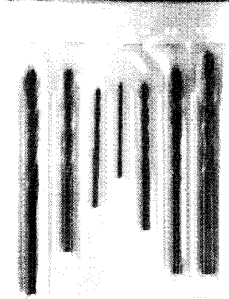
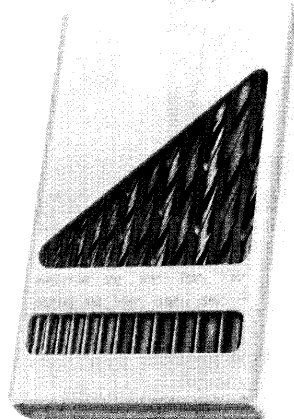


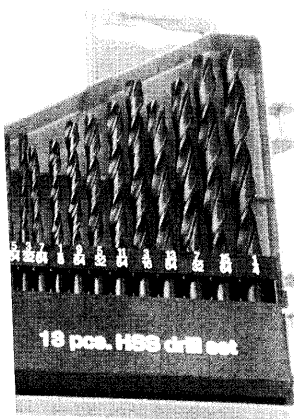
HSS JOBBER DRILLS SETS - ROLL FORGED



PLASTIC WALLET



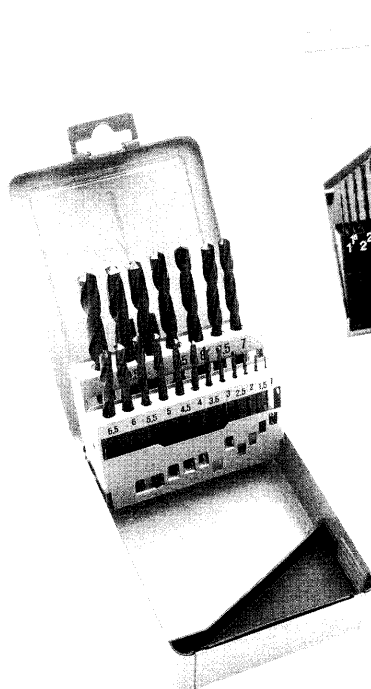
FLAT 'STAND' TYPE BOX



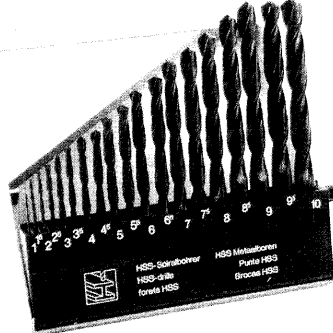
FLAT PLASTIC CASE



TWIST-A-DRILL BOX



METAL CASE



SLIMLINE CASE

PLASTIC WALLET

		STANDARD		ECONOMY	
NO. OF PCS	SIZE RANGE	CODE NO.	PRICE £ SET	CODE NO.	PRICE £ SET
METRIC					
7	1.5, 2, 3, 4, 5, 5.5, 6	5-161-407		5-161-407E	
IMPERIAL					
7	1/16" to 1/4" by 32nds	5-160-407		5-160-407E	

FLAT CASES - 'STAND' TYPE BOX

		STANDARD		ECONOMY	
NO. OF PCS	SIZE RANGE	CODE NO.	PRICE £	CODE NO.	PRICE £ SET
METRIC					
7	1.5, 2, 3, 4, 5, 5.5, 6	5-161-307		5-161-307E	
IMPERIAL					
7	1/16" to 1/4" by 32nds	5-160-307		5-160-307E	
13	1/16" to 1/4" by 64ths	5-160-313		5-160-313E	

FLAT PLASTIC CASES

		STANDARD		ECONOMY	
NO. OF PCS	SIZE RANGE	CODE NO.	PRICE £	CODE NO.	PRICE £
IMPERIAL					
10	1/16" to 1/4" by 32nds + 5/64, 7/64, 9/64ths	5-160-345		5-160-345E	
13	1/16" to 1/4" by 64ths	5-160-347		5-160-347E	

TWIST-A-DRILL BOXES

STANDARD		ECONOMY		
NO. OF PCS	SIZE RANGE	CODE NO.	PRICE £ SET	CODE NO.
METRIC				
19	1 to 10 by 0.5mm	5-161-380		5-161-380E
IMPERIAL				
13	1/16" to 1/4" by 64ths	5-160-377		5-160-377E
21	1/16" to 3/8" by 64ths	5-160-381		5-160-381E

