COUNTERSINKS



Name	Pack size 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Care Countersink Care	1 1 1 1
20 (F20) 20mm 90 degree Countersink 561.00 20mm 90 degree Countersink 561.00 30(F30) 30(F30) 30mm 90 degree Countersink 561.00 593.00 30(F30) 30mm 90 degree Countersink 593.00 301 300 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301 301	1 1 1 1
Countersink Somm 90 degree Somm 90	1 1 1 1
Countersink Sp3.00 Sp3.0	1 1
30 30 30 30 30 30 30 30	1 1
3011 Countersink S23.50	1 1
10.20 1	1
3201 ft 36.3 Cranked Csk 6.3mm	1
Cranked Csk 6.3mm all "RD" cranked \$47.00	1
Cranked Csk 8.3mm	1
8.3 Cranked Csk 8.3mm with either the NG1 handle or SN1000 holder with \$53.50 10.4	
Name	
10.4	1
1041 105.5	1
Section Sect	
Cranked external Cranked ext	
Cranked external Cranked Cranked external C	1
Standard	•
Csk 4 - 18mm Stapper State Sta	1
Section Sect	'
3.2x50mm triangular \$26.30	
3.2x50mm triangular scraper. 3.2x50mm 45 deg.	
Scraper 3.2x50mm 45 deg. \$21.40	
3.2x50mm 45 deg. Internal scraper 75mm long. Fits Adj scraper handle Double medium scraper blade. Double ended ground scraper. Round blade used with double burr N80 heat treated for stainless steel Stablade for the keyway tool.2.4-11mm KM42 N80 K heat treated N80 K heat treate	1
Internal scraper 75mm long. Fits 528.80	
75mm long. Fits	1
Adj scraper handle	
Adj scraper handle D75, D77 & T80 use adjustable scraper S26.30 75mm long. Fits adjustable scraper handle handle Double medium S28.70 Double medium Scraper blade. Double ended ground UH1000 handle S42.00 Double ended ground (no holder required) BLADES Round blade used (no holder required) Round blade used N80 & N80M42 are used with S20.40 WH42 N80 heat treated for stainless steel DB1000 For small keyways. S19.00 1.2 - 8mm K Std blade for the keyway tool.2.4-11mm & N90K are used with S21.40 N80K heat treated KH1000 holder S21.40 N80K heat treated KH1000 handle KM42 N80K heat treated KH1000 handle KM42 N80K heat treated KH1000 handle K Por larger keyways. S19.20 S19.20 S19.20	1
75mm long. Fits adjustable scraper handle Double medium scraper blade. Double ended ground scraper. Round blade used with double burr N80 & N80M42 are used with stainless steel DB1000 For small keyways. Std blade for the keyway tool.2.4-11mm & N90K are used with KH1000 handle for stainless steel. N80K heat treated for stainless steel. Round blade used with scale with	
Adj scraper handle	1
Double medium Scraper blade. Double ended ground UH1000 handle \$42.00	
Scraper blade. Double ended ground UH1000 handle \$42.00	1
Double ended ground Stander St	1
Scraper. (no holder required) STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STADES STA	
Round blade used \$11.00	1
Round blade used	
Round blade used with double burr N80 & N80M42	
Round blade used with double burr N80 & N80M42	
With double burr N80 & N80M42	
M42 N80 heat treated for stainless steel are used with pB1000 \$20.40 043 stainless steel DB1000 0K For small keyways. \$19.00 001 1.2 - 8mm N70K, N80K, N80KM42, \$18.00 001 keyway tool.2.4-11mm & N90K are used with KH1000 holder \$21.40 0KM42 N80K heat treated for stainless steel. & UH1000 handle \$19.20 0K For larger keyways. \$19.20 3 - 15mm. \$21.40 \$21.40	1
043 stainless steel DB1000 0K For small keyways. \$19.00 001 1.2 - 8mm - 0K Std blade for the keyway tool.2.4-11mm N 70K, N80K, N80KM42, keyway tool.2.4-11mm \$18.00 0KM42 N80K heat treated KH1000 holder for stainless steel. \$21.40 143 for stainless steel. & UH1000 handle 0K For larger keyways. \$19.20 3 - 15mm. \$21.40	
For small keyways. 1.2 - 8mm Std blade for the keyway tool.2.4-11mm N80K heat treated for stainless steel. For larger keyways. 3 - 15mm. \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$19.00	1
1.2 - 8mm K Std blade for the N70K, N80K, N80KM42, \$18.00 keyway tool.2.4-11mm & N90K are used with KH1000 holder \$21.40 KM42 N80K heat treated KH1000 handle K For larger keyways. \$19.20 3 - 15mm.	
1.2 - 8mm Std blade for the N70K, N80K, N80KM42, \$18.00 keyway tool.2.4-11mm & N90K are used with N80K heat treated KH1000 holder for stainless steel. & UH1000 handle KM For larger keyways. \$19.20 3 - 15mm.	1
Std blade for the keyway tool.2.4-11mm & N90K are used with keyway tool.2.4-11mm & N90K are used with kH1000 holder \$21.40	
101	1
N80K heat treated KH1000 holder \$21.40 143 for stainless steel. & UH1000 handle For larger keyways. \$19.20 3 - 15mm.	
for stainless steel. & UH1000 handle For larger keyways. \$19.20 3 - 15mm.	1
For larger keyways. \$19.20 001 3 - 15mm.	1
3 - 15mm.	
& R BLADES	1
Used with Leader LH1000 holder with \$7.40	1
001 for steel & aluminium UH1000 handle	
For cross holes 3 - 5.5mm Used with RC1000 \$30.50	1
001	
For cross holes 5 - 9mm Used with RC2000 \$33.00	1
For cross holes 5 - 9mm Used with RC2000 \$33.00	
For cross holes 10 - 22mm Used with RC2200 \$36.40	
3001	1

