








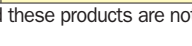







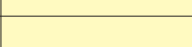
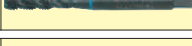
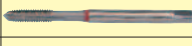
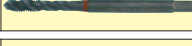
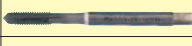



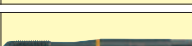
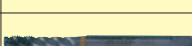
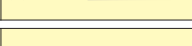
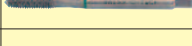




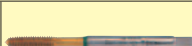


HSS Hand Taps

ISO 529	SHERWOOD		METRIC COARSE	METRIC FINE	UNC	UNF	BSW	BSF	BA	BSP	BSPT	NPT	NPS
HSS Ground Thread For Hand & General Use	Taper-Second Plug		Page 176	Page 178	Page 180	Page 182	Page 184	Page 185	Page 188	Page 187	Page 186	Page 189	Page 189
	Sets of Three		Page 176	Page 178	Page 180	Page 182	Page 184	Page 185	Page 188	Page 187	*	*	*
	Spiral Point/ Gun Nose		Page 177	Page 179	Page 181	Page 183	Page 184	Page 185	Page 188	Page 187	*	*	*
	Spiral Flute		Page 177	Page 179	Page 181	Page 183	Page 184	Page 185	Page 188	Page 187	*	*	*
	Fluteless		Page 177	*	Page 181	Page 183	Page 184	*	Page 188	*	*	*	*
	Long Series		Page 177	*	Page 181	Page 183	Page 184	*	*	*	*	*	*
	Dies		Page 176	Page 178	Page 180	Page 182	Page 184	Page 185	Page 188	Page 187	Page 186	Page 189	*
	Die Nuts		Page 176	Page 178	Page 180	Page 182	Page 184	Page 185	Page 188	Page 187	Page 186	Page 189	*
	Left Hand Taps & Dies		Page 190	*	Page 190	Page 190	Page 190	*	*	*	*	*	*

*Where indicated these products are not shown in this catalogue but can be supplied on request. Please contact your local branch for more information.

Production Taps

DIN 371/6	SWISS+TECH		METRIC COARSE	UNC	UNF	BSP
BLACK RING MULTI APPLICATION	Spiral Point For Through Holes		Page 193	-	-	-
	Spiral Flute For Blind Holes		Page 193	-	-	-
YELLOW RING FOR STEELS	Spiral Point For Through Holes		Page 194	-	-	Page 194
	Spiral Flute For Blind Holes		Page 194	-	-	Page 194
BLUE RING FOR STAINLESS	Spiral Point For Through Holes		Page 195	Page 195	Page 195	Page 195
	Spiral Flute - BLF For Shorter Blind Holes		Page 195	Page 195	Page 195	Page 195
	Spiral Flute - BLT For Deeper Blind Holes		Page 195	-	-	-
RED RING FOR ALLOY STEELS	Spiral Point For Through Holes		Page 194	-	-	-
	Spiral Flute For Blind Holes		Page 194	-	-	-
WHITE RING FOR CAST IRON	Straight Flute For Through Holes		Page 195	-	-	-
	Straight Flute For Blind Holes		Page 195	-	-	-
PURPLE RING FOR TITANIUM ALLOYS	Left Hand Spiral Flute For Through Holes		Page 196	-	-	-
	Spiral Flute For Blind Holes		Page 196	-	-	-
ORANGE RING FOR HI-TEMP ALLOYS	Spiral Point For Through Holes		Page 196	-	-	-
	Spiral Flute For Blind Holes		Page 196	-	-	-
GREEN RING FOR ALUMINIUM ALLOYS	Spiral Point For Through Holes		Page 197	-	-	-
	Spiral Flute For Blind Holes		Page 197	-	-	-
FOR BRASS/ALUMINIUM	Fluteless For Through & Blind Holes		Page 197	-	-	-
ISO 529	KENNEDY		METRIC COARSE	UNC	UNF	
MULTI APPLICATION	Spiral Point For Through Holes		Page 192	-	-	
	Spiral Flute For Blind Holes		Page 192	-	-	
DIN 371	KENNEDY		METRIC COARSE	UNC	UNF	
FOR BRASS/ALUMINIUM	Fluteless For Through & Blind Holes		Page 197	-	-	



CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

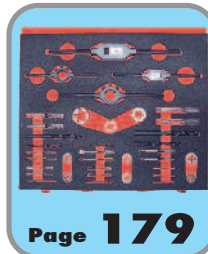
GROUP 085 HSS TAPS & DIES



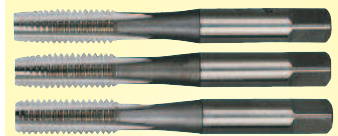
Metric Coarse HSS Ground Thread Taps

EXTENDED RANGE

Straight Flute Individual Sizes ISO 529



METRIC COARSE



Sets of Three 1 each, taper, second and plug lead

(1) Diameter and pitch not mentioned in ISO.

Main table of Metric Coarse HSS Ground Thread Taps with columns for Size, Thread, Overall Length, Shank Diameter, Weight, Order Code, and Price.

Metric Coarse HSS Ground Thread Dies

BS 1127

For use in diestocks to produce external screw threads.



Table of Metric Coarse HSS Ground Thread Dies with columns for Size, Outside Diameter, Thickness, Weight, Order Code, and Price.

Metric Coarse HSS Ground Thread Die Nuts

BS 1127

For use with spanners to clean and repair existing external screw threads.

METRIC COARSE HSS



Table of Metric Coarse HSS Ground Thread Die Nuts with columns for Size, Width, Thickness, Weight, Order Code, and Price.

CUTTING TOOLS

HSS TAPS & DIES

HSS Ground Flute Tap & Drill Set

Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases. Manufactured to **BS238 : Part 1 : 1986, DIN 338N & ANSI B94 -11M.**

**28
PIECES**

**METRIC
Tap & Drill**

Taps M3 ~ M12
+Tapping Drills
2.5 ~ 10.2



28 Piece Tap & Drill Set
Taps (Taper, Second and Bottom)

M3 M4	M5 M6	M8 M10	M12
Tapping Drills			
(mm) 2.5	3.3 4.2	5.0 6.8	8.5 10.2
Number of Pieces	Order Code SHR-025	List Price/1	Offer Price/1
28	-9960K	£171.40	£59.99

CUTTING TOOLS

DORMER Metric Coarse HSS Ground Thread Taps

METRIC COARSE HSS

ISO 529
Straight Flute Individual Sizes



Series
E500



Size - Pitch (mm)	Taper			Second			Plug		
	Order Code DOR-085	List Price/1	Offer Price/1	Order Code DOR-085	List Price/1	Offer Price/1	Order Code DOR-085	List Price/1	Offer Price/1
M2.0 x 0.40	-1160A	-1160B	-1160C	£23.55	£14.13	-1160D	£70.70	£42.42	
M2.5 x 0.45	-1200A	-1200B	-1200C	£20.40	£12.24	-1200D	£61.10	£36.66	
M3.0 x 0.50	-1220A	-1220B	-1220C	£14.90	£8.94	-1220D	£44.75	£26.85	
M3.5 x 0.60	-1260A	-1260B	-1260C	£16.30	£9.78	-1260D	£48.90	£29.34	
M4.0 x 0.70	-1280A	-1280B	-1280C	£13.15	£7.89	-1280D	£39.45	£23.67	
M4.5 x 0.75	-1310A	-1310B	-1310C	£19.35	£11.61	-1310D	£58.00	£34.80	
M5.0 x 0.80	-1330A	-1330B	-1330C	£14.70	£8.82	-1330D	£44.10	£26.46	
M6.0 x 1.00	-1370A	-1370B	-1370C	£14.50	£8.70	-1370D	£43.40	£26.04	
M8.0 x 1.25	-1410A	-1410B	-1410C	£16.80	£10.08	-1410D	£50.30	£30.18	
M10.0 x 1.50	-1450A	-1450B	-1450C	£19.75	£11.85	-1450D	£59.30	£35.58	
M12.0 x 1.75	-1480A	-1480B	-1480C	£27.05	£16.23	-1480D	£81.10	£48.66	
M14.0 x 2.00	-1490A	-1490B	-1490C	£35.50	£21.30	-1490D	£106.00	£63.60	
M16.0 x 2.00	-1530A	-1530B	-1530C	£40.60	£24.36	-1530D	£122.00	£73.20	
M20.0 x 2.50	-1570A	-1570B	-1570C	£64.40	£38.64	-1570D	£193.00	£115.80	

SHERWOOD QUALITY CUTTING TOOLS Metric Coarse HSS Ground Thread Taps

Spiral Point/Gun Nose



METRIC COARSE HSS



Size - Pitch (mm)	Shank Dia.	A/F Square	Weight Each	Order Code SHR-085	List Price/1	Offer Price/1
M1.6 x 0.35	2.50	2.00	9g	-0130E	£66.68	£34.67
M2.0 x 0.40	2.50	2.00	9g	-0160E	£33.47	£17.40
M2.5 x 0.45	2.80	2.24	9g	-0200E	£26.84	£13.96
M3.0 x 0.50	3.15	2.50	12g	-0230E	£16.65	£8.66
M3.5 x 0.60	3.55	2.80	12g	-0260E	£18.18	£9.45
M4.0 x 0.70	4.00	3.15	18g	-0280E	£14.72	£7.65
M4.5 x 0.75	4.50	3.55	18g	-0310E	£26.19	£13.62
M5.0 x 0.80	5.00	4.00	18g	-0330E	£16.38	£8.52
M6.0 x 1.00	6.30	5.00	45g	-0370E	£16.25	£8.45
M7.0 x 1.00	7.10	5.60	54g	-0390E	£31.80	£16.54
M8.0 x 1.25	8.00	6.30	72g	-0410E	£18.86	£9.81
M10.0 x 1.50	10.00	8.00	120g	-0450E	£24.56	£12.77
M12.0 x 1.75	9.00	7.10	149g	-0480E	£30.24	£15.72
M14.0 x 2.00	11.20	9.00	233g	-0510E	£51.06	£26.55
M16.0 x 2.00	12.50	10.00	307g	-0530E	£51.97	£27.02
M18.0 x 2.50	14.00	11.20	427g	-0550E	£88.49	£46.01
M20.0 x 2.50	14.00	11.20	459g	-0570E	£85.36	£44.39
M22.0 x 2.50	16.00	12.50	599g	-0590E	£114.00	£59.28
M24.0 x 3.00	18.00	14.00	826g	-0610E	£129.00	£67.08

Straight Flute Long Series



METRIC COARSE HSS

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Weight Each	Taper			Second			Plug		
					Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1
M3.0 x 0.50	11	66	2.24	5g	-0230G	£37.87	£19.69	-0230H	£37.87	£19.69	-0230J	£37.87	£19.69
M4.0 x 0.70	13	73	3.15	9g	-0280G	£33.52	£17.43	-0280H	£33.52	£17.43	-0280J	£33.52	£17.43
M5.0 x 0.80	16	79	4.00	13g	-0330G	£37.45	£19.47	-0330H	£37.45	£19.47	-0330J	£37.45	£19.47
M6.0 x 1.00	19	89	4.50	16g	-0370G	£36.99	£19.23	-0370H	£36.99	£19.23	-0370J	£36.99	£19.23
M8.0 x 1.25	22	97	6.30	30g	-0410G	£37.64	£19.57	-0410H	£37.64	£19.57	-0410J	£37.58	£19.54
M10.0 x 1.50	24	108	8.00	48g	-0450G	£48.43	£25.18	-0450H	£48.43	£25.18	-0450J	£48.43	£25.18
M12.0 x 1.75	29	119	9.00	68g	-0480G	£68.78	£35.77	-0480H	£68.78	£35.77	-0480J	£68.78	£35.77
M14.0 x 2.00	30	127	11.20	102g	-0510G	£90.31	£46.96	-0510H	£90.31	£46.96	-0510J	£90.31	£46.96
M16.0 x 2.00	32	137	12.50	130g	-0530G	£104.00	£54.08	-0530H	£104.00	£54.08	-0530J	£104.00	£54.08
M18.0 x 2.50	37	149	14.00	188g	-0550G	£139.00	£72.28	-0550H	£139.00	£72.28	-0550J	£139.00	£72.28
M20.0 x 2.50	37	149	14.00	198g	-	-	-	-0570H	£165.00	£85.80	-0570J	£165.00	£85.80
M22.0 x 2.50	38	158	16.00	268g	-0590G	£162.00	£84.24	-0590H	£162.00	£84.24	-0590J	£162.00	£84.24
M24.0 x 3.00	45	172	18.00	351g	-0610G	£225.00	£117.00	-0610H	£225.00	£117.00	-0610J	£225.00	£117.00