SLIMLINE CASES - GREY

CEMENTE CASES ONLY

		STANDARD		ECONOMY	
NO. OF PCS	SIZE RANGE	CODE NO.	PRICE £ SET	CODE NO.	PRICE £ SET
METRIC					
6	2, 3, 4, 5, 6, 8mm	5-161-506		5-161-506E	
10	1 to 10 by 1mm	5-161-510		5-161-510E	
13	1.5 to 6.5 by 0.5 + 3.2, 4.8mm	5-161-513		5-161-513E	
19	1 to 10 by 0.5mm	5-161-519		5-161-519E	
IMPERIAL					
7	1/16" to 1/4" by 32nds	5-160-507		5-160-507E	
13	1/16" to 1/4" by 64ths	5-160-513		5-160-513E	
21	1/16" to 3/8" by 64ths	5-160-521		5-160-521E	

METAL CASES - RED OR GREY

			STANDARD		ECONOMY	
NO. OF PCS	COLOUR	SIZE RANGE	CODE NO.	PRICE £ SET	CODE NO.	PRICE £ SET
METRIC						
19	RED	1 to 10 by 0.5mm	5-161-890		-161-890E	
25	RED	1 to 13 by 0.5mm	5-161-891		-161-891E	
41	RED	6 to 10 by 0.1mm	5-161-750		-	
50	GREY	1 to 5.9 by 0.1mm	5-161-740		-	
81	GREY	2 to 10 by 0.1mm	5-161-810		-	
13	GREY	1.5 to 6.5 by 0.5mm +3.3, 4.2mm	5-161-803		-	-
13	GREY	1.5 to 6.5 by 0.5mm +3.2, 4.8mm	5-161-804		-	-
23	GREY	1 to 10 by 0.5mm +3.3, 4.2, 6.8, 10.2mm	5-161-817		-	-
24	GREY	1 to 10.5 by 0.5mm +3.3, 4.2, 6.8, 10.2mm	5-161-808		-	-
29	GREY	1 to 13 by 0.5mm +3.3, 4.2, 6.8, 10.2mm	5-161-835		-	-
32	GREY	1 to 10.5 by 0.5mm +1.9, 2.1, 2.6, 2.9, 3.2, 3.3, 3.8, 4.2, 5.1, 6.8, 7.9, 10.2mm	5-161-809		-	-
IMPERIAL						
13	GREY	1/16" to 1/4" by 64ths	5-160-600		-	-
15	RED	1/16" to 1/2" by 32nds	5-160-675		5-160-675E	5-160-675E
21	RED	1/16" to 3/8" by 64ths	5-160-621		5-160-621E	5-160-621E
29	RED	1/16" to 1/2" by 64ths	5-160-729		5-160-729E	5-160-729E
29	GREY	1/16" to 1/2" by 64ths	5-160-700		-	-

HSS JOBBER DRILLS-ROLL FORGED

HSS

118° STANDARD POINT

STANDARD LENGTH

DIN 338 / BS 328

Flute Geometry

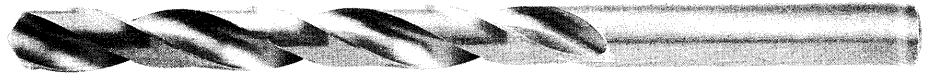
Standard Helix, Right Hand Cut

Surface Treatment

Steam Oxided

Application

For use on materials forming long and short chips, such as steels up to 1000 N/mm², cast iron, malleable iron, sintered iron, AISi - alloys (Si > 11%). NB These are manufactured by roll forged process.



