0	20.1740.090	\$36.39	<b>\$23.05</b>	20.1745.090	\$57.53	<b>\$36.44</b>
10,4	2,5	50,0	6,0	20.1740.120	\$40.52	<b>\$25.66</b>	20.1745.120	\$61.21	<b>\$38.77</b>
12,4	2,8	56,0	8,0	20.1740.140	\$45.17	<b>\$28.61</b>	20.1745.140	\$68.22	<b>\$43.21</b>
16,5	3,2	60,0	10,0	20.1740.170	\$57.56	<b>\$36.46</b>	20.1745.170	\$79.09	<b>\$50.09</b>
20,5	3,5	63,0	10,0	20.1740.190	\$65.56	<b>\$41.52</b>	20.1745.190	\$86.28	<b>\$54.64</b>
25,0	3,8	67,0	10,0	20.1740.210	\$82.60	<b>\$52.31</b>	20.1745.210	\$104.53	<b>\$66.20</b>

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