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2014



Metric Fine HSS Ground Thread Taps

HSS

METRIC FINE

ISO 529
Spiral Point/Gun Nose



Size - Pitch (mm)	Shank Diameter	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
Metric Fine						
M4.0 x 0.50	4.00	3.15	8g	-0270E	£40.77	£21.20
M5.0 x 0.50	5.00	4.00	10g	-0320E	£40.36	£20.99
M6.0 x 0.75	6.30	5.00	27g	-0360E	£27.94	£14.53
M8.0 x 1.00	8.00	6.30	23g	-0400E	£33.83	£17.59
M10.0 x 1.25	10.00	8.00	40g	-0440E	£56.62	£29.44
M14.0 x 1.50	11.20	9.00	78g	-0500E	£81.13	£42.19
M16.0 x 1.50	12.50	10.00	82g	-0520E	£65.42	£34.02
M18.0 x 1.50	14.00	11.20	132g	-0540E	£128.00	£66.56
M20.0 x 1.50	14.00	11.20	159g	-0560E	£158.00	£82.16
M22.0 x 1.50	16.00	12.50	185g	-0580E	£176.00	£91.52
ISO Metric Special Pitch						
M8.0 x 0.75	8.00	6.30	23g	-0395E	£42.95	£22.33
M10.0 x 1.00	10.00	8.00	40g	-0430E	£43.05	£22.39
M12.0 x 1.25	9.00	7.10	48g	-0470E	£74.60	£38.79
M12.0 x 1.50	9.00	7.10	40g	-0475E	£49.98	£25.99

Spiral Flute



HSS

METRIC FINE

* = Metric Spark Plug

Size - Pitch (mm)	Shank Diameter	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
Metric Fine						
M20.0 x 1.50	14.00	11.20	131g	-0560F	£184.00	£95.68
ISO Metric Special Pitch						
M4.0 x 0.50	4.00	3.15	6g	-0270F	£52.13	£27.11
M5.0 x 0.50	5.00	4.00	10g	-0320F	£51.57	£26.82
M6.0 x 0.50	6.30	5.00	14g	-0355F	£12.13	£6.31
M6.0 x 0.75	6.30	5.00	14g	-0360F	£38.64	£20.09
M8.0 x 0.75	8.00	6.30	22g	-0395F	£42.95	£22.33
M8.0 x 1.00	8.00	6.30	22g	-0400F	£44.85	£23.32
M10.0 x 1.00	10.00	8.00	38g	-0430F	£52.58	£27.34
M10.0 x 1.25	10.00	8.00	37g	-0440F	£66.90	£34.79
M12.0 x 1.25	9.00	7.10	47g	-0470F	£80.31	£41.76
M12.0 x 1.50	9.00	7.10	48g	-0475F	£71.86	£37.37
M14.0 x 1.25*	11.20	9.00	9.00	-0490F	£108.00	£56.16
M14.0 x 1.50	11.20	9.00	75g	-0500F	£105.00	£54.60
M16.0 x 1.50	12.50	10.00	82g	-0520F	£108.00	£56.16
M18.0 x 1.50	14.00	11.00	148g	-0540F	£151.00	£78.52
M22.0 x 1.50	16.00	12.50	184g	-0580F	£208.00	£108.16



Metric Threading Set



M2 - M16:

HSS Ground Thread Taper and Second Taps:

M2 x 0.40, M3 x 0.50, M4 x 0.70, M5 x 0.80, M6 x 1.00, M8 x 1.25, M10 x 1.50 and M12 x 1.75. Manufactured to ISO 529.

Bar Type Tap Wrenches: 1/16" - 1/4" and 3/16" - 1/2".

Tapping Drills to Suit: 1.6, 2.5, 3.3, 4.2, 5.0, 6.8, 8.5 and 10.2mm. Made to BS 328/DIN 338N.

13/16" O/D Split Dies: M2 x 0.40, M3 x 0.50, M4 x 0.70, M5 x 0.80 and M6 x 1.00.

1" O/D Split Dies: M8 x 1.25 and M10 x 1.50. Manufactured to BS 1127.

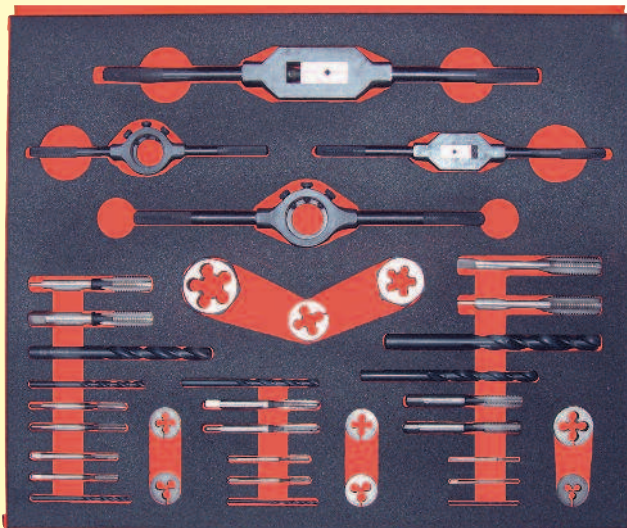
Diestocks: 13/16" O/D and 1" O/D.

HSS Die Nuts: M12 x 1.75 and M16 x 2.00. Manufactured to BS 1127.

METRIC COARSE

HSS

**37
PIECES**



Range	Number of Pieces	Order Code SHR-086	List Price/1	Offer Price/1
M2 - M16	37	-9990K	£407.00	£203.50



Metric Threading Set



Metric M3 - M12

Comprehensive threading set containing machine ground HSS Taps and Dies in a metal box.

Contents:

O/D Split Dies: M3, M4, M5, M6, M8, M10 and M12.

Ground Thread Taps (1 of each, taper, second and plug lead): M3, M4, M5, M6, M8, M10 and M12.

Bar Type Tap Wrench: M1 - M12 x 210mm.

Die Stock: 25 x 9 x 210mm.

Metric Thread Pitch Gauge.

Flat Bladed Screwdriver: 6mm.

**32
PIECES**



Range	Number of Pieces	Order Code SEN-086	List Price/1	Offer Price/1
M3 - M12	32	-9980K	£99.99	£54.99

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2014

GROUP 085 HSS TAPS & DIES

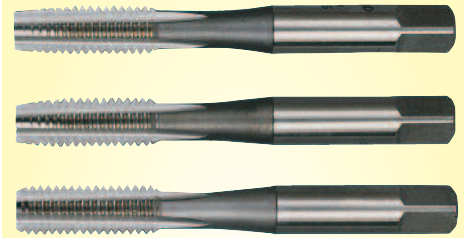
SHERWOOD QUALITY CUTTING TOOLS **UNC (Unified Coarse) HSS Ground Thread Taps**

ISO 529



Sets of Three
1 each, taper, second and plug lead.

UNC HSS



Straight Flute Individual Sizes

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper	Second	Plug	List Price/1	Offer Price/1
					Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
No.1 x 64	8.0	41.0	2.50	3g	-0760A	-0760B	-0760C	£58.68	£30.51
No.2 x 56	9.5	44.5	2.80	3g	-0770A	-0770B	-0770C	£38.43	£19.98
No.3 x 48	9.5	44.5	2.80	3g	-	-0780B	-0780C	£36.54	£19.00
No.4 x 40	11.0	48.0	3.15	3g	-0790A	-0790B	-0790C	£21.78	£11.33
No.5 x 40	11.0	48.0	3.15	4g	-0800A	-0800B	-0800C	£23.76	£12.36
No.6 x 32	13.0	50.0	3.55	4g	-0810A	-0810B	-0810C	£14.00	£7.28
No.8 x 32	13.0	53.0	4.50	7g	-0820A	-0820B	-0820C	£13.82	£7.19
No.10 x 24	16.0	58.0	5.00	8g	-0830A	-0830B	-0830C	£14.54	£7.56
No.12 x 24	17.0	62.0	5.60	11g	-0840A	-0840B	-0840C	£19.17	£9.97
1/4" x 20	19.0	66.0	6.30	14g	-0850A	-0850B	-0850C	£13.68	£7.11
5/16" x 18	22.0	72.0	8.00	22g	-0860A	-0860B	-0860C	£15.89	£8.26
3/8" x 16	24.0	80.0	10.00	38g	-0870A	-0870B	-0870C	£17.88	£9.30
7/16" x 14	25.0	85.0	8.00	38g	-0880A	-0880B	-0880C	£28.49	£14.81
1/2" x 13	29.0	89.0	9.00	50g	-0890A	-0890B	-0890C	£25.16	£13.08
9/16" x 12	30.0	95.0	11.20	75g	-0900A	-0900B	-0900C	£42.93	£22.32
5/8" x 11	32.0	102.0	12.50	82g	-0910A	-0910B	-0910C	£38.34	£19.94
3/4" x 10	37.0	112.0	14.00	142g	-0920A	-0920B	-0920C	£55.89	£29.06
7/8" x 9	38.0	118.0	16.00	193g	-0930A	-0930B	-0930C	£84.24	£43.80
1" x 8	45.0	130.0	18.00	323g	-0940A	-0940B	-0940C	£97.20	£50.54
1 1/8" x 7	48.0	138.0	20.00	373	-0950A	-0950B	-0950C	£162.00	£84.24
1 1/4" x 7	51.0	151.0	22.40	478g	-	-0960B	-	£222.00	£115.44
1 3/8" x 6	57.0	162.0	25.00	577	-0970A	-0970B	-0970C	£265.00	£137.80
1 1/2" x 6	60.0	170.0	28.00	782	-	-0980B	-0980C	£178.19	£92.66
2" x 4.5	70.0	200.0	35.50	1617	-	-1000B	-	£410.00	£213.20

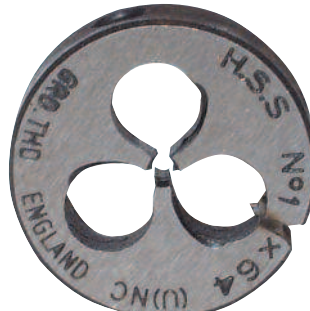
Square AF	Tap Drill Size	Set of 3		List Price/1	Offer Price/1
		Order Code SHR-085	Order Code SHR-085		
-	-	-	-	-	-
2.24	1.85	-0770D	-0770D	£116.00	£60.32
2.24	2.10	-0780D	-0780D	£110.00	£57.20
2.50	2.35	-0790D	-0790D	£65.34	£33.98
2.50	2.65	-0800D	-0800D	£71.19	£37.02
2.80	2.85	-0810D	-0810D	£41.94	£21.81
3.55	3.50	-0820D	-0820D	£41.40	£21.53
4.00	3.90	-0830D	-0830D	£43.70	£22.72
4.50	4.50	-0840D	-0840D	£57.60	£29.95
5.00	5.10	-0850D	-0850D	£40.95	£21.29
6.30	6.60	-0860D	-0860D	£47.70	£24.80
8.00	8.00	-0870D	-0870D	£53.65	£27.90
6.30	9.40	-0880D	-0880D	£85.50	£44.46
7.10	10.80	-0890D	-0890D	£75.51	£39.27
9.00	12.20	-0900D	-0900D	£129.00	£67.08
10.00	13.50	-0910D	-0910D	£116.00	£60.32
11.20	16.50	-0920D	-0920D	£168.00	£87.36
12.50	19.50	-0930D	-0930D	£253.00	£131.56
14.00	22.25	-0940D	-0940D	£292.00	£151.84
18.00	28.00	-0960D	-0960D	£664.00	£345.28
22.40	34.00	-0980D	-0980D	£936.00	£486.72
-	-	-	-	-	-
-	-	-	-	-	-

UNC (Unified Coarse) HSS Ground Thread Dies

BS 1127

For use in diestocks to produce external screw threads.

UNC HSS



Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.2 x 56	13/16"	1/4"	12g	-2980K	£64.47	£38.68
No.4 x 40	13/16"	1/4"	12g	-3000K	£51.75	£31.05
No.6 x 32	13/16"	1/4"	7g	-3020K	£51.75	£31.05
No.8 x 32	13/16"	1/4"	13g	-3030K	£51.75	£31.05
No.10 x 24	13/16"	1/4"	17g	-3040K	£51.75	£31.05
No.12 x 24	13/16"	1/4"	10g	-3050K	£51.75	£31.05
1/4" x 20	13/16"	3/8"	12g	-3060K	£41.12	£24.67
1/4" x 20	1"	3/8"	26g	-3220K	£48.56	£29.14
1/4" x 20	1 1/16"	7/16"	46g	-3340K	£87.80	£52.68
5/16" x 18	1"	3/8"	27g	-3230K	£55.24	£33.14
5/16" x 18	1 1/16"	7/16"	47g	-3350K	£71.03	£42.62
3/8" x 16	1"	3/8"	24g	-3240K	£48.56	£29.14
3/8" x 16	1 1/16"	7/16"	62g	-3360K	£71.03	£42.62
3/8" x 16	1 1/2"	1 1/2"	76g	-3460K	£108.00	£64.80
1/2" x 13	1 1/2"	5/8"	165g	-3620K	£157.00	£94.20
7/16" x 14	1"	3/8"	27g	-3250K	£48.58	£29.15
7/16" x 14	1 1/16"	7/16"	51g	-3370K	£71.03	£42.62
1/2" x 13	1 1/16"	7/16"	52g	-3380K	£71.11	£42.67
1/2" x 13	1 1/2"	1 1/2"	79g	-3480K	£83.41	£50.05
9/16" x 12	1 1/16"	7/16"	37g	-3390K	£75.75	£45.45
9/16" x 12	1 1/2"	1 1/2"	71g	-3490K	£120.00	£72.00
5/8" x 11	1 1/2"	1 1/2"	71g	-3500K	£83.33	£50.00
5/8" x 11	2"	5/8"	148g	-3640K	£125.00	£75.00
3/4" x 10	1 1/2"	1 1/2"	70g	-3510K	£83.33	£50.00
7/8" x 9	2"	5/8"	149g	-3660K	£125.00	£75.00
1" x 8	2"	5/8"	157g	-3670K	£125.00	£75.00

UNC (Unified Coarse) HSS Ground Thread Die Nuts

BS 1127

For use with spanners to clean and repair existing external screw threads.