METRIC

DIN338

CODE NO.	DIA mm	FLUTE LENGTH mm	OVERALL LENGTH mm	BOX QTY
5-161-073	2.0	24.0	49.0	10
5-161-075	2.1	24.0	49.0	10
5-161-077	2.2	27.0	53.0	10
5-161-079	2.3	27.0	53.0	10
5-161-081	2.4	30.0	57.0	10
5-161-083	2.5	30.0	57.0	10
5-161-085	2.6	30.0	57.0	10
5-161-087	2.7	33.0	61.0	10
5-161-089	2.8	33.0	61.0	10
5-161-090	2.85	33.0	61.0	10
5-161-091	2.9	33.0	61.0	10
5-161-093	3.0	33.0	61.0	10
5-161-094	3.1	36.0	65.0	10
5-161-096	3.2	36.0	65.0	10
5-161-097	3.25	36.0	65.0	10
5-161-098	3.3	36.0	65.0	10
5-161-099	3.4	39.0	70.0	10
5-161-100	3.5	39.0	70.0	10
5-161-102	3.6	39.0	70.0	10
5-161-103	3.7	39.0	70.0	10
5-161-105	3.8	43.0	75.0	10
5-161-106	3.9	43.0	75.0	10
5-161-107	4.0	43.0	75.0	10
5-161-108	4.1	43.0	75.0	10
5-161-109	4.2	43.0	75.0	10
5-161-111	4.3	47.0	80.0	10
5-161-112	4.4	47.0	80.0	10
5-161-113	4.5	47.0	80.0	10
5-161-114	4.6	47.0	80.0	10
5-161-115	4.7	47.0	80.0	10
5-161-116	4.75	47.0	80.0	10
5-161-117	4.8	52.0	86.0	10
5-161-118	4.9	52.0	86.0	10
5-161-119	5.0	52.0	86.0	10
5-161-120	5.1	52.0	86.0	10
5-161-121	5.2	52.0	86.0	10
5-161-122	5.25	52.0	86.0	10
5-161-123	5.3	52.0	86.0	10
5-161-124	5.4	57.0	93.0	10
5-161-125	5.5	57.0	93.0	10
5-161-126	5.6	57.0	93.0	10
5-161-127	5.7	57.0	93.0	10
5-161-129	5.8	57.0	93.0	10
5-161-130	5.9	57.0	93.0	10
5-161-131	6.0	57.0	93.0	10
5-161-132	6.1	63	101	10
5-161-133	6.2	63	101	10
5-161-134	6.25	63	101	10
5-161-135	6.3	63	101	10
5-161-136	6.4	63	101	10
5-161-137	6.5	63	101	10
5-161-138	6.6	63	101	10
5-161-139	6.7	63	101	10
5-161-141	6.8	69	109	10
5-161-142	6.9	69	109	10
5-161-143	7.0	69	109	10
5-161-144	7.1	69	109	10
5-161-145	7.2	69	109	10
5-161-147	7.3	69	109	10
5-161-148	7.4	69	109	10
5-161-149	7.5	69	109	10
5-161-150	7.6	75	117	10
5-161-151	7.7	75	117	10
5-161-153	7.8	75	117	10
5-161-154	7.9	75	117	10
5-161-155	8.0	75	117	10
5-161-156	8.1	75	117	10
5-161-157	8.2	75	117	10
5-161-159	8.3	75	117	10
5-161-160	8.4	75	117	10
5-161-161	8.5	75	117	10
5-161-162	8.6	81	125	5
5-161-163	8.7	81	125	5
5-161-165	8.8	81	125	5
5-161-166	8.9	81	125	5

Continued →

METRIC

DIN338

CODE NO.	DIA mm	FLUTE LENGTH mm	OVERALL LENGTH mm	BOX QTY
5-161-167	9.0	81	125	5
5-161-168	9.1	81	125	5
5-161-169	9.2	81	125	5
5-161-171	9.3	81	125	5
5-161-172	9.4	81	125	5
5-161-173	9.5	81	125	5
5-161-174	9.6	87	133	5
5-161-175	9.7	87	133	5
5-161-177	9.8	87	133	5
5-161-178	9.9	87	133	5
5-161-179	10.0	87	133	5
5-161-180	10.1	87	133	5
5-161-181	10.2	87	133	5
5-161-182	10.25	87	133	5
5-161-183	10.3	87	133	5
5-161-184	10.4	87	133	5
5-161-185	10.5	87	133	5
5-161-186	10.6	87	133	5
5-161-187	10.7	94	142	5
5-161-189	10.8	94	142	5
5-161-190	10.9	94	142	5
5-161-191	11.0	94	142	5
5-161-193	11.2	94	142	5
5-161-197	11.5	94	142	5
5-161-201	11.8	94	142	5
5-161-203	12.0	101	151	5
5-161-205	12.2	101	151	5
5-161-208	12.4	101	151	5
5-161-209	12.5	101	151	5
5-161-211	12.7	101	151	5
5-161-214	12.9	101	151	5
5-161-215	13.0	101	151	5
5-161-219	13.3	108	160	1
5-161-221	13.5	108	160	1
5-161-225	13.8	108	160	1
5-161-227	14.0	108	160	1
5-161-229	14.5	114	169	1
5-161-231	15.0	114	169	1
5-161-233	15.5	120	178	1
5-161-235	16.0	120	178	1

