DRILLING & THREADING TOOLS

Twist drills, annular cutters and metric threading tools for fabrication and workshop use.



Choose Your Setup

Application	Range or option	Page
Drill steel or stainless	DIN 338 individual drills	02
Build a drill kit or replenish stores	Jobber sets, magazines and taper sets	03
Enlarge or countersink a hole	Step drills and countersinks	05
Cut holes with a magnetic drill	Weldon core drills and pilot pin	06
Cut or repair metric threads	Hand taps, dies and cased sets	07
Tap through or blind holes by machine	HSS and cobalt machine taps	09
Fit services or stock a trade counter	Hole saw set and shelf displays	10

How to Order

Quote the Terrax order code, size and quantity. For sets and displays, order by the complete kit code.

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TWIST DRILLS / INDIVIDUAL SIZES

DIN 338 Jobber Drills

Four Type N, 5×D ranges. Match the drill material and point geometry to the workpiece, then use the diameter to find the order code.



HSSE-Co 5 / 130°



HSS-G / 118°



HSS-R / 118°



HSS-TiN / 118°

Ø mm	Overall mm	Flute mm	HSSE-Co 5	HSS-G	HSS-R	HSS-TiN	Qty
1.0	34.0	12.0	215010TX	214010TX	201010TX	250010TX	10
1.5	40.0	18.0	215015TX	214015TX	201015TX	250015TX	10
2.0	49.0	24.0	215020TX	214020TX	201020TX	250020TX	10
2.5	57.0	30.0	215025TX	214025TX	201025TX	250025TX	10
3.0	61.0	33.0	215030TX	214030TX	201030TX	250030TX	10
3.3	65.0	36.0	215033TX	214033TX	201033TX	250033TX	10
3.5	70.0	39.0	215035TX	214035TX	201035TX	250035TX	10
4.0	75.0	43.0	215040TX	214040TX	201040TX	250040TX	10
4.2	75.0	43.0	215042TX	214042TX	201042TX	250042TX	10
4.5	80.0	47.0	215045TX	214045TX	201045TX	250045TX	10
5.0	86.0	52.0	215050TX	214050TX	201050TX	250050TX	10
5.5	93.0	57.0	215055TX	214055TX	201055TX	250055TX	10
6.0	93.0	57.0	215060TX	214060TX	201060TX	250060TX	10
6.5	101.0	63.0	215065TX	214065TX	201065TX	250065TX	10
6.8	109.0	69.0	215068TX	214068TX	201068TX	250068TX	10
7.0	109.0	69.0	215070TX	214070TX	201070TX	250070TX	10
7.5	109.0	69.0	215075TX	214075TX	201075TX	250075TX	10
8.0	117.0	75.0	215080TX	214080TX	201080TX	250080TX	10
8.5	117.0	75.0	215085TX	214085TX	201085TX	250085TX	10
9.0	125.0	81.0	215090TX	214090TX	201090TX	250090TX	10
9.5	125.0	81.0	215095TX	214095TX	201095TX	250095TX	10
10.0	133.0	87.0	215100TX	214100TX	201100TX	250100TX	10
10.2	133.0	87.0	215102TX	214102TX	201102TX	250102TX	5
10.5	133.0	87.0	215105TX	214105TX	201105TX	250105TX	5
11.0	142.0	94.0	215110TX	214110TX	201110TX	250110TX	5
11.5	142.0	94.0	215115TX	214115TX	201115TX	250115TX	5
12.0	151.0	101.0	215120TX	214120TX	201120TX	250120TX	5
12.5	151.0	101.0	215125TX	214125TX	201125TX	250125TX	5
13.0	151.0	101.0	215130TX	214130TX	201130TX	250130TX	5

Qty is the number of drills per tube. Use cobalt for demanding metalwork, ground HSS for general steel drilling, and rolled HSS for everyday workshop work.

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TWIST DRILLS / SETS

Jobber Drill Sets

The 19-piece sets cover 1.0–10.0mm. The 25-piece sets extend to 13.0mm. Both run in 0.5mm steps and are available in steel or plastic cases.



HSSE-Co 5 / plastic



HSS-G / steel



HSS-R / plastic



HSS-TiN / steel

Drill material	19 pc plastic	25 pc plastic	19 pc steel	25 pc steel
HSSE-Co 5	A215214RO	A215215RO	A215214	A215215
HSS-G	A214214RO	A214215RO	A214214	A214215
HSS-R	A205210RO	A205211RO	A205210	A205211
HSS-TiN	A250214TRO	A250215TRO	A250214T	A250215T

3-in-1 Mixed Drill Set



A131011

Order code	Contents	Size range
A131011	57 pc in three 19 pc plastic cases. One each in HSSE-Co 5, HSS-TiN and HSS.	1.0–10.0mm in 0.5mm steps

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TWIST DRILLS / MAGAZINES AND MORSE TAPER

Drill Magazines & Taper Sets

Multi-quantity drill magazines for shared stores and repeat work. DIN 345 taper-shank sets cover larger holes.