UNC HSS



Size - Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.12 x 24	0.71"	1/4"	13g	-3910K	£91.85	£55.11
1/4" x 20	0.71"	1/4"	13g	-3920K	£47.44	£28.46
5/16" x 18	0.82"	5/16"	12g	-3950K	£55.83	£33.50
3/8" x 16	0.92"	3/8"	11g	-3970K	£64.24	£38.54
7/16" x 14	1.01"	7/16"	33g	-3990K	£88.32	£52.99
1/2" x 13	1.10"	1/2"	45g	-4010K	£77.87	£46.72
1/2" x 13	1.10"	1/2"	44	-4020K	£175.00	£105.00
5/8" x 11	1.30"	5/8"	72g	-4040K	£95.79	£57.47
3/4" x 10	1.48"	1 1/16"	102g	-4070K	£120.00	£72.00
7/8" x 9	1.67"	1 3/16"	145g	-4090K	£136.00	£81.60
1" x 8	2.05"	1 5/16"	269g	-4110K	£195.00	£117.00



UNC (Unified Coarse) HSS Ground Thread Taps

ISO 529
Spiral Point/Gun Nose

UNC HSS



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.2 x 56	2.80	2.24	1g	-0770E	£64.80	£33.70
No.3 x 48	2.80	2.24	2g	-0780E	£63.98	£33.27
No.4 x 40	3.15	2.50	1g	-0790E	£36.71	£19.09
No.5 x 40	3.15	2.50	2g	-0800E	£40.07	£20.84
No.6 x 32	3.55	2.80	2g	-0810E	£23.67	£12.31
No.8 x 32	4.50	3.55	4g	-0820E	£23.36	£12.15
No.10 x 24	5.00	4.00	5g	-0830E	£24.52	£12.75
No.12 x 24	5.60	4.50	8g	-0840E	£32.40	£16.85
1/4" x 20	6.30	5.00	11g	-0850E	£21.30	£11.08
5/16" x 18	8.00	6.30	17g	-0860E	£26.76	£13.92
3/8" x 16	10.00	8.00	33g	-0870E	£30.02	£15.61
7/16" x 14	8.00	6.30	38g	-0880E	£48.02	£24.97
1/2" x 13	9.00	7.10	44g	-0890E	£42.48	£22.09
9/16" x 12	11.20	9.00	62g	-0900E	£62.50	£32.50
5/8" x 11	12.50	10.00	91g	-0910E	£64.65	£33.62
3/4" x 10	14.00	11.20	130g	-0920E	£94.05	£48.91
7/8" x 9	16.00	12.20	173g	-0930E	£142.00	£73.84
1" x 8	18.00	14.00	294g	-0940E	£164.00	£85.28

Fluteless

UNC HSS



Size - Pitch	Shank Diameter	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.4 x 40	3.15	2g	-0790K	£68.02	£35.37
No.6 x 32	3.55	3g	-0810K	£43.89	£22.82
No.8 x 32	4.50	8g	-0820K	£43.23	£22.48
No.10 x 24	5.00	9g	-0830K	£45.44	£23.63
1/4" x 20	6.30	11g	-0850K	£41.88	£21.78
3/8" x 16	10.00	41g	-0870K	£60.41	£31.41

Straight Flute Long Series

UNC HSS



Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper			Second			Plug		
					Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1
1/4" x 20	19.0	89.0	4.50	19g	-	-	-	-0850H	£50.96	£26.50	-0850J	£50.96	£26.50
5/16" x 18	22.0	97.0	6.30	26g	-	-	-	-0860H	£56.54	£29.40	-	-	-
3/8" x 16	24.0	108.0	7.10	36g	-	-	-	-0870H	£73.01	£37.97	-0870J	£73.01	£37.97
7/16" x 14	25.0	115.0	8.00	48g	-0880G	£103.00	£53.56	-0880H	£103.00	£53.56	-	-	-
9/16" x 12	30.0	127.0	11.20	98g	-0900G	£140.00	£72.80	-0900H	£140.00	£72.80	-0900J	£140.00	£72.80
5/8" x 11	32.0	137.0	12.50	136g	-0910G	£152.00	£79.04	-	-	-	-	-	-
7/8" x 9	38.0	158.0	16.00	266g	-	-	-	-0930H	£307.00	£159.64	-0930J	£307.00	£159.64

UNC Threading Set

UNC

No.10 - 3/4" UNC:

HSSGT Straight Flute Taps:

Taper: No.10 x 24, 1/4" x 20, 5/16" x 18, 3/8" x 16.

Second: 7/16" x 14, 1/2" x 13, 5/8" x 11, 3/4" x 10.

Plug: No.10 x 24,

1/4" x 20, 5/16" x 18, 3/8" x 16.

Bar Type Tap Wrenches:

1/16" - 1/4" and 1/4" - 3/4".

Tapping Drills to suit: HSS

S/S. 3.90, 5.10, 6.60, 8.00, 9.40, 10.80mm

HSS 1" O/D Dies:

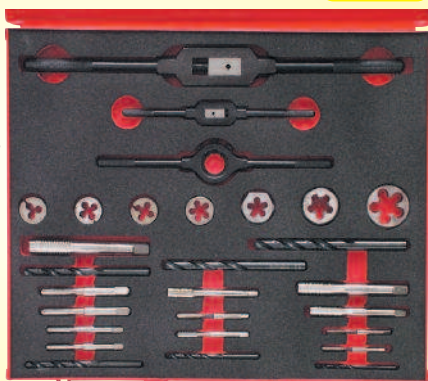
1/4" x 20, 5/16" x 18, 3/8" x 16.

Diastock: 1" O/D.

HSS Die Nuts: 7/16" x 14,

1/2" x 13, 5/8" x 11,

3/4" x 10.



28 PIECES

Range	Number of Pieces	Order Code SHR-086	List Price/1	Offer Price/1
10 - 3/4" UNC	28	-9994K	£363.00	£181.50

Spiral Flute

UNC HSS



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.3 x 48	2.80	2.24	1g	-0780F	£75.33	£39.17
No.4 x 40	3.15	2.50	1g	-0790F	£44.88	£23.34
No.5 x 40	3.15	2.50	2g	-0800F	£46.83	£24.35
No.6 x 32	3.55	2.80	3g	-0810F	£28.95	£15.05
No.8 x 32	4.50	3.55	4g	-0820F	£28.47	£14.80
No.10 x 24	5.00	4.00	5g	-0830F	£29.98	£15.59
No.12 x 24	5.60	4.50	8g	-0840F	£39.70	£20.64
1/4" x 20	6.30	5.00	11g	-0850F	£26.60	£13.83
5/16" x 18	8.00	6.30	19g	-0860F	£27.43	£14.26
3/8" x 16	10.00	8.00	31g	-0870F	£35.19	£18.30
7/16" x 14	8.00	6.30	31g	-0880F	£58.83	£30.59
1/2" x 13	9.00	7.10	41g	-0890F	£42.62	£22.16
9/16" x 12	11.20	9.00	66g	-0900F	£80.07	£41.64
5/8" x 11	12.50	10.00	89g	-0910F	£77.62	£40.36
3/4" x 10	14.00	11.20	123g	-0920F	£115.00	£59.80
7/8" x 9	16.00	12.50	180g	-0930F	£172.00	£89.44
1" x 8	18.00	14.00	240g	-0940F	£201.00	£104.52

FREE

Tapping Drill Wall Chart (A2 Size)

AVAILABLE ON REQUEST

CAT-849-0938A

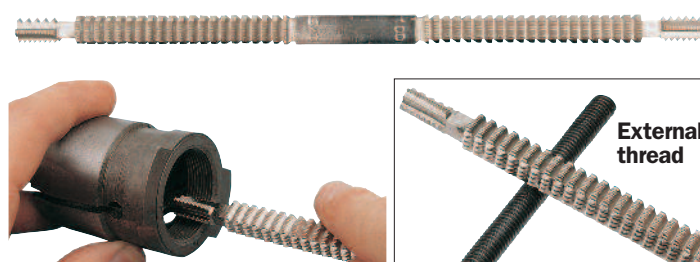
Contact your local branch or representative.



Thread Restoring Files

Restore internal and external threads by filing, where the use of taps and dies are impractical. The restorer file overlaps several good threads and files the damaged ones. Restore right and left hand, internal and external threads.

Long lasting, fast cutting teeth. Thread restoring files are available in ISO, Whit/BSF, UNF/UNC and BSP thread types.

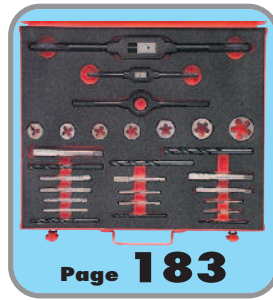


Thread Type	Range	Weight each	Order Code SHR-017	Offer Price/1
ISO	.80 to 3mm	133g	-9020C	£16.05
Whit/BSF	10 tpi to 24 tpi	132g	-9001A	£16.05
UNF/UNC	11 tpi to 24 tpi	130g	-9010B	£16.05
BSP	11 tpi to 28 tpi	127g	-9030D	£16.05



**UNF (Unified Fine)
HSS Ground Thread Taps**

ISO 529



Straight Flute Individual Sizes

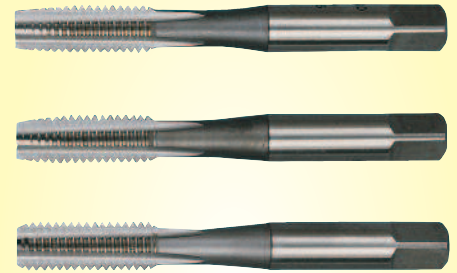
Size - Pitch	Thread Length	Overall Length	Shank Diameter	Taper	Second	Plug	List Price/1	Offer Price/1
				Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
No.4 x 48	9.45	44.5	2.80	-1050A	-1050B	-1050C	£25.02	£13.01
No.5 x 44	11.0	48.0	3.15	-1060A	-1060B	-	£27.41	£14.25
No.6 x 40	13.0	50.0	3.55	-1070A	-1070B	-1070C	£16.16	£8.40
No.8 x 36	13.0	53.0	4.50	-1080A	-1080B	-1080C	£15.93	£8.28
No.10 x 32	16.0	58.0	5.00	-1090A	-1090B	-1090C	£16.70	£8.68
No.12 x 28	17.0	62.0	5.60	-1100A	-1100B	-1100C	£22.14	£11.51
1/4" x 28	19.0	66.0	6.30	-1110A	-1110B	-1110C	£15.75	£8.19
5/16" x 24	19.0	69.0	8.00	-1120A	-1120B	-1120C	£18.18	£9.45
3/8" x 24	20.0	76.0	10.00	-1130A	-1130B	-1130C	£22.28	£11.59
7/16" x 20	25.0	85.0	8.00	-1140A	-1140B	-1140C	£32.81	£17.06
1/2" x 20	29.0	89.0	9.00	-1150A	-1150B	-1150C	£28.98	£15.07
9/16" x 18	30.0	95.0	11.20	-1160A	-1160B	-1160C	£49.41	£25.69
5/8" x 18	32.0	102.0	12.50	-1170A	-1170B	-1170C	£44.10	£22.93
3/4" x 16	37.0	112.0	14.00	-1180A	-1180B	-1180C	£64.17	£33.37
7/8" x 14	38.0	118.0	16.00	-1190A	-1190B	-1190C	£97.20	£50.54
1" x 12	45.0	130.0	18.00	-1200A	-1200B	-1200C	£112.00	£58.24
1 1/8" x 12	37.0	127.0	20.00	-1210A	-1210B	-1210C	£182.00	£94.64
1 1/4" x 12	37.0	137.0	22.40	-1220A	-1220B	-1220C	£256.00	£133.12
1 3/8" x 12	39.0	144.0	25.00	-1230A	-	-1230C	£300.00	£156.00

Sets of Three

1 each, taper, second and plug lead.



UNF HSS



Order Code SHR-085	Set of 3	
	List Price/1	Offer Price/1
-1050D	£75.06	£39.03
-1060D	£82.17	£42.73
-1070D	£48.42	£25.18
-1080D	£47.79	£24.85
-1090D	£50.13	£26.07
-1100D	£66.42	£34.54
-1110D	£47.16	£24.52
-1120D	£54.54	£28.36
-1130D	£66.87	£34.77
-1140D	£98.10	£51.01
-1150D	£86.94	£45.21
-1160D	£149.00	£77.48
-1170D	£133.00	£69.16
-1180D	£193.00	£100.36
-1190D	£291.00	£151.32
-1200D	£336.00	£174.72
-1210D	£546.00	£283.92
-1220D	£767.00	£398.84
-	-	-

**UNF (Unified Fine)
HSS Ground Thread Dies**

ISO 529

For use in diestocks to produce external screw threads.