IMPERIAL

BS328

CODE NO.	DIA inch	FLUTE LENGTH mm	OVERALL LENGTH mm	BOX QTY
5-160-030B	3/32	1.3/16	2.1/4	10
5-160-035B	7/64	1.5/16	2.13/32	10
5-160-040B	1/8	1.7/16	2.9/16	10
5-160-045B	9/64	1.17/32	2.3/4	10
5-160-050B	5/32	1.11/16	2.15/16	10
5-160-055B	11/64	1.27/32	3.5/32	10
5-160-060B	3/16	2.1/16	3.3/8	10
5-160-065B	13/64	2.1/16	3.3/8	10
5-160-070B	7/32	2.1/4	3.21/32	10
5-160-075B	15/64	2.1/4	3.21/32	10
5-160-080B	1/4	2.1/2	3.31/32	10
5-160-085B	17/64	2.23/32	4.9/32	10
5-160-090B	9/32	2.23/32	4.9/32	10
5-160-095B	19/64	2.15/16	4.19/32	10
5-160-100B	5/16	2.15/16	4.19/32	10
5-160-105B	21/64	2.15/16	4.19/32	10
5-160-110B	11/32	3.3/16	4.29/32	5
5-160-115B	23/64	3.3/16	4.29/32	5
5-160-120B	3/8	3.7/16	5.1/4	5
5-160-125B	25/64	3.7/16	5.1/4	5
5-160-130B	13/32	3.7/16	5.1/4	5
5-160-135B	27/64	3.11/16	5.19/32	5
5-160-140B	7/16	3.11/16	5.19/32	5
5-160-145B	29/64	3.11/16	5.19/32	5
5-160-150B	15/32	3.11/16	5.19/32	5
5-160-155B	31/64	3.31/32	5.15/16	5
5-160-160B	1/2	3.31/32	5.15/16	5

METRIC - ECONOMY LINE

DIN388

CODE NO.	DIA mm	FLUTE LENGTH mm	OVERALL LENGTH mm	BOX QTY	PRICE £ EACH
5-161-053C	1.0	12.0	34.0	10	
5-161-063C	1.5	18.0	40.0	10	
5-161-073C	2.0	24.0	49.0	10	
5-161-083C	2.5	30.0	57.0	10	
5-161-090C	2.85	33.0	61.0	10	
5-161-093C	3.0	33.0	61.0	10	
5-161-096C	3.2	36.0	68.0	10	
5-161-098C	3.3	36.0	65.0	10	
5-161-100C	3.5	39.0	70.0	10	
5-161-106C	3.6	39.0	70.0	10	
5-161-107C	4.0	43.0	75.0	10	
5-161-109C	4.2	43.0	75.0	10	
5-161-113C	4.5	47.0	80.0	10	
5-161-117C	4.8	52.0	86.0	10	
5-161-119C	5.0	52.0	86.0	10	
5-161-125C	5.5	57.0	93.0	10	
5-161-131C	6.0	57.0	93.0	10	
5-161-137C	6.5	63.0	101.0	10	
5-161-143C	7.0	69.0	109.0	10	
5-161-149C	7.5	69.0	109.0	10	
5-161-155C	8.0	75.0	117.0	10	
5-161-161C	8.5	75.0	117.0	10	
5-161-167C	9.0	81.0	125.0	5	
5-161-173C	9.5	81.0	125.0	5	
5-161-179C	10.0	87.0	133.0	5	
5-161-185C	10.5	87.0	133.0	5	
5-161-191C	11.0	94.0	142.0	5	
5-161-197C	11.5	94.0	142.0	5	
5-161-203C	12.0	101.0	151.0	5	
5-161-209C	12.5	101.0	151.0	5	
5-161-215C	13.0	101.0	151.0	5	

IMPERIAL - ECONOMY LINE

CODE NO.	DIA inch	FLUTE LENGTH inch	OVERALL LENGTH inch	BOX QTY	PRICE £ EACH
5-160-020C	1/16	7/8	1.7/8	10	
5-160-025C	5/64	1"	2"	10	
5-160-030C	3/32	1.1/4	2.1/4	10	
5-160-035C	7/64	1.1/2	2.5/8	10	
5-160-040C	1/8	1.5/8	2.3/4	10	
5-160-045C	9/64	1.3/4	2.7/8	10	
5-160-050C	5/32	2"	3.1/8	10	
5-160-055C	11/64	2.1/8	3.1/4	10	
5-160-060C	3/16	2.5/16	3.1/2	10	
5-160-065C	13/64	2.7/16	3.5/8	10	
5-160-070C	7/32	2.1/2	3.3/4	10	
5-160-075C	15/64	2.5/8	3.7/8	10	
5-160-080C	1/4	2.3/4	4"	10	
5-160-085C	17/64	2.7/8	4.1/8	10	
5-160-090C	9/32	2.15/16	4.1/4	10	
5-160-095C	19/64	3.1/16	4.3/8	10	
5-160-100C	5/16	3.3/16	4.1/2	10	
5-160-105C	21/64	3.5/16	4.5/8	10	
5-160-110C	11/32	3.7/16	4.3/4	5	
5-160-115C	23/64	3.1/2	4.7/8	5	
5-160-120C	3/8	3.5/8	5"	5	
5-160-130C	13/32	3.7/16	5.1/4	5	
5-160-140C	7/16	3.11/16	5.19/32	1	
5-160-150C	15/32	3.31/32	5.15/16	1	
5-160-160C	1/2	3.31/32	5.15/16	1	