Annular Cutters

Replace [Ø] with the diameter in mm, without brackets. Whole-mm steps apply unless individual sizes are shown.



Turbo Steel HSS

JEI size table

Code pattern	Cut depth	Available diameter (mm)
JEICS[Ø]	25 mm	10–65
JEICL[Ø]	50 mm	10–65

Example order code JEICS18 for an 18 mm cutter, 25 mm deep.



Turbo Endurance Coated HSS

JEI size table

Code pattern	Cut depth	Available diameter (mm)
JEIECS[Ø]	25 mm	12–65
JEIECL[Ø]	50 mm	12–65



Turbo Tough TCT

JEI size table

Code pattern	Cut depth	Available diameter (mm)
JEITCS[Ø]	40 mm*	10–70
JEITCL[Ø]	55 mm	10–100; 105, 110, 115, 120
JEITCX[Ø]	80 mm	12–100; 105, 110, 115, 120
JEITCXL[Ø]	110 mm	18–100; 105, 110, 115, 120
JEITCXXL[Ø]	150 mm	18–62 and 65–100
JEITCXXXL[Ø]	200 mm	22–50

* JEI catalogue depth. Confirm depth for existing short-series stock.



Turbo Endurance+ Coated TCT

JEI size table

Code pattern	Cut depth	Available diameter (mm)
JEIETCS[Ø]	40 mm	12–55
JEIETCL[Ø]	55 mm	12–55



Turbo Rail TCT

JEI size table

Code pattern	Series	Available diameter
JEIRCS[Ø]	Uncoated	14, 18–36 and 38 mm
JEIRCSE[Ø]	Coated Super Tough	14, 18–36 and 38 mm

Confirm rail profile, cutter depth and drill fit before ordering.

Cutter Sets and Pilot Pins

3-piece sets cover Ø 14 / 18 / 22 mm. 5-piece sets add 16 and 20 mm. See the JEI tables for 11-piece set contents.



Turbo Steel HSS Sets

JEI size table

Set size	Short series code	Long series code
3-piece	JEICS-SET3	JEICL-SET3
5-piece	JEICS-SET5	JEICL-SET5
11-piece	JEICS-SET11	JEICL-SET11



Turbo Endurance Coated HSS Sets

JEI size table

Set size	Short series code	Long series code
3-piece	JEIECS-SET3	JEIECL-SET3
5-piece	JEIECS-SET5	JEIECL-SET5
11-piece	JEIECS-SET11	JEIECL-SET11



Turbo Tough TCT Sets

JEI size table

Set size	Short series code	Long series code
3-piece	JEITCS-SET3	JEITCL-SET3
5-piece	JEITCS-SET5	JEITCL-SET5
11-piece	JEITCS-SET11	JEITCL-SET11



Turbo Endurance+ Coated TCT Sets

JEI size table

Set size	Short series code	Long series code
3-piece	JEIETCS-SET3	JEIETCL-SET3
5-piece	JEIETCS-SET5	JEIETCL-SET5
11-piece	JEIETCS-SET11	JEIETCL-SET11



Annular Cutter Pilot Pins

JEI size table

Order code	Length × diameter	Example cutter fit
JEIPILOT1	77 × 6.35 mm	Turbo Steel CS, Ø 10–65 mm
JEIPILOT2	103 × 6.35 mm	Turbo Steel CL, Ø 12–65 mm
JEIPILOT1/8MM	90 × 7.98 mm	Turbo Tough TCS, Ø 18–65 mm
JEIPILOT2/8MM	103 × 7.98 mm	Turbo Tough TCL, Ø 18–65 mm
JEIPILOT3/8MM	130 × 7.98 mm	Turbo Tough TCX, Ø 18–65 mm
JEIPILOT4/8MM	160 × 7.98 mm	Turbo Tough TCXL, Ø 18–65 mm
JEIPILOT6/8MM	205 × 7.98 mm	Turbo Tough TCXXL, Ø 18–65 mm
JEIPILOT8/8MM	255 × 7.98 mm	Turbo Tough TCXXXL, up to Ø 65 mm

Use the JEI pin chart for narrow bores, oversize cutters and detachable pins.