UNF HSS

UNF (Unified Fine)

Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.2 x 64	13/16"	1/4"	12g	-4240K	£70.84	£42.50
No.5 x 44	13/16"	1/4"	12g	-4270K	£56.89	£34.13
No.6 x 40	13/16"	1/4"	11g	-4280K	£56.89	£34.13
No.8 x 36	13/16"	1/4"	10g	-4290K	£56.89	£34.13
No.10 x 32	13/16"	1/4"	12g	-4300K	£56.89	£34.13
No.10 x 32	1"	3/8"	12g	-4470K	£60.44	£36.26
No.12 x 28	13/16"	1/4"	12g	-4310K	£56.89	£34.13
1/4" x 28	13/16"	1/4"	12g	-4320K	£45.14	£27.08
1/4" x 28	1"	3/8"	28g	-4490K	£53.30	£31.98
1/4" x 28	15/16"	7/16"	32g	-4620K	£95.79	£57.47
5/16" x 24	1"	3/8"	42g	-4500K	£53.30	£31.98
3/8" x 24	1"	3/8"	42g	-4510K	£53.30	£31.98
3/8" x 24	15/16"	7/16"	55g	-4640K	£78.04	£46.82
7/16" x 20	1"	3/8"	23g	-4520K	£60.44	£36.26
7/16" x 20	15/16"	7/16"	53g	-4650K	£78.04	£46.82
1/2" x 20	15/16"	7/16"	51g	-4660K	£78.04	£46.82
1/2" x 20	1 1/2"	1/2"	73g	-4780K	£91.56	£54.94
9/16" x 18	1 1/2"	1/2"	74g	-4790K	£91.56	£54.94
9/16" x 18	15/16"	7/16"	49g	-4670K	£77.89	£46.73
5/8" x 18	1 1/2"	1/2"	72g	-4800K	£91.56	£54.94
5/8" x 18	2"	5/8"	146g	-4960K	£136.00	£81.60
3/4" x 16	1 1/2"	1/2"	69g	-4810K	£91.56	£54.94
3/4" x 16	2"	5/8"	165g	-4970K	£136.00	£81.60
7/8" x 14	2"	5/8"	159g	-4980K	£136.00	£81.60
1" x 12	2"	5/8"	156g	-4990K	£136.00	£81.60

**UNF (Unified Fine)
HSS Ground Thread Die Nuts**

UNF HSS

BS 1127

For use with spanners to clean and repair existing external screw threads.



UNF (Fine)

Size - Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.10 x 32	0.71"	1/4"	11g	-5260K	£77.06	£46.24
1/4" x 28	0.71"	1/4"	10g	-5280K	£54.62	£32.77
5/16" x 24	0.82"	5/16"	20g	-5310K	£64.06	£38.44
3/8" x 24	0.92"	3/8"	24g	-5330K	£73.80	£44.28
7/16" x 20	1.10"	7/16"	33g	-5350K	£113.00	£67.80
1/2" x 20	1.10"	1/2"	44g	-5370K	£89.28	£53.57
9/16" x 18	1.30"	5/8"	76g	-5390K	£111.00	£66.60
5/8" x 18	1.30"	5/8"	72g	-5400K	£111.00	£66.60
3/4" x 16	1.48"	11/16"	101g	-5430K	£136.00	£81.60
7/8" x 14	1.67"	13/16"	148g	-5450K	£155.00	£93.00
1" x 12	2.05"	15/16"	272g	-5470K	£223.00	£133.80



**UNF (Unified Fine)
HSS Ground Thread Taps**

Spiral Point/Gun Nose

UNF HSS

Spiral Flute

UNF HSS



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.4 x 48	3.15	2.50	4g	-1050F	£42.21	£21.95
No.5 x 44	3.15	2.50	3g	-1060F	£46.05	£23.95
No.6 x 40	3.55	2.80	5g	-1070E	£27.21	£14.15
No.8 x 36	4.50	3.55	7g	-1080E	£26.80	£13.94
No.10 x 32	5.00	4.00	7g	-1090E	£28.14	£14.63
No.12 x 28	5.60	4.50	11g	-1100E	£37.25	£19.37
1/4" x 28	6.30	5.00	15g	-1110E	£26.53	£13.80
5/16" x 24	8.00	6.30	23g	-1120E	£30.69	£15.96
3/8" x 24	10.00	8.00	37g	-1130E	£37.56	£19.53
7/16" x 20	8.00	6.30	33g	-1140E	£55.36	£28.79
1/2" x 20	9.00	7.10	52g	-1150E	£48.88	£25.42
9/16" x 18	11.20	9.00	71g	-1160E	£83.21	£43.27
5/8" x 18	12.50	10.00	100g	-1170E	£74.30	£38.64
3/4" x 16	14.00	11.20	156g	-1180E	£109.00	£56.68
7/8" x 14	16.00	12.50	185g	-1190E	£163.00	£84.76
1" x 12	18.00	14.00	222g	-1200E	£190.00	£98.80



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.4 x 48	3.15	2.50	4g	-1050E	£42.21	£21.95
No.5 x 44	3.15	2.50	3g	-1060E	£46.05	£23.95
No.6 x 40	3.55	2.80	5g	-1070E	£27.21	£14.15
No.8 x 36	4.50	3.55	7g	-1080E	£26.80	£13.94
No.10 x 32	5.00	4.00	7g	-1090E	£28.14	£14.63
No.12 x 28	5.60	4.50	11g	-1100E	£37.25	£19.37
1/4" x 28	6.30	5.00	15g	-1110E	£26.53	£13.80
5/16" x 24	8.00	6.30	23g	-1120E	£30.69	£15.96
3/8" x 24	10.00	8.00	37g	-1130E	£37.56	£19.53
7/16" x 20	8.00	6.30	33g	-1140E	£55.36	£28.79
1/2" x 20	9.00	7.10	52g	-1150E	£48.88	£25.42
9/16" x 18	11.20	9.00	71g	-1160E	£83.21	£43.27
5/8" x 18	12.50	10.00	100g	-1170E	£74.30	£38.64
3/4" x 16	14.00	11.20	156g	-1180E	£109.00	£56.68
7/8" x 14	16.00	12.50	185g	-1190E	£163.00	£84.76
1" x 12	18.00	14.00	222g	-1200E	£190.00	£98.80

Fluteless

UNF HSS



Size - Pitch	Overall Length	Shank Dia.	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.10 x 32	58.0	5.00	9g	-1090K	£52.30	£27.20
1/4" x 28	65.0	5.00	8g	-1110K	£49.21	£25.59

UNF Threading Set

UNF

No.10 - 3/4" UNF:

**28
PIECES**

HSSGT Straight Flute Taps:

Taper: No.10 x 32, 1/4" x 28, 5/16" x 24, 3/8" x 24.

Second: 3/4" x 16, 7/16" x 20, 5/8" x 18, 1/2" x 20.

Plug: No.10 x 32, 1/4" x 28, 5/16" x 24, 3/8" x 24.

Bar Type Tap Wrenches:

1/16" - 1/4" and 1/4" - 3/4".

Tapping Drills to Suit:

HSS S/S. 4.10, 5.50, 6.90, 8.50, 9.50, 11.50mm

HSS 1" O/D Dies:

1/4" x 28, 5/16" x 24,

3/8" x 24.

Diastock: 1" O/D.

HSS Die Nuts: 7/16" x 20,

1/2" x 20, 5/8" x 18,

3/4" x 16.



Range	Number of Pieces	Order Code SHR-086	List Price/1	Offer Price/1
10-3/4"BSF	28	-9993K	£363.00	£181.50

Straight Flute Long Series

UNF HSS



Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper			Second			Plug		
					Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1	Order Code SHR-085	List Price/1	Offer Price/1
7/16" x 20	25.0	85.0	8.00	45g	-1140G	£117.00	£60.84	-1140H	£117.00	£60.84	-1140J	£117.00	£60.84
9/16" x 18	30.0	127.0	11.20	103g	-1160G	£149.00	£77.48	-1160H	£149.00	£77.48	-	-	-
3/4" x 16	37.0	149.0	14.00	194g	-1180G	£261.00	£135.72	-	-	-	-	-	-
7/8" x 14	38.0	158.0	16.00	271g	-1190G	£352.00	£183.04	-1190H	£352.00	£183.04	-	-	-
1" x 12	45.0	172.0	18.00	374g	-1200G	£428.00	£222.56	-1200H	£428.00	£222.56	-1200J	£428.00	£222.56

Sherwood STD

Spray
400ml foam aerosol penetrates and is able to cling to normally inaccessible areas and moving cutting edges.



Lubricant Type	Size	Order Code SHR-732	List Price/1	Offer Price/1
Spray	400ml	-4000K	£20.61	£16.49

Sherwood STD Liquid (Poly Bottle)

Low odour liquid. Coats the cutting edge with a film of EP additives.

Sherwood STD Compound

Low melting point paste maintains a continual lubricant feed to the cutting edge. Hand applied. Suitable for the most severe cutting operations.



Lubricant Type	Size	Order Code SHR-732	List Price/1	Offer Price/1
Liquid	500ml	-4020K	£20.43	£16.34
Liquid	5ltr	-4060K	£171.55	£137.24
Compound	500g	-4040K	£13.66	£10.93

STD Tapping & Drilling

Non-Soluble Foam Lubricant

Foam aerosol penetrates and is able to cling to normally inaccessible areas and moving cutting edges. Can be used on yellow metals without the risk of staining.



Lubricant Type	Size	Order Code SHR-732	List Price/1	Offer Price/1
Foam	400ml	-4210K	£12.71	£10.17

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2014

GROUP 085 HSS TAPS & DIES



BSW (British Standard Whitworth) HSS Ground Thread Taps

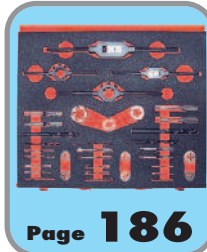
ISO 529



EXTENDED RANGE

Straight Flute Individual Sizes

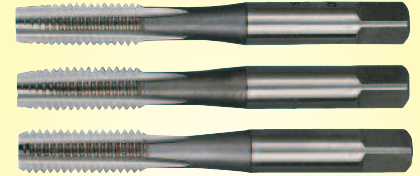
Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper			List Price/1	Offer Price/1
					Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
1/16" x 60	8.0	41.0	2.50	2g	-1300A	-1300B	-1300C	£132.00	£68.64
3/32" x 48	9.5	44.5	2.80	2g	-	-	-1310C	£74.73	£38.86
1/8" x 40	16.0	48.0	3.15	1g	-1320A	-1320B	-1320C	£27.41	£14.25
5/32" x 32	13.0	53.0	4.00	4g	-1330A	-1330B	-	£15.93	£8.28
3/16" x 24	16.0	58.0	5.00	8g	-1340A	-1340B	-1340C	£16.70	£8.68
7/32" x 24	17.0	62.0	5.60	9g	-1350A	-	-	£22.42	£11.66
1/4" x 20	19.0	66.0	6.30	14g	-1360A	-1360B	-1360C	£15.75	£8.19
5/16" x 18	22.0	72.0	8.00	23g	-1370A	-1370B	-1370C	£18.18	£9.45
3/8" x 16	24.0	80.0	10.00	38g	-1380A	-1380B	-1380C	£22.28	£11.59
7/16" x 14	25.0	85.0	8.00	37g	-1390A	-1390B	-1390C	£32.81	£17.06
1/2" x 12	29.0	89.0	9.00	49g	-1400A	-1400B	-1400C	£28.98	£15.07
9/16" x 12	30.0	95.0	11.20	67g	-1410A	-1410B	-1410C	£49.31	£25.64
5/8" x 11	32.0	102.0	12.50	98g	-1420A	-1420B	-1420C	£44.10	£22.93
3/4" x 10	37.0	112.0	14.00	143g	-1430A	-1430B	-1430C	£64.17	£33.37
7/8" x 9	38.0	118.0	16.00	195g	-1440A	-1440B	-1440C	£98.03	£50.98
1" x 8	45.0	130.0	18.00	269g	-1450A	-1450B	-1450C	£112.00	£58.24
1 1/8" x 7	51.0	151.0	22.40	473g	-1460A	-1460B	-	£226.00	£117.52
1 1/4" x 7	51.0	151.0	22.40	473g	-1470A	-	-1470C	£305.00	£158.60
1 1/2" x 6	60.0	170.0	28.00	865g	-1480A	-1480B	-1480C	£422.00	£219.44



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Sets of Three
1 each, taper,
second and plug lead.

