

Timus Tooling System Pvt Ltd



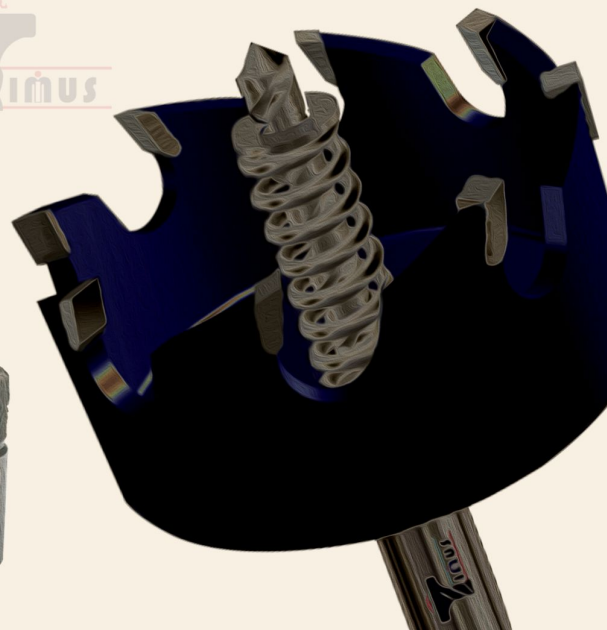
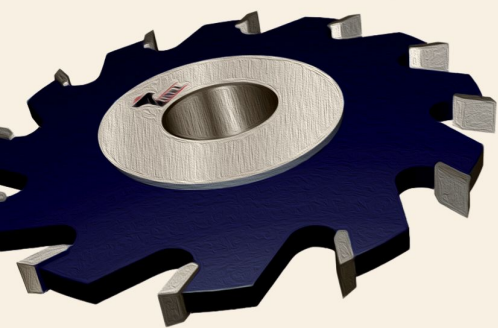
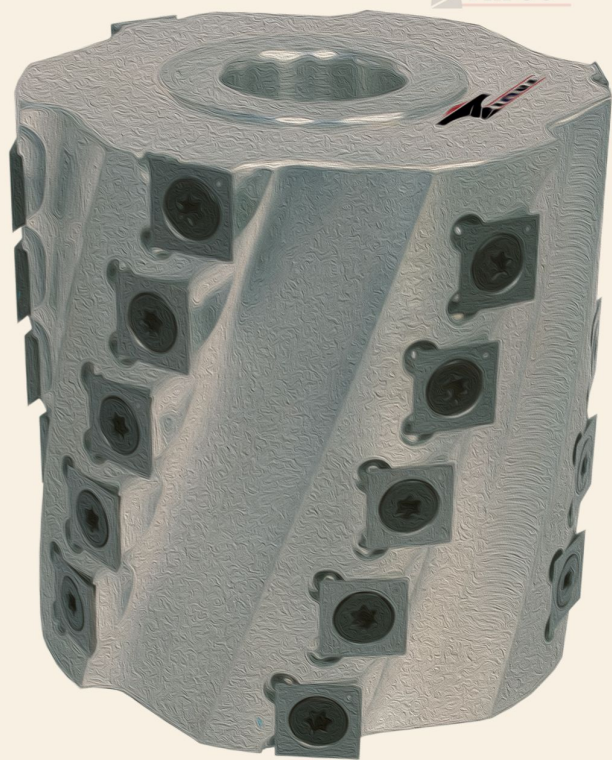
Where quality is never compromised...

AN ISO 9001 : 2015 CERTIFIED COMPANY

MARKET LEADER IN SAWS

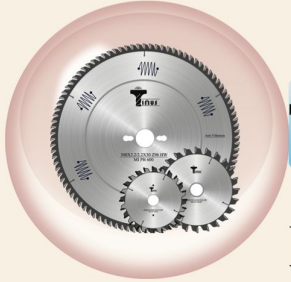


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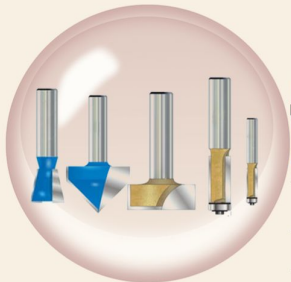
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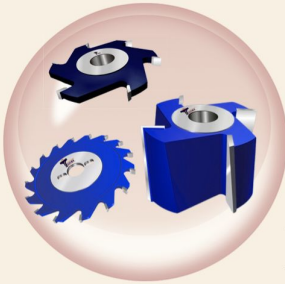


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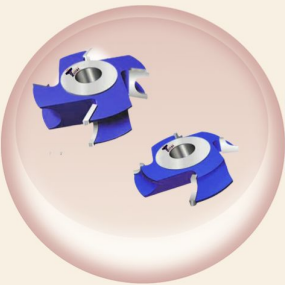
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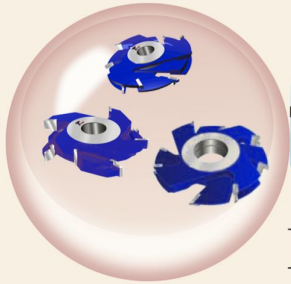


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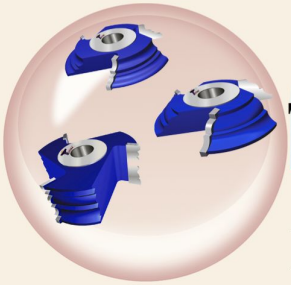
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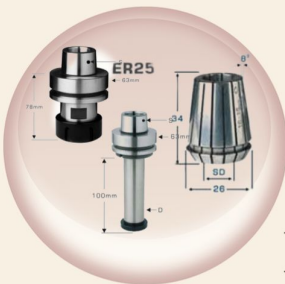
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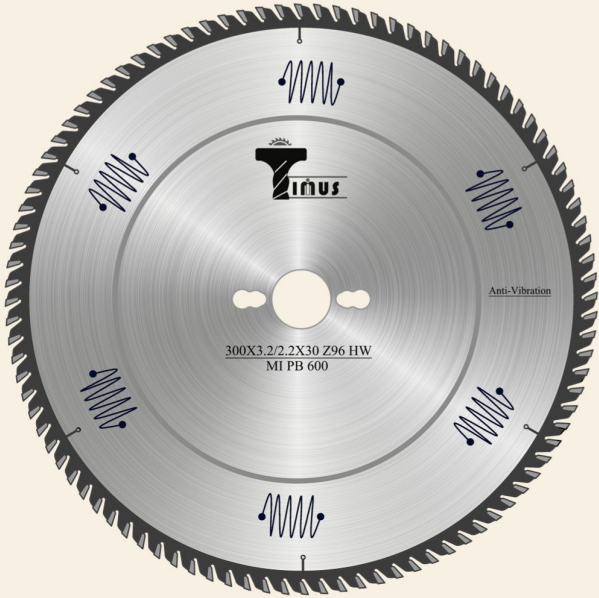


Clamping System

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PANEL SAW BLADE FOR MDF AND PARTICLE BOARD



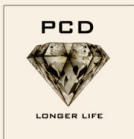
For sizing bilaminated panels along with the use of scoring saw blade with good finish and long cutting life.

Tooth Profile: Flat-triple chip tooth with positive cutting angle.

Materials: MDF, Particle Boards, Bi-Laminated Panels, Melamine Coated Panels

Machine: Horizontal panel saws, circular saws

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinholes	Code	Price
250	3.2	2.2	30	80	TT01	MI PB 500	4440
300	3.2	2.2	30	72	TT01	MI PB 510	4530
300	3.2	2.2	30	96	TT01	MI PB 600	4308
350	3.5	2.5	30	108	TT01	MI PB 601	6462



PCD PANEL SAW BLADES (30 TIMES LONGER LIFE)

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinholes	Code	Price
250	3.2	2.2	30	80	TT01	MI DPB 500	44617
300	3.2	2.2	30	72	TT01	MI DPB 510	46155
300	3.2	2.2	30	96	TT01	MI DPB 600	41700

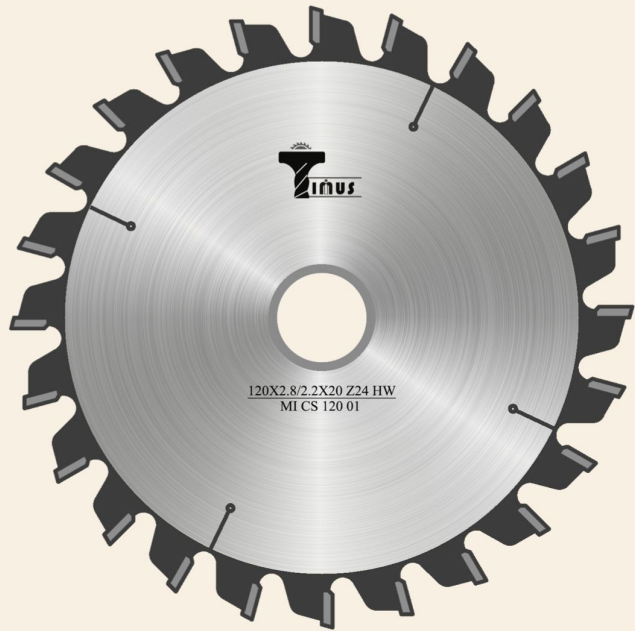
CONICAL SCORING SAW BLADE FOR PANEL PROCESSING

For scoring the coating on bilaminated panels

Tooth Profile: Conical Tooth with ATB 6°.

Materials: MDF, Bi-Laminated Panels.

Machine: Horizontal panel saw machines which allow vertical adjustment of the scorer in relation to the panel sizing saw blade kerf



D (mm)	B (mm)	b (mm)	d (mm)	Z	Code	Price
120	2.8-4.0	2.2	20	24	MI CS 120 01	2730
120	2.8-4.0	2.2	22	24	MI CS 120 02	2730
150	4.3-5.5	3.2	30	36	MI CS 150 01	4462
150	4.3-5.5	3.2	45	36	MI CS 150 02	4462
160	4.3-5.5	3.2	30	36	MI CS 160 01	4616
160	4.3-5.5	3.2	45	36	MI CS 160 02	4616
180	4.3-5.5	3.2	30	36	MI CS 180 01	4923
180	4.3-5.5	3.2	45	36	MI CS 180 02	4923
200	4.3-5.5	3.2	45	36	MI CS 200 01	5539
200	4.3-5.5	3.2	65	36	MI CS 200 02	5539

PCD



Conical PCD Scoring for Panel Saw Machines

D (mm)	B (mm)	b (mm)	d (mm)	Z	Code	Price
120	2.8-4.0	2.2	20	24	MI DCS 120 01	6600
120	2.8-4.0	2.2	22	24	MI DCS 120 02	6600



ADJUSTABLE SCORING SAW BLADE FOR PANEL PROCESSING



For scoring the coating on
bilaminated panels

Tooth Profile: Adjustable ATB with
positive cutting angle .

Materials: MDF, Bi-Laminated
Panels.

Machine: Horizontal panel saw
machines which allow vertical
adjustment of the scorer in relation to
the panel sizing saw blade kerf

D (mm)	B (mm)	d (mm)	Z	Code	Price
80	2.8-3.6	20	10+10	MI AS 80 01	2923
100	2.8-3.6	20	12+12	MI AS 100 01	2923
100	2.8-3.6	22	12+12	MI AS 100 02	2923
120	2.8-3.6	20	12+12	MI AS 120 01	2923
120	2.8-3.6	22	12+12	MI AS 120 02	2923



Adjustable PCD Scoring for Panel Saw Machine

D (mm)	B (mm)	d (mm)	Z	Code	Price
100	2.8-3.6	20	12+12	MI DAS 100 01	6462
120	2.8-3.6	20	12+12	MI DAS 120 01	6462
120	2.8-3.6	22	12+12	MI DAS 120 02	6462

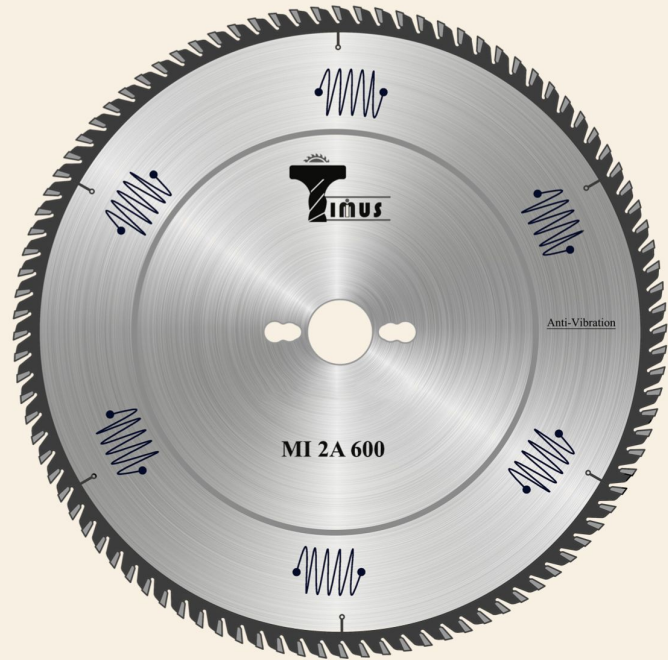
SAW BLADE FOR SOLID WOOD, PANELS AND COMPOSITES

For ripping and crosscutting

Tooth Profile: ATB tooth with positive cutting angle.

Materials: Soft and hard solid wood, unprocessed chipboard and plywood.

Machine: Circular Saws, DD Saws, Rip Saw, Portable Machines

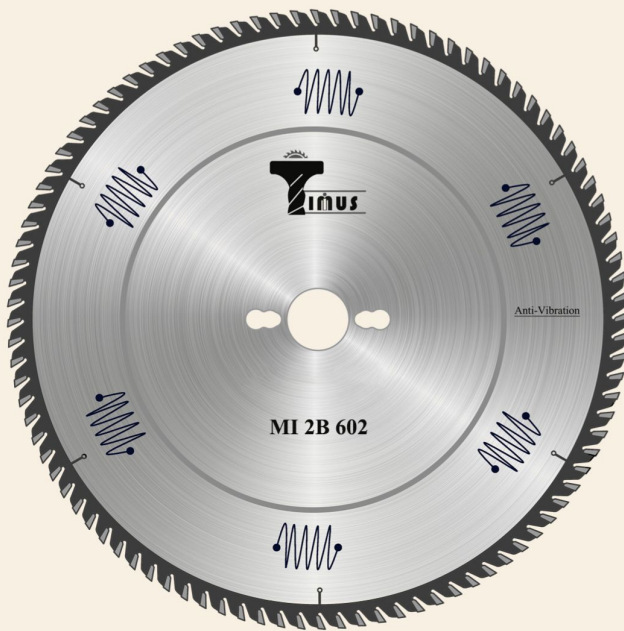


TT01: 2/7/42 + 2/9/46.4 + 2/10/60
TT02: 2/9/46.4 + 2/10/60

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinhole	Code	Price
250	3.2	2.2	30	40	TT01	MI 2A 500	3720
300	3.2	2.2	30	48	TT01	MI 2A 600	3810
350	3.5	2.5	30	54	TT02	MI 2A 700	5700
400	4.0	2.8	30	60	2/10/60	MI 2A 800	8760
450	4.4	3.0	30	66	2/10/60	MI 2A 900	10200
500	4.4	3.2	30	72	2/10/60+2/10/80	MI 2A 1000	12900
550	4.8	3.5	30	84	2/10/60+2/10/80	MI 2A 1100	16500
600	5.4	4.0	30	96	2/10/80	MI 2A 1200	19200



SAW BLADE FOR SOLID WOOD, PANELS AND COMPOSITES



For ripping and crosscutting

Tooth Profile: ATB tooth with positive cutting angle.

Materials: Soft and hard solid wood, unprocessed chipboard and plywood.

Machine: Circular Saws, DD Saws, Rip Saw, Portable Machines

TT01: 2/7/42 + 2/9/46.4 + 2/10/60
TT02: 2/9/46.4 + 2/10/60

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinhole	Code	Price
250	3.2	2.2	30	48	TT01	MI 2B 501	3810
250	3.2	2.2	30	60	TT01	MI 2B 502	3990
300	3.2	2.2	30	60	TT01	MI 2B 601	4080
300	3.2	2.2	30	72	TT01	MI 2B 602	4260
350	3.5	2.5	30	72	TT02	MI 2B 701	5970
350	3.5	2.5	30	84	TT02	MI 2B 702	6060
400	4.0	2.8	30	96	2/10/60	MI 2B 801	8850
450	4.4	3.0	30	96	2/10/60	MI 2B 900	10920
500	4.4	3.2	30	108	2/10/60+2/10/80	MI 2B 1000	13800
550	4.8	3.5	30	120	2/10/60+2/10/80	MI 2B 1100	18300
600	5.4	4.0	30	132	2/10/80	MI 2B 1200	21900

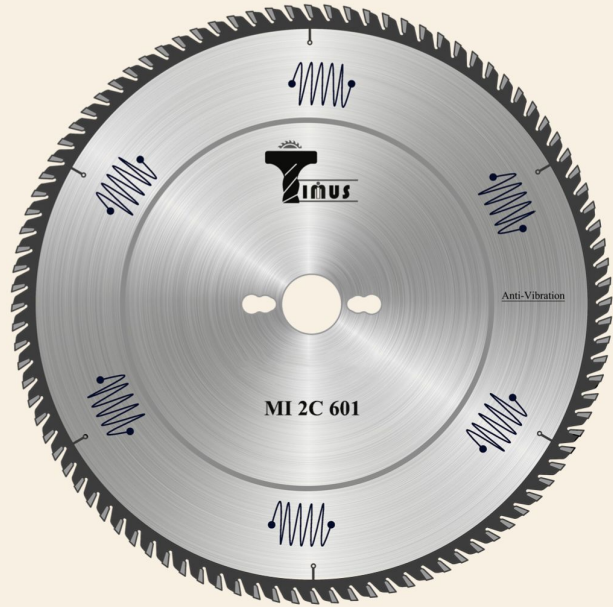
SAW BLADE FOR SOLID WOOD, PANELS AND COMPOSITES

For crosscutting solid wood.

Tooth Profile: ATB tooth with positive cutting angle.

Materials: Soft, exotic and hard solid wood, chipboard, thermoplastic wood composites, MDF laminated on one side.

Machine: Circular Saws, DD Saws, Rip Saw, Portable Machines



TT01: 2/7/42 + 2/9/46.4 + 2/10/60
TT02: 2/9/46.4 + 2/10/60

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinhole	Code	Price
250	3.2	2.2	30	80	TT01	MI 2C 501	4000
250	3.2	2.2	30	100	TT01	MI 2C 502	4260
300	3.2	2.2	30	96	TT01	MI 2C 601	4308
300	3.2	2.2	30	120	TT01	MI 2C 602	4980
350	3.5	2.5	30	108	TT02	MI 2C 700	6462
400	3.8	2.8	30	120	2/10/60	MI 2C 800	9300
450	4.4	3.0	30	132	TT02	MI 2C 900	12900
500	4.4	3.2	30	144	2/10/60+2/10/80	MI 2C 1000	14700
550	4.8	3.5	30	156	2/10/60+2/10/80	MI 2C 1100	21900
600	5.4	4.0	30	168	2/10/80	MI 2C 1200	22800



SAW BLADE FOR PANEL SIZING ON BEAM SAW MACHINES



For sizing single or multiple panels.

Tooth Profile: Flat triple chip tooth with positive cutting angle.

Materials: Chipboard or MDF laminated with melamine or plastic materials

Machine: Beam Saw Machine

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinholes	Code	Price
300	4.4	3.0	30	72	2/10/60	MI BS 601	8940
300	4.4	3.0	60	72	2/14/100	MI BS 602	8940
320	4.4	3.2	65	72	2/9/110	MI BS 640	9750
350	4.4	3.2	30	72	2/10/60	MI BS 701	9840
350	4.4	3.2	60	72	2/14/100	MI BS 702	9840
350	4.4	3.2	65	72	2/9/110	MI BS 703	9840
350	4.4	3.2	75	72	4/15/105	MI BS 704	9840
400	4.4	3.2	75	72	4/15/105	MI BS 800	12900
450	4.8	3.5	60	72	2/14/125	MI BS 900	14700

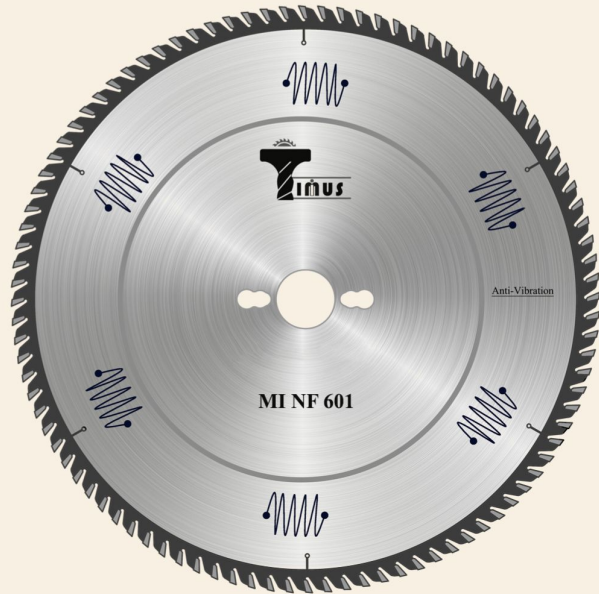
SAW BLADE FOR NON FERROUS AND UPVC

For cutting non ferrous and u-PVC material

Tooth Profile: TCG tooth with positive cutting angle

Materials: Aluminium, non ferrous, polymeric materials, PVC

Machine: Circular Saws, Horizontal Panel Saw Machine



TT01: 2/7/42 + 2/9/46.4 + 2/10/60
TT02: 2/9/46.4 + 2/10/60

D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinholes	Code	Price
250	2.8	2.2	30	100	TT01	MI NF 500	4260
255	2.8	2.2	25.4	100		MI NF 510	4296
300	3.5	3.0	30	72	TT02	MI NF 600	4530
300	3.5	3.0	30	96	TT02	MI NF 601	4769
300	3.0	2.5	30	100	TT02	MI NF 602	5700
300	3.0	2.5	30	120	TT02	MI NF 603	5846
305	3.0	2.5	25.4	120		MI NF 610	5880
350	3.5	3.0	30	84	TT02	MI NF 700	7500
350	3.5	3.0	30	108	2/11/63	MI NF 701	7846
350	3.0	2.5	30	100	TT02	MI NF 702	6060
350	3.0	2.5	30	120	TT02	MI NF 703	6150
380	3.5	3.0	32	112	2/11/63	MI NF 760	10200
400	3.5	3.0	30	96	2/11/63	MI NF 800	8850
400	3.5	3.0	32	96	2/11/63	MI NF 801	8850
400	3.5	3.0	30	120	2/11/63	MI NF 802	9300
420	3.5	3.0	30	96	2/11/70	MI NF 840	10200
420	3.5	3.0	30	120	2/11/70	MI NF 841	12900
450	4.0	3.2	30	108	2/11/63	MI NF 900	13231
450	4.0	3.2	30	128		MI NF 901	12990
450	4.0	3.2	32	128	2/11/63	MI NF 402	12990
500	4.0	3.2	30	120	2/10.5/70	MI NF 1000	13980
500	4.0	3.2	32	120	2/11/63	MI NF 1001	13980
500	4.0	3.2	30	140	2/10.5/70	MI NF 1002	14970
500	4.0	3.2	32	140	2/11/63	MI NF 1003	14970
530	4.2	3.5	30	126	2/10.5/70	MI NF 1060	18300
550	4.2	3.5	30	132	2/10.5/70	MI NF 1100	19200
600	4.8	3.8	30	156		MI NF 1200	21900



STRAIGHT LINE RIP SAW



For ripping on straight line rip saw.

