

KarnaschTM

PROFESSIONAL TOOLS

HIGH-PERFORMANCE COUNTERSINKS, HSS-XE STEEL

20.1780

HSS-XE steel

Made of high-alloyed special steel "XE" for considerably longer service life than HSS

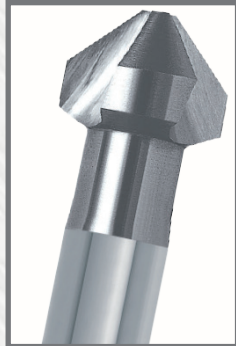
For countersinking in materials:

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

82°



3 Flutes



ARTICLE NO.	d1	d3	l1	d2	flutes	PRICE	PROMO
20.1780.010	1/4"	0,059"	1-49/64"	3/16"	3	\$26.64	\$14.46
20.1780.020	5/16"	0,078"	1-31/32"	1/4"	3	\$28.17	\$15.29
20.1780.030	3/8"	0,087"	1-31/32"	1/4"	3	\$29.35	\$15.93
20.1780.040	1/2"	0,11"	2-13/64"	5/16"	3	\$34.95	\$18.97
20.1780.050	5/8"	0,126"	2-23/64"	3/8"	3	\$44.45	\$24.13
20.1780.060	3/4"	0,138"	2-31/64"	3/8"	3	\$50.56	\$27.44
20.1780.070	7/8"	0,15"	2-41/64"	3/8"	3	\$63.80	\$34.63
20.1780.080	1"	0,15"	2-41/64"	3/8"	3	\$63.80	\$34.63
20.1695	KIT: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"					\$227.70	\$123.61
20.1696	KIT: 1/4", 3/8", 5/8", 3/4", 1"					\$228.38	\$123.97

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

KarnaschTM

PROFESSIONAL TOOLS

HIGH-PERFORMANCE COUNTERSINKS, HSS-XE STEEL + BLUE-TEC COATED

20.1785

HSS-XE steel + BLUE-TEC coated


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).



For countersinking in materials:

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

ARTICLE NO.	d1	d3	l1	d2	flutes	PRICE	PROMO
20.1785.010	1/4"	0,059"	1-49/64"	3/16"	3	\$48.36	\$26.25
20.1785.020	5/16"	0,078"	1-31/32"	1/4"	3	\$49.71	\$26.99
20.1785.030	3/8"	0,087"	1-31/32"	1/4"	3	\$51.07	\$27.73
20.1785.040	1/2"	0,11"	2-13/64"	5/16"	3	\$59.05	\$32.06
20.1785.050	5/8"	0,126"	2-23/64"	3/8"	3	\$68.55	\$37.21
20.1785.060	3/4"	0,138"	2-31/64"	3/8"	3	\$74.83	\$40.63
20.1785.070	7/8"	0,15"	2-41/64"	3/8"	3	\$87.89	\$47.71
20.1785.080	1"	0,15"	2-41/64"	3/8"	3	\$90.61	\$49.19
20.1697	KIT: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"					\$356.15	\$193.34
20.1698	KIT: 1/4", 3/8", 5/8", 3/4", 1"					\$339.18	\$184.13

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