TCT Holesaws

Replace [Ø] with the diameter in mm. Choose the drive and cut depth before selecting the code.



2 mm Impact-Drive TCT Holesaws

JEI size table

Order code	Size or configuration
JEIHHXX[Ø]	14–40 mm Ø, ¼ in hex shank
JEIHHXX-PILOT	Replacement pilot



5 mm TCT Holesaws

JEI size table

Order code	Size or configuration
JEIHXS-[Ø]	14–100 mm, then 105–150 mm in 5 mm steps
JEIHXS-PILOT	Replacement pilot drill and spring



25 mm TCT Holesaws

JEI size table

Order code	Size or configuration
JEIHS-[Ø]	14–100 mm, then 105 / 110 / 115 / 120 mm
JEIHS-PILOT	Replacement pilot drill and spring



50 mm TCT Holesaws

JEI size table

Order code	Size or configuration
JEIHL-[Ø]	14–100 mm Ø in the JEI size table
JEIHL-PILOT	Replacement pilot drill and spring



6-Piece TCT Holesaw Sets

JEI size table

Order code	Size or configuration
JEIHXS-SET6	5 mm depth, Ø 14 / 16 / 18 / 20 / 22 / 25 mm
JEIHS-SET6	25 mm depth, Ø 16 / 18 / 19 / 20 / 22 / 25 mm



5 mm PG Gland Holesaws

JEI size table

Order code	Size	Gland
JEIHXS-15.2	15.2 mm Ø	PG 9
JEIHXS-18.6	18.6 mm Ø	PG 11
JEIHXS-20.4	20.4 mm Ø	PG 13.5
JEIHXS-22.5	22.5 mm Ø	PG 16
JEIHXS-28.3	28.3 mm Ø	PG 21
JEIHXS-SET5	5-piece set	PG 9 to PG 21

Twist Drills and Sheet Cutters

Match the shank or adaptor to your drill. Replace [Ø] with the diameter in mm where shown.



HSS Twist Drills for Chucks

JEI size table

Order code	Size or configuration
JEITWD-[Ø] MM	1–13 mm Ø in 0.5 mm steps

Example order code JEITWD-8 MM.



Turbo Twist Drills for Mag Drills

JEI size table

Order code	Size or configuration
JEITD-05	5 mm
JEITD-06	6 mm
JEITD-06.8	6.8 mm
JEITD-07	7 mm
JEITD-08	8 mm
JEITD-08.5	8.5 mm
JEITD-09	9 mm
JEITD-10	10 mm
JEITD-10.3	10.3 mm
JEITD-11	11 mm
JEITD-12	12 mm
JEITD-SET	4-piece set, Ø 6 / 8 / 10 / 12 mm
JEITD-SET5	5-piece set, Ø 6 / 7 / 8 / 10 / 12 mm

Supplied with a 19 mm shank adaptor. See the JEI table for spare drills.



Turbo Gold Step Drills

JEI size table

Order code	Size or configuration
JEISDT-5.4.12	4–12 mm Ø, 5 steps
JEISDT-9.4.20	4–20 mm Ø, 9 steps
JEISDT-13.6.30	6–30 mm Ø, 13 steps
JEISDT-SET3	3-piece set containing all three sizes



Mini Sheet-Metal Cutters

JEI size table

Order code	Size or configuration
JEISMC[Ø]	8–25 mm Ø. Use two digits for 08 and 09.
JEISMS002 / JEISMS003	Arbor / pilot pin for 8–20 mm cutters
JEISML002 / JEISML003	Arbor / pilot pin for 21–25 mm cutters
JEISMC-SET	7-piece set, Ø 8 / 10 / 12 / 14 / 16 / 18 / 20 mm

Confirm depth for 21–25 mm cutters with your supplier.

Countersinks and Burrs

Match countersinks to the head angle and diameter. Burr dimensions are head diameter × length.