Tooth Profile: ATB tooth with positive cutting angle.

Materials: Solid Wood

Machine: Straight line rip saw

D (mm)	B (mm)	d (mm)	Z	Pinholes	Code	Price
305	5.0	50.8	48	2/16/29	MI RIP 600	8462
355	5.0	50.8	70	2/16/29	MI RIP 710	9030
405	5.0	50.8	70	2/16/29	MI RIP 810	11920
455	5.0	50.8	70	2/16/29	MI RIP 860	14520

Multi-Ripping Saw Blades with Rakers

Saw Blade Suitable for Ripping

Tooth Profile: ATB 10° tooth

Materials: Soft and Hardwood dried at 15% humidity rate

Machine: Multi-ripping Machines



D (mm)	B (mm)	b (mm)	D (mm)	Z	Pinholes	Code	Price
250	3.2	2.2	30	20+2+2	2CH 10X4 + FT02	MR 04 0100	4154
250	3.2	2.2	60	20+2+2	4CH 21X5	MR 04 0200	4154
250	3.2	2.2	70	20+2+2	4CH 21X5	MR 04 0300	4154
250	3.2	2.2	80	20+2+2	2CH 13X5 + 2CH 21X5	MR 04 0400	4154
300	3.2	2.2	30	24+2+2	2CH 10X4 + FT02	MR 04 0500	4616
300	3.2	2.2	60	24+2+2	4CH 21X5	MR 04 0600	4616
300	3.2	2.2	70	24+2+2	4CH 21X5	MR 04 0700	4616
300	3.2	2.2	80	24+2+2	2CH 13X5 + 2CH 21X5	MR 04 0800	4616
350	3.5	2.5	30	28+2+4	2CH 10X4 + FT02	MR 04 1100	6000
350	3.5	2.5	60	28+2+4	4CH 21X5	MR 04 1200	6000
350	3.5	2.5	70	28+2+4	4CH 21X5	MR 04 1300	6000
350	3.5	2.5	80	28+2+4	2CH 13X5 + 2CH 21X5	MR 04 1400	6000
400	4.0	2.8	30	28+2+4	2CH 10X4 + FT02	MR 04 1500	7846
400	4.0	2.8	70	28+2+4	4CH 21X5	MR 04 1600	7846
400	4.0	2.8	80	28+2+4	2CH 13X5 + 2CH 21X5	MR 04 1700	7846



Use On : Hand cutters, Portable Saws, Table Saws.



D (mm)	B (mm)	b (mm)	d (mm)	Z	Pinholes	Code	Price
110	2.0	1.2	20	30		ECO 04030	200
110	2.0	1.2	20	40		ECO 04040	215
127	2.0	1.2	20	30		ECO 05030	245
127	2.0	1.2	20	40		ECO 05040	260
180	2.3	1.5	25.4	40		ECO 07040	395
180	2.3	1.5	25.4	60		ECO 07060	425
200	2.4	1.6	25.4	40		ECO 08040	485
200	2.4	1.6	25.4	60		ECO 08060	500
230	2.8	1.8	25.4	40		ECO 09040	617
250	2.8	1.8	25.4	40		ECO 10040	620
250	2.8	1.8	25.4	60		ECO 10060	740
250	2.8	1.8	25.4	100		ECO AL 10100	1625
300	3.2	2.2	25.4/30	48		ECO 12048	1850
300	3.2	2.2	25.4/30	60		ECO 12060	2000
300	3.2	2.2	25.4/30	100		ECO AL 12100	2400
355	3.2	2.2	25.4	120		ECO AL 14120	3650
400	3.6	2.6	30	100		ECO 16040	5600
400	3.6	2.6	30	120		ECO AL 16120	6200
450	4.0	3.0	30	120		ECO AL 18120	9500
450	4.0	3.0	30	108		ECO 18108	6950

Two Flute Solid Carbide Spiral Bit (End Mill) - AT.TFS

Application: Used for Ripping, Template Routing, Panel Sizing & Through & blind cutting Application on Solid wood, MDF, Particle board, Melamine board, Wood Composites, Plastic materials and Laminates.

Use On: All CNC machine & Highspeed Router Machines

Technical Details:

#Professional quality Carbide rods

#2 Straight edges

#Provides excellent finish

#Upward Chip ejection



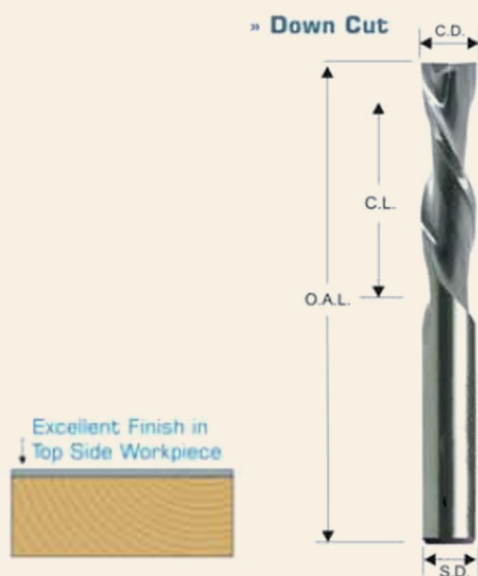
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.TFS.02.12	2	3	12	50		308
TT.TFS.03.15	3	3	15	50		346
TT.TFS.04.20	4	4	20	55		400
TT.TFS.05.20	5	5	20	60		538
TT.TFS.06.22	6	6	22	60		692
TT.TFS.08.30	8	8	30	65		1077
TT.TFS.10.30	10	10	30	70		1692
TT.TFS.12.30	12	12	30	75		2231
TT.TFS.14.50	14	14	50	100		4308
TT.TFS.16.50	16	16	50	100		5231
TT.TFS.18.50	18	18	50	100		6462
TT.TFS.20.50	20	20	50	100		7385

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.TFS.03.25	3	3	25	65	2	538
TT.TFS.04.35	4	4	35	75	2	769
TT.TFS.05.35	5	5	35	75	2	923
TT.TFS.06.35	6	6	35	75	2	1154
TT.TFS.06.50	6	6	50	100	2	1385
TT.TFS.08.40	8	8	40	75	2	1615
TT.TFS.08.50	8	8	50	100	2	1846
TT.TFS.10.40	10	10	40	75	2	2154
TT.TFS.10.50	10	10	50	100	2	2769
TT.TFS.10.75	10	10	75	150	2	3846
TT.TFS.12.40	12	12	40	75	2	2462
TT.TFS.12.50	12	12	50	100	2	3385
TT.TFS.12.75	12	12	75	150	2	4923
TT.TFS.14.75	14	14	75	150	2	6462
TT.TFS.16.75	16	16	75	150	2	8000
TT.TFS.18.75	18	18	75	150	2	10000
TT.TFS.20.75	20	20	75	150	2	11077

Two Flute Spiral Carbide Down Cut

spiral Bit- TT.TFS.DT



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.TFS.DC.03.15	3	3	15	55	2	462
TT.TFS.DC.04.20	4	4	20	60	2	615
TT.TFS.DC.05.20	5	5	20	60	2	769
TT.TFS.DC.06.22	6	6	22	65	2	923
TT.TFS.DC.08.30	8	8	30	70	2	1462
TT.TFS.DC.10.30	10	10	30	70	2	2000
TT.TFS.DC.12.30	12	12	30	75	2	2615



Two Flute solid Carbide Ball Nose Bit - TT.TFB

Application: The tool can be used for carving and producing a smooth edge cut on solid wood, MDF, Wood Composites, Plastic Materials and Laminates. Can be used at High Feed speed on well workpiece.

Used On: CNC Routers and Hand-held Routers equipped with Chucks or Adaptors.

Technical Details:

- #Professional quality Carbide rods
- #2 Straight cutting edges(2 Flute)
- #Provide an excellent finish
- #Upward chip ejection

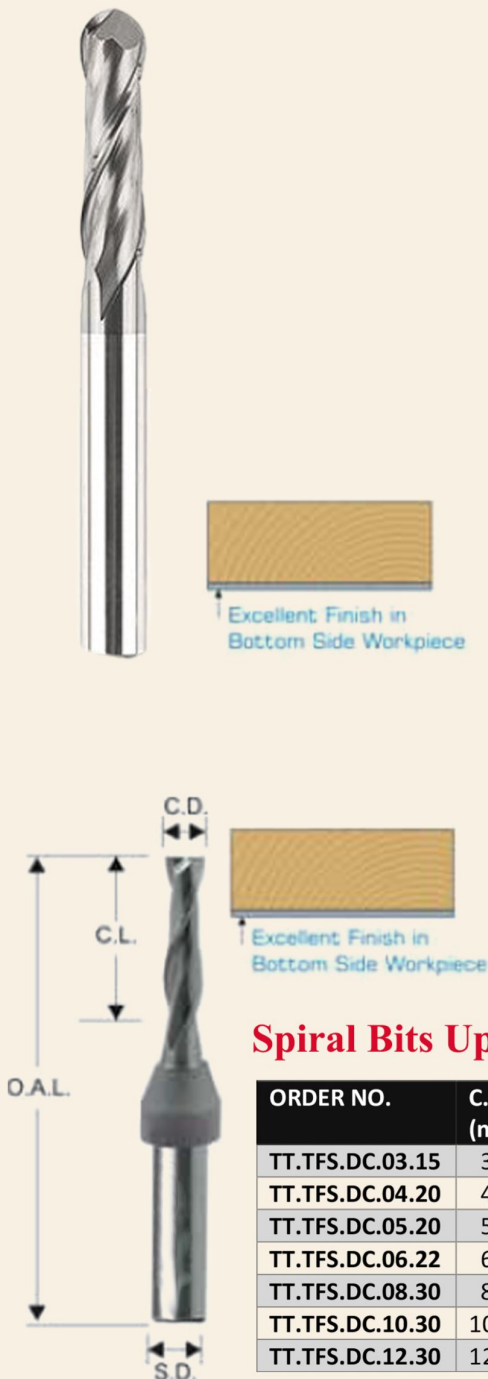
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.TFS.02.12	2	3	12	50		308
TT.TFS.03.15	3	3	15	50		346
TT.TFS.04.20	4	4	20	55		400
TT.TFS.05.20	5	5	20	60		538
TT.TFS.06.22	6	6	22	60		692
TT.TFS.08.30	8	8	30	65		1077
TT.TFS.10.30	10	10	30	70		1692
TT.TFS.12.30	12	12	30	75		2231
TT.TFS.14.50	14	14	50	100		4308
TT.TFS.16.50	16	16	50	100		5231
TT.TFS.18.50	18	18	50	100		6462
TT.TFS.20.50	20	20	50	100		7385

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.TFS.03.25	3	3	25	65	2	538
TT.TFS.04.35	4	4	35	75	2	769
TT.TFS.05.35	5	5	35	75	2	923
TT.TFS.06.35	6	6	35	75	2	1154
TT.TFS.06.50	6	6	50	100	2	1385
TT.TFS.08.40	8	8	40	75	2	1615
TT.TFS.08.50	8	8	50	100	2	1846
TT.TFS.10.40	10	10	40	75	2	2154
TT.TFS.10.50	10	10	50	100	2	2769
TT.TFS.10.75	10	10	75	150	2	3846
TT.TFS.12.40	12	12	40	75	2	2462
TT.TFS.12.50	12	12	50	100	2	3385
TT.TFS.12.75	12	12	75	150	2	4923
TT.TFS.14.75	14	14	75	150	2	6462
TT.TFS.16.75	16	16	75	150	2	8000
TT.TFS.18.75	18	18	75	150	2	10000
TT.TFS.20.75	20	20	75	150	2	11077

Spiral Bits Up Cut with Solid Carbide Insert -TT.SIN

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.TFS.DC.03.15	3	3	15	55	2	462
TT.TFS.DC.04.20	4	4	20	60	2	615
TT.TFS.DC.05.20	5	5	20	60	2	769
TT.TFS.DC.06.22	6	6	22	65	2	923
TT.TFS.DC.08.30	8	8	30	70	2	1462
TT.TFS.DC.10.30	10	10	30	70	2	2000
TT.TFS.DC.12.30	12	12	30	75	2	2615



Two flute Solid Carbide Straight Bit - TT.ST

Application: The tool can be used for Through & Blind cutting, Rabbeting, Grooving, Trimming & Copying of raw material, Solidwood, Melamine board, MDF, Practical board & Laminated plyboard

Use On: CNC Routers & Hand held Routers equipped with Chucks or Adaptors.

Technical Details:

#Professional quality Carbide Rods

#2 Straight Cutting edges

#Provides excellent bottom finish

#Upward Chip ejection



ORDER NO.	C.D. (m m)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.ST.4.4.15	4	4	15	55	2	462
TT.ST.4.4.20	4	4	20	55	2	462
TT.ST.4.6.20	4	6	20	60	2	615
TT.ST.5.6.25	5	6	25	60	2	692
TT.ST.5.8.25	5	8	25	65	2	1077
TT.ST.6.6.20	6	6	20	60	2	692
TT.ST.6.6.25	6	6	25	60	2	692
TT.ST.6.6.30	6	6	30	60	2	769
TT.ST.6.6.40	6	6	40	75	2	923
TT.ST.6.8.25	6	8	25	65	2	1000
TT.ST.8.8.25	8	8	25	65	2	1077
TT.ST.8.8.30	8	8	30	65	2	1077
TT.ST.8.8.40	8	8	40	75	2	1385
TT.ST.8.8.50	8	8	50	100	2	1615
TT.ST.10.10.30	10	10	30	70	2	1692
TT.ST.10.10.40	10	10	40	75	2	2154
TT.ST.10.10.50	10	10	50	100	2	2462
TT.ST.10.10.75	10	10	75	150	2	3846
TT.ST.12.12.30	12	12	30	75	2	2308
TT.ST.12.12.40	12	12	40	75	2	2462
TT.ST.12.12.50	12	12	50	100	2	3077
TT.ST.12.12.75	12	12	75	150	2	4923

Straight Bits with Solid Carbide Insert - TT.INS

Application: Design to provide a smoother finished cut used in specially for ACP, Acrylic, Plastics, Laminated Panel & Aluminium Composite Panel with upward chip removal long life.



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.INS.02.6.6	2	6	6	45	1	385
TT.INS.02.6.8	2	8	6	45	1	385
TT.INS.03.8.6	3	6	8	50	2	385
TT.INS.03.8.8	3	8	8	50	2	385
TT.INS.03.15.6	3	6	15	60	2	462
TT.INS.03.15.8	3	8	15	60	2	462
TT.INS.03.10.12	3	12	10	50	2	462
TT.INS.04.12.6	4	6	12	55	2	500
TT.INS.04.12.8	4	8	12	55	2	500
TT.INS.04.20.8	4	8	20	60	2	577
TT.INS.04.15.12	4	12	15	55	2	577
TT.INS.04.20.12	4	12	20	60	2	577
TT.INS.06.25.12	6	12	25	65	2	769
TT.INS.08.30.12	8	12	30	75	2	1385



Four Flute Solid Carbide Spiral Bit - TT.FFS

Application: The tool can be used for Through & Blind cutting, Rabbeting, Grooving, Trimming & Copying of raw material, Solidwood, Melamine board, MDF, Practical board & Laminated plyboard

Use On: CNC Routers & Hand held Routers equipped with Chucks or Adaptors.

Technical Details:

#Professional quality Carbide Rods

#2 Straight Cutting edges

#Provides excellent bottom finish

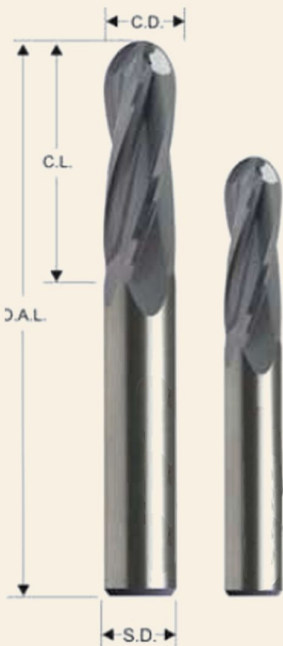
#Upward Chip ejection



Excellent Finish in Bottom Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.FFS.03.15	3	3	15	50	4	415
TT.FFS.03.20	3	3	20	50	4	415
TT.FFS.04.20	4	4	20	55	4	508
TT.FFS.04.40	4	4	40	75	4	846
TT.FFS.04.45	4	4	45	100	4	1000
TT.FFS.05.20	5	5	20	60	4	654
TT.FFS.05.40	5	5	40	75	4	1000
TT.FFS.05.45	5	5	45	100	4	1077
TT.FFS.06.22	6	6	22	60	4	808
TT.FFS.06.40	6	6	40	75	4	1308
TT.FFS.06.45	6	6	45	100	4	1615
TT.FFS.08.25	8	8	25	65	4	1154
TT.FFS.08.40	8	8	40	75	4	1846
TT.FFS.08.50	8	8	50	100	4	2154
TT.FFS.10.30	10	10	30	70	4	1846
TT.FFS.10.50	10	10	50	100	4	3077
TT.FFS.12.30	12	12	30	75	4	2462
TT.FFS.12.50	12	12	50	100	4	3846

Four Flute Solid Carbide Ball Nose Bits- TT.FFB



Excellent Finish in Bottom Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.FFB.03.15	3	3	15	50	4	415
TT.FFB.04.20	4	4	20	55	4	508
TT.FFB.04.25	4	4	25	75	4	846
TT.FFB.05.20	5	5	20	60	4	654
TT.FFB.05.25	5	5	25	75	4	1000
TT.FFB.06.20	6	6	20	60	4	808
TT.FFB.06.30	6	6	30	75	4	1308
TT.FFB.08.20	8	8	20	65	4	1154
TT.FFB.08.30	8	8	30	75	4	1846
TT.FFB.10.30	10	10	30	70	4	1846
TT.FFB.12.30	12	12	30	75	4	2462

Single Flute Solid Carbide up Cut Spiral Bit - TT.SFS

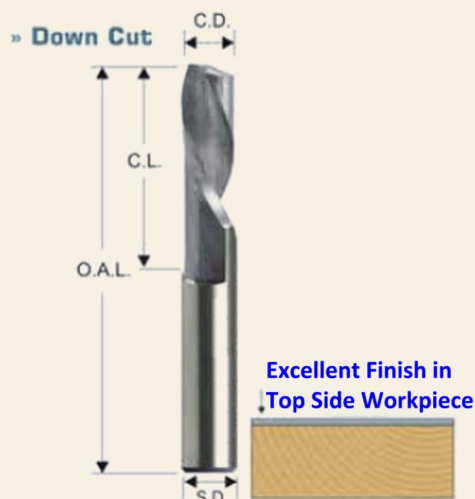


Application: Design to provide a smoother cut and rout wood composite where upward chip removal, Long life and Quality finish are desired.

Use In: ACP, Acrylic, Shine Board & Plastic

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.SFS.03.12	3	3	12	50	1	415
TT.SFS.04.15	4	4	15	55	1	538
TT.SFS.05.15	5	5	15	60	1	615
TT.SFS.06.20	6	6	20	60	1	769
TT.SFS.08.25	8	8	25	65	1	1231
TT.SFS.10.30	10	10	30	70	1	1846

Single Flute Solid Carbide Down Cut Spiral Bit - TT.SFS



Application: Design to provide a smoother cut and rout wood composite where upward chip removal, Long life and Quality finish are desired.

Use In: ACP, Acrylic, Shine Board & Plastic

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.SFS.03.12.D	3	3	12	55	1	538
TT.SFS.04.15.D	4	4	15	55	1	615
TT.SFS.05.15.D	5	5	15	55	1	769
TT.SFS.06.20.D	6	6	20	60	1	923
TT.SFS.08.25.D	8	8	25	65	1	1462
TT.SFS.10.30.D	10	10	30	70	1	2000

HSS Single Flute Spiral Bit for Aluminium Cutting - TT.AL



Application: Features single flute design allowing both efficient and effective carving on all types of Aluminium.