A215200



A214200RO



DIN 345 / steel case

Order code	Material / case	Drills	Contents (0.5mm range steps)
A215190	HSSE-Co 5 / steel	70	5 each 1.0–5.0; 3 each 5.5–7.5; 2 each 8.0–10.0mm
A215200	HSSE-Co 5 / steel	170	10 each 1.0–8.0mm; 5 each 8.5–10.0mm
A214195	HSS-G / steel	130	10 each 1.0–6.0mm; 10 each 3.3 and 4.2mm
A214200	HSS-G / steel	170	10 each 1.0–8.0mm; 5 each 8.5–10.0mm
A214200RO	HSS-G / plastic	Confirm	10 each 1.0–8.0mm; 5 each 8.5–10.0mm
A214220	HSS-G / steel	220	10 each 1.0–8.0; 5 each 8.5–13.0; 10 each 3.3 and 4.2mm
A205195	HSS-R / steel	130	10 each 1.0–6.0mm; 10 each 3.3 and 4.2mm
A205200	HSS-R / steel	170	10 each 1.0–8.0mm; 5 each 8.5–10.0mm
A250200RO	HSS-TiN / plastic	170	10 each 1.0–8.0mm; 5 each 8.5–10.0mm

Confirm the supplied piece count for A214200RO when ordering.

DIN 345 HSS Morse Taper Drill Sets

Order code	Case / pieces	Diameters (mm)
A204001	Steel / 10	14, 15, 16, 17, 18, 19, 20, 21, 22, 23
A204002	Steel / 10	14, 16, 18, 20, 22, 24, 25, 26, 28, 30

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SHEET DRILLING / COUNTERSINKING

Step Drills & Countersinks

Use step drills to enlarge holes in sheet. Use a 90° countersink to seat a matching fastener head or break a drilled edge.



Step drills / HSS & TiN



90° countersinks / HSS & TiN



A102152TRO

Straight-Flute Step Drills

Size	Diameter range (mm)	HSS code	HSS-TiN code
0/9	4.0 - 12.0	A101050-9TX	A101050-9TTX
1	4.0 - 20.0	A101051TX	A101051TTX
2	6.0 - 30.0	A101052TX	A101052TTX

DIN 335 Type C / 90° Countersinks

Ø mm	Overall mm	HSS code	HSS-TiN code
6.3	45.0	102107TX	102107TTX
8.3	50.0	102111TX	102111TTX
10.4	50.0	102114TX	102114TTX
12.4	56.0	102116TX	102116TTX
16.5	60.0	102119-1TX	102119-1TTX
20.5	63.0	102121TX	102121TTX

Cased Sets

Contents	HSS code	HSS-TiN code
3 step drills: sizes 0/9, 1 and 2	A101126RO	A101126TRO
6 countersinks: Ø 6.3, 8.3, 10.4, 12.4, 16.5 and 20.5mm	A102152RO	A102152TRO

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ANNULAR CUTTING / MAGNETIC DRILLS

Weldon Core Drills

Use these annular cutters with a compatible 19.05mm (¾ in) Weldon holder. Each cutter has a 30mm cutting depth and a 63mm overall length.



HSS



HSS-TiN



A108820T

Cutter Ø mm	HSS order code	HSS-TiN order code
12.0	108212TX	108212TTX
14.0	108214TX	108214TTX
16.0	108216TX	108216TTX
18.0	108218TX	108218TTX
20.0	108220TX	108220TTX
22.0	108222TX	108222TTX
24.0	108224TX	108224TTX
26.0	108226TX	108226TTX
28.0	108228TX	108228TTX
30.0	108230TX	108230TTX
32.0	108232TX	108232TTX

Pilot Pin and Cased Sets

Order code	Item	Contents or dimensions
108304TX	Pilot pin	Ø 6.35 × 77.0mm
A108820	HSS set / steel case	Six cutters Ø 12, 14, 16, 18, 20, 22mm + pilot pin
A108820T	HSS-TiN set / steel case	Six cutters Ø 12, 14, 16, 18, 20, 22mm + pilot pin

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METRIC THREADING / HAND TOOLS

Hand Taps & Round Dies

DIN 352 three-piece HSS tap sets cut internal threads in stages. DIN EN 22568 closed, preslotted Type B dies cut external metric threads to ISO 6g.