Mag Drill Countersinks

JEI size table

Order code	Size or configuration
JEICSK-25	4–25 mm, 90°
JEICSK-30	4–30 mm, 90°
JEICSK-40	8–40 mm, 90°
JEICSK-50	10–50 mm, 90°
JEICSK-55	12–55 mm, 90°
JEICSK-55/C	12–55 mm, 60°
JEIECSK series	Turbo Endurance coated HSS
JEITCSK-50 / -60	Turbo Tough TCT, 14–50 / 14–60 mm, 90°
JEIETCSK-50 / -60	Turbo Endurance+ TCT, 14–50 / 14–60 mm, 90°



Turbo Gold Countersinks

JEI size table

Order code	Size or configuration
JEICSKM-6.3	6.3 mm
JEICSKM-8.3	8.3 mm
JEICSKM-10.4	10.4 mm
JEICSKM-12.4	12.4 mm
JEICSKM-16.5	16.5 mm
JEICSKM-20.5	20.5 mm
JEICSKM-SET	6-piece set, all sizes above

90° series for drill chucks.



Double-Cut Carbide Burrs

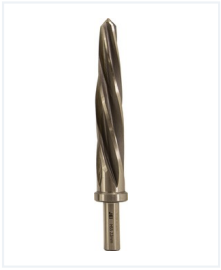
JEI size table

Order code	Size or configuration
JEITCB-A0616	Straight cylinder, 6 × 16 mm
JEITCB-C1020	Ball nose cylinder, 10 × 20 mm
JEITCB-D1009	Ball, 10 × 9 mm
JEITCB-F1020	Ball nose tree, 10 × 20 mm
JEITCB-G1225	Pointed tree, 12 × 25 mm
JEITCB-H1025	Flame, 10 × 25 mm
JEITCB-L1228	Ball nose cone, 12 × 28 mm
JEITCB-SET5	5-piece burr set
JEITCB-SET10	10-piece burr set

6 mm shank. See the JEI chart for the complete profile and size list.

Reamers

Check the starting hole diameter and material thickness in the JEI table before selecting the final size.



Straight-Shank Car Reamers

JEI size table

Order code	Size or configuration
JEICR14	14 mm
JEICR18	18 mm
JEICR22	22 mm
JEICR26	26 mm
JEICR-SET3	3-piece set, Ø 14 / 18 / 22 mm



Turbo Bridge Reamers

JEI size table

Order code	Size or configuration
JEITBR14	14 mm
JEITBR18	18 mm
JEITBR20	20 mm
JEITBR22	22 mm
JEITBR24	24 mm
JEITBR26	26 mm
JEITBR28	28 mm
JEITBR30	30 mm
JEITBR32	32 mm
JEITBR-SET3	3-piece set, Ø 14 / 18 / 22 mm
JEITBR-SET5	5-piece set, Ø 14 / 18 / 22 / 26 / 32 mm



Turbo Hex Bridge Reamers

JEI size table

Order code	Cut diameter	Hex size or set
JEIHR14	14 mm	24 mm
JEIHR18	18 mm	24 mm
JEIHR20	20 mm	36 mm
JEIHR22	22 mm	36 mm
JEIHR24	24 mm	41 mm
JEIHR26	26 mm	41 mm
JEIHR30	30 mm	41 mm
JEIHR32	32 mm	46 mm
JEIHR33	33 mm	46 mm
JEIHR36	36 mm	46 mm
JEIHR39	39 mm	50 mm
JEIHR-SET3	14 / 18 / 22 mm	3-piece set
JEIHR-SET5	14 / 18 / 22 / 26 / 32 mm	5-piece set



Turbo Step Reamers

JEI size table

Order code	Size or configuration
JEISR-8/16MM	8–16 mm Ø
JEISR-14/22MM	14–22 mm Ø
JEISR-20/28MM	20–28 mm Ø
JEISR-SET3	3-piece set containing all three sizes

Taps and Tap Holders

Select the thread size and pitch. Use the JEI references below to check the drill or holder setup.