Use On: We have specialized in Single Flute Cutters for high speed Routers & Copy routers

Use In: Aluminium & PVC Windows & Doors

ORDER NO.	C.D. (mm)	C.L. (mm)	N.C. (mm)	O.A.L. (mm)	S.D. (mm)	PRICE
TT.AL.5.25.80	5	25		80	8	1615
TT.AL.5.14.125	5	14	65	125	8	2462
TT.AL.6.14.80	6	14		80	8	1385
TT.AL.8.14.80	8	14		80	8	1231
TT.AL.10.14.80	10	14		80	8	1692

Solid Carbide Engraving Router Bit - TT.SFS

Application: To be used on all CNC Routers for engraving of raw material,
Solid wood, Melamine board, MDF & Laminated plyboard



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.EG.04.30	4	4	30	55	1	462
TT.EG.04.60	4	4	60	55	1	562
TT.EG.06.30	6	6	30	60	1	769
TT.EG.06.60	6	6	60	60	1	769
TT.EG.08.30	8	8	30	65	1	1077
TT.EG.08.60	8	8	60	65	1	1077

Solid Carbide Tapered Ball Nose Spiral Bit - TT.TBS

Application: To be used on all CNC Routers for engraving of raw material,
Solid wood, Melamine board, MDF & Laminated plyboard



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.TBS.02.35.6	2	6	35	75	2	1385
TT.TBS.02.35.8	2	8	35	75	2	1846
TT.TBS.03.35.6	3	6	35	75	2	1385
TT.TBS.03.35.8	3	8	35	75	2	1846
TT.TBS.04.35.6	4	6	35	75	2	1385
TT.TBS.04.35.8	4	8	35	75	2	1846

Solid Carbide Straight Taper Ball Nose Bit - TT.STB

Application: To be used on all CNC Routers for engraving of raw material,
Solid wood, Melamine board, MDF & Laminated plyboard



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.STB.03.35.6	3	6	35	75	2	1385
TT.STB.03.35.8	3	8	35	75	2	1846
TT.STB.04.35.6	4	6	35	75	2	1385
TT.STB.04.35.8	4	8	35	75	2	1846

Three Flute Solid Carbide Upcut Spiral Bits - TT.3FS.UC

Application: To be used for Ripping, Template Routing, Panel

sizing and any Routing application on solid wood

Use On: CNC Routers and Hand held routers

equipped with Chucks or Adaptors

Technical Details:

#Professional quality Carbide rods

3 spiral cutting edges

#Upward chip ejection



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.3FS.UC.08.22	8	8	22	65	3	1692
TT.3FS.UC.08.32	8	8	32	70	3	2000
TT.3FS.UC.10.32	10	10	32	70	3	2462
TT.3FS.UC.10.42	10	10	42	90	3	3846
TT.3FS.UC.10.52	10	10	52	100	3	4000
TT.3FS.UC.12.32	12	12	32	75	3	3231
TT.3FS.UC.12.42	12	12	42	90	3	4769
TT.3FS.UC.12.52	12	12	52	100	3	4923
TT.3FS.UC.14.42	14	14	42	100	3	6308
TT.3FS.UC.14.52	14	14	52	100	3	6462
TT.3FS.UC.16.42	16	16	42	100	3	8000
TT.3FS.UC.16.52	16	16	52	100	3	8154
TT.3FS.UC.16.75	16	16	75	125	3	10462
TT.3FS.UC.18.52	18	18	52	100	3	8616
TT.3FS.UC.18.75	18	18	75	125	3	12616
TT.3FS.UC.20.52	20	20	52	100	3	10154
TT.3FS.UC.20.75	20	20	75	125	3	14154
TT.3FS.UC.20.102	20	20	102	150	3	15077

Three Flute Solid Carbide Down cut Spiral Bits - TT.3FS.DC

Application: To be used for Ripping, Template Routing, Panel

sizing and any Routing application on solid wood

Use On: CNC Routers and Hand held routers

equipped with Chucks or Adaptors

Technical Details:

#Professional quality Carbide rods

3 spiral cutting edges

#Upward chip ejection

#Excelent bottom finish



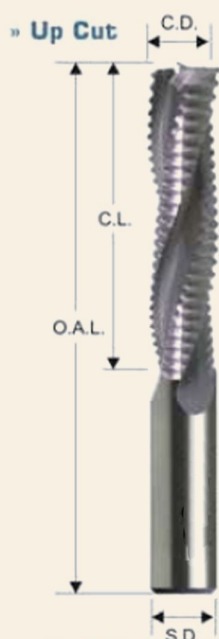
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.3FS.DC.08.22	8	8	22	65	3	1692
TT.3FS.DC.08.32	8	8	32	70	3	2000
TT.3FS.DC.10.32	10	10	32	70	3	2462
TT.3FS.DC.10.42	10	10	42	90	3	3846
TT.3FS.DC.10.52	10	10	52	100	3	4000
TT.3FS.DC.12.32	12	12	32	75	3	3231
TT.3FS.DC.12.42	12	12	42	90	3	4769
TT.3FS.DC.12.52	12	12	52	100	3	4923
TT.3FS.DC.14.42	14	14	42	100	3	6308
TT.3FS.DC.14.52	14	14	52	100	3	6462
TT.3FS.DC.16.42	16	16	42	100	3	8000
TT.3FS.DC.16.52	16	16	52	100	3	8154
TT.3FS.DC.16.75	16	16	75	125	3	10462
TT.3FS.DC.18.52	18	18	52	100	3	8616
TT.3FS.DC.18.75	18	18	75	125	3	12616
TT.3FS.DC.20.52	20	20	52	100	3	10154
TT.3FS.DC.20.75	20	20	75	125	3	14154
TT.3FS.DC.20.102	20	20	102	150	3	15077



Solid Carbide Up Cut Spiral Bits with Chipbreaker - TT.CBU

Application: To be used for Ripping, Template Routing, Panel sizing and any Routing application on solid wood

Use On: CNC Routers and Hand held routers equipped with Chucks or Adaptors



Technical Details:

#Professional quality Carbide rods

3 spiral cutting edges

#Upward chip ejection

#Excelent bottom finish



Excellent Finish in
Bottom Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.3FS.CBU.08.22	8	8	22	65	3	3462
TT.3FS.CBU.08.32	8	8	32	70	3	4231
TT.3FS.CBU.10.32	10	10	32	70	3	5769
TT.3FS.CBU.10.42	10	10	42	90	3	7308
TT.3FS.CBU.10.52	10	10	52	100	3	8308
TT.3FS.CBU.12.32	12	12	32	75	3	7539
TT.3FS.CBU.12.42	12	12	42	90	3	8769
TT.3FS.CBU.12.52	12	12	52	100	3	9539
TT.3FS.CBU.14.42	14	14	42	100	3	11923
TT.3FS.CBU.14.52	14	14	52	100	3	12693
TT.3FS.CBU.16.42	16	16	42	100	3	14231
TT.3FS.CBU.16.52	16	16	52	100	3	15539
TT.3FS.CBU.16.62	16	16	62	100	3	16770
TT.3FS.CBU.18.52	18	18	52	100	3	18462
TT.3FS.CBU.18.75	18	18	75	130	3	21077
TT.3FS.CBU.20.52	20	20	52	100	3	20770
TT.3FS.CBU.20.75	20	20	75	130	3	23385
TT.3FS.CBU.20.102	20	20	102	150	3	26462

Solid Carbide Down Cut Spiral Bits with Chipbreaker - TT.CBD

Application: To be used for Ripping, Template Routing, Panel sizing and any Routing application on solid wood

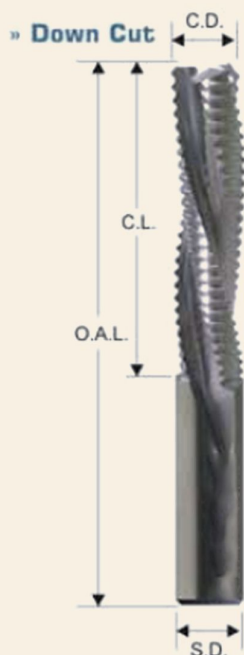
Use On: CNC Routers and Hand held routers equipped with Chucks or Adaptors

#Professional quality Carbide rods

3 spiral cutting edges

#Upward chip ejection

#Excelent bottom finish



Excellent Finish in
Top Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.3FS.CBD.08.22	8	8	22	65	3	3462
TT.3FS.CBD.08.32	8	8	32	70	3	4231
TT.3FS.CBD.10.32	10	10	32	70	3	5769
TT.3FS.CBD.10.42	10	10	42	90	3	7308
TT.3FS.CBD.10.52	10	10	52	100	3	8308
TT.3FS.CBD.12.32	12	12	32	75	3	7539
TT.3FS.CBD.12.42	12	12	42	90	3	8769
TT.3FS.CBD.12.52	12	12	52	100	3	9539
TT.3FS.CBD.14.42	14	14	42	100	3	11923
TT.3FS.CBD.14.52	14	14	52	100	3	12693
TT.3FS.CBD.16.42	16	16	42	100	3	14231
TT.3FS.CBD.16.52	16	16	52	100	3	15539
TT.3FS.CBD.16.62	16	16	62	100	3	16770
TT.3FS.CBD.18.52	18	18	52	100	3	18462
TT.3FS.CBD.18.75	18	18	75	130	3	21077
TT.3FS.CBD.20.52	20	20	52	100	3	20770
TT.3FS.CBD.20.75	20	20	75	130	3	23385
TT.3FS.CBD.20.102	20	20	102	150	3	26462

Solid Carbide Up Cut Spiral Bits with Chip breaker for Locksets - TT.CBS

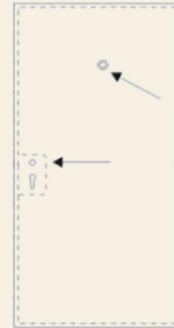
Application: Used for ripping, template routing, panel sizing and any routing application on solid wood or wood composite.

Use On; CNC Router & Hand held routers equipped with chuck or adaptors



Technical Details:

- #Professional quality carbide rods
- #Chip Breaker teeth
- #3 Spiral cutting edges
- #Excellent bottom finish
- #upward chip ejection



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.CBS.14.95	14	14	95	150	3	19231
TT.CBS.16.95	16	16	95	150	3	20770
TT.CBS.16.120	16	16	120	170	3	23847
TT.CBS.18.120	18	18	120	170	3	25385

***The 95/120mm cutting length is achieved in 4-5 passes**

Also available LH rotation bit

Solid Carbide Up & Down cut Spiral Bit - TT.UDS

Application: Used for cutting, copying, panel sizing, and any routing application on solid wood, wood composites, plastic materials and laminates.

Use On: CNC Routers and hand held routers equipped with chucks or adaptors

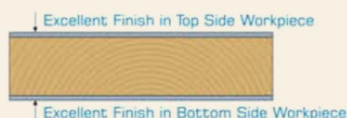
Technical Details:

- #Professional quality Carbide rods
- #2+2 spiral cutting edges
- #Excellent finish in both top and bottom side



special use for
NESTING
APPLICATION

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
TT.UDS.08.22	8	8	22	80	2+2	4923
TT.UDS.08.32	8	8	32	80	2+2	5231
TT.UDS.10.32	10	10	32	80	2+2	7385
TT.UDS.10.42	10	10	42	90	2+2	8154
TT.UDS.12.32	12	12	32	90	2+2	9539
TT.UDS.12.42	12	12	42	90	2+2	10923
TT.UDS.12.52	12	12	52	100	2+2	11693
TT.UDS.16.55	16	16	55	110	2+2	18154
TT.UDS.18.55	18	18	55	110	2+2	24924
TT.UDS.20.55	20	20	55	120	2+2	27385



Solid Bits With Insert Knives & Chip-breaker For Locksets - TT.CBR

Application: used for ripping, template routing, panel sizing, and any routing application on solid wood., or wood composite

Can be used at high feed speed on well clamped workpiece.

Use On: CNC Routers and hand held routers
equipped with chucks or Adaptors.

Technical Details:

Super strength steel body

2 cutting edges with replacable knives

Chip breaker teeth



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	C.L.-1 (mm)	O.A.L (mm)	Z	PRICE
TT.CBR.14.150	14	14	100	23	150	2	53848
TT.CBR.16.150	16	16	100	23	150	2	55386

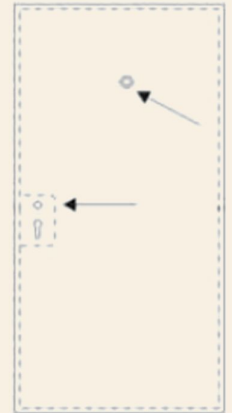
***100mm cuttinglength is achieved in 5 passes**

Spare parts for TT.CBR.14.150 PRICE

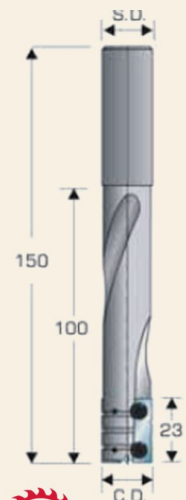
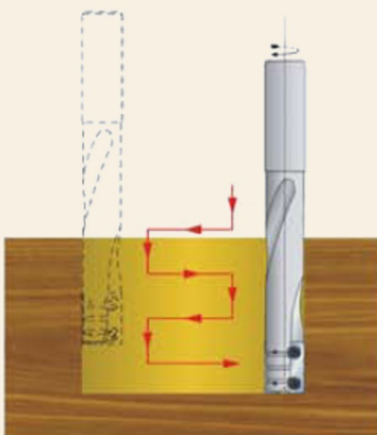
Knives - 23x6x1.5 (Two groove)	1539/-
Knives - 23x6x1.5 (Three groove)	1539/-
Screw - M3x5.8o5.4	385/-
Torx Key - T9	231/-

Spare Partas for - TT.CBR.16.150 PRICE

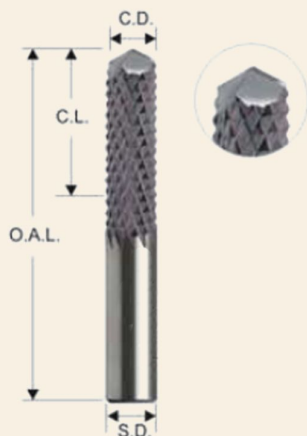
Knives - 23x7x1.5 (Two groove)	1539/-
Knives - 23x7x1.5 (Three groove)	1539/-
Screw - M3x5.8o5.4	385/-
Torx key - T9	231/-



WORKING EXAMPLE:



Corn Bits - TT.CBX



Application: For drilling, Sizing and jointing Fiberglass, Cement sheet, Phenolic and Solid surfaces. The 135° tooth geometry allows vertical feeding minimizing bending of workpiece.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	PRICE
TT.CBX.4.18.50	4	4	18	50	615
TT.CBX.6.25.50	6	6	25	50	923
TT.CBX.8.30.60	8	8	30	60	1615
TT.CBX.10.30.70	10	10	30	70	2615
TT.CBX.12.30.75	12	12	30	75	2923

3 Flute Straight Bits with Solid Carbide Insert



Application: used for ripping, template routing, panel sizing, and any routing application on solid wood., or wood composite
Can be used at high feed speed on well clamped workpiece.

Use On: All CNC machines & Highspeed Router Machine

Technical Details:

#Professional quality carbide rods

#3 straight cutting edges with unique design

#Fastest feed rate up to 10000 mm/min

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L (mm)	Z	PRICE
TT.3F.662	6	12	22	70	3	923
TT.3F.628	6	12	28	80	3	1231
TT.3F.822	8	12	22	70	3	1385
TT.3F.828	8	12	28	80	3	1692

Dust Chip Extraction Nut



Application: Dust Free Routing

Advantage:

More useful life for the tools

More Productivity

Improved Health & greater energy savings



ORDER NO.	SIZE	PRICE
Extraction Nut	ER 32	7846



Straight Router Bits with Replacable Knives - TTR.SR



Application: used for ripping, Template Routing, Panel sizing, and through & blind cutting application on solid wood, MDF, Particle board, Melamine board, Wood composites, Plastic material

Use On: High speed on well-clamped work pieces & all

CNC Machine & Highspeed Router machine

Features: Without chipping marks & long life performance



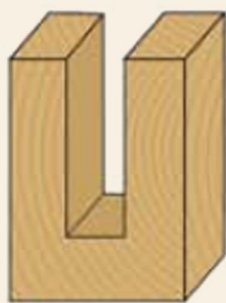
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.SR.08.12.20	8	12	20	1	6154
TTR.SR.10.12.20	10	12	20	1	6154
TTR.SR.10.12.30	10	12	30	1	6154
TTR.SR.12.12.30	12	12	30	1	6308
TTR.SR.12.12.50	12	12	50	1	6462
TTR.SR.16.12.30	16	12	30	1	5385
TTR.SR.16.12.50	16	12	50	1	5692
TTR.SR.16.16.30	16	16	30	1	5385
TTR.SR.16.16.50	16	16	50	1	5692

KNIVES	PRICE	SCREW	PRICE	WEDGE	PRICE
20x4.1x1.1	292	M2.5x5	77	18x6x4	1077
20x5.5x1.1	292	M2.5x5	77	18x6x5	1077
30x5.5x1.1	292	M2.5x5	77	28x6x5	1077
30x5.5x1.1	292	M2.5x5	77	28x6x5	1077
50x5.5x1.1	362	M2.5x5	77	48x6x5	1077
30x5.5x1.1	292	M3.0x5	77	28x7x6	1077
50x5.5x1.1	362	M3.0x5	77	48x7x6	1077
30x5.5x1.1	292	M3.0x5	77	28x7x6	1077
50x5.5x1.1	362	M3.0x5	77	48x7x6	1077

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.SR.08.12.20-IC	8	12	20	1	4308
TTR.SR.10.12.30-IC	10	12	30	1	4308
TTR.SR.12.12.30-IC	10	12	30	1	4308

KNIVES	PRICE	SCREW	PRICE	WEDGE	PRICE
20x4.1x1.1	292	M2.5x5	77	18x6x4	1077
30x5.5x1.1	292	M2.5x5	77	28x6x5	1077
30x5.5x1.1	292	M2.5x5	77	28x6x5	1077

Straight Router Bits with Replacable Knives - TTR-SL



Features: Easy to plunging, Without chipping marks, & long life performance

KNIVES	PRICE TT.CP.400	KNIVES	PRICE	SCREW	PRICE	SCREW	PRICE
30X12X1.5	262	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
30X12X1.5	262	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	7.5X12X1.5	169	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	9.6X12X1.5	185	M3.5X5BB	77	M3.5X4SB	77
50X12X1.7	415	9.6X12X1.5	185	M3.5X5BB	77	M3.5X4SB	77

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.SL.16.12.30	16	12	30	1+1	5385
TTR.SL.16.16.30	16	16	30	1+1	5385
TTR.SL.16.12.50	16	12	50	1+1	5692
TTR.SL.16.16.50	16	16	50	1+1	5692
TTR.SL.18.16.50	18	16	50	1+1	6462
TTR.SL.18.20.50	18	20	50	1+1	6462
TTR.SL.18.25.50	18	25	50	1+1	6462
TTR.SL.20.20.50	20	20	50	1+1	7077
TTR.SL.20.25.50	20	25	50	1+1	7077

Application: used for ripping, Template Routing, Panel sizing, and through & blind cutting application on solid wood, MDF, Particle board, Melamine board, Wood composites, Plastic material

Straight Router Bits With Replacable Knives - TTR.SK

Application: used for ripping, Template Routing, Panel sizing, and through & blind cutting application on solid wood, MDF, Particle board, Melamine board, Wood composites, Plastic material

Use On: High speed on well-clamped work pieces & all

CNC Machine & Highspeed Router machine

Features: Easy to plunging, Without chipping marks, & long life performance



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.SK.12.12.30	12	12	30	1	4308
TTR.SK.16.12.30	16	12	30	1	5385
TTR .SK.16.16.30	16	16	30	1	5385
TTR.SK.16.12.50	16	12	50	1	5692
TTR.SK.16.16.50	16	16	50	1	5692
TTR.SK.18.16.50	18	16	50	1	6462
TTR.SK.18.20.50	18	20	50	1	6462
TTR.SK.20.16.50	20	18	50	1	7077
TTR.SK.20.20.50	20	20	50	1	7077

KNIVES	PRICE	SCREW	PRICE
29.5X9X1.5	338	M3.5X5SB	77
29.5X9X1.5	338	M3.5X5SB	77
29.5X9X1.5	338	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77
49.5X9X1.5	400	M3.5X5SB	77

Straight Router Bits with Replaceable Knives - TTR-SK



Application: Straight Router Bit With Two Replaceable Knives Fixed by Special Torx Screws. Blades are sharpened on the bottom side with 30 angle for better operation

Use On: High speed on well-clamped work pieces & all

CNC Machine & Highspeed Router machine

Features: Easy to plunging, Without chipping marks, & long life performance



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.DK.16.12.12	16	12	12	2	4616
TTR.DK.16.12.20	16	12	20	2	5385
TTR .DK.16.12.30	16	12	30	2	5385
TTR.DK.16.12.50	16	12	50	2	5692
TTR.DK.19.16.30	19	16	30	2	6462
TTR.DK.19.16.50	19	16	50	2	6462

KNIVES	PRICE	SCREW	PRICE
11.5X12X1.5	246	M3.5X5BB	77
19.5X12X1.5	246	M3.5X5BB	77
29.5X12X1.5	262	M3.5X5BB	77
49.5X12X1.5	323	M3.5X5BB	77
29.5X12X1.5	262	M3.5X5BB	77
49.5X12X1.5	323	M3.5X5BB	77



Flush Trim Bits with Replacable Knives - TTR-TB

Application: Design to Trim, ensures smooth cutting action around a template

Features: Flush Trim Bits with Two replacable knives. Blades are two sided sharpened with bearing guide

Use On: Trimming chip board, Ply, MDF with laminated panel

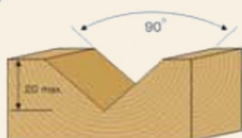


ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.TB.16.12.30	16	12	30	2	5385
TTR.TB.16.12.50	16	12	50	2	6154

KNIVES	PRICE	SCREW	PRICE	BEARING	PRICE
30X12X1.5	200	M3.5X5BB	77	16X5X4	154
50X12X1.5	262	M3.5X5BB	77	16X5X4	154

"V" Groove Router Cutter 90° T.C.T. Replaceable Knives - TTR- VG

Application: CNC Router bit for V groove, Miter Folds, Signs makings, Letter ring & Chamfer edges. High quality of Carbide replaceable knives ideal for general purposes.