DIN 352 tap trio



Type B round die



Thread	Pitch mm	Hand tap thread length mm	Hand tap code	Die thickness mm	Round die code
M3	0.50	10.0	230030TX	5.0	237030TX
M4	0.70	12.0	230040TX	5.0	237040TX
M5	0.80	13.0	230050TX	7.0	237050TX
M6	1.00	15.0	230060TX	7.0	237060TX
M8	1.25	18.0	230080TX	9.0	237080TX
M10	1.50	24.0	230100TX	11.0	237100TX
M12	1.75	29.0	230120TX	14.0	237120TX
M14	2.00	30.0	230140TX	14.0	237140TX
M16	2.00	32.0	230160TX	18.0	237160TX
M18	2.50	40.0	230180TX	18.0	237180TX
M20	2.50	40.0	230200TX	18.0	237200TX

What comes in a hand tap set?

Each size includes a taper tap (5–6 chamfer threads), a second tap (4–5) and a final tap (2–3). Round dies are supplied individually.

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METRIC THREADING / CASED SETS

Hand Threading Sets

Choose a tap-only or die-only set for a specific job, or a combined set with the tap wrenches and die stocks needed for workshop repairs.



A245006



A245013



A245021

Order code	Set / case	Threads	Contents
A245014	8 pc / steel	M3–M12	Seven dies and a die stock.
A245006	21 pc / steel	M3–M12	Three hand taps per size.
A245013	31 pc / steel	M3–M12	Tap trios, seven dies, 25 × 9mm die stock, size 1½ tap wrench and screwdriver.
A245021	45 pc / plastic	M3–M12	Tap trios, dies, HSS-G tapping drills, die stocks, tap wrenches, screwdriver and pitch gauge.
A245020	37 pc / steel	M3–M12	Tap trios, dies, die stocks, tap wrenches, screwdriver and pitch gauge.
A245030	44 pc / steel	M3–M12	Tap trios, dies, HSS-R tapping drills, die stocks, tap wrenches, screwdriver and pitch gauge.
A245040	54 pc / steel	M3–M20	Tap trios, dies, die stocks, tap wrenches, screwdriver and pitch gauge.

M3–M12 sets contain M3, M4, M5, M6, M8, M10, M12. The M3–M20 set adds M14, M16, M18 and M20.

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METRIC THREADING / MACHINE TAPS

Machine Taps

DIN 371/376. Use Form B with a spiral point for through holes. Use Form C with a 35° right-hand spiral flute to draw chips out of blind holes.



Form B / spiral point



Form C / spiral flute



A245058ETX

Thread	Pitch mm	Thread length mm	HSS B	HSS C	HSSE-Co 5 B	HSSE-Co 5 C
M3	0.50	11.0	232030TX	234030TX	232030ETX	234030ETX
M4	0.70	13.0	232040TX	234040TX	232040ETX	234040ETX
M5	0.80	16.0	232050TX	Confirm*	232050ETX	234050ETX
M6	1.00	19.0	232060TX	234060TX	232060ETX	234060ETX
M8	1.25	22.0	232080TX	234080TX	232080ETX	234080ETX
M10	1.50	24.0	232100TX	234100TX	232100ETX	234100ETX
M12	1.75	28.0	232120TX	233120TX	232120ETX	233120ETX

* Quote “M5 HSS Form C, 35° spiral flute” and confirm the order code. The catalogue repeats the Form B code on this line.

Seven-Piece Machine Tap Sets

Material	Form B / through holes	Form C / blind holes	Contents
HSS	A245057TX	A245058TX	M3, M4, M5, M6, M8, M10, M12
HSSE-Co 5	A245057ETX	A245058ETX	M3, M4, M5, M6, M8, M10, M12

Each set comes in an ABS case. Individual machine taps are supplied singly.

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HOLE SAWS / COUNTER DISPLAYS

Hole Saw Set & Displays

The bi-metal hole saw set covers common installation diameters. Terrax shelf displays supply matched groups of cased tool sets.



A106340



A131126



A131057E

HSS Bi-Metal Hole Saw Set

Order code	Cut depth	Contents
A106340	38mm	Six saws: Ø 22, 29, 35, 44, 51, 68mm. Includes A2 and A4 arbors and plastic case.

Shelf Displays

Order code	Display	Contents
A131126	Step drills / 30 tools	5 × A101126RO HSS sets + 5 × A101126TRO HSS-TiN sets
A131152	Countersinks / 60 tools	5 × A102152RO HSS sets + 5 × A102152TRO HSS-TiN sets
A131057	Machine taps / 70 tools	5 × A245057TX Form B sets + 5 × A245058TX Form C sets
A131057E	Machine taps / 70 tools	5 × A245057ETX Form B sets + 5 × A245058ETX Form C sets

Terrax by RUKO manufacturer catalogue

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