BSW HSS



Order Code SHR-085	Set of 3	
	List Price/1	Offer Price/1
-	-	-
-1320D	£82.17	£42.73
-1330D	£47.79	£24.85
-1340D	£50.13	£26.07
-1360D	£47.16	£24.52
-1370D	£54.54	£28.36
-1380D	£66.87	£34.77
-1390D	£98.10	£51.01
-1400D	£86.94	£45.21
-1420D	£133.00	£69.16
-1430D	£193.00	£100.36
-1440D	£295.00	£153.40
-1450D	£336.00	£174.72
-	-	-
-1470D	£914.00	£475.28

BSW (British Standard Whitworth) HSS Ground Thread Taps

BSW HSS

ISO 529

Spiral Point/
Gun Nose



Size - Pitch	Shank Dia.	A/F Square	Weight each	Taper		
				Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 40	3.15	2.50	3g	-1320E	£43.12	£22.42
5/32" - 32	4.00	3.15	3g	-1330E	£25.05	£13.03
3/16" x 24	5.00	4.00	8g	-1340E	£26.30	£13.68
1/4" x 20	6.30	5.00	15g	-1360E	£24.79	£12.89
5/16" x 18	8.00	6.30	23g	-1370E	£28.68	£14.91
3/8" x 16	10.00	8.00	38g	-1380E	£35.10	£18.25
7/16" x 14	8.00	6.30	25g	-1390E	£51.74	£26.90
1/2" x 12	9.00	7.10	49g	-1400E	£45.68	£23.75
9/16" x 12	11.20	9.00	50g	-1410E	£84.05	£43.71
5/8" x 11	12.50	10.00	62g	-1420E	£74.30	£38.64
3/4" x 10	14.00	11.20	85g	-1430E	£109.00	£56.68
7/8" x 9	16.00	12.50	113g	-1440E	£196.00	£101.92
1" x 8	18.00	14.00	221g	-1450E	£190.00	£98.80

Spiral Flute



BSW HSS

Size - Pitch	Shank Dia.	A/F Square	Weight each	Taper		
				Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 40	3.15	2.50	2g	-1320F	£52.75	£27.43
3/16" x 24	5.00	4.00	6g	-1340F	£32.29	£16.79
1/4" x 20	6.30	5.00	14g	-1360F	£30.33	£15.77
5/16" x 18	8.00	6.30	26g	-1370F	£35.10	£18.25
3/8" x 16	10.00	8.00	37g	-1380F	£42.86	£22.29
7/16" x 14	8.00	6.30	21g	-1390F	£53.95	£28.05
1/2" x 12	9.00	7.10	46g	-1400F	£55.82	£29.03
5/8" x 11	12.50	10.00	60g	-1420F	£94.22	£48.99
3/4" x 10	14.00	11.20	75g	-1430F	£133.00	£69.16
7/8" x 9	16.00	15.50	107g	-1440F	£169.00	£87.88

BSW Straight Flute Long Series Taps



Size - Pitch	Overall Length	Shank Diameter	Taper			List Price/1	Offer Price/1
			Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
3/8" - 16	108	7.0	-1380G	-1380H	-1380J	£68.30	£35.52

Fluteless



BSW HSS

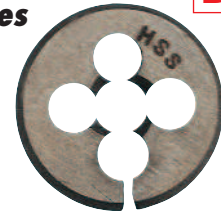
Size - Pitch	Shank Dia.	Weight each	Taper		
			Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 40	3.15	13g	-1320K	£61.25	£31.85
1/4" x 20	6.30	14g	-1360K	£64.09	£33.33

BSW (British Standard Whitworth) HSS Ground Thread Dies

BSW HSS

BS 1127

For use in diestocks to produce
external screw threads.



Size - Pitch	Outside Diameter	Thickness	Weight each	Taper		
				Order Code SHR-086	List Price/1	Offer Price/1
1/8" x 40	13/16"	1/4"	13g	-5600K	£58.41	£35.05
5/32" x 32	13/16"	1/4"	13g	-5610K	£72.52	£43.51
3/16" x 24	13/16"	1/4"	12g	-5620K	£58.41	£35.05
7/32" x 24	13/16"	1/4"	12g	-5630K	£58.29	£34.97
1/4" x 20	13/16"	1/4"	12g	-5640K	£46.63	£27.98
1/4" x 20	1"	3/8"	27g	-5730K	£54.75	£32.85
5/16" x 18	1"	3/8"	27g	-5740K	£54.75	£32.85
5/16" x 18	1 5/16"	7/16"	61g	-5800K	£98.20	£58.92
3/8" x 16	1"	3/8"	26g	-5750K	£54.75	£32.85
3/8" x 16	1 5/16"	7/16"	54g	-5810K	£80.56	£48.34
3/8" x 16	1 1/2"	1/2"	32g	-5920K	£123.00	£73.80
7/16" x 14	1 5/16"	7/16"	53g	-5820K	£80.70	£48.42
1/2" x 12	1 5/16"	7/16"	53g	-5830K	£80.70	£48.42
1/2" x 12	1 1/2"	1/2"	52g	-5940K	£94.67	£56.80
5/8" x 11	1 1/2"	1/2"	71g	-5960K	£94.67	£56.80
5/8" x 11	2"	5/8"	206g	-6100K	£140.00	£84.00
3/4" x 10	1 1/2"	1/2"	66g	-5980K	£123.00	£73.80
3/4" x 10	2"	5/8"	158g	-6120K	£140.00	£84.00
7/8" x 9	2"	5/8"	135g	-6140K	£176.00	£105.60
1" x 8	2"	5/8"	140g	-6160K	£176.00	£105.60
1 1/4" x 7	3"	7/8"	530g	-6310K	£303.00	£181.80

BSW (British Standard Whitworth) HSS Ground Thread Die Nuts

BSW HSS

BS 1127

For use with spanners to clean
and repair existing external
screw threads.



Size - Pitch	Width	Thickness	Weight each	Taper		
				Order Code SHR-086	List Price/1	Offer Price/1
1/8" x 40	0.71"	1/4"	13g	-6450K	£85.11	£51.07
3/16" x 24	0.71"	1/4"	11g	-6470K	£84.99	£50.99
1/4" x 20	0.71"	1/4"	10g	-6490K	£56.73	£34.04
5/16" x 18	0.82"	5/16"	16g	-6570K	£66.62	£39.97
3/8" x 16	0.92"	3/8"	25g	-6590K	£76.80	£46.08
7/16" x 14	1.01"	7/16"	35g	-6610K	£106.00	£63.60
1/2" x 12	1.10"	1/2"	44g	-6630K	£93.46	£56.08
9/16" x 12	1.30"	5/8"	75g	-6650K	£87.21	£52.33
5/8" x 11	1.30"	5/8"	78g	-6660K	£116.00	£69.60
3/4" x 10	1.48"	1 1/16"	102g	-6700K	£142.00	£85.20
7/8" x 9	1.67"	1 3/16"	144g	-6740K	£162.00	£97.20
1" x 8	2.05"	1 5/16"	265g	-6780K	£233.00	£139.80

HSS TAPS & DIES



BSF (British Standard Fine) HSS Ground Thread Taps

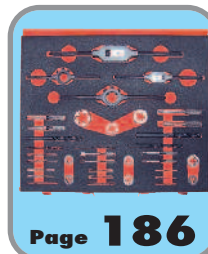
ISO 529



EXTENDED RANGE

Straight Flute Individual Sizes

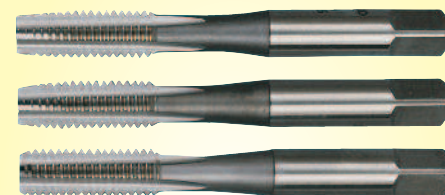
Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper Order Code SHR-085	Second Order Code SHR-085	Plug Order Code SHR-085	List Price/1	Offer Price/1
3/16" x 32	16.0	58.0	5.0	8g	-1600A	-1600B	-1600C	£19.15	£9.96
1/4" x 26	19.0	66.0	6.3	14g	-1610A	-1610B	-1610C	£17.78	£9.25
5/16" x 22	22.0	72.0	8.0	23g	-1630A	-1630B	-1630C	£20.57	£10.70
3/8" x 20	24.0	80.0	10.0	38g	-1640A	-1640B	-1640C	£25.11	£13.06
7/16" x 18	25.0	85.0	8.0	24g	-1650A	-1650B	-1650C	£37.04	£19.26
1/2" x 16	29.0	89.0	9.0	30g	-1660A	-1660B	-1660C	£32.76	£17.04
9/16" x 16	30.0	95.0	11.2	76g	-1670A	-	-1670C	£55.89	£29.06
5/8" x 14	32.0	102.0	12.5	60g	-	-1680B	-1680C	£49.86	£25.93
3/4" x 12	37.0	112.0	14.0	85g	-1690A	-1690B	-1690C	£72.54	£37.72
13/16" x 12	37.0	112.0	14.0	96g	-	-1695B	-	£199.00	£103.48
7/8" x 11	38.0	118.0	16.0	187g	-1700A	-1700B	-1700C	£110.00	£57.20
1" x 10	45.0	130.0	18.0	266g	-1710A	-1710B	-1710C	£126.00	£65.52
1 1/4" x 9	51.0	151.0	22.4	300g	-	-1730B	-1730C	£357.00	£185.64
1 1/2" x 8	60.0	170.0	28.0	402g	-	-1740B	-1740C	£482.00	£250.64
1 3/4" x 7	67.0	187.0	31.5	603g	-1750A	-1750B	-1750C	£766.00	£398.32
2" x 7	70.0	200.0	35.5	710g	-1760A	-	-	£855.00	£444.60



Sets of Three

1 each, taper, second and plug lead.

BSF HSS



Square AF	Weight per set	Set of 3 Order Code SHR-085	List Price/1	Offer Price/1
4.0	26g	-1600D	£57.49	£29.89
5.0	48g	-1610D	£53.37	£27.75
6.3	79g	-1630D	£61.74	£32.10
8.0	122g	-1640D	£75.42	£39.22
6.3	126g	-1650D	£111.00	£57.72
7.1	182g	-1660D	£98.10	£51.01
9.0	227g	-1670D	£168.00	£87.36
10.0	294g	-1680D	£150.00	£78.00
11.2	427g	-1690D	£218.00	£113.36
11.2	501g	-1695D	£622.00	£323.44
12.5	598g	-1700D	£329.00	£171.08
14.0	-	-1710D	£385.00	£200.20
18.0	-	-1730D	£1069.00	£555.88
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

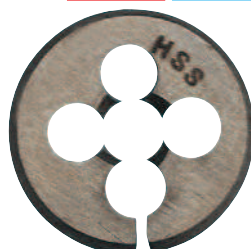
BSF (British Standard Fine) HSS Ground Thread Dies

BS 1127

For use in diestocks to produce external screw threads.



BSF HSS



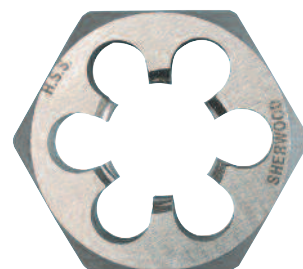
Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
3/16" x 32	13/16"	1/4"	12g	-6950K	£67.07	£40.24
1/4" x 26	13/16"	1/4"	12g	-6980K	£48.37	£29.02
1/4" x 26	1"	3/8"	27g	-7020K	£56.97	£34.18
5/16" x 22	1"	3/8"	27g	-7030K	£56.97	£34.18
5/16" x 22	1 1/16"	7/16"	67g	-7090K	£114.00	£68.40
3/8" x 20	1"	3/8"	26g	-7040K	£56.97	£34.18
3/8" x 20	1 5/16"	7/16"	51g	-7100K	£84.09	£50.45
7/16" x 18	1 5/16"	7/16"	56g	-7110K	£83.80	£50.28
7/16" x 18	1 1/2"	1/2"	79g	-7220K	£140.00	£84.00
1/2" x 16	1 5/16"	7/16"	54g	-7120K	£83.80	£50.28
1/2" x 16	1 1/2"	1/2"	54g	-7230K	£140.00	£84.00
9/16" x 16	1 5/16"	7/16"	51g	-7130K	£84.98	£50.99
5/8" x 14	1 1/2"	1/2"	73g	-7250K	£98.68	£59.21
3/4" x 12	1 1/2"	1/2"	67g	-7270K	£105.00	£63.00
1/2" x 16	2"	5/8"	51g	-7360K	£186.00	£111.60
3/4" x 12	2"	5/8"	160g	-7400K	£145.00	£87.00
1" x 10	2"	5/8"	148g	-7420K	£203.00	£121.80

BSF (British Standard Fine) HSS Ground Thread Die Nuts

BS 1127

For use with spanners to clean and repair existing external screw threads.

BSF HSS



Size - Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
3/16" x 32	0.71"	1/4"	10g	-7700K	£111.00	£66.60
1/4" x 26	0.71"	1/4"	10g	-7720K	£55.48	£33.29
5/16" x 22	0.82"	5/16"	17g	-7760K	£65.68	£39.41
3/8" x 20	0.92"	3/8"	24g	-7780K	£75.18	£45.11
7/16" x 18	1.01"	7/16"	34g	-7800K	£114.00	£68.40
1/2" x 16	1.10"	1/2"	48g	-7820K	£91.28	£54.77
9/16" x 16	1.30"	5/8"	73g	-7840K	£84.98	£50.99
5/8" x 14	1.30"	5/8"	78g	-7850K	£114.00	£68.40
3/4" x 12	1.48"	1 1/16"	108g	-7890K	£140.00	£84.00
7/8" x 11	1.67"	1 3/16"	149g	-7920K	£160.00	£96.00
1" x 10	2.05"	1 5/16"	274g	-7940K	£230.00	£138.00
1 1/4" x 9	2.22"	1 1/2"	324g	-7970K	£318.00	£190.80
1 1/2" x 8	2.76"	1 1/4"	570g	-7990K	£348.00	£208.80

BSF (British Standard Fine) HSS Ground Thread Taps

ISO 529

Spiral Point/Gun Nose



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
3/16" x 32	5.0	4.0	8g	-1600E	£31.94	£16.61
1/4" x 26	6.3	5.0	15g	-1610E	£29.98	£15.59
5/16" x 22	8.0	6.3	23g	-1630E	£34.79	£18.09
3/8" x 20	10.0	8.0	40g	-1640E	£42.38	£22.04
7/16" x 18	8.0	6.3	35g	-1650E	£62.50	£32.50
1/2" x 16	9.0	7.1	54g	-1660E	£55.18	£28.69
9/16" x 16	11.2	9.0	70g	-1670E	£65.93	£34.28
5/8" x 14	12.5	10.0	100g	-1680E	£101.00	£52.52
3/4" x 12	14.0	11.2	143g	-1690E	£156.00	£81.12
7/8" x 11	16.0	12.5	603g	-1700E	£164.00	£85.28
1" x 10	18.0	14.0	-	-1710E	£255.00	£132.60

BSF (British Standard Fine) HSS Ground Thread Taps

ISO 529

Spiral Flute



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
3/16" x 32	5.0	4.0	8g	-1600F	£39.01	£20.29
1/4" x 26	6.3	5.0	15g	-1610F	£36.71	£19.09
5/16" x 22	8.0	6.3	23g	-1630F	£42.50	£22.10
3/8" x 20	10.0	8.0	40g	-1640F	£51.84	£26.96
7/16" x 18	8.0	6.3	40g	-1650F	£76.40	£39.73
1/2" x 16	9.0	7.1	50g	-1660F	£67.45	£35.07
5/8" x 14	12.5	10.0	99g	-1680F	£128.00	£66.56
3/4" x 12	14.0	11.2	120g	-1690F	£190.00	£98.80

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2014



CUTTING TOOLS

BSW Threading Set

3/16" - 3/4" BSW:

HSSGT Straight Flute Taps:

Taper: 3/16" x 24, 1/4" x 20, 5/16" x 18, 3/8" x 16.