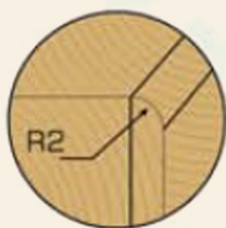


ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.VG.52.25.12	16	12	30	2	5385

KNIVES	PRICE	KNIVES	PRICE	SCREW	PRICE
30X12X1.5VG	308	20X12X1.5	192	M3.5X5BB	77

Edge Trim Router Bits with Replacable Knives - TTR-ET

Use On: Automatic Routers, Hand & Table mounted portable router machines



ORDER NO.	RADIUS	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TTR.ET.02.0B	2	22	20	8	2	6462
TTR.ET.03.0B	3	22	20	8	2	6462

KNIVES	PRICE	SCREW	PRICE	BEARING	PRICE
20X9X1.5TR	770	M3.5X5SB	77	19X6X5	154
20X9X1.5TR	770	M3.5X5SB	77	19X6X5	154

Multi Profile Router Bits with Helix Angle (Flush Door/Chip Board)

(T.C.T. Replaceable Knives) - TTR-HA



Application: Producing cabinet doors made from chip board, Flush door & MDF

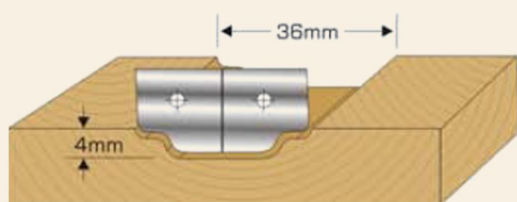
Features: Highest quality materials. Lowest tolerance in sharpening of knives. Let you obtain smooth finish & long life

Use On: All CNC machining center

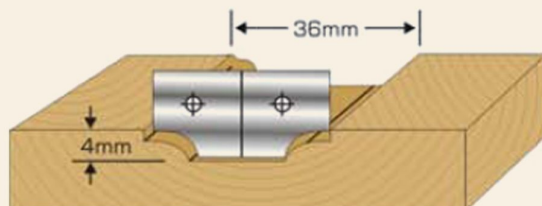
ORDER NO.	C.D. (mm)	PROFILE DEPTH	S.D. (mm)	Z	PRICE
TTR.HA.36.01	36	4	12	2	6923
TTR.HA.36.02	36	4	12	2	6923
TTR.HA.36.03	36	4	12	2	6923
TTR.HA.36.04	36	4	12	2	6923
TTR.HA.36.05	36	4	12	2	6923
TTR.HA.36.06	36	4	12	2	6923

KNIVES	PRICE	SCREW	PRICE
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77

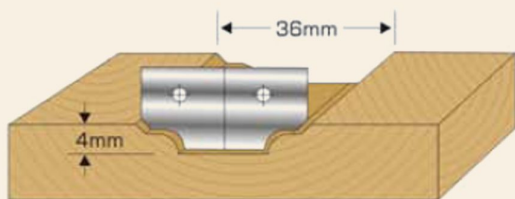
ALSO AVAILABLE DEPTH 1.5MM TO 6MM



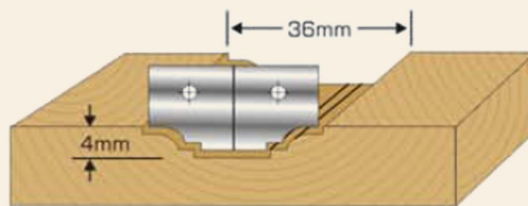
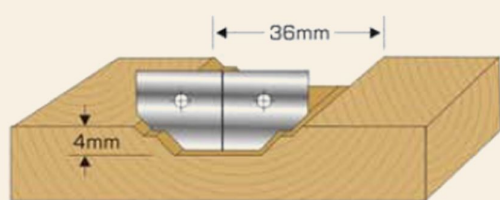
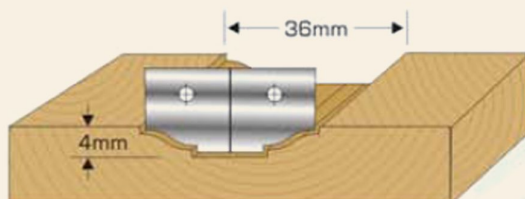
TTR.HA.36.01



TTR.HA.36.04



TTR.HA.36.02



Multi Profile Router Bit Set For Doors(With Helix Angle)

(T.C.T. Replaceable Knives) - TTR.RD

Application: for producing cabinet doors
made from chip board, Flush doors & MDF.

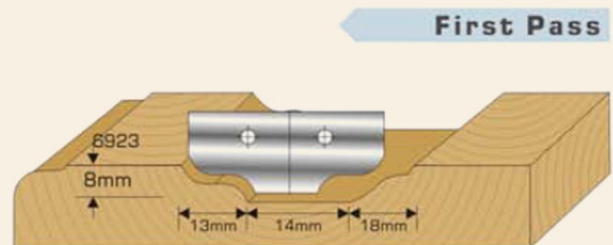
Use On: All CNC machining center

Features: Highest quality material. Lowest tolerance
in sharpening of knives. Let you obtain smooth
finish & long life

ORDER NO.	C.D. (mm)	PROFILE DEPTH(mm)	S.D. (mm)	Z	PRICE
TTR.RD.36.01	36	6/8	12	2	6923



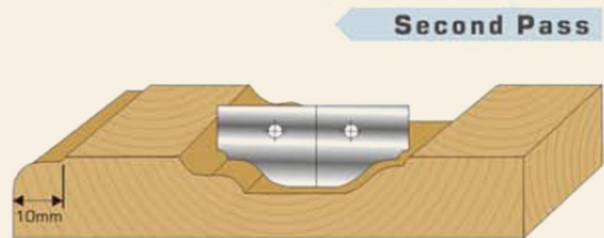
KNIVES	PRICE	SCREW	PRICE
20X20X2	1385	M3.5X5BB	77



ORDER NO.	C.D. (mm)	PROFILE DEPTH(mm)	S.D. (mm)	Z	PRICE
TTR.RD.36.02	36	6/8	12	2	6923



KNIVES	PRICE	SCREW	PRICE
20X20X2	1385	M3.5X5BB	77

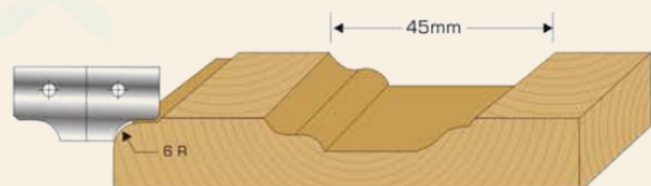


ORDER NO.	C.D. (mm)	PROFILE DEPTH(mm)	S.D. (mm)	Z	PRICE
TTR.RD.36.03	36	6/8	12	2	6923



KNIVES	PRICE	SCREW	PRICE
20X20X2	1385	M3.5X5BB	77

Third Pass



Multi Profile Router Bit for Carving - TTR-CR

(T.C.T. Replaceable Knives)

Advantage: Industrial quality insert knives produce smooth, Chip-free cuts & lasts at least twice as long as comparable solid carbide knives. Unique tool body was engineered to quickly interchange Insert while mounted in CNC Machine to alignment Down- time and to maintain consistency cutting accuracy.

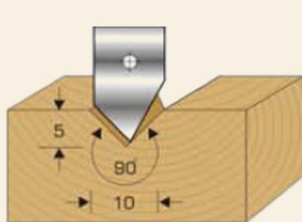
Features: Highest quality materials. Lowest tolerance in sharpening of knives.

Use On: All CNC machining center.

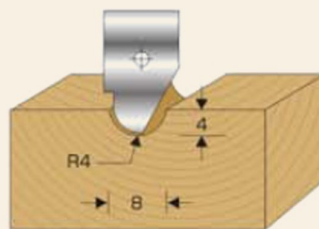


ORDER NO.	C.D. (mm)	PROFILE DEPTH	S.D. (mm)	Z	PRICE
TTR.HA.36.01	36	4	12	2	6923
TTR.HA.36.02	36	4	12	2	6923
TTR.HA.36.03	36	4	12	2	6923
TTR.HA.36.04	36	4	12	2	6923
TTR.HA.36.05	36	4	12	2	6923
TTR.HA.36.06	36	4	12	2	6923

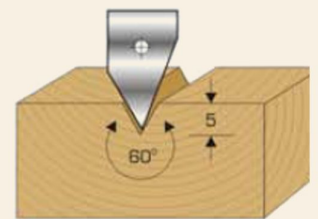
KNIVES	PRICE	SCREW	PRICE
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77
20X20X2	1385	M3.5X5BB	77



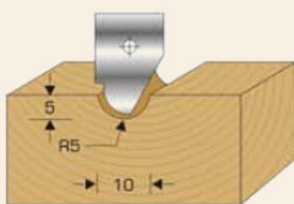
TTR.CR.101



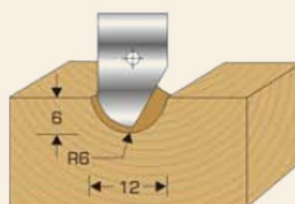
TTR.CR.102



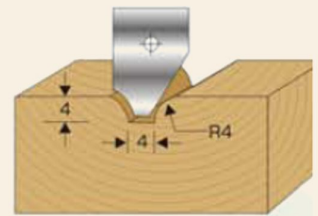
TTR.CR.103



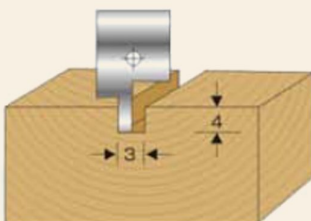
TTR.CR.104



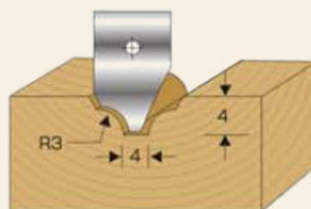
TTR.CR.105



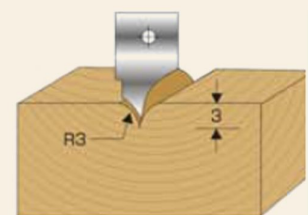
TTR.CR.106



TTR.CR.107



TTR.CR.108



TTR.CR.109



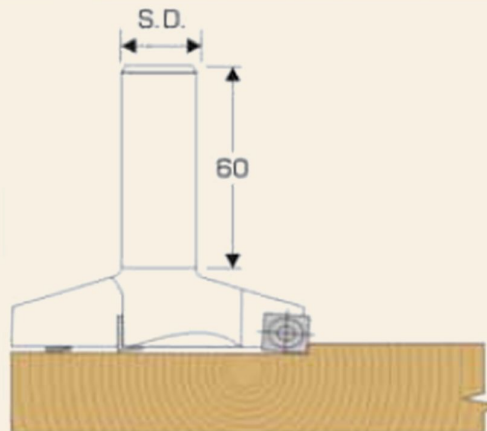
Planning Router Bits with Replaceable Knives - TTR.FC

Application: For planning workpiece surfaces and large rebate
Features: Knives Z3, with shear, changeable
 deoths in one work step. Knives Z3 with shear. Changeable cutting
 edges for Solid wood, MDF,
 edges for machining Solid wood, MDF, particle board & plastic. Particle board & plastic.

Use On: All CNC machining center

ORDER NO.	C.D. (mm)	C.L. (mm)	S.D. (mm)	Z	PRICE
TTR.FC.101	80	14	16	3	7539
TTR.FC.102	100	14	16	3	8154

KNIVES	PRICE	SCREW	PRICE
14X14X2	138	M5X7C	77
14X14X2	138	M5X7C	77



Round Nose Router Bit with T.C.T. Replaceable knives - TTR- RN (Helix Angle)

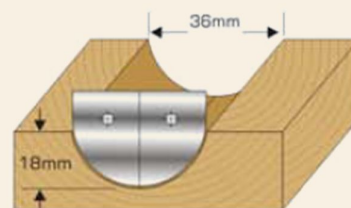
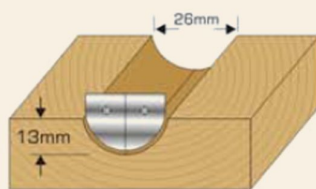
Application: Mostly recommended for producing cabinet
 doors made from chip board, Flush door & MDF.

Use On: All CNC machining center

Features: Highest quality materials. Lowest
 tolerance in sharpening of the knives. Let
 you achieve smooth finish on CNC machine.

ORDER NO.	C.D. (mm)	PROFILE DEPTH(mm)	S.D. (mm)	Z	PRICE
TTR.RN.26.01	26	13	12	2	6923
TTR.RN.36.02	36	18	12	2	6923

KNIVES	PRICE	SCREW	PRICE
15X20X2	1385	M3.5X5SB	77
20X20X2	1385	M3.5X5SB	77



Panel Raised Router Bit - TTR.PR

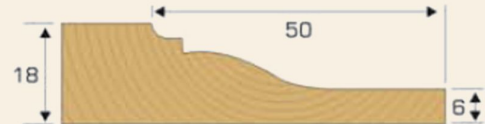
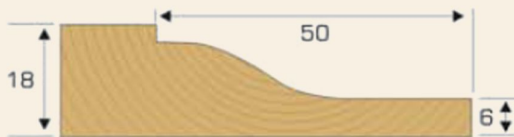
(T.C.T. Replaceable Knives)

Application: For Profiling Soft & hard Solid Wood, Exotic woods, MDF board on normal & all CNC machines.

Common Factors For All Routers

C.D. (mm)	S.D. (mm)	SIZE	Z
80	16	40X18	2
100	16	50X18	2

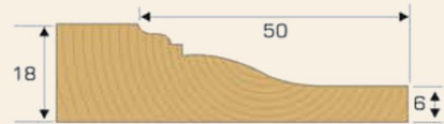
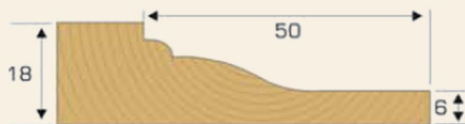
KNIVES	PRICE	SCREW	PRICE
40X25X2	3231	M3.5X5SB	77



ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.101	40X18	10000
TTR.PR.102	50X18	11077



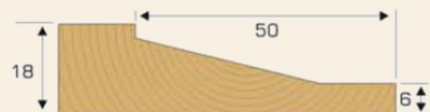
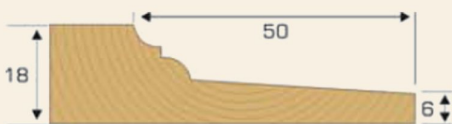
ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.107	40X18	10000
TTR.PR.108	50X18	11077



ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.103	40X18	10000
TTR.PR.104	50X18	11077



ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.109	40X18	10000
TTR.PR.110	50X18	11077



ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.105	40X18	10000
TTR.PR.106	50X18	11077



ORDER NO.	PROFILE SIZE(mm)	PRICE
TTR.PR.111	40X18	10000
TTR.PR.112	50X18	11077



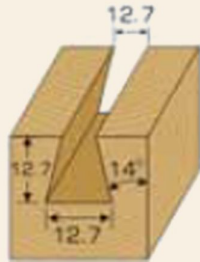
T.C.T. Brazed Two Flute Dovetail Bits - TT.DT

Application: Beautifully crafted dovetail joint is a classic that appeals to both professional & novices alike. Admired for its attractiveness in box and exposed joint projects, Dovetail is remarkably strong and functional.

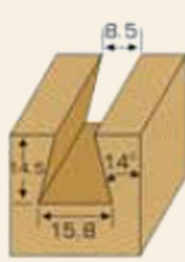
Technical Details:

- _ Super Strength Steel
- _ 2 T.C.T. Precision Groung Cutting Edges [Z2]

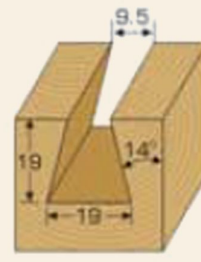
ORDER NO.	C.D. (mm)	HEIGHT (mm)	DEGREE	S.D. (mm)	PRICE
TT.DT.2F.12.7	12.7	12.7	14	12	1077
TT.DT.2F.15.8	15.8	14.5	14	12	1231
TT.DT.2F.19.0	19.0	19.0	14	12	1692
TT.DT.2F.25.4	25.4	26.0	14	12	1846



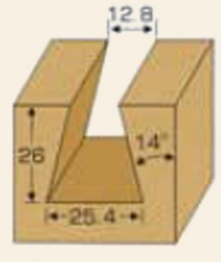
TT.DT.2F.12.7



TT.DT.2F.15.8

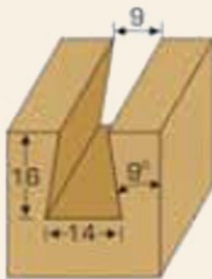


TT.DT.2F.19.0



TT.DT.25.4

T.C.T. Brazed Single Flute Dovetail Bits - TT.DT

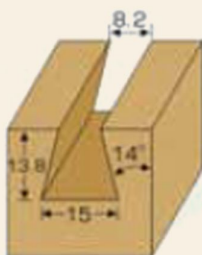


Technical Details:

- _ Super Strength Steel & 1 T.C.T. Precision Groung Curtting Edges [Z1]

ORDER NO.	C.D. (mm)	HEIGHT (mm)	DEGREE	S.D. (mm)	PRICE
TT.DT.1F.14.0	14	16	9	12	1462

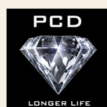
T.C.T. Brazed Two Flute Dovetail Bits - TT.DT



Technical Details:

- Super Strength Steel & 3 T.C.T. Precision Groung Cutting Edges [Z2]

ORDER NO.	C.D. (mm)	HEIGHT (mm)	DEGREE	S.D. (mm)	PRICE
TT.DT.2F.13.8	13.8	14	10	12	1462



Also available in PCD



T.C.T. Brazed Straight Bits - TT.SB

Use On : All CNC routers M/C, Hand Routers, Stand Routers, & Hand Trimmer machine

Specially Made For Laminated Board, Plywood, Particle Board' s & Solid Surface, Edge Finish,

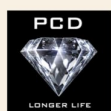
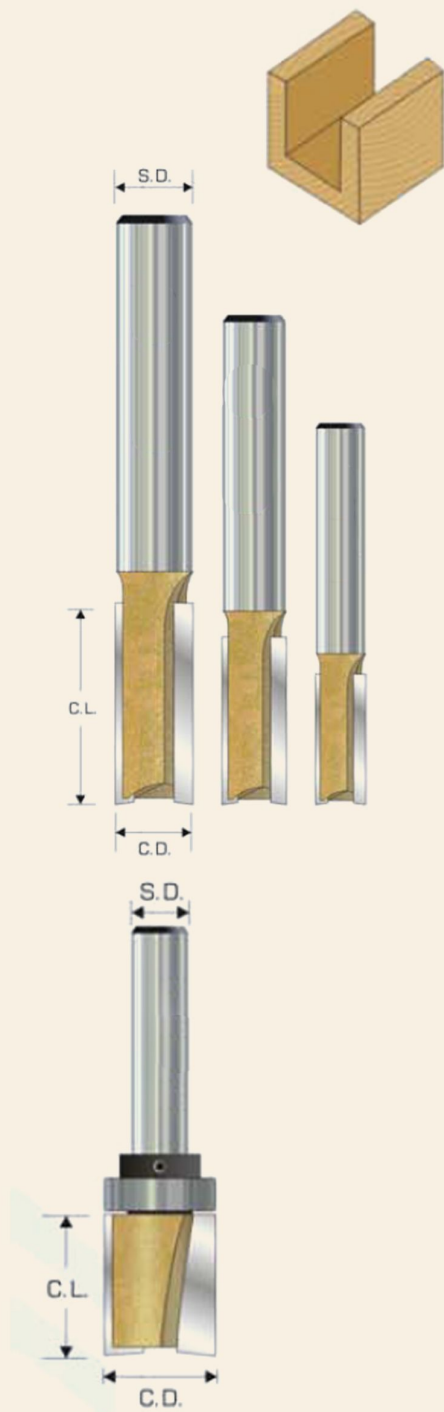
Cutting, Rebating & Grooving

Premium Series

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TT.SB.5620	5	6	20	2	523
TT.SB.6620	6	6	20	2	523
TT.SB.6820	6	8	20	2	523
TT.SB.61220	6	12	20	2	523
TT.SB.7825	7	8	25	2	538
TT.SB.71225	7	12	25	2	538
TT.SB.8625	8	6	25	2	538
TT.SB.8825	8	8	25	2	538
TT.SB.81225	8	12	25	2	577
TT.SB.81230	8	12	30	2	577
TT.SB.81235	8	12	35	2	615
TT.SB.91230	9	12	30	2	577
TT.SB.10625	10	6	25	2	577
TT.SB.10830	10	8	30	2	577
TT.SB.101220	10	12	20	2	577
TT.SB.101230	10	12	30	2	577
TT.SB.101238	10	12	38	2	731
TT.SB.101250	10	12	50	2	1692
TT.SB.12625	12	6	25	2	615
TT.SB.12830	12	8	30	2	615
TT.SB.121230	12	12	30	2	615
TT.SB.121238	12	12	38	2	731
TT.SB.121250	12	12	50	2	1846
TT.SB.121265	12	12	65	2	2385
TT.SB.121275	12	12	75	2	2615
TT.SB.151230	15	12	30	2	769
TT.SB.161230	16	12	30	2	769
TT.SB.181230	18	12	30	2	846
TT.SB.191230	19	12	30	2	846
TT.SB.201230	20	12	30	2	846
TT.SB.221230	22	12	30	2	923
TT.SB.251230	25	12	30	2	923
TT.SB.301230	30	12	30	2	1077

Pattern Bits with Shank mounted bearing

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TT.PB.12620	12	6	20	2	769
TT.PB.16625	16	6	25	2	846
TT.PB.19625	19	6	25	2	923
TT.PB.16825	16	8	25	2	846
TT.PB.19825	19	8	25	2	923
TT.PB.22825	22	8	25	2	1077



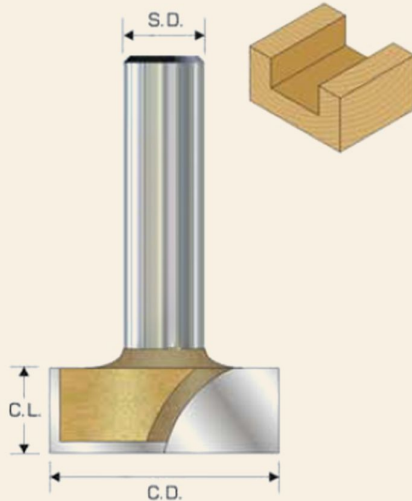
Also available in PCD

T.C.T. Brazed Straight Bits - TT.SB (Cleaning Bottom Bits)

Use On: All CNC Router M/C, Hand Router, Stand Routers & Hand Trimmer machine

Specially Made For Laminated board, Plywood, particle Boards & Solid surface, Edge Finish,
Cutting, Rebating & Grooving

Premium Series



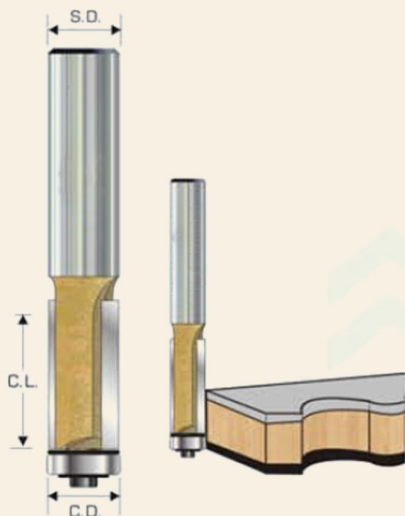
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
TT.SB.101212	10	12	12	2	615
TT.SB.121212	12	12	12	2	615
TT.SB.151215	15	12	15	2	692
TT.SB.161215	16	12	15	2	692
TT.SB.181215	18	12	15	2	769
TT.SB.191215	19	12	15	2	769
TT.SB.201215	20	12	15	2	769
TT.SB.221215	22	12	15	2	769
TT.SB.251215	25	12	15	2	808
TT.SB.281215	28	12	15	2	846
TT.SB.301215	30	12	15	2	846
TT.SB.321215	32	12	15	2	923
TT.SB.351215	35	12	15	2	923
TT.SB.381215	38	12	15	2	1046
TT.SB.401215	40	12	15	2	1077
TT.SB.451215	45	12	15	2	1154
TT.SB.501215	50	12	15	2	1231

T.C.T. Brazed Flush Trim Bits - TT.TB

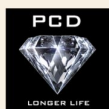
Use On: All CNC Routers M/C, Hand routers, Stand Routers & hand Trimmer Machine

Specially made Fpr Laminated Board, Plywood, Particle Board & Solid Surface, Edge finish,
Cutting, Rrebating & Grooving

Premium Series



ORDER NO.	C.D. (mm)	C.L. (mm)	S.D. (mm)	Z	PRICE
TT.CP.400					
TT.TB.6206	6.35	20	6	2	615
TT.TB.6208	6.35	20	8	2	615
TT.TB.62012	6.35	20	12	2	615
TT.TB.9256	9.52	25	6	2	654
TT.TB.9258	9.52	25	8	2	654
TT.TB.93012	9.52	30	12	2	692
TT.TB.95012	9.52	50	12	2	1385
TT.TB.12256	12.7	25	6	2	731
TT.TB.12308	12.7	30	8	2	731
TT.TB.123012	12.7	30	12	2	731
TT.TB.123812	12.7	38	12	2	846
TT.TB.125012	12.7	50	12	2	1462
TT.TB.126512	12.7	65	12	2	2462
TT.TB.127512	12.7	75	12	2	2769

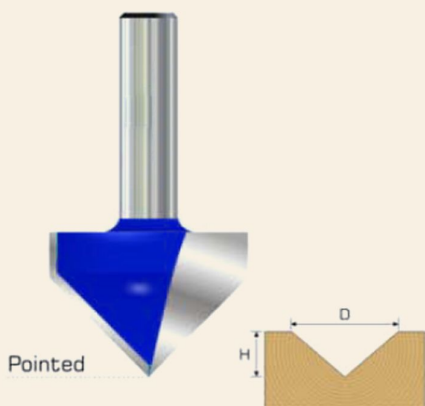


Also available in PCD

T.C.T. Brazed Pointed "V" Groove Bits - TT.CR

Application: Two flutes, 90° angle ideal for making signs and adding decorative accents to furniture and plaques, "V" grooving bits are designed to cut deeper or shallow "V" grooves.