SWIVEL BLADES



Name	Description	Blade holder	Price	Pack
Cat No.		& handles	/blade	size
N10	Light duty for steel, aluminium		\$4.28	10
BN1310	and plastic	All "B" series		
N10-Plastic	Specially ground for deburring	& "N" series blades	\$4.50	10
BN1410	plastics	can be used with		
N1	Light duty for steel, aluminium	the following :	\$4.00	10
BN1010	and plastic	—		
N1LH	N1 for left handed user.	SN1000 holder with	\$7.10	10
BN1026	Ti i laid (l. lif	UH1000 handle	40.40	10
N1 Tin	Tin coated N1 for long life.	or	\$8.13	10
BN1012	Solid carbide N1 for hardened	N holder EL01033 with NG-3 handle	<u> </u>	10
N1 C BN1015		or	\$20.90	10
N2 (B20)	steel and special plastics.	TB1000 (no extra	\$4.10	10
BN2010	Light duty for brass & cast iron	`	54.10	10
N2 C	Solid carbide N2 for ceramic	holder required) or NG-2 Handle	\$20.00	10
BN2015	and glass	The shank diameter on all	\$20.00	10
N3 (B30)	Removes internal and external	"N" or "B" blades	\$5.20	10
BN3010	burrs simultaneously from holes	is 2.6mm	\$5.20	10
DIV3010	drilled into tubing and sheet metal.	15 2.0111111		
N6 (B60)	For cross holes in difficult	_	\$11.70	1
BN6001	to reach places		\$11.70	'
S10 (E100)	Heavy duty for steel, aluminium		\$4.50	10
BS1010	and plastic		\$ 4.5 0	10
S10 LH	S10 For left handed users	All "S" or	\$9.50	10
BS1011	510 For left handed daers	"E" series blades	49.50	10
\$10 Tin	Tin coated S10 for long life.	can be used with	\$10.50	10
BS1012	Till codiced 5 to for long life.	the following :	\$10.50	10
S10 C	Solid carbide tipped \$10 for		\$36.00	1
BS1016 #	hardened steel & special plastics	SN1000 holder with	450.00	•
S100	Combination blade best for	UH1000 handle	\$6.00	10
BS1018	plastics & hard materials.	or	40.00	
S101 (E110)	H/D shank with fine cutting edge	S holder EL02003	\$6.10	10
BK1010	for steel, aluminium and plastic.	with NG-3 handle	•	
S101 LH	S101 for left handed users	or	\$11.20	10
BK1011		NG1 (no extra		
S101 Tin	Tin coated S101 for long life	holder required)	\$11.70	10
BK1012	•	or		
S150	H/D shank, for holes as small	RB1000 (no extra	\$6.40	10
BK3010	as 1.5mm diameter	holder required)		
S20 (E200)	Heavy duty for brass and		\$4.50	10
BS2010	cast iron			
S20 C	Solid carbide tipped S20 for	The shank diameter on all	\$38.00	1
BS2015 #	hardened materials	"S" or "E" blades is 3.2mm		
S202	H/D shank with fine cutting		\$7.90	10
BK2010	edge for brass & cast iron			
S30 (E300)	H/D removes internal & external		\$5.10	10
BS3010	burrs simultaneously from holes			
	drilled into tubing & sheet metal			
S35 (E350)	Heavy duty for straight edges		\$5.70	10
BS3510				
S60 (E600)	Heavy duty for cross holes		\$11.30	1
BS6001	in difficult to reach places			
TC	Patented for internal thread		\$23.54	1
BC1001	cleaning & deburring from 9mm	<u></u>		
OR	Patented HSS for "O" Ring		\$24.00	1
BO1001	grooves up to 3mm			

Blades marked with # are non stock and may require minimum order quantities as special buy-ins