Second: 7/16" x 14, 1/2" x 12, 5/8" x 11, 3/4" x 10.

Plug: 3/8" x 16, 5/16" x 18, 1/4" x 20, 3/16" x 24.

Bar Type Tap Wrenches: 1/4" - 3/4" and 1/16" - 1/4".

Tapping Drills to Suit: HSS S/S. 3.70, 5.10, 6.50, 7.90, 9.30, 10.50mm

HSS 1" O/D Dies: 1/4" x 2, 5/16" x 18 and 3/8" x 16.

Diestock: 1" O/D.

HSS Die Nuts: 7/16" x 14, 1/2" x 12, 5/8" x 11 and 3/4" x 10.

BSW

BSF Threading Set

3/16" - 3/4" BSF:

HSSGT Straight Flute Taps:

Taper: 3/16" x 32, 1/4" x 26, 5/16" x 22, 3/8" x 20.

Second: 3/4" x 12, 7/16" x 18, 5/8" x 14, 1/2" x 16.

Plug: 3/16" x 32, 1/4" x 26, 5/16" x 22, 3/8" x 20.

Bar Type Tap Wrenches: 1/16" - 1/4" and 1/4" - 3/4".

Tapping Drills to Suit: HSS S/S. 4.00, 5.30, 6.80, 8.30, 9.70, 11.10mm

HSS 1" O/D Split Dies: 1/4" x 26, 5/16" x 22 and 3/8" x 20.

Diestock: 1" O/D.

HSS Die Nuts: 7/16" x 18, 1/2" x 16, 5/8" x 14 and 3/4" x 12.

Range	Number of Pieces	Order Code	List Price/1	Offer Price/1
3/16 - 3/4" BSW	28	-9992K	£363.00	£181.50
3/16 - 3/4" BSF	28	-9991K	£363.00	£181.50



BSPT (British Standard Pipe Taper) HSS Ground Thread Taps

ISO 529
Straight Flute

BSPT HSS



Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Taper	Second	Plug	List Price/1	Offer Price/1
					Order Code	Order Code	Order Code		
1/8" x 28	15.0	8.0	59.0	29g	-2200A	-2200B	-2200C	£40.83	£21.23
1/4" x 19	19.0	10.0	67.0	50g	-	-	-2210C	£47.61	£24.76
3/8" x 19	21.0	12.5	75.0	66g	-	-	-2220C	£70.83	£36.83
1/2" x 14	26.0	16.0	87.0	142g	-	-	-2230C	£99.90	£51.95
3/4" x 14	28.0	20.0	96.0	241g	-	-	-2240C	£150.00	£78.00
1" x 11	33.0	25.0	109.0	267g	-	-	-2250C	£250.00	£130.00

BSPT (British Standard Pipe Taper) HSS Ground Thread Dies

ISO 2284

For use in diestocks to produce external screw threads.

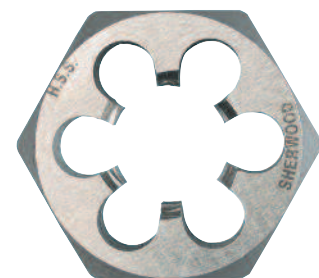
BSPT HSS

BSPT (British Standard Pipe Taper) HSS Ground Thread Die Nuts

BS 1127

For use with spanners to clean and repair existing external screw threads.

BSPT HSS



Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code	List Price/1	Offer Price/1
1/8" x 28	1"	3/8"	26g	-9150K	£151.00	£90.60
1/8" x 28	1 5/16"	7/16"	37g	-9160K	£206.00	£123.60
1/8" x 28	1 1/2"	1/2"	75g	-9180K	£246.00	£147.60
1/4" x 19	1 5/16"	7/16"	62g	-9170K	£206.00	£123.60
1/4" x 19	1 1/2"	1/2"	83g	-9190K	£246.00	£147.60
3/8" x 19	1 1/2"	1/2"	75g	-9200K	£247.00	£148.20
1/2" x 14	2"	5/8"	175g	-9230K	£301.00	£180.60
3/4" x 14	2"	5/8"	173g	-9240K	£301.00	£180.60

Size - Pitch	Width	Thickness	Weight each	Order Code	List Price/1	Offer Price/1
1/8" x 28	0.92"	3/8"	40g	-9300K	£113.00	£67.80
1/4" x 19	1.10"	1/2"	43g	-9310K	£155.00	£93.00
3/8" x 19	1.30"	5/8"	80g	-9320K	£186.00	£111.60
1/2" x 14	1.67"	1 3/16"	142g	-9330K	£226.00	£135.60

HSS TAPS & DIES



**BSP(F) (British Standard Pipe Fittings)
HSS Ground Thread Taps**

ISO 529



Straight Flute Individual Sizes

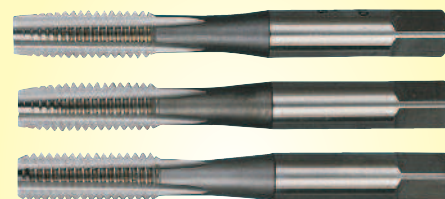
Size - Pitch	Thread Length	Overall Length	Shank Diameter	Weight each	Taper			List Price/1	Offer Price/1
					Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
1/8" x 28	15.0	59.0	8.0	26g	-2010A	-2010B	-2010C	£19.71	£10.25
1/4" x 19	19.0	67.0	10.0	47g	-2020A	-2020B	-2020C	£26.37	£13.71
3/8" x 19	21.0	75.0	12.5	75g	-2030A	-2030B	-2030C	£39.11	£20.34
1/2" x 14	26.0	87.0	16.0	137g	-2040A	-2040B	-2040C	£55.44	£28.83
5/8" x 14	26.0	91.0	18.0	191g	-2050A	-2050B	-2050C	£87.84	£45.68
3/4" x 14	28.0	96.0	20.0	228g	-2060A	-2060B	-2060C	£82.44	£42.87
7/8" x 14	29.0	102.0	22.4	228g	-2070A	-2070B	-	£147.00	£76.44
1" x 11	33.0	109.0	25.0	446g	-2080A	-2080B	-2080C	£138.00	£71.76
1 1/4" x 11	36.0	119.0	31.5	775g	-2090A	-2090B	-2090C	£246.00	£127.92
1 1/2" x 11	37.0	125.0	35.5	1024g	-2100A	-2100B	-2100C	£312.00	£162.24
1 3/4" x 11	39.0	132.0	35.5	1200g	-2110A	-	-	£520.00	£270.40

Sets of Three

1 each, taper, second and plug lead.



BSP HSS



Order Code SHR-085	Set of 3	
	List Price/1	Offer Price/1
-2010D	£56.45	£29.35
-2020D	£78.01	£40.57
-2030D	£119.00	£61.88
-2040D	£163.00	£84.76
-2050D	£264.00	£137.28
-2060D	£248.00	£128.96
-	-	-
-2080D	£414.00	£215.28
-2090D	£738.00	£383.76
-2100D	£935.00	£486.20
-	-	-

**BSP(F) (British Standard Pipe Fittings)
HSS Ground Thread Taps**

ISO 529

Spiral Point/Gun Nose

BSP HSS



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 28	8.0	6.3	24g	-2010E	£45.45	£23.63
1/4" x 19	10.0	8.0	51g	-2020E	£57.16	£29.72
3/8" x 19	12.5	10.0	85g	-2030E	£95.49	£49.65
1/2" x 14	16.0	12.5	143g	-2040E	£132.00	£68.64
3/4" x 14	20.0	16.0	250g	-2060E	£157.00	£81.64

**BSP(F) (British Standard Pipe Fittings)
HSS Ground Thread Taps**

ISO 529

Spiral Flute

BSP HSS



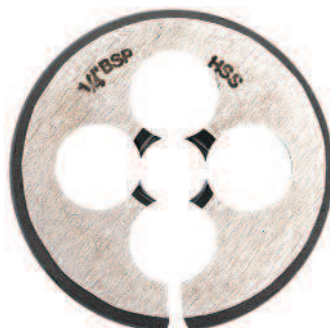
Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 28	8.0	6.3	24g	-2010F	£48.37	£25.15
1/4" x 19	10.0	8.0	51g	-2020F	£60.75	£31.59
3/8" x 19	12.5	10.0	85g	-2030F	£98.59	£51.27
1/2" x 14	16.0	12.5	143g	-2040F	£135.00	£70.20
5/8" x 14	18.0	14.0	193g	-2050F	£94.80	£49.30
3/4" x 14	20.0	16.0	250g	-2060F	£224.00	£116.48

**BSP(F) (British Standard Pipe Fittings)
HSS Ground Thread Dies**

BS 1127

For use in diestocks to produce external screw threads.

BSP HSS



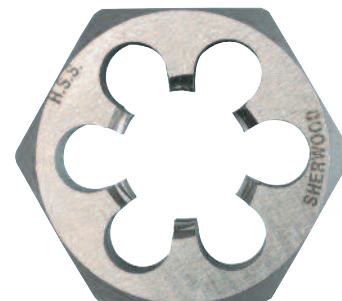
Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
1/8" x 28	1"	3/8"	26g	-8620K	£51.90	£31.14
1/8" x 28	1 5/16"	7/16"	50g	-8640K	£90.30	£54.18
1/8" x 28	1 1/2"	1/2"	58g	-8680K	£106.00	£63.60
1/4" x 19	1 5/16"	7/16"	50g	-8650K	£76.40	£45.84
1/4" x 19	1 1/2"	1/2"	76g	-8690K	£106.00	£63.60
3/8" x 19	1 1/2"	1/2"	75g	-8700K	£89.20	£53.52
3/8" x 19	2"	5/8"	71g	-8750K	£159.00	£95.40
1/2" x 14	2"	5/8"	158g	-8760K	£132.00	£79.20
5/8" x 14	2"	5/8"	144g	-8770K	£167.00	£100.20
3/4" x 14	2"	5/8"	144g	-8780K	£167.00	£100.20
1" x 11	2 1/4"	1 1/16"	174g	-8860K	£230.00	£138.00

**BSP(F) (British Standard Pipe Fittings)
HSS Ground Thread Die Nuts**

BS 1127

For use with spanners to clean and repair existing external screw threads.

BSP HSS



Size - Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
1/8" x 28	0.92"	3/8"	23g	-8940K	£78.49	£47.09
1/4" x 19	1.10"	1/2"	43g	-8960K	£94.98	£56.99
3/8" x 19	1.30"	5/8"	80g	-8980K	£118.00	£70.80
1/2" x 14	1.67"	13/16"	161g	-9000K	£165.00	£99.00
5/8" x 14	1.67"	13/16"	142g	-9010K	£165.00	£99.00
3/4" x 14	2.05"	1 5/16"	247g	-9040K	£312.00	£187.20
1" x 11	2.58"	1 1/8"	428g	-9080K	£494.00	£296.40
1 1/4" x 11	2.76"	1 1/4"	619g	-9100K	£524.00	£314.40

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2014

CUTTING TOOLS



**BA (British Association)
HSS Ground Thread Taps**

ISO 529



ISO 529 - 1975 (E)

Nominal Dia. of Tap		Maximum Deviation on Thread Length	
Over	Including		
-	5.5mm	+ 0.0	- 2.5
5.5mm	12.0mm	+ 0.0	- 3.2
12.0mm	39.0mm	+ 0.0	- 5.0
39.0mm	-	+ 0.0	- 6.5



Straight Flute Individual Sizes

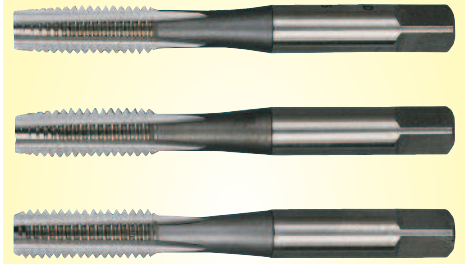
Size - Pitch	Shank Diameter	Weight each	Taper	Second	Plug	List Price/1	Offer Price/1
			Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
No.0 x 0.0394	6.30	14g	-1800A	-1800B	-1800C	£15.53	£8.08
No.1 x 0.0354	5.60	10g	-1810A	-1810B	-1810C	£24.44	£12.71
No.2 x 0.0319	5.00	8g	-1820A	-1820B	-1820C	£11.48	£5.97
No.3 x 0.0287	4.50	7g	-1830A	-1830B	-1830C	£23.90	£12.43
No.4 x 0.0260	3.55	4g	-1840A	-1840B	-1840C	£11.75	£6.11
No.5 x 0.0232	3.15	4g	-1850A	-1850B	-1850C	£18.23	£9.48
No.6 x 0.0209	2.80	3g	-1860A	-1860B	-1860C	£12.87	£6.69
No.7 x 0.0189	2.80	4g	-	-	-1870C	£35.12	£18.26
No.8 x 0.0169	2.80	3g	-1880A	-1880B	-1880C	£23.40	£12.17
No.9 x 0.0154	2.50	-	-	-	-1890C	£80.75	£41.99
No.10 x 0.0138	2.50	3g	-1900A	-	-1900C	£50.13	£26.07
No.12 x 0.0110	2.50	3g	-1920A	-	-1920C	£72.56	£37.73

Sets of Three

1 each, taper, second and plug lead.