Use On: To be used on all CNC routers, Manual Routers & Stand Routers



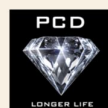
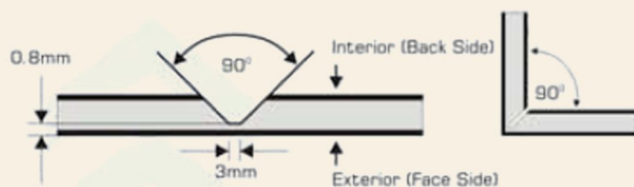
ORDER NO.	C.D. (mm)	DEGREE	H	S.D. (mm)	PRICE
TT.VG.12.60.8	12	60	10	8	615
TT.VG.12.90.8	12	90	6	8	615
TT.VG.12.120.8	12	120	3.5	8	615
TT.VG.15.60.8	15	60	13	8	769
TT.VG.15.90.8	15	90	7.5	8	769
TT.VG.19.60.8	19	60	16.5	8	923
TT.VG.19.60.12	19	60	16.5	12	923
TT.VG.19.90.8	19	90	9.5	8	923
TT.VG.19.90.12	19	90	9.5	12	923
TT.VG.25.90.8	25	90	12.5	8	1077
TT.VG.25.90.12	25	90	12.5	12	1077
TT.VG.32.90.8	32	90	16	8	1308
TT.VG.32.90.12	32	90	16	12	1308
TT.VG.32.120.8	32	120	9	8	1308
TT.VG.32.120.12	32	120	9	12	1308
TT.VG.32.140.12	32	140	5.5	12	1308
TT.VG.32.150.12	32	150	4	12	1308

T.C.T. Brazed "V" Groove Bits - TT.AVG

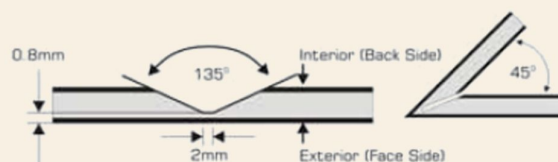
Application: To be used on all CNC Routers, Manual Routers & Table Mounting Routers For Use In Aluminium Composite Panel



ORDER NO.	C.D. (mm)	DEGREE	H (mm)	S.D. (mm)	PRICE
TT.AVG.12.90.8	12	90	4.5	8	692
TT.AVG.12.135.8	12	135	2	8	692
TT.AVG.15.90.8	15	90	6	8	846
TT.AVG.15.90.12	15	90	6	12	846
TT.AVG.15.135.8	15	135	3	8	846
TT.AVG.15.135.12	15	135	3	12	846
TT.AVG.19.90.8	19	90	8	8	1000
TT.AVG.19.90.12	19	90	8	12	1000
TT.AVG.19.135.8	19	135	3.5	8	1000
TT.AVG.19.135.12	19	135	3.5	12	1000



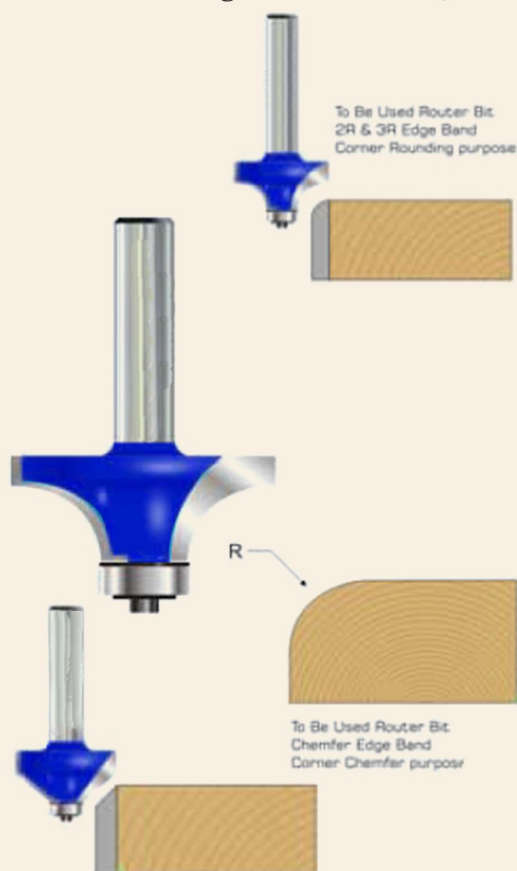
Also available in PCD



T.C.T. Brazed Corner Radius Bits - TT.CR

Application: To be used on Manual Routers, Stand Routers & Hand Trimmer Machine Cutting,

For Corner Rounding of Raw material, Solid wood, Melamine Board, MDF, Particle board, Acrylic.



ORDER NO.	RADIUS	H (mm)	C.D. (mm)	S.D. (mm)	PRICE
TT.CR2.006	2R	7	16.7	6	662
TT.CR2.635	2R	7	16.7	6.35	662
TT.CR2.008	2R	7	16.7	8	662
TT.CR3.006	3R	8	18.7	6	662
TT.CR3.635	3R	8	18.7	6.35	662
TT.CR3.008	3R	8	18.7	8	662
TT.CR4.006	4R	10	20.7	6	769
TT.CR4.008	4R	10	20.7	8	769
TT.CR6.008	6R	11	24.7	8	923
TT.CR9.008	9R	14	30.7	8	1077
TT.CR9.012	9R	14	30.7	12	1077
TT.CR12.08	12R	17	36.7	8	1231
TT.CR12.12	12R	17	36.7	12	1231
TT.CR16.12	16R	21	44.7	12	1462
TT.CR19.12	19R	25	50.7	12	1615
TT.CR25.12	25R	31	62.7	12	1769

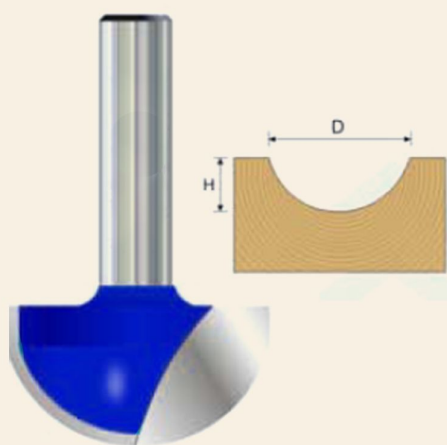
Bearing Size: D- 1/2" x B- 3/16"

ORDER NO.	CHAMFER (MAX.)	DEGREE	C.D. (mm)	S.D. (mm)	PRICE
TT.CF.6.6.6	6X6	45	25.4	6	692
TT.CF.6.6.8	6X6	45	25.4	8	692

T.C.T. Brazed Round Nose Bits - TT.RN

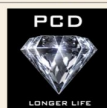
Application: To be used on Manual Routers, Stand Routers & Hand Trimmer Machine Cutting,

For Corner Rounding of Raw material, Solid wood, Melamine Board, MDF, Particle board, Acrylic.



ORDER NO.	C.D. (mm)	R (mm)	H (mm)	SHANK (mm)	PRICE
TT.RN.0812	8	4	10	12	462
TT.RN.1012	10	5	10	12	462
TT.RN.1212	12	6	12	12	462
TT.RN.1512	15	7.5	12	12	462
TT.RN.1912	19	9.5	15	12	538
TT.RN.2512	25	12.5	15	12	585
TT.RN.3012	30	15	17	12	654
TT.RN.3212	32	16	18	12	692
TT.RN.3512	35	17.5	20	12	692
TT.RN.4012	40	20	22	12	923
TT.RN.4512	45	22.5	25	12	1231
TT.RN.5012	50	25	28	12	1385

ORDER NO.	C.D. (mm)	H (mm)	S.D. (mm)	PRICE
TT.WB.1512	15	2.5	12	462
TT.WB.1912	19	2.5	12	554
TT.WB.2512	25	2.5	12	592
TT.WB.3012	30	2.5	12	646
TT.WB.3212	32	2.5	12	692
TT.WB.3512	35	2.5	12	462

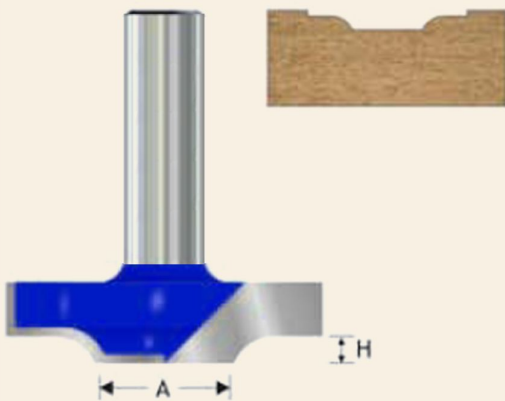


Also available in PCD



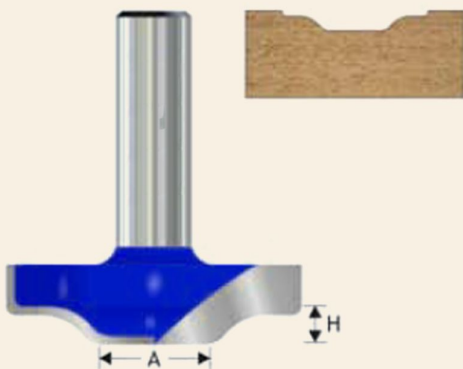
CNC Router Bits for Membrane Shutters & Doors

T.C.T. Brazed Beading Groove Design Membrane Bits - TT.MD.1



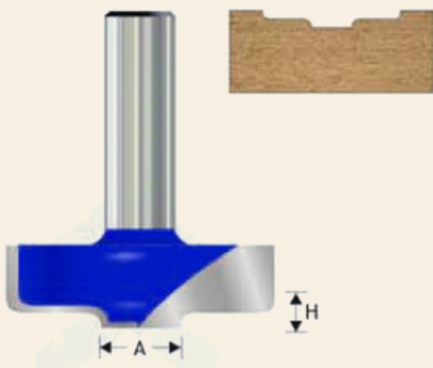
ORDER NO.	C.D (mm)	H (mm)	A (mm)	SHANK (mm)	Z	PRICE
TT.MD.1.25.15	25	1.5	10	12	2	692
TT.MD.1.25.20	25	2.0	10	12	2	692
TT.MD.1.30.15	30	1.5	14	12	2	692
TT.MD.1.30.20	30	2.0	14	12	2	692
TT.MD.1.30.25	30	2.5	14	12	2	692
TT.MD.1.30.30	30	3.0	14	12	2	692
TT.MD.1.35.15	35	1.5	17	12	2	692
TT.MD.1.35.20	35	2.0	17	12	2	692
TT.MD.1.35.25	35	2.5	17	12	2	692
TT.MD.1.35.30	35	3.0	17	12	2	692

T.C.T. Brazed Classical Design Membrane Bits - TT.MD.2

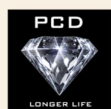


ORDER NO.	C.D (mm)	H (mm)	A (mm)	SHANK (mm)	Z	PRICE
TT.MD.2.25.15	25	1.5	10	12	2	692
TT.MD.2.25.20	25	2.0	10	12	2	692
TT.MD.2.30.15	30	1.5	14	12	2	692
TT.MD.2.30.20	30	2.0	14	12	2	692
TT.MD.2.30.25	30	2.5	14	12	2	692
TT.MD.2.30.30	30	3.0	14	12	2	692
TT.MD.2.35.15	35	1.5	17	12	2	692
TT.MD.2.35.20	35	2.0	17	12	2	692
TT.MD.2.35.25	35	2.5	17	12	2	692
TT.MD.2.35.30	35	3.0	17	12	2	692

T.C.T. BRazed Plunge Ogee Design Membrane Bits - TT.MD.3



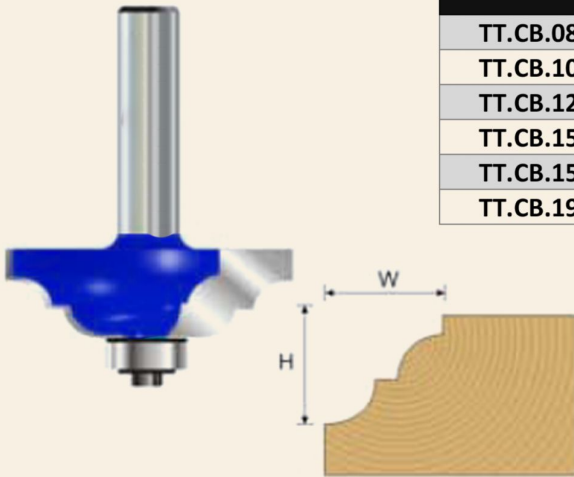
ORDER NO.	C.D (mm)	H (mm)	A (mm)	SHANK (mm)	Z	PRICE
TT.MD.3.25.15	25	1.5	10	12	2	692
TT.MD.3.25.20	25	2.0	10	12	2	692
TT.MD.3.30.15	30	1.5	14	12	2	692
TT.MD.3.30.20	30	2.0	14	12	2	692
TT.MD.3.30.25	30	2.5	14	12	2	692
TT.MD.3.30.30	30	3.0	14	12	2	692
TT.MD.3.35.15	35	1.5	17	12	2	692
TT.MD.3.35.20	35	2.0	17	12	2	692
TT.MD.3.35.25	35	2.5	17	12	2	692
TT.MD.3.35.30	35	3.0	17	12	2	692



Also available in PCD

www.timustooling.com

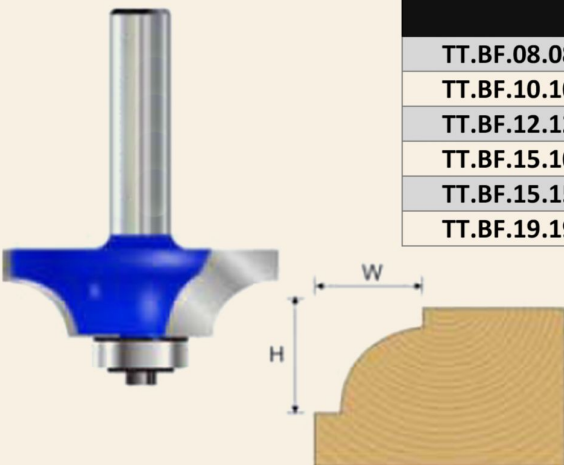
T.C.T. Brazed Classical Bits - TT.CB



ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.CB.08.08	8	8	29	12	2	769
TT.CB.10.10	10	10	33	12	2	846
TT.CB.12.12	12	12	37	12	2	846
TT.CB.15.10	15	10	43	12	2	846
TT.CB.15.15	15	15	43	12	2	923
TT.CB.19.19	19	19	51	12	2	1000

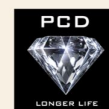
Bearing Size : D- 13 x B- 5 x T-14

T.C.T. Brazed Beading Flat Bits - TT.BF



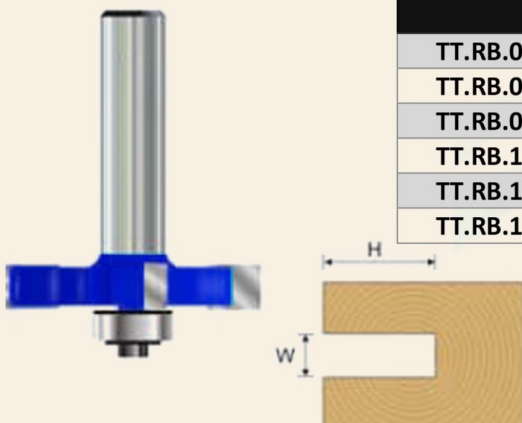
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.BF.08.08	8	8	29	12	2	615
TT.BF.10.10	10	10	33	12	2	692
TT.BF.12.12	12	12	37	12	2	769
TT.BF.15.10	15	10	43	12	2	846
TT.BF.15.15	15	15	43	12	2	923
TT.BF.19.19	19	19	51	12	2	1000

Bearing Size : D- 13 x B- 5 x T-14



Also available in PCD

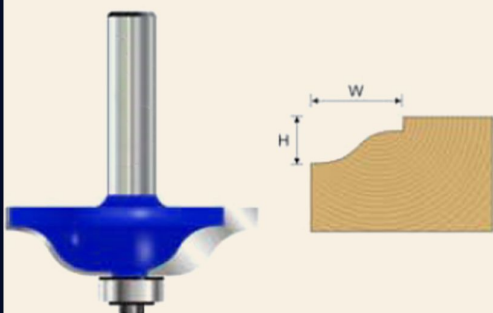
T.C.T. Brazed Rebating Bits - TT.RB



ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.RB.04.12	4	12	37	12	4	692
TT.RB.06.12	6	12	37	12	4	692
TT.RB.08.12	8	12	37	12	4	692
TT.RB.10.12	10	12	37	12	4	769
TT.RB.12.12	12	12	37	12	4	769
TT.RB.15.12	15	12	37	12	4	1000

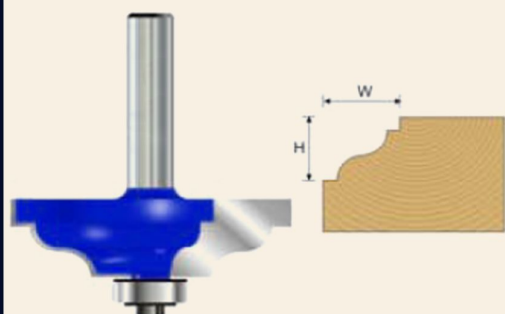
Bearing Size : D- 13 x B- 5 x T-14

T.C.T. Brazed Roman Ogee Bits - TT.RO



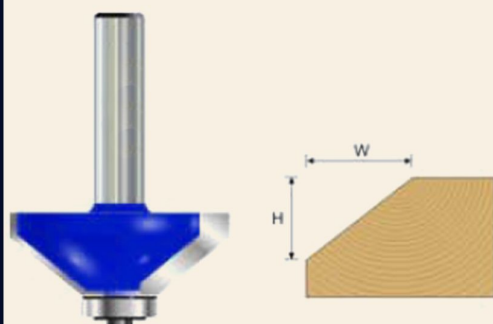
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.RO.12.10	12	10	37	12	2	846
TT.RO.15.10	15	10	43	12	2	846
TT.RO.15.12	15	12	43	12	2	846
TT.RO.19.10	19	10	51	12	2	923
TT.RO.19.12	19	12	51	12	2	923
TT.RO.22.12	22	12	57	12	2	1000

T.C.T. Brazed Ogee Fillet Bits - TT.OF



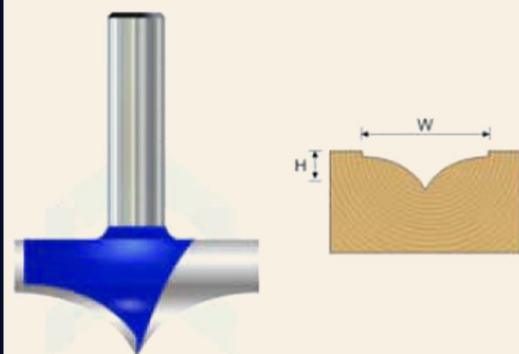
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.OF.12.08	12	8	37	12	2	846
TT.OF.15.10	15	10	43	12	2	846
TT.OF.15.12	15	12	43	12	2	846
TT.OF.19.10	19	10	51	12	2	923
TT.OF.19.12	19	12	51	12	2	923
TT.OF.22.12	22	12	57	12	2	1000

T.C.T. Brazed Chamfer Bits - TT.CF

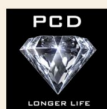


ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.CF.6.6.6	6	6	25.4	6	2	769
TT.CF.6.6.8	6	6	25.4	8	2	769
TT.CF.10.10	10	10	33	12	2	769
TT.CF.12.12	12	12	37	12	2	769
TT.CF.15.15	15	15	43	12	2	846
TT.CF.19.19	19	19	51	12	2	923
TT.CF.22.22	22	22	57	12	2	1000
TT.CF.25.25	25	25	63	12	2	1154