Turbo M-Taps

JEI size table

Order code	Metric coarse	Max. mag drill depth
JEITAPM8	M8 × 1.25	17 mm
JEITAPM10	M10 × 1.5	20 mm
JEITAPM12	M12 × 1.75	20 mm
JEITAPM14	M14 × 2	18 mm
JEITAPM16	M16 × 2	20 mm
JEITAPM18	M18 × 2.5	20 mm
JEITAPM20	M20 × 2.5	25 mm
JEITAPM24	M24 × 3	26 mm
JEITAPM27	M27 × 3	29 mm
JEITAPM30	M30 × 3.5	31 mm

Through holes. A 12 mm limit applies with the JEI impact adaptor.



Drill & Tap in One

JEI size table

Order code	Size or configuration
JEIDT08	M8 × 1.25
JEIDT10	M10 × 1.5
JEIDT12	M12 × 1.75
JEIDT14	M14 × 2
JEIDT16	M16 × 2
JEIDT18	M18 × 2.5
JEIDT20	M20 × 2.5
JEIDT22	M22 × 2.5
JEIDT24	M24 × 3
JEIDT27	M27 × 3
JEIDT30	M30 × 3.5

For through holes. Start with a pilot hole.



19 mm DIN 376 Tap Holders

JEI size table

Order code	Tap size	Round tap shank
JEITH-M8	M8	6 mm
JEITH-M10	M10	7 mm
JEITH-M12	M12	9 mm
JEITH-M14	M14	11 mm
JEITH-M16	M16	12 mm
JEITH-M18	M18	14 mm
JEITH-M20	M20	16 mm
JEITH-M27	M27	18 mm
JEITH-M30	M30	22 mm
JEITH-M22/24	M22 / M24	18 mm

Drill Setup and Cutting Fluids

Confirm the spindle, tool shank and machine model when ordering a drill accessory.



Morse Taper Cutter Arbors

JEI size table

Spindle	19 mm cutter shank	31.75 mm cutter shank
2MT	JEIARBOR-2MT	—
3MT	JEIARBOR-3MT	JEIARBOR-3MT/32
4MT	JEIARBOR-4MT	JEIARBOR-4MT/32
5MT	—	JEIARBOR-5MT/32

JEI also lists coolant-feed and quick-release arbors.



Cutter Extensions

JEI size table

Order code	Extension length
JEICE-25 / JEICE-50	25 / 50 mm extension
JEICE-75 / JEICE-100	75 / 100 mm extension
JEICE-150	150 mm extension



Chuck and Spindle Adaptors

JEI size table

Order code	Size or configuration
JEICA-13MM/19	13 mm keyed chuck kit, 19 mm shank
JEICA-13MM/19QR	13 mm keyless chuck kit, 19 mm shank
JEICA-2MT / -3MT / -4MT	Chuck kits for matching Morse taper spindle
JEIADPT-19/32	19 mm arbor to 31.75 mm cutter
JEIADPT-32/19	31.75 mm arbor to 19 mm cutter
ST02	19 mm shank adaptor for 13 mm chuck



Impact Socket Adaptors

JEI size table

Order code	Size or configuration
JEIHEXS	½ in drive
JEIHEXL	¾ in drive

For compatible Turbo M-Taps and 19 mm shank Turbo Bridge reamers.



Pipe Chain Bases and Vacuum Pads

JEI size table

Order code	Size or configuration
JEICB-S / JEICB-M	For pipe Ø 80–250 mm as supplied
JEICB-L / JEICB-XL	For pipe Ø 150–500 mm as supplied
JEICB-18	Extra chain
JEIVPAD	Standard vacuum pad, 200 × 135 mm
JEIVPAD-L	Large vacuum pad, 300 × 250 mm

Confirm drill model and magnetic base dimensions before ordering.



Cutting Oils and Lubricants

JEI size table

Order code	Size or configuration
JEIOIL-SOL / JEIOIL-SOL/5	Water-soluble cutting oil, 1 L / 5 L
JEIOIL-NEAT / JEIOIL-NEAT/5	Neat cutting oil, 1 L / 5 L
JEIOIL-TTA	Drill and tap spray, 500 ml
JEIOIL-TEP	Overhead and vertical drilling paste, 500 ml