BA HSS



Weight per set	Order Code SHR-085	List Price/1	Offer Price/1
48g	-1800D	£46.62	£24.24
34g	-1810D	£73.41	£38.17
27g	-1820D	£34.88	£18.14
23g	-1830D	£71.73	£37.30
18g	-1840D	£35.19	£18.30
15g	-1850D	£54.63	£28.41
15g	-1860D	£38.61	£20.08
16g	-1870D	£106.00	£55.12
19g	-1880D	£70.29	£36.55
12g	-1900D	£151.00	£78.52
14g	-1920D	£219.00	£113.88

Spiral Point/Gun Nose

BA HSS

**BA (British Association)
HSS Ground Thread Dies**

BA HSS

BS 1127

For use in diestocks to produce external screw threads.



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.0 x 0.0394	6.30	5.00	15g	-1800E	£23.89	£12.42
No.1 x 0.0354	5.60	4.50	11g	-1810E	£37.16	£19.32
No.2 x 0.0319	5.00	4.00	9g	-1820E	£19.30	£10.04
No.4 x 0.0260	3.55	2.80	4g	-1840E	£19.75	£10.27
No.5 x 0.0232	3.15	2.50	4g	-1850E	£36.70	£19.08
No.6 x 0.0209	2.80	2.24	3g	-1860E	£21.77	£11.32
No.8 x 0.0169	2.80	2.24	3g	-1880E	£39.44	£20.51
No.10 x 0.0138	2.50	2.00	8g	-1900E	£84.49	£43.93



Spiral Flute

BA HSS

Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.11	13/16"	1/4"	11g	-8150K	£143.00	£85.80
No.10	13/16"	1/4"	11g	-8160K	£102.00	£61.20
No.8	13/16"	1/4"	10g	-8180K	£74.57	£44.74
No.6	13/16"	1/4"	11g	-8200K	£59.27	£35.56
No.5	13/16"	1/4"	10g	-8210K	£82.33	£49.40
No.4	13/16"	1/4"	12g	-8220K	£59.27	£35.56
No.3	13/16"	1/4"	12g	-8230K	£74.79	£44.87
No.2	13/16"	1/4"	12g	-8240K	£59.27	£35.56
No.1	13/16"	1/4"	13g	-8250K	£74.79	£44.87
No.0	13/16"	1/4"	11g	-8260K	£59.58	£35.75



Size - Pitch	Shank Dia.	A/F Square	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.0 x 0.0394	6.30	5.00	14g	-1800F	£30.54	£15.88
No.1 x 0.0354	5.60	4.50	6g	-1810F	£31.40	£16.33
No.2 x 0.0319	5.00	4.00	6g	-1820F	£23.63	£12.29
No.3 x 0.0287	4.50	3.55	5g	-1830F	£37.16	£19.32
No.4 x 0.0260	3.55	2.80	4g	-1840F	£24.12	£12.54
No.5 x 0.0232	3.15	2.50	4g	-1850F	£46.66	£24.26
No.6 x 0.0209	2.80	2.24	3g	-1860F	£26.53	£13.80
No.8 x 0.0169	2.80	2.24	3g	-1880F	£48.29	£25.11
No.10 x 0.0138	2.50	2.00	3g	-1900F	£104.00	£54.08

**BA (British Association)
HSS Ground Thread Die Nuts**

BA HSS

BS 1127

For use with spanners to clean and repair existing external screw threads.

Fluteless

BA HSS



Size - Pitch	Shank	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
No.6 x 0.0209	2.80	3g	-1860K	£71.23	£37.04

Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
No.6	0.71"	1/4"	11g	-8540K	£79.44	£47.66
No.4	0.71"	1/4"	11g	-8560K	£79.44	£47.66



NPT (National Pipe Taper) HSS Ground Thread Taps

ANSI 94.9
Straight Flute

EXTENDED RANGE

Left Hand Also Available



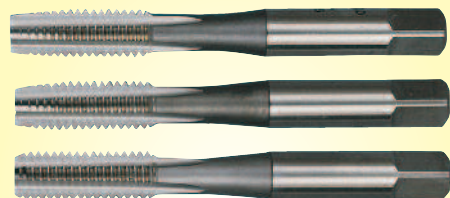
Straight Flute Individual Sizes

Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Taper	Second	Plug	List Price/1	Offer Price/1
					Order Code SHR-085	Order Code SHR-085	Order Code SHR-085		
1/16" x 27	1 1/16"	0.312	2 1/8"	20g	-	-	-3010C	£37.04	£19.26
1/8" x 27	3/4"	0.437	2 1/8"	50g	-	-	-3020C	£32.31	£16.80
1/4" x 18	1 1/16"	0.562	2 7/16"	70g	-	-	-3030C	£43.11	£22.42
3/8" x 18	1 1/16"	0.700	2 9/16"	100g	-3040A	-	-3040C	£64.17	£33.37
1/2" x 14	1 3/8"	0.687	3 1/8"	180g	-	-	-3050C	£90.90	£47.27
3/4" x 14	1 3/8"	0.906	3 1/4"	230g	-	-	-3060C	£135.00	£70.20
1" x 11.5	1 3/4"	1.125	3 3/4"	420g	-3070A	-	-3070C	£226.00	£117.52
1 1/4" x 11.5	1 3/4"	1.312	4"	668g	-3080A	-3080B	-3080C	-	£240.24
1 1/2" x 11.5	1 3/4"	1.500	4 1/2"	420g	-	-	-3090C	£214.34	£111.46

HSS TAPS & DIES

Sets of Three
1 each, taper,
second and plug lead.

NPT HSS



R = With Reamer
NR = Without Reamer

Square AF	Tap Drill Size R	Size NR	Set of 3	
			Order Code SHR-085	Offer Price/1
-	-	-	-	-
0.421	10.70	11.10	-3030D	£67.60
0.531	14.25	14.50	-3040D	£100.36
-	-	-	-	-
0.843	28.50	29.00	-3070D	£187.57
-	-	-	-	-

NPS (National Pipe Standard) HSS Ground Thread Taps

NPS HSS

ANSI 94.9
Straight Flute

NEW



Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 27	3/4"	0.437	2 1/8"	50g	-2800C	£45.94	£23.89

NPTF (National Pipe Taper Fuel) HSS Ground Thread Taps

ANSI 94.9
Straight Flute

NPTF HSS



Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/16" x 27	1 1/16"	0.312	2 1/8"	20g	-3400C	£54.42	£28.30
1/8" x 27	3/4"	0.437	2 1/8"	50g	-3410C	£66.10	£34.37
1/4" x 18	1 1/16"	0.562	2 7/16"	91g	-3420C	£62.07	£32.28
3/8" x 18	1 1/16"	0.700	2 9/16"	105g	-3430C	£94.08	£48.92
1/2" x 14	1 3/8"	0.687	3 1/8"	205g	-3440C	£134.00	£69.68

NPSF (National Pipe Standard Fuel) HSS Ground Thread Taps

NPSF HSS

ANSI 94.9
Straight Flute

EXTENDED RANGE



Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 27	3/4"	0.437	2 1/8"	45g	-2910C	£54.75	£28.47
1/2" x 14	1 3/8"	0.687	3 1/8"	-	-2940C	£77.84	£40.48
3/4" x 14	1 3/8"	0.906	3 1/4"	-	-2950C	£101.25	£52.65
1" x 11.5	1 3/4"	1.125	3 3/4"	-	-2960C	£181.83	£94.55

Straight Flute Interrupted Thread
For reduced tapping friction.

INTERRUPTED HSS

Size - Pitch	Thread Length	Shank Diameter	Overall Length	Weight each	Order Code SHR-085	List Price/1	Offer Price/1
1/8" x 27	3/4"	0.437	2 1/8"	50g	-3210C	£53.91	£28.03
1/4" x 18	1 1/16"	0.562	2 7/16"	70g	-3220C	£71.91	£37.39
3/8" x 18	1 1/16"	0.700	2 9/16"	100g	-3230C	£108.00	£56.16
1/2" x 14	1 3/8"	0.687	3 1/8"	180g	-3240C	£152.00	£79.04

NPT (National Pipe Taper) HSS Ground Thread Die Nuts

NPT HSS

For use with spanners to clean and repair existing external screw threads.

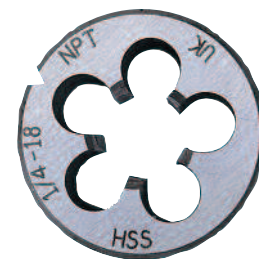


Size - Pitch	Width	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
1/4" x 18	1.10"	1/2"	51g	-9580K	£157.00	£94.20
3/8" x 18	1.50"	5/8"	67g	-9590K	£189.00	£113.40
1/2" x 14	1.67"	13/16"	147g	-9600K	£230.00	£138.00
3/4" x 14	2.05"	15/16"	225g	-9610K	£322.00	£193.20
1" x 11.5	2.58"	1 1/8"	378g	-9620K	£440.00	£264.00

NPT (National Pipe Taper) HSS Ground Thread Dies

NPT HSS

For use in diestocks to produce external screw threads.



Size - Pitch	Outside Diameter	Thickness	Weight each	Order Code SHR-086	List Price/1	Offer Price/1
1/8" x 27	1"	3/8"	22g	-9390K	£153.00	£91.80
1/8" x 27	1 5/16"	7/16"	44g	-9400K	£159.00	£95.40
1/8" x 27	1 1/2"	1/2"	55g	-9420K	£209.00	£125.40
1/4" x 18	1 5/16"	7/16"	69g	-9410K	£209.00	£125.40
1/4" x 18	1 1/2"	1/2"	88g	-9430K	£250.00	£150.00
3/8" x 18	1 1/2"	1/2"	80g	-9440K	£250.00	£150.00
1/2" x 14	2"	5/8"	159g	-9470K	£304.00	£182.40
3/4" x 14	2"	5/8"	189g	-9480K	£304.00	£182.40

GROUP 085 HSS TAPS & DIES

SHERWOOD QUALITY CUTTING TOOLS Metric Coarse Left Hand Straight Flute Ground Thread Taps

ISO 529



Straight Flute Individual Sizes

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Weight each	Taper			List Price/1	Offer Price/1
					Order Code SHR-087	Order Code SHR-087	Order Code SHR-087		
M3.0 x 0.50	11.0	48.0	3.15	4g	-0230L	-0230M	-0230N	£26.12	£16.98
M4.0 x 0.70	13.0	53.0	4.00	6g	-0280L	-0280M	-0280N	£23.39	£15.20
M5.0 x 0.80	16.0	58.0	5.00	9g	-0330L	-0330M	-0330N	£24.83	£16.14
M6.0 x 1.00	19.0	66.0	6.30	14g	-0370L	-0370M	-0370N	£25.56	£16.61
M8.0 x 1.25	22.0	72.0	8.00	26g	-0410L	-0410M	-0410N	£28.30	£18.40
M10.0 x 1.50	24.0	80.0	10.00	42g	-0450L	-0450M	-0450N	£36.10	£23.47
M12.0 x 1.75	23.0	89.0	9.00	48g	-0480L	-0480M	-0480N	£50.69	£32.95
M14.0 x 2.00	25.0	95.0	11.20	76g	-0510L	-0510M	-0510N	£62.52	£40.64
M16.0 x 2.00	25.0	102.0	12.50	102g	-0530L	-0530M	-0530N	£75.79	£49.26
M20.0 x 2.50	30.0	112.0	14.00	158g	-0570L	-0570M	-0570N	£125.14	£81.34

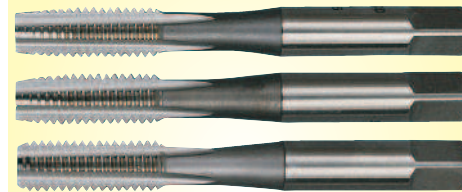
Sets of Three

1 each, taper, second and plug lead.