T.C.T. Brazed Ovolo Point Bits - TT.OP



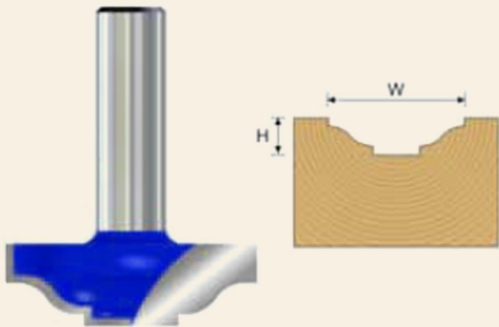
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.OP.12.08	12	8	12	12	2	538
TT.OP.15.08	15	8	15	12	2	615
TT.OP.19.10	19	10	19	12	2	615
TT.OP.22.10	22	10	22	12	2	692
TT.OP.25.10	25	10	25	12	2	692
TT.OP.32.12	32	12	32	12	2	769



Also available in PCD

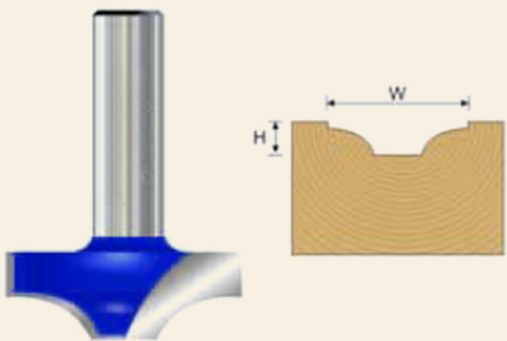


T.C.T. Brazed Plunge Ogee Fillet Bits - TT.PO



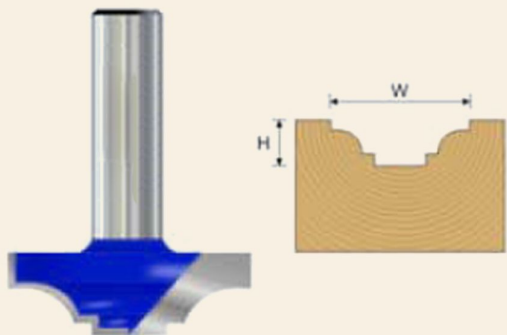
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.PO.15.08	15	8	15	12	2	615
TT.PO.19.08	19	8	19	12	2	615
TT.PO.22.10	22	10	22	12	2	692
TT.PO.25.10	25	10	25	12	2	692
TT.PO.25.12	25	12	25	12	2	692
TT.PO.32.12	32	12	32	12	2	769

T.C.T. Brazed Ovolo Bits - TT.OB



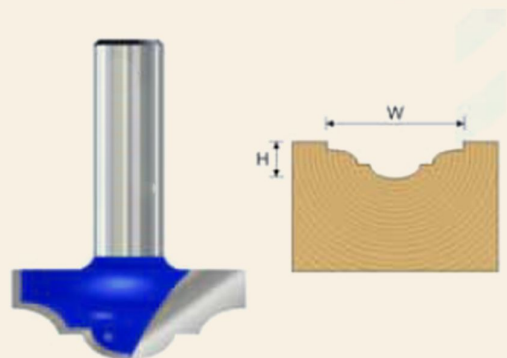
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.OB.12.08	12	8	12	12	2	538
TT.OB.15.08	15	8	15	12	2	615
TT.OB.19.10	19	10	19	12	2	615
TT.OB.22.10	22	10	22	12	2	692
TT.OB.25.10	25	10	25	12	2	692
TT.OB.32.10	32	10	32	12	2	769

T.C.T. Brazed Classical Pattern Bits - TT.CP

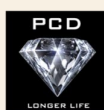


ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.CP.15.08	15	8	15	12	2	538
TT.CP.19.10	19	10	19	12	2	615
TT.CP.22.10	22	10	22	12	2	615
TT.CP.25.10	25	10	25	12	2	692
TT.CP.25.12	25	12	25	12	2	692
TT.CP.32.12	32	12	32	12	2	769

T.C.T. Brazed Plunge Classical Bits - TT.PC



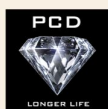
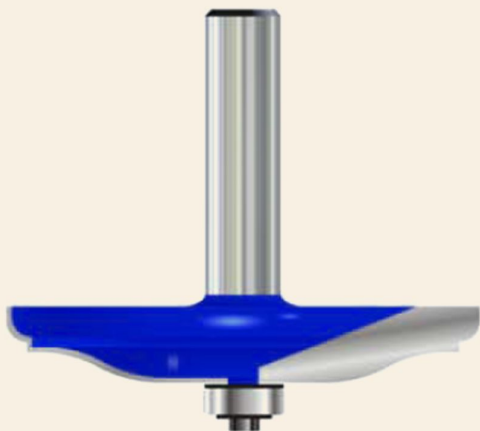
ORDER NO.	W (mm)	H (mm)	C.D. (mm)	SHANK (mm)	Z	PRICE
TT.PC.15.08	15	8	15	12	2	538
TT.PC.19.10	19	10	19	12	2	615
TT.PC.22.10	2	10	22	12	2	615
TT.PC.25.10	25	10	25	12	2	692
TT.PC.25.12	25	12	25	12	2	692
TT.PC.32.12	32	12	32	12	2	769



Also available in PCD



T.C.T. Brazed Raised Panel Router Bits - TT.RP



Also available in PCD

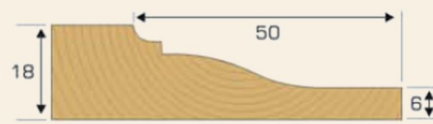
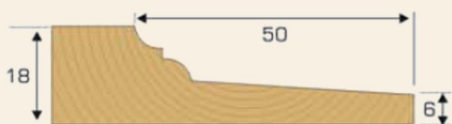
Application: Suitable for Solid wood & panel materials in Min. 18mm thickness

Use On: Stand Router Machine, Portable

Router Machine

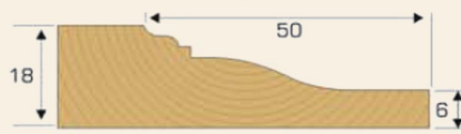
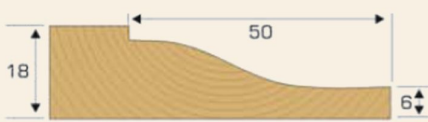
Technical Details: High Quality Carbide Tip for long life & many re-sharpening, Precision grounds, 2- wing Router bits for performance.

DIA. (mm)	BEARING (mm)	SHANK (mm)	WOOD SIZE
93	13	12	40X18
113	13	12	50X18



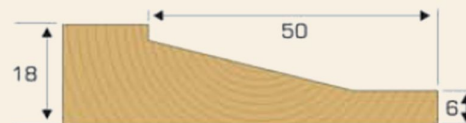
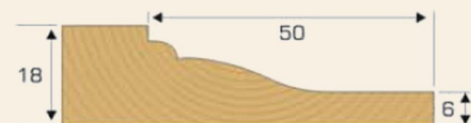
ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.101	40X18	1692
TT.RP.102	50X18	2000

ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.107	40X18	1692
TT.RP.108	50X18	2000



ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.103	40X18	1692
TT.RP.104	50X18	2000

ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.109	40X18	1692
TT.RP.110	50X18	2000



ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.105	40X18	1692
TT.RP.106	50X18	2000

ORDER NO.	PROFILE SIZE(mm)	PRICE
TT.RP.111	40X18	1692
TT.RP.112	50X18	2000



T.C.T. Brazed Counter profile Bits Set - TT.CP

Application: Suitable for Solid wood & Panel

Technical Details: High Quality Carbide Tip for

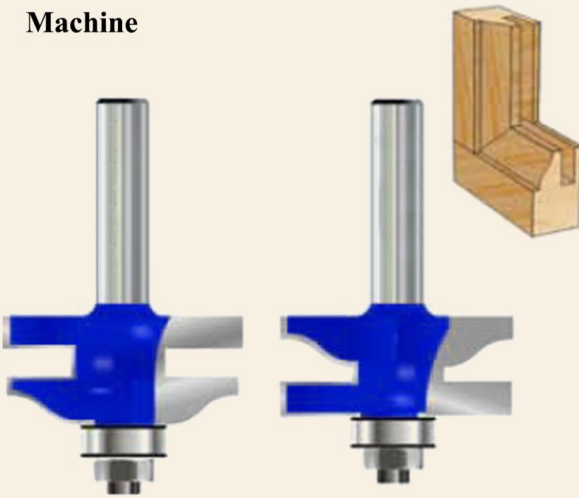
materials in min 18mm to 24mm thickness

Long life & many re-sharpenings, precision

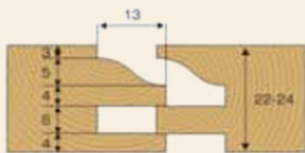
Use On: Stand Router Machine, Portable Router

ground, 2-wing router bits for ultimate balance.

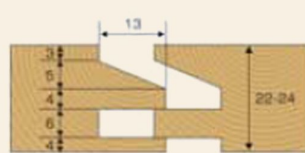
Machine



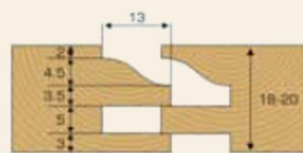
ORDER NO.	DIA. (mm)	SHANK (mm)	BOARD (mm)	Z	PRICE
TT.CP.101	48	12	22-24	2	4000
TT.CP.102	48	12	22-24	2	4000
TT.CP.103	48	12	22-24	2	4000
TT.CP.104	48	12	22-24	2	4000
TT.CP.105	48	12	22-24	2	4000
TT.CP.106	48	12	22-24	2	4000
TT.CP.107	48	12	18-20	2	4000
TT.CP.108	48	12	18-20	2	4000
TT.CP.109	48	12	18-20	2	4000
TT.CP.110	48	12	18-20	2	4000
TT.CP.111	48	12	18-20	2	4000
TT.CP.112	48	12	18-20	2	4000



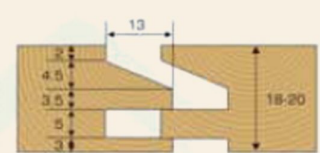
TT.CP.101



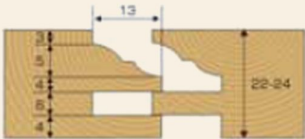
TT.CP.104



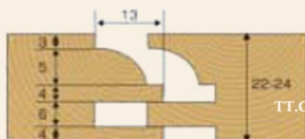
TT.CP.107



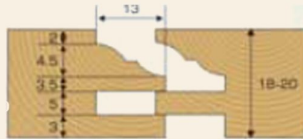
TT.CP.110



TT.CP.102



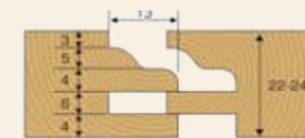
TT.CP.105



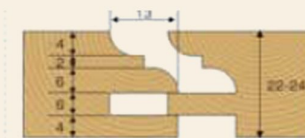
TT.CP.108



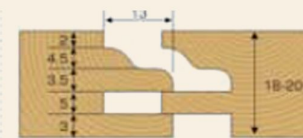
TT.CP.111



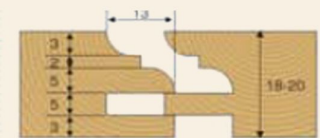
TT.CP.103



TT.CP.106

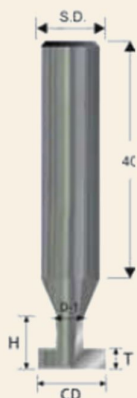


TT.CP.109

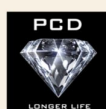


TT.CP.112

Solid Carbide Keyhole Bit - TT.KH



ORDER NO.	C.D. (mm)	T (mm)	H (mm)	D1	S.D.	PRICE
TT.KH.9.5.10	9.5	5	12	5	10	2462
TT.KH.9.5.12	9.5	5	12	5	12	2769
TT.KH.11.12	11	5	12	5	12	2769
TT.KH.12.12	12	5	12	5	12	2769



Also available in PCD



T.C.T. Brazed Tongue & Groove Router Bit Set - TT.TGR

Application: Suitable for Solidwood &

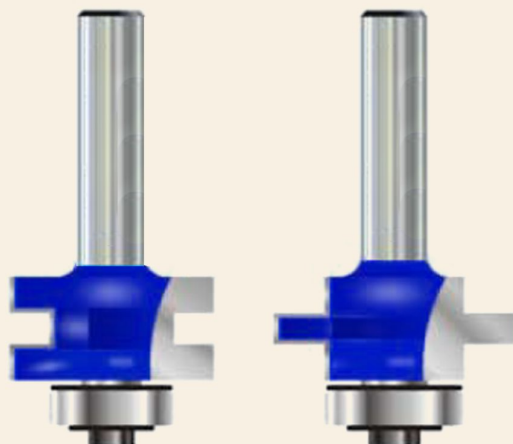
panel materials in min 12mm to 26mm thicknesses.

Technical Details: High Quality Carbide Tip For Long

Life & many re-sharpenings, Precision Ground, 2 wing

Router bits for better performance.

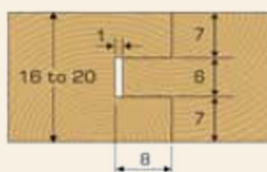
Use On: Stand Router Machine, Portable Router Machine



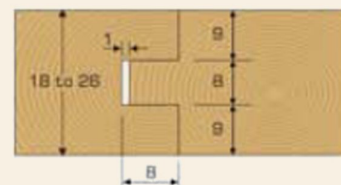
ORDER NO.	DIA. (mm)	SHANK (mm)	BOARD (mm)	Z	PRICE
TT.TGR.101	36/34	12	12-16	2	3539
TT.TGR.102	38/36	12	16-20	2	3846
TT.TGR.103	38/36	12	18-26	2	4308
TT.TGR.104	36/34	12	12-16	2	3539
TT.TGR.105	38/36	12	16-20	2	3846
TT.TGR.106	38/36	12	18-26	2	4308
TT.TGR.107	36/34	12	12-16	2	3539
TT.TGR.108	38/36	12	16-20	2	3846
TT.TGR.109	38/36	12	18-26	2	4308
TT.TGR.110	36/34	12	12-16	2	3539
TT.TGR.111	38/36	12	16-20	2	3846
TT.TGR.112	38/36	12	18-26	2	4308



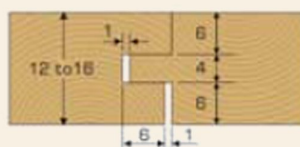
TT.TGR.101



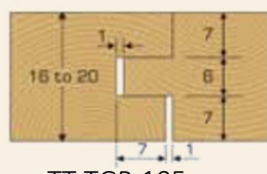
TT.TGR.102



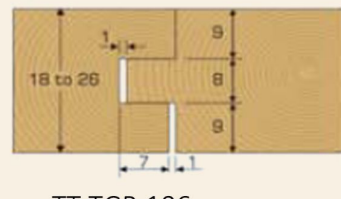
TT.TGR.103



TT.TGR.104



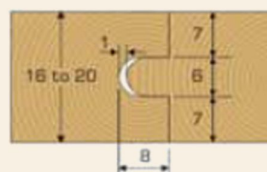
TT.TGR.105



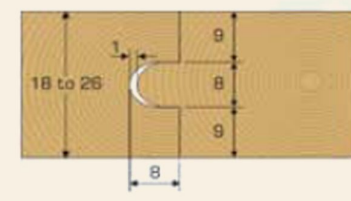
TT.TGR.106



TT.TGR.107



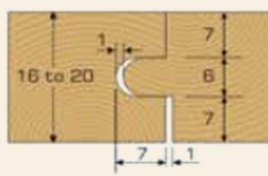
TT.TGR.108



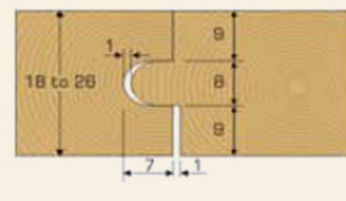
TT.TGR.109



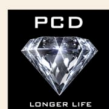
TT.TGR.110



TT.TGR.111



TT.TGR.112



Also available in PCD

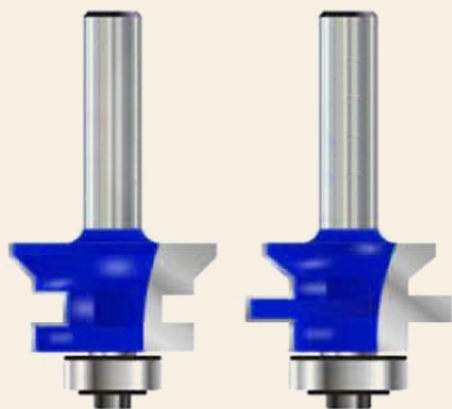
T.C.T. Brazed Tongue & Groove Router Bit Set - TT.TGR

Application: Suitable For Solid Wood &

Technical Details: High quality carbide tip for

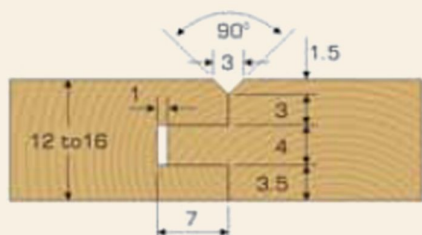
Panel materials in min 12mm to 25mm thickness. long life & many re-sharpenings, precision ground.

Use On: Stand Router machine, Portable Router Machine

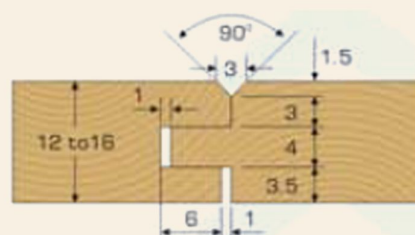


ORDER NO.	DIA. (mm)	SHANK (mm)	BOARD (mm)	Z	PRICE
TT.TGR.201	36/42	12	12-16	2	4616
TT.TGR.202	36/42	12	12-16	2	4616
TT.TGR.203	36/42	12	12-16	2	4616
TT.TGR.204	36/42	12	12-16	2	4616
TT.TGR.205	38/44	12	18-25	2	5077
TT.TGR.206	38/44	12	18-25	2	5077
TT.TGR.207	38/44	12	18-25	2	5077
TT.TGR.208	38/44	12	18-25	2	5077

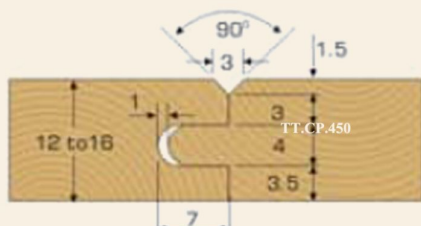
Bearing Size: D-22 x B-8 x T- 6



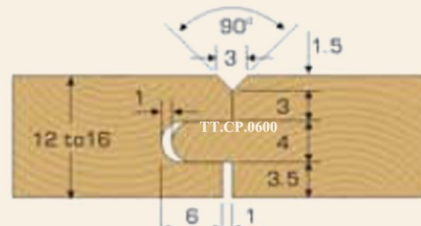
TT.TGR.201



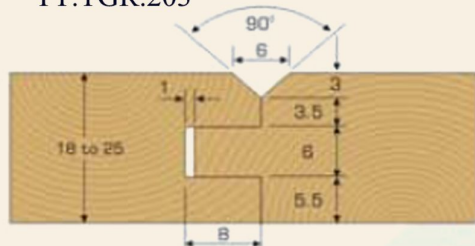
TT.TGR.202



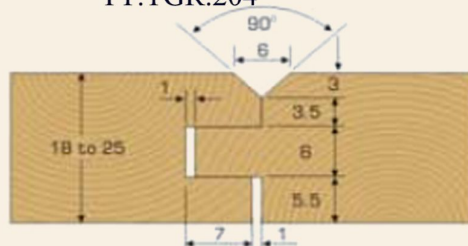
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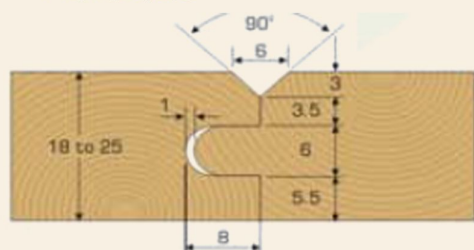
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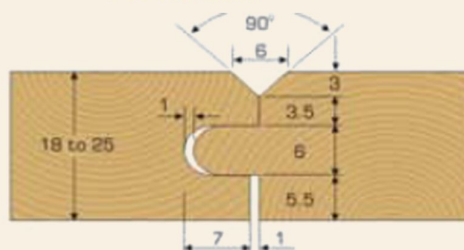
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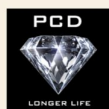
TT.TGR.206



TT.TGR.207

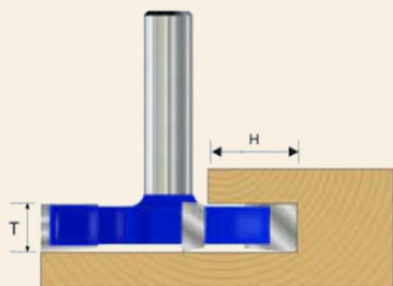


TT.TGR.208



Also available in PCD

T.C.T. Brazed Rebating and Planning Bits - TT.RP



ORDER NO.	DIA. (mm)	T (mm)	H (mm)	SD (mm)	Z	PRICE
TT.RP.4506	45	6	15	12	2	1385
TT.RP.4508	45	8	15	12	2	1539
TT.RP.4510	45	10	15	12	2	1692
TT.RP.4512	45	12	15	12	2	1846
TT.RP.5506	55	6	19	12	2	2000
TT.RP.5508	55	8	19	12	2	2077
TT.RP.5510	55	10	19	12	2	2154
TT.RP.5512	55	12	19	12	2	2231
TT.RP.6506	65	6	25	12	2	2308
TT.RP.6508	65	8	25	12	2	2385
TT.RP.6510	65	10	25	12	2	2462
TT.RP.6512	65	12	25	12	2	2539

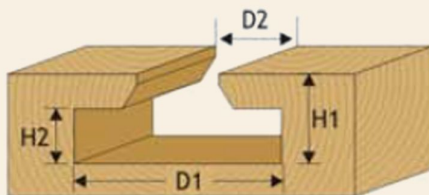
Remark: Special Specification is Available as per customer Order

T.C.T. Brazed T-Slotting Bits - TT.TS



ORDER NO.	D1 (mm)	D2 (mm)	H1 (mm)	H2 (mm)	SD (mm)	PRICE
TT.TS.102	29	11	16	8	12	2000

Remark: Special Specification is Available as per customer Order

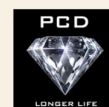
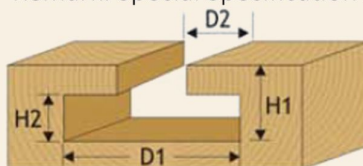