LEFT HAND



METRIC COARSE HSS



Set of 3

Order Code SHR-087	List Price/1	Offer Price/1
-0230P	£78.37	£50.94
-0280P	£70.18	£45.62
-0330P	£74.50	£48.43
-0370P	£76.66	£49.83
-0410P	£84.85	£55.15
-0450P	£108.17	£70.31
-0480P	£152.71	£99.26
-0510P	£187.71	£122.01
-0530P	£228.01	£148.21
-0570P	£377.54	£245.40

Metric HSS Ground Thread Left Hand Dies

BS 1127

For use in diestocks to produce external screw threads.

LEFT HAND

METRIC COARSE HSS



Size - Pitch (mm)	Outside Diameter	Thickness	Order Code SHR-087	List Price/1	Offer Price/1
M3.0 x 0.50	13/16"	1/4"	-2320K	£68.76	£44.69
M4.0 x 0.70	13/16"	1/4"	-2340K	£68.76	£44.69
M5.0 x 0.80	13/16"	1/4"	-2360K	£68.76	£44.69
M6.0 x 1.00	13/16"	1/4"	-2380K	£68.76	£44.69
M6.0 x 1.00	1"	3/8"	-2530K	£52.09	£33.86
M8.0 x 1.25	1"	3/8"	-2550K	£81.86	£53.21
M10.0 x 1.50	1"	3/8"	-2570K	£81.86	£53.21
M10.0 x 1.50	1 5/16"	7/16"	-2720K	£91.16	£59.25
M12.0 x 1.75	1 5/16"	7/16"	-2740K	£119.84	£77.90
M12.0 x 1.75	1 1/2"	1/2"	-2950K	£95.61	£62.15
M16.0 x 2.00	1 1/2"	1/2"	-2970K	£141.05	£91.68

UNF (Unified Fine) HSS Ground Thread Left Hand Tap Sets

UNF Sets of 3

1 each, taper, second and plug lead.



Individual Taps also available

Size - Pitch	Shank Diameter	Order Code SHR-087	List Price/1	Offer Price/1
1/4" x 28	6.30	-1110P	£78.36	£50.93
5/16" x 24	8.00	-1120P	£87.76	£57.04
3/8" x 24	10.00	-1130P	£111.35	£72.38
7/16" x 20	8.00	-1140P	£169.68	£110.29
1/2" x 20	9.00	-1150P	£158.01	£102.71

UNC (Unified Coarse) HSS Ground Thread Left Hand Tap Sets

UNC Sets of 3

1 each, taper, second and plug lead.



Individual Taps also available

Size - Pitch	Shank Diameter	Order Code SHR-087	List Price/1	Offer Price/1
1/4" x 20	6.30	-0850P	£73.31	£47.65
5/16" x 18	8.00	-0860P	£81.86	£53.21
3/8" x 16	10.00	-0870P	£103.83	£67.49
1/2" x 13	9.00	-0890P	£149.53	£97.19
5/8" x 11	12.50	-0910P	£219.52	£142.69
3/4" x 10	14.00	-0920P	£328.76	£213.69

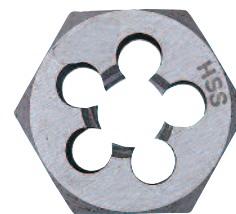
Metric HSS Ground Thread Left Hand Die Nuts

BS 1127

For use with spanners to clean and repair existing external screw threads.

LEFT HAND

METRIC COARSE HSS



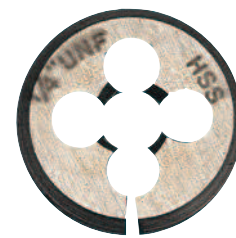
Size - Pitch (mm)	Outside Diameter	Thickness	Order Code SHR-087	List Price/1	Offer Price/1
M5.0 x 0.80	0.71"	1/4"	-3200K	£65.88	£42.82
M6.0 x 1.00	0.71"	1/4"	-3210K	£43.25	£28.11
M8.0 x 1.25	0.82"	5/16"	-3220K	£51.24	£33.31
M10.0 x 1.50	0.92"	3/8"	-3230K	£58.83	£38.24
M12.0 x 1.75	1.10"	1/2"	-3240K	£71.20	£46.28
M16.0 x 2.00	1.30"	5/8"	-3260K	£87.79	£57.06

UNF (Unified Fine) HSS Ground Thread Left Hand Dies

BS 1127

For use in diestocks to produce external screw threads.

LEFT HAND UNF HSS



Size - Pitch	Outside Diameter	Thickness	Order Code SHR-087	List Price/1	Offer Price/1
7/16" x 20	1.10"	1/2"	-5360K	£106.52	£69.24

BSW (British Standard Whitworth) HSS Ground Thread Left Hand Tap Sets

ISO 529 - BSW Sets of 3

1 each, taper, second and plug lead.

LEFT HAND BSW HSS



Individual Taps also available

Size - Pitch	Shank Diameter	Order Code SHR-087	List Price/1	Offer Price/1
1/4" x 20	6.30	-1360P	£83.43	£54.23
3/8" x 16	10.00	-1380P	£117.72	£76.52
1/2" x 12	9.00	-1400P	£168.62	£109.60
5/8" x 11	12.50	-1420P	£249.22	£161.99

Type 1066

Manufactured from 3% vanadium super grade high speed steel. Increased vanadium produces toughness without adding brittleness. Greater resistance to work generated heat. Prolonged cutting edge life. Manufactured to **ISO 529 : 1975**. **BSP and BSPF also available.**

Spiral Point/Gun Nose

HSS-EV3.
Oxidised finish.
1066PT for through holes.

SPIRAL POINT FOR THROUGH HOLES
METRIC

ISO Metric



Size - Pitch (mm)	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
M1.6 x 0.35	2.50	2.00	41.0	8.0	-1620E	£50.64	£32.92
M2.0 x 0.40	2.50	2.50	41.0	8.0	-1630E	£24.89	£16.18
M2.5 x 0.45	2.80	2.24	44.5	9.5	-1640E	£20.41	£13.27
M3.0 x 0.50	3.15	2.50	48.0	11.0	-1650E	£13.48	£8.76
M4.0 x 0.70	4.00	3.15	53.0	13.0	-1670E	£12.25	£7.96
M5.0 x 0.80	5.00	4.00	58.0	16.0	-1690E	£12.81	£8.33
M6.0 x 1.00	6.30	5.00	66.0	19.0	-1700E	£13.06	£8.49
M8.0 x 1.25	8.00	6.30	72.0	22.0	-1720E	£14.70	£9.56
M10.0 x 1.50	10.00	8.00	80.0	24.0	-1740E	£18.80	£12.22
M12.0 x 1.75	9.00	7.10	89.0	29.0	-1760E	£26.13	£16.98
M14.0 x 2.00	11.20	9.00	95.0	30.0	-1770E	£32.26	£20.97
M16.0 x 2.00	12.50	10.00	102.0	32.0	-1780E	£38.79	£25.21
M20.0 x 2.50	14.00	11.20	112.0	37.0	-1800E	£64.50	£41.93
M24.0 x 3.00	18.00	14.00	130.0	45.0	-1820E	£98.00	£63.70

UNC

UNC

Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
4 x 40	3.15	2.50	48.0	11.0	-3620E	£29.16	£18.95
6 x 32	3.55	2.80	50.0	13.0	-3630E	£17.80	£11.57
8 x 32	3.55	2.80	53.0	13.0	-3640E	£17.80	£11.57
10 x 24	5.00	4.00	58.0	16.0	-3650E	£17.80	£11.57
1/4" x 20	6.30	5.00	66.0	19.0	-3670E	£14.86	£9.66
5/16" x 18	8.00	6.30	72.0	22.0	-3680E	£16.82	£10.93
3/8" x 16	10.00	8.00	80.0	24.0	-3690E	£21.23	£13.80
7/16" x 14	8.00	6.30	85.0	25.0	-3700E	£30.54	£19.85
1/2" x 13	9.00	7.10	89.0	29.0	-3710E	£30.70	£19.96
5/8" x 11	12.50	10.00	102.0	32.0	-3730E	£45.56	£29.61
3/4" x 10	14.00	11.20	112.0	37.0	-3740E	£68.35	£44.43

UNF

UNF

Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
10 x 32	5.00	4.00	58.0	16.0	-4650E	£17.80	£11.57
1/4" x 28	6.30	5.00	66.0	19.0	-4670E	£14.86	£9.66
5/16" x 24	8.00	6.30	69.0	19.0	-4680E	£16.82	£10.93
3/8" x 24	10.00	8.00	76.0	20.0	-4690E	£21.23	£13.80
7/16" x 20	8.00	6.30	82.0	22.0	-4700E	£30.54	£19.85
1/2" x 20	9.00	7.10	84.0	24.0	-4710E	£30.70	£19.96
9/16" x 18	11.20	9.00	90.0	25.0	-4720E	£38.88	£25.27
3/4" x 16	14.00	11.20	104.0	29.0	-4740E	£68.35	£44.43

BSW

BSW

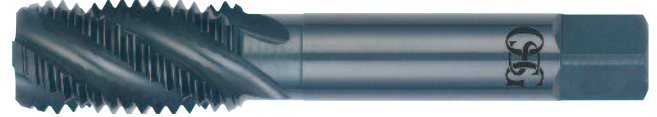
Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
1/4" x 20	6.30	5.00	66.0	19.0	-6520E	£17.15	£11.15
5/16" x 18	8.00	6.30	72.0	22.0	-6530E	£19.29	£12.54
3/8" x 16	10.00	8.00	80.0	24.0	-6540E	£24.26	£15.77
1/2" x 12	9.00	7.10	89.0	29.0	-6560E	£34.71	£22.56

Spiral Flute

HSS-EV3.
Oxidised finish -
1066QS for blind holes.

SPIRAL FLUTE FOR BLIND HOLES
METRIC

ISO Metric



Size - Pitch (mm)	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
M2.0 x 0.40	2.50	2.50	41.0	8.0	-1330F	£32.68	£21.24
M2.5 x 0.45	2.80	2.24	44.5	9.5	-1340F	£26.94	£17.51
M3.0 x 0.50	3.15	2.50	48.0	11.0	-1350F	£17.15	£11.15
M4.0 x 0.70	4.00	3.15	53.0	13.0	-1370F	£15.50	£10.08
M5.0 x 0.80	5.00	4.00	58.0	16.0	-1390F	£16.33	£10.61
M6.0 x 1.00	6.30	5.00	66.0	19.0	-1400F	£16.75	£10.89
M8.0 x 1.25	8.00	6.30	72.0	22.0	-1420F	£18.38	£11.95
M10.0 x 1.50	10.00	8.00	80.0	24.0	-1440F	£23.70	£15.41
M12.0 x 1.75	9.00	7.10	89.0	29.0	-1460F	£33.48	£21.76
M14.0 x 2.00	11.20	9.00	95.0	30.0	-1470F	£42.46	£27.60
M16.0 x 2.00	12.50	10.00	102.0	32.0	-1480F	£50.64	£32.92
M20.0 x 2.50	14.00	11.20	112.0	37.0	-1500F	£83.30	£54.15
M24.0 x 3.00	18.00	14.00	130.0	45.0	-1520F	£124.14	£80.69

UNC

UNC

Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
8 x 32	3.55	2.80	53.0	13.0	-3340F	£22.69	£14.75
10 x 24	5.00	4.00	58.0	16.0	-3350F	£22.69	£14.75
1/4" x 20	6.30	5.00	66.0	19.0	-3370F	£18.80	£12.22
5/16" x 18	8.00	6.30	72.0	22.0	-3380F	£21.79	£14.16
3/8" x 16	10.00	8.00	80.0	24.0	-3390F	£27.78	£18.06
7/16" x 14	8.00	6.30	89.0	22.0	-3400F	£38.63	£25.11
1/2" x 13	9.00	7.10	89.0	29.0	-3410F	£39.12	£25.43
5/8" x 11	8.00	6.30	72.0	16.0	-3430F	£57.97	£37.68
3/4" x 10	14.00	11.20	112.0	37.0	-3440F	£87.13	£56.63

UNF

UNF

Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
10 x 32	5.00	4.00	58.0	16.0	-4350F	£22.69	£14.75
1/4" x 28	6.30	5.00	66.0	19.0	-4370F	£18.80	£12.22
5/16" x 24	8.00	6.30	69.0	19.0	-4380F	£21.79	£14.16
3/8" x 24	10.00	8.00	76.0	20.0	-4390F	£27.78	£18.06
7/16" x 20	8.00	6.30	82.0	22.0	-4400F	£38.63	£25.11
1/2" x 20	9.00	7.10	84.0	24.0	-4410F	£39.12	£25.43
9/16" x 18	11.20	9.00	90.0	25.0	-4420F	£49.83	£32.39
5/8" x 18	12.50	10.00	95.0	25.0	-4430F	£57.97	£37.68

BSW

BSW

Size - Pitch	Shank Dia.	A/F Square	Overall Length	Thread Length	Order Code OSG-085	List Price/1	Offer Price/1
1/4" x 20	6.30	5.00	66.0	19.0	-6220F	£22.77	£14.80
5/16" x 18	8.00	6.30	72.0	22.0	-6230F	£25.31	£16.45
3/8" x 16	10.00	8.00	80.0	24.0	-6240F	£31.19	£20.27
1/2" x 12	9.00	7.10	89.0	29.0	-6260F	£44.51	£28.93

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

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CUTTING TOOLS