T.C.T. Brazed T-Slotting Bits - TT.TS



ORDER NO.	D1 (mm)	D2 (mm)	H1 (mm)	H2 (mm)	SD (mm)	PRICE
TT.TS.101	29	11	16	8	12	2154

Remark: Special Specification is Available as per customer Order



Also available in PCD

T.C.T. Brazed Hole Saw Bits - TT.HH

Use On: Hand Drill & Stand Drill type machine



ORDER NO.	DIA. (mm)	DEPTH (mm)	SHANK (mm)	Z	PRICE
TT.HS.35.12	35	28	12	6	1077
TT.HS.40.12	40	28	12	6	1231
TT.HS.45.12	45	28	12	6	1385
TT.HS.50.12	50	28	12	8	1539
TT.HS.55.12	55	28	12	8	1692
TT.HS.60.12	60	28	12	8	1769
TT.HS.63.12	63.5	28	12	8	2000
TT.HS.65.12	65	28	12	10	2077
TT.HS.70.12	70	28	12	10	2154
TT.HS.75.12	75	28	12	10	2308
TT.HS.80.12	80	28	12	10	2462

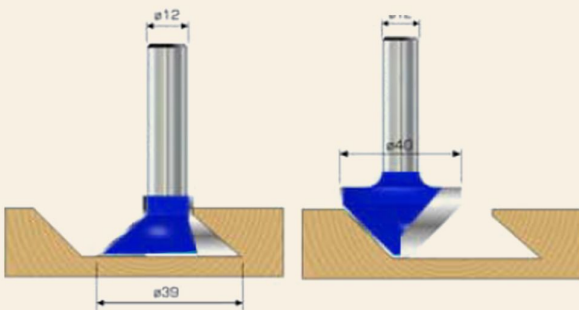
T.C.T. Brazed Hole Saw Bit For Aluminium Profile Shutters - TT.HSA

Use On: Stand Drill & Hand Drill type machine



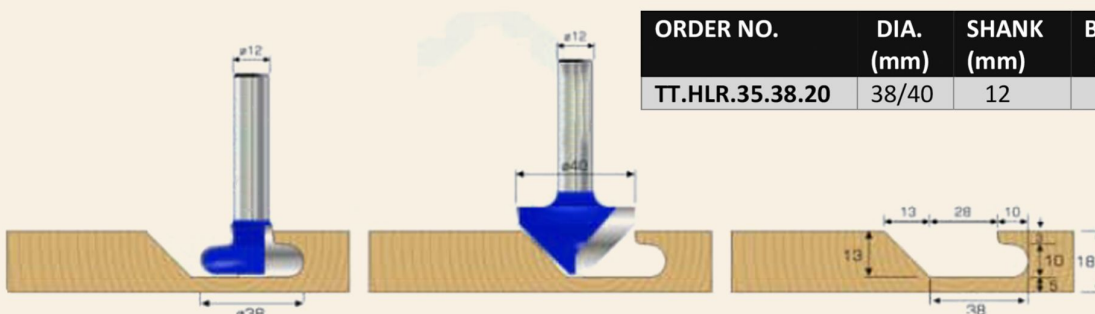
ORDER NO.	DIA. (mm)	DEPTH (mm)	SHANK (mm)	Z	PRICE
TT.HSA.35.12.10	35	12	10	8	1385

T.C.T. Brazed Router Bits Set For Handle Less Shutter & Drawer



ORDER NO.	DIA. (mm)	SHANK (mm)	BOARD (mm)	Z	PRICE
TT.HLR.35.32.18	39/40	12	18	2	4923

T.C.T. Brazed Router Bits Set For Handle Less Shutter & Drawer



ORDER NO.	DIA. (mm)	SHANK (mm)	BOARD (mm)	Z	PRICE
TT.HLR.35.38.20	38/40	12	18	2	4923

H.S.S. Slot Mortising Drill Bit - TT.HS

Application: Used For Cutting Mortise Slots

Use On: Mortising Machine Equipped

In Soft And Hardwood

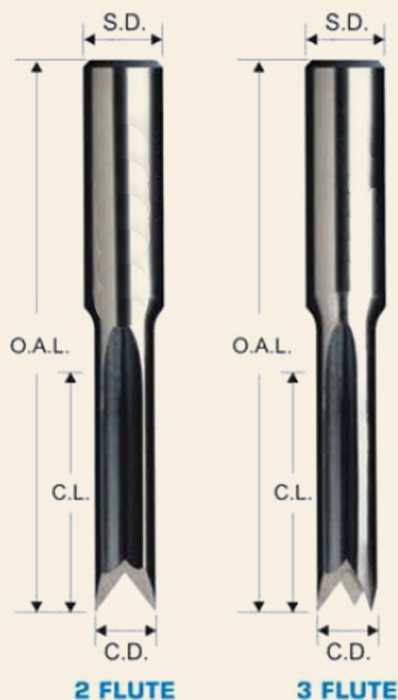
with Chucks

Technical : Long Lasting Cutter Performance

and 2 HSS Precision Cutting Edges

2 FLUTE

Premium Series



ORDER NO.	C.D. (mm)	C.L. (mm)	O.A.L. (mm)	S.D. (mm)	Z	PRICE
TT.HS.06.40.2	6	40	100	12/13	2	1692
TT.HS.08.50.2	8	50	100	12/13	2	1692
TT.HS.10.60.2	10	60	100	12/13	2	1692
TT.HS.12.60.2	12	60	100	12/13	2	1846
TT.HS.13.60.2	13	60	100	12/13	2	1923
TT.HS.14.60.2	14	60	100	12/13	2	2000
TT.HS.15.60.2	15	60	100	12/13	2	2154
TT.HS.16.60.2	16	60	100	12/13	2	2308
TT.HS.18.60.2	18	60	100	12/13	2	3077
TT.HS.19.60.2	19	60	100	12/13	2	3385
TT.HS..20.60.2	20	60	100	12/13	2	3692

3 FLUTE

Premium Series

ORDER NO.	C.D. (mm)	C.L. (mm)	O.A.L. (mm)	S.D. (mm)	Z	PRICE
TT.HS.06.40.3	6	40	100	16	3	2077
TT.HS.08.50.3	8	50	100	16	3	2077
TT.HS.10.60.3	10	60	100	16	3	2154
TT.HS.12.60.3	12	60	100	16	3	2231
TT.HS.13.60.3	13	60	100	16	3	2462
TT.HS.14.60.3	14	60	100	16	3	2615
TT.HS.15.60.3	15	60	100	16	3	2923
TT.HS.16.60.3	16	60	100	16	3	3077
TT.HS.18.60.3	18	60	100	16	3	3692
TT.HS.19.60.3	19	60	100	16	3	4154
TT.HS..20.60.3	20	60	100	16	3	4462

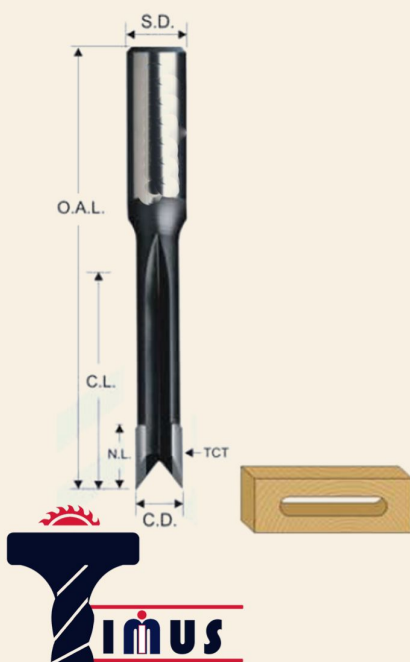
T.C.T. Slot Mortising Drill Bit - TT.TC

Application: Used For Cutting Mortise Slots in Soft & Hardwood

Use On: Mortising Machine Equipped with Chucks

Technical Details: Long lasting cutter performance and 2 T.C.T

Precision Cutting Edges



ORDER NO.	C.D. (mm)	C.L. (mm)	N.L. (mm)	S.D. (mm)	O.A.L. (mm)	Z	PRICE
TT.TC.10.20.60	10	60	20	12/13/16	110	2	2154
TT.TC.12.20.60	12	60	20	12/13/16	110	2	2462
TT.TC.13.20.60	13	60	20	12/13/16	110	2	2615
TT.TC.14.20.60	14	60	20	12/13/16	110	2	2769
TT.TC.15.20.60	15	60	20	12/13/16	110	2	2923
TT.TC.16.20.60	16	60	20	12/13/16	110	2	3231
TT.TC.18.20.60	18	60	20	12/13/16	110	2	3692
TT.TC.19.20.60	19	60	20	12/13/16	110	2	4000
TT.TC.20.20.60	20	60	20	12/13/16	110	2	4154



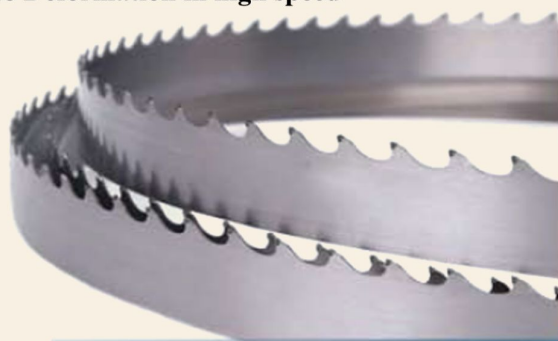
T.C.T. (Carbide Tipped) Band Saw Blades - TT.BS

Application & Technical Details:

According to model of Band Saw Machine, The sizes The humidity The hardness of the wood, Also including the hardness of Carbide, Tooth Pitch, Tooth Shape, Body Thickness and The Cutting Angle, We choose the most suitable Band Saw Blade, Band Saw Blade body and Carbide Tips made from Germany and taking the plasma and high frequency welding technology, The good stress processing technology ensure that the Band Saw Blade will not be subjected to Deformation in high speed operation, It is widely used in Soft and Hard wood cutting.

Product Features

1. Suitable for logs with large cross section cutting.
2. Excellent finish and wear resistance
3. Faster, Flatter & Straighter cuts, with less waste.
4. Accurate, Stable cutting, Robust & Durable,
5. Easy maintenance & Re- sharpenable.



ORDER NO.	LENGTH (mm)	KERF THICK(mm)	BODY THICK(mm)	WIDTH (mm)	TPI	PRICE
TT.BS.7010.60.18	7010	1.8	1.05	60	22TPI	17693
TT.BS.7087.60.18	7087	1.8	1.05	60	22TPI	19231
TT.BS.7137.60.18	7137	1.8	1.05	60	22TPI	19693
TT.BS.9601.60.20	9601	2.0	1.05	60	22TPI	23078
TT.BS.9906.60.20	9906	2.0	1.05	60	22TPI	23847

Bearing Guide - TT.BG

Technical: Hard Alloy Body with Precision Bearing

Use On: Spindle moulder Machine



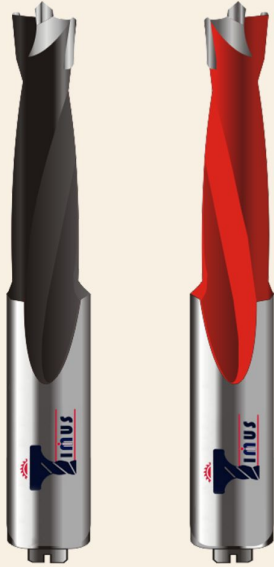
ORDER NO.	DIA. (mm)	BORE (mm)	THICK (mm)	PRICE
TT.BG.70	70	30/35	12	1385
TT.BG.75	75	30/35	12	1385
TT.BG.80	80	30/35	12	1385
TT.BG.85	85	30/35	12	1385
TT.BG.90	90	30/35	12	1385
TT.BG.95	95	30/35	12	1385
TT.BG.100	100	30/35	12	1385
TT.BG.110	110	30/35	12	1385
TT.BG.120	120	30/35	12	1385
TT.BG.125	125	30/35	12	1385

A range of alloy sleeves secured over a large diameter Ball Bearing which act as guide roller for various spindle moulder applications, the most popular of which is for curved work with a template. When making the profiling template bearing can be placed above or below the cutter block depending upon the block being used.

T.C.T Multi Boring Bits [Dowel Drills] - TTB . MB - 57.5mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck

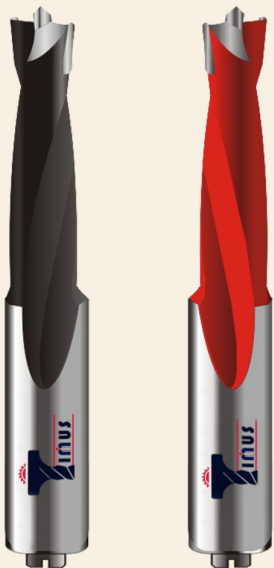


CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	CL (mm)	SHANK (mm)
TTB.MB.357R	1385	TTB.MB.357L	1385	3	57.5	25	10X27
TTB.MB.457R	769	TTB.MB.457L	769	4	57.5	25	10X27
TTB.MB.557R	731	TTB.MB.557L	731	5	57.5	25	10X27
TTB.MB.657R	731	TTB.MB.657L	731	6	57.5	25	10X27
TTB.MB.757R	769	TTB.MB.757L	769	7	57.5	25	10X27
TTB.MB.857R	769	TTB.MB.857L	769	8	57.5	25	10X27
TTB.MB.957R	846	TTB.MB.957L	846	9	57.5	25	10X27
TTB.MB.1057R	846	TTB.MB.1057L	846	10	57.5	25	10X27
TTB.MB.1157R	1000	TTB.MB.1157L	1000	11	57.5	25	10X27
TTB.MB.1257R	1000	TTB.MB.1257L	1000	12	57.5	25	10X27
TTB.MB.1557R	1462	TTB.MB.1557L	1462	15	57.5	25	10X27

T.C.T Multi Boring Bits [Dowel Drills] - TTB. MB - 70mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck



CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	CL (mm)	SHANK (mm)
TTB.MB.370R	1385	TTB.MB.370L	1385	3	70	35	10X30
TTB.MB.470R	769	TTB.MB.470L	769	4	70	35	10X30
TTB.MB.570R	731	TTB.MB.570L	731	5	70	35	10X30
TTB.MB.670R	731	TTB.MB.670L	731	6	70	35	10X30
TTB.MB.770R	769	TTB.MB.770L	769	7	70	35	10X30
TTB.MB.870R	769	TTB.MB.870L	769	8	70	35	10X30
TTB.MB.970R	846	TTB.MB.970L	846	9	70	35	10X30
TTB.MB.1070R	846	TTB.MB.1070L	846	10	70	35	10X30
TTB.MB.1170R	1000	TTB.MB.1170L	1000	11	70	35	10X30
TTB.MB.1270R	1000	TTB.MB.1270L	1000	12	70	35	10X30
TTB.MB.1370R	1462	TTB.MB.1370L	1462	13	70	35	10X30
TTB.MB.1570R	1462	TTB.MB.1570L	1462	15	70	35	10X30

T.C.T Hinge Drill Bits - ATB . HB - 57.5mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck



CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	SHANK (mm)
TTB.HB.15.57R	1077	TTB.HB.15.57L	1077	15	57.5	10X26
TTB.HB.16.57R	1154	TTB.HB.16.57L	1154	16	57.5	10X26
TTB.HB.18.57R	1154	TTB.HB.18.57L	1154	18	57.5	10X26
TTB.HB.19.57R	1231	TTB.HB.19.57L	1231	19	57.5	10X26
TTB.HB.20.57R	1231	TTB.HB.20.57L	1231	20	57.5	10X26
TTB.HB.22.57R	1231	TTB.HB.22.57L	1231	22	57.5	10X26
TTB.HB.25.57R	1231	TTB.HB.25.57L	1231	25	57.5	10X26
TTB.HB.30.57R	1385	TTB.HB.30.57L	1385	30	57.5	10X26
TTB.HB.35.57R	1462	TTB.HB.35.57L	1462	35	57.5	10X26
TTB.HB.40.57R	2000	TTB.HB.40.57L	2000	40	57.5	10X26
TTB.HB.50.57R	2769	TTB.HB.50.57L	2769	50.8	57.5	10X26
TTB.HB.63.57R	3385	TTB.HB.63.57L	3385	63.5	57.5	10X26

T.C.T Hinge Drill Bits - ATB . HB - 70mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck

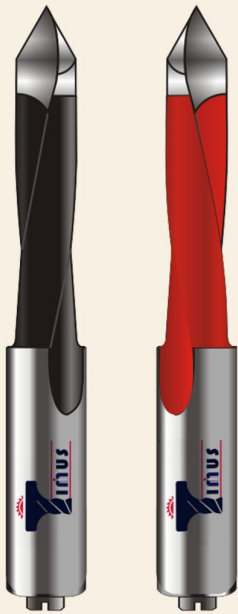


CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	SHANK (mm)
TTB.HB.15.70R	1077	TTB.HB.15.70L	1077	15	70	10X26
TTB.HB.16.70R	1154	TTB.HB.16.70L	1154	16	70	10X26
TTB.HB.18.70R	1154	TTB.HB.18.70L	1154	18	70	10X26
TTB.HB.19.70R	1231	TTB.HB.19.70L	1231	19	70	10X26
TTB.HB.20.70R	1231	TTB.HB.20.70L	1231	20	70	10X26
TTB.HB.22.70R	1231	TTB.HB.22.70L	1231	22	70	10X26
TTB.HB.25.70R	1231	TTB.HB.25.70L	1231	25	70	10X26
TTB.HB.30.70R	1385	TTB.HB.30.70L	1385	30	70	10X26
TTB.HB.35.70R	1462	TTB.HB.35.70L	1462	35	70	10X26
TTB.HB.40.70R	2000	TTB.HB.40.70L	2000	40	70	10X26
TTB.HB.50.70R	2769	TTB.HB.50.70L	2769	50.8	70	10X26
TTB.HB.63.70R	3385	TTB.HB.63.70L	3385	63.5	70	10X26

T.C.T Through Hole Bits [Dowel Drills] - ATB . TH - 57.5mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck

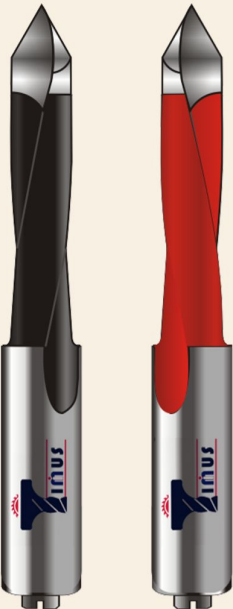


CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	CL (mm)	SHANK (mm)
TTB.TH.357R	1462	TTB.TH.357L	1462	3	57.5	25	10X27
TTB.TH.457R	1000	TTB.TH.457L	1000	4	57.5	25	10X27
TTB.TH.557R	846	TTB.TH.557L	846	5	57.5	25	10X27
TTB.TH.657R	923	TTB.TH.657L	923	6	57.5	25	10X27
TTB.TH.757R	1000	TTB.TH.757L	1000	7	57.5	25	10X27
TTB.TH.857R	1000	TTB.TH.857L	1000	8	57.5	25	10X27
TTB.TH.957R	1077	TTB.TH.957L	1077	9	57.5	25	10X27
TTB.TH.1057R	1077	TTB.TH.1057L	1077	10	57.5	25	10X27
TTB.TH.1157R	1231	TTB.TH.1157L	1231	11	57.5	25	10X27
TTB.TH.1257R	1308	TTB.TH.1257L	1308	12	57.5	25	10X27

T.C.T Through Hole Bits [Dowel Drills] - ATB . TH - 70mm Length

Application : Drill Blind Holes On Laminated material, Solid Wood And Plastic.

Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck



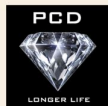
CODE (RIGHT)	PRICE	CODE (LEFT)	PRICE	DIA (mm)	OAL (mm)	CL (mm)	SHANK (mm)
TTB.TH.370R	1462	TTB.TH.370L	1462	3	70	35	10X30
TTB.TH.470R	1000	TTB.TH.470L	1000	4	70	35	10X30
TTB.TH.570R	846	TTB.TH.570L	846	5	70	35	10X30
TTB.TH.670R	923	TTB.TH.670L	923	6	70	35	10X30
TTB.TH.770R	1000	TTB.TH.770L	1000	7	70	35	10X30
TTB.TH.870R	1000	TTB.TH.870L	1000	8	70	35	10X30
TTB.TH.970R	1077	TTB.TH.970L	1077	9	70	35	10X30
TTB.TH.1070R	1077	TTB.TH.1070L	1077	10	70	35	10X30
TTB.TH.1170R	1231	TTB.TH.1170L	1231	11	70	35	10X30
TTB.TH.1270R	1308	TTB.TH.1270L	1308	12	70	35	10X30

T.C.T Brazed Grooving Cutter

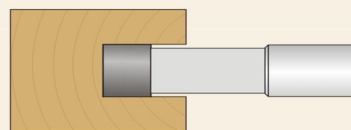
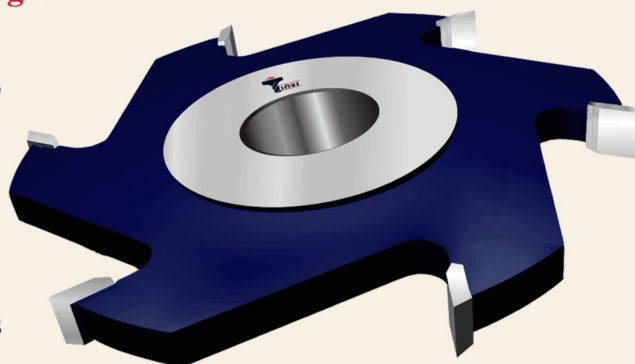
Application : These Cutters Are Ideal Tools To Create Precision Grooving & Rebating in Jobs

From 4mm To 38mm Perfect Grooving
In All Materials But Ideal On
Solid Woods, Plywood & MDF

Use On : Spindle Moulder Machines
Double - end Tenoners And Shapers Machines



Also available in PCD



Diameter - 125mm

CODE	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTB.GC.01.504	125	30/35	4	6	885
TTB.GC.01.506	125	30/35	6	6	969
TTB.GC.01.508	125	30/35	8	6	1077
TTB.GC.01.509	125	30/35	9	6	1154
TTB.GC.01.510	125	30/35	10	6	1231
TTB.GC.01.512	125	30/35	12	6	1308
TTB.GC.01.515	125	30/35	15	6	1923
TTB.GC.01.518	125	30/35	18	6	2154
TTB.GC.01.520	125	30/35	20	6	2308
TTB.GC.01.522	125	30/35	22	6	2462
TTB.GC.01.525	125	30/35	25	6	2615
TTB.GC.01.530	125	30/35	30	6	3231
TTB.GC.01.535	125	30/35	35	6	3539
TTB.GC.01.538	125	30/35	38	6	4231

Diameter - 100mm

CODE	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTB.GC.01.404	100	30/35	4	6	885
TTB.GC.01.406	100	30/35	6	6	969
TTB.GC.01.408	100	30/35	8	6	1077
TTB.GC.01.409	100	30/35	9	6	1154
TTB.GC.01.410	100	30/35	10	6	1231
TTB.GC.01.412	100	30/35	12	6	1308
TTB.GC.01.415	100	30/35	15	6	1923
TTB.GC.01.418	100	30/35	18	6	2154
TTB.GC.01.420	100	30/35	20	6	2308
TTB.GC.01.422	100	30/35	22	6	2462
TTB.GC.01.425	100	30/35	25	6	2615
TTB.GC.01.430	100	30/35	30	6	3231
TTB.GC.01.435	100	30/35	35	6	3539
TTB.GC.01.438	100	30/35	38	6	4231

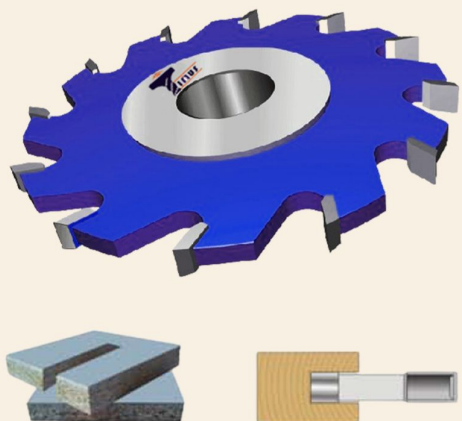
Diameter - 200mm

CODE	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTB.GC.01.804	200	30/35	4	8	1923
TTB.GC.01.806	200	30/35	6	8	1923
TTB.GC.01.808	200	30/35	8	8	1923
TTB.GC.01.809	200	30/35	9	8	2000
TTB.GC.01.810	200	30/35	10	8	2154
TTB.GC.01.812	200	30/35	12	8	2154
TTB.GC.01.815	200	30/35	15	8	3231
TTB.GC.01.818	200	30/35	18	8	3539
TTB.GC.01.820	200	30/35	20	8	3846
TTB.GC.01.822	200	30/35	22	8	4462
TTB.GC.01.825	200	30/35	25	8	4923
TTB.GC.01.830	200	30/35	30	8	5308
TTB.GC.01.835	200	30/35	35	8	5692
TTB.GC.01.838	200	30/35	38	8	6154

Diameter - 150mm

CODE	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTB.GC.01.504	150	30/35	4	6	885
TTB.GC.01.506	150	30/35	6	6	969
TTB.GC.01.508	150	30/35	8	6	1077
TTB.GC.01.509	150	30/35	9	6	1154
TTB.GC.01.510	150	30/35	10	6	1231
TTB.GC.01.512	150	30/35	12	6	1308
TTB.GC.01.515	150	30/35	15	6	1923
TTB.GC.01.518	150	30/35	18	6	2154
TTB.GC.01.520	150	30/35	20	6	2308
TTB.GC.01.522	150	30/35	22	6	2462
TTB.GC.01.525	150	30/35	25	6	2615
TTB.GC.01.530	150	30/35	30	6	3231
TTB.GC.01.535	150	30/35	35	6	3539
TTB.GC.01.538	150	30/35	38	6	4231

T.C.T Brazed Grooving Cutters For Spindle Moulder M/c -TTB-GC.02



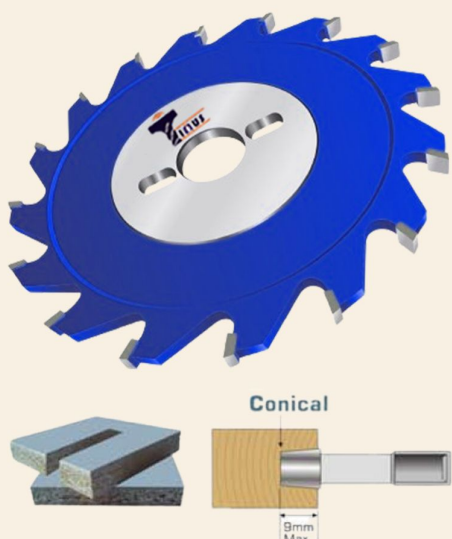
Application: These Cutters are the ideal tools to create precision

slots and grooves.perfect grooving in all materials ,but ideal on solid wood, laminated board and chip board.

Use On:Spindle Moulder Machines

ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	PRICE
TTB.GC.02.6012	150	30/35	6	12	2462
TTB.GC.02.8012	150	30/35	8	12	2462
TTB.GC.02.9012	150	30/35	9	12	2615
TTB.GC.02.1012	150	30/35	10	12	2846
TTB.GC.02.1212	150	30/35	12	12	3000

T.C.T Brazed Grooving Cutters For Panel Saw Machine-TTB-GC.02



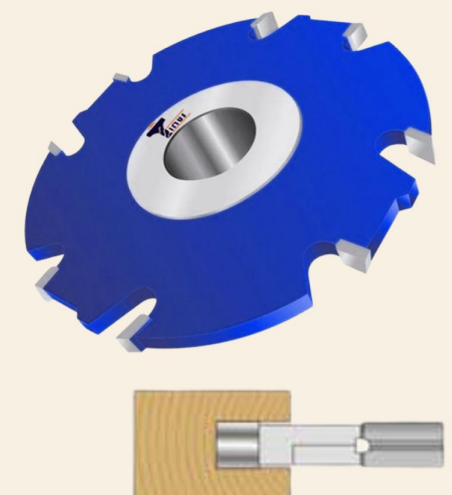
Application: These Cutters are the ideal tools to create precision

slots and grooves.perfect grooving in all materials ,Excellent Finish with without Chipping Mark

Use On:Panel Saw Machines

ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	PRICE
TTB.GC.02.6216	200	30	6.2	16	4923
TTB.GC.02.7216	200	30	7.2	16	4923
TTB.GC.02.8216	200	30	8.2	16	4923
TTB.GC.02.9216	200	30	9.2	16	4923
TTB.GC.02.1016	200	30	10.2	16	4923
TTB.GC.02.1116	200	30	11.2	16	4923
TTB.GC.02.1216	200	30	12.2	16	4923

T.C.T Brazed Adjustable Grooving Cutter-TTB-AG.03

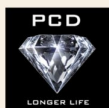


Application: These Cutters are the ideal tools to create precision

slots and grooves.perfect grooving in all materials ,but ideal on solid wood, Plywood And Laminated Board.

Use On:Spindle Moulder Machines,Double & Tenoners

ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	PRICE
TTB.AG.03.0612	150	30/35	6-12	4+4	4923
TTB.AG.03.0612	150	30/35	8-15	4+4	5539
TTB.AG.03.0612	150	30/35	12-24	4+4	6462
TTB.AG.03.0612	150	30/35	15-29	4+4	7077



Also available in PCD

www.timustooling.com

T.C.T Brazed Grooving Cutters With Spur - TTB.CGS.03

Application: These Cutters are the ideal tools to create precision slots and grooves, perfect grooving in all materials, Excellent Finish with without chipping mark but ideal on solid wood & ply with laminated

Use On: Spindle Moulder Machines



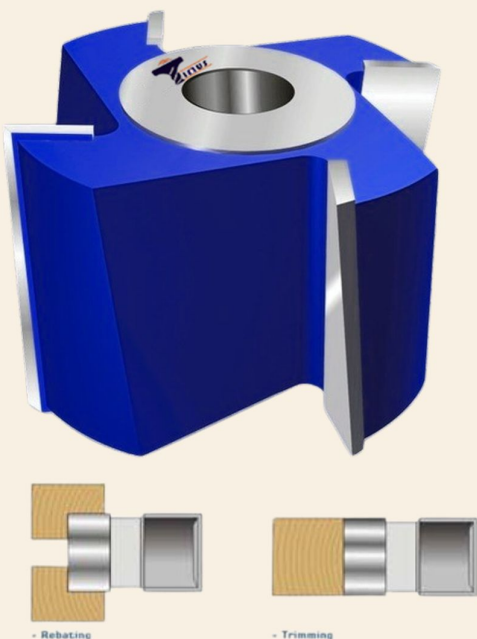
ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	SPUR	PRICE
TTB.GCS.03.12504	125	30/35	4	4	2+2	2923
TTB.GCS.03.12504	125	30/35	6	4	2+2	3231
TTB.GCS.03.12504	125	30/35	8	4	2+2	3385
TTB.GCS.03.12504	125	30/35	10	4	2+2	3539
TTB.GCS.03.12504	125	30/35	12	4	2+2	3692
TTB.GCS.03.12504	125	30/35	15	4	2+2	4000
TTB.GCS.03.12504	125	30/35	18	4	2+2	4616
TTB.GCS.03.12504	125	30/35	20	4	2+2	5231
TTB.GCS.03.12504	150	30/35	4	4	2+2	3385
TTB.GCS.03.12504	150	30/35	6	4	2+2	3692
TTB.GCS.03.12504	150	30/35	8	4	2+2	3846
TTB.GCS.03.12504	150	30/35	10	4	2+2	4000
TTB.GCS.03.12504	150	30/35	12	4	2+2	4154
TTB.GCS.03.12504	150	30/35	15	4	2+2	4462
TTB.GCS.03.12504	150	30/35	18	4	2+2	5077
TTB.GCS.03.12504	150	30/35	20	4	2+2	5692
TTB.GCS.03.12504	150	30/35	25	4	2+2	6616
TTB.GCS.03.12504	200	30/35	4	4	2+2	4000
TTB.GCS.03.12504	200	30/35	6	4	2+2	4308
TTB.GCS.03.12504	200	30/35	8	4	2+2	4462
TTB.GCS.03.12504	200	30/35	10	4	2+2	4616
TTB.GCS.03.12504	200	30/35	12	4	2+2	4923
TTB.GCS.03.12504	200	30/35	15	4	2+2	5385
TTB.GCS.03.12504	200	30/35	18	4	2+2	6154
TTB.GCS.03.12504	200	30/35	20	4	2+2	6462
TTB.GCS.03.12504	200	30/35	25	4	2+2	7385

T.C.T Planning Cutter Head With Helix Angle - TTB.PC.04

Application: Planning, Rebating From Top And

Bottom & Groove perfect Planing in all materials, but ideal on solid woods plywood, MDF & laminated Board

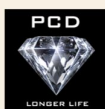
Use On: Spindle Moulder Machines, Four side Moulder Machines.



T.C.T Planner Cutter head

ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	PRICE
TTB.PC.04.030.4	100	30/35	30	4	3692
TTB.PC.04.050.4	100	30/35	50	4	5385
TTB.PC.04.075.4	100	30/35	75	4	8000
TTB.PC.04.100.4	100	30/35	100	4	10770
TTB.PC.04.125.4	100	30/35	125	4	13385
TTB.PC.04.150.4	100	30/35	150	4	16154

ORDER NO.	DIA (mm)	Bore (mm)	THICK (mm)	Z	PRICE
TTB.PC.04.030.5	125	30/35	30	4	3846
TTB.PC.04.050.5	125	30/35	50	4	5846
TTB.PC.04.075.5	125	30/35	75	4	8769
TTB.PC.04.100.5	125	30/35	100	4	11693
TTB.PC.04.125.5	125	30/35	125	4	14616
TTB.PC.04.150.5	125	30/35	150	4	17693



Also available in PCD

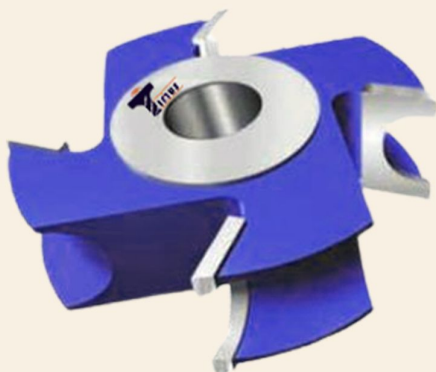


T.C.T Brazed Half Radius Cutter - TTB.HR-05

Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.



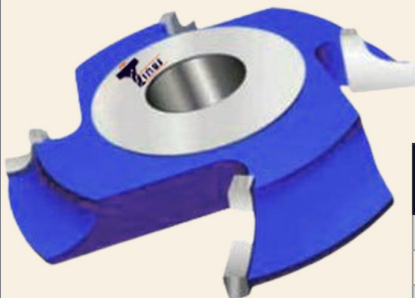
ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	RADIUS	Z	PRICE
TTB.HR.05.1809	125	30/35	18	18	4	4462
TTB.HR.05.2512	125	30/35	25	25	4	4923
TTB.HR.05.3015	125	30/35	30	30	4	7077
TTB.HR.05.3618	125	30/35	36	36	4	8923
TTB.HR.05.5025	125	30/35	50	50	4	14154

T.C.T Brazed Quarter Radius Cutter - TTB.QR-06

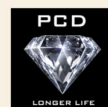
Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.



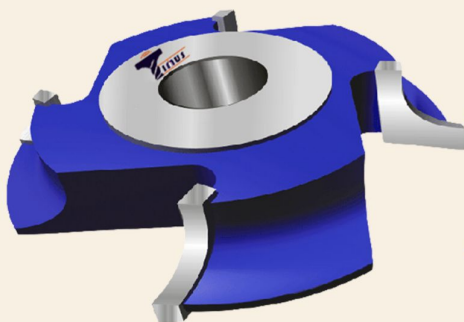
ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	RADIUS	Z	PRICE
TTB.QR.06.1802	125	30/35	18	R 2	4	2000
TTB.QR.06.1802	125	30/35	18	R 3	4	2000
TTB.QR.06.1802	125	30/35	18	R 4	4	2000
TTB.QR.06.1802	125	30/35	18	R 6	4	2154
TTB.QR.06.1802	125	30/35	18	R 9	4	2462
TTB.QR.06.1802	125	30/35	25	R 12	4	2769
TTB.QR.06.1802	125	30/35	25	R 15	4	3539
TTB.QR.06.1802	125	30/35	36	R 18	4	4308
TTB.QR.06.1802	125	30/35	35	R 25	4	5385
TTB.QR.06.1802	125	30/35	35	R 35	4	9077



Also available in PCD

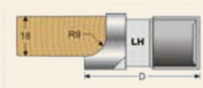
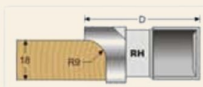
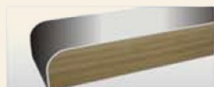


T.C.T Brazed Corner Radius With Straight Trim Cutters - TTB.CT.07



Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

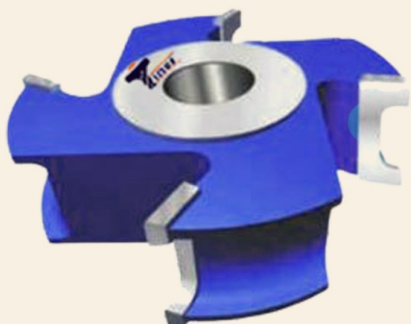
Use On: Spindle Moulder Machines & Shaper Machines



Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.

ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	RADIUS	Z	PRICE
TTB.CT.07.1809	125	30/35	18	R 9	4	4846
TTB.CT.07.1812	125	30/35	18	R 12	4	5308
TTB.CT.07.2512	125	30/35	25	R 12	4	5616
TTB.CT.07.2515	125	30/35	30	R 15	4	6539
TTB.CT.07.3618	125	30/35	36	R 18	4	7693
TTB.CT.07.3625	125	30/35	50	R 25	4	8462

T.C.T Brazed Corner Edge Radius Cutters - TTB.ER.08



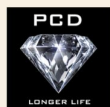
Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.



ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	RADIUS	Z	PRICE
TTB.ER.08.1804	125	30/35	18	R 4	4	4846
TTB.ER.08.2504	125	30/35	25	R 4	4	5616
TTB.ER.08.2506	125	30/35	25	R 6	4	6077
TTB.ER.08.3006	125	30/35	30	R 6	4	7308
TTB.ER.08.3606	125	30/35	36	R 6	4	7923
TTB.ER.08.3609	125	30/35	36	R 9	4	8923



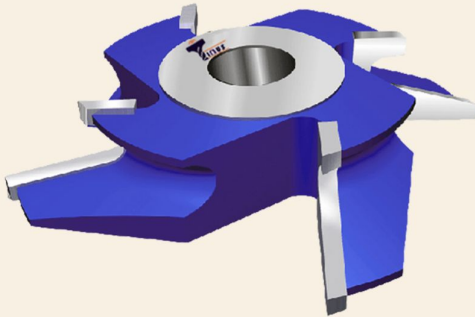
Also available in PCD

T.C.T Brazed Table Top Bull Nose Tooling -TTB.BN.09

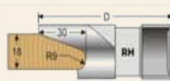
Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.



Post Forming Tooling



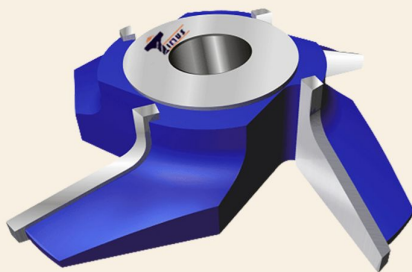
ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	PROFILE LENGTH	Z	PRICE
TTB.BN.09.1830	160	30/35	18	30	4	7077
TTB.BN.09.2535	160	30/35	25	35	4	7693
TTB.BN.09.3640	175	30/35	36	40	4	11077
TTB.BN.09.5060	200	30/35	50	60	4	13693

T.C.T Brazed Table Top Duck Nose Tooling -TTB.DN.10

Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

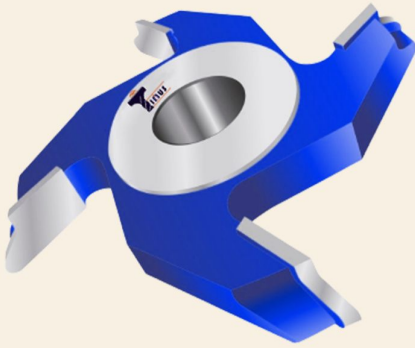
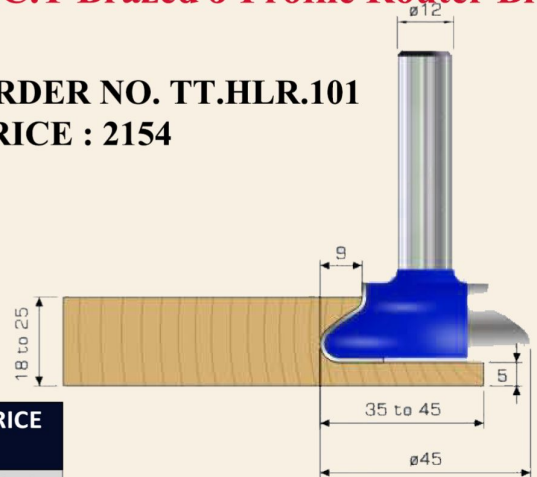
Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.



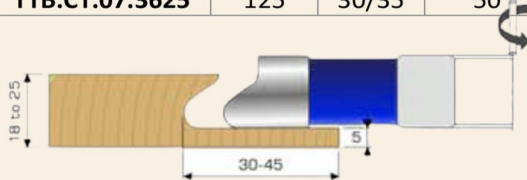
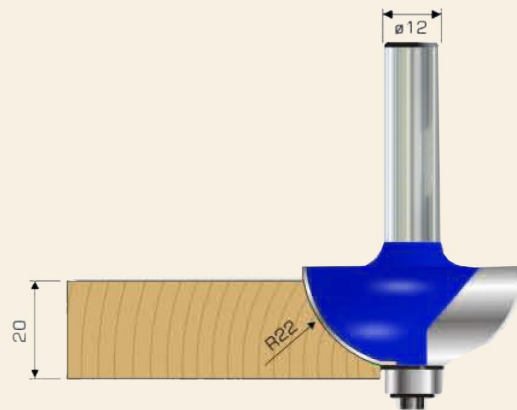
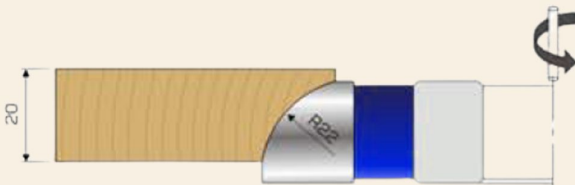
ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	PROFILE LENGTH	Z	PRICE
TTB.DN.10.1830	150	30/35	18	30	4	7077
TTB.DN.10.2535	150	30/35	25	35	4	7693
TTB.DN.10.3640	175	30/35	36	40	4	11077
TTB.DN.10.5060	200	30/35	50	60	4	13693



Also available in PCD

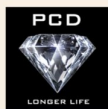
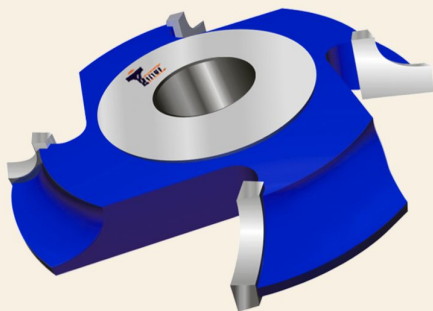
T.C.T Brazed J Profile Cutter**Use For Handle Shutters****T.C.T Brazed J Profile Router Bits****ORDER NO. TT.HLR.101****PRICE : 2154**

ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	RADIUS	Z	PRICE
TTB.CT.07.1809	125	30/35	18	R 9	4	4846
TTB.CT.07.1812	125	30/35	18	R 12	4	5308
TTB.CT.07.2512	125	30/35	25	R 12	4	5616
TTB.CT.07.2515	125	30/35	30	R 15	4	6539
TTB.CT.07.3618	125	30/35	36	R 18	4	7693
TTB.CT.07.3625	125	30/35	50	R 25	4	8462

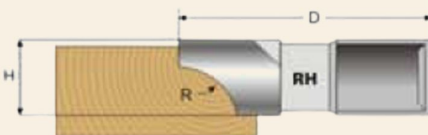
**T.C.T Brazed J Profile Cutter****T.C.T Brazed J Profile Router Bits****ORDER NO. TT.HLR.102****PRICE : 1846**

ORDER NO.	DIA (mm)	Bore (mm)	BOARD THICK	Z	PRICE
TTB.HL.JP.105	125	30/35	18	4	4231

T.C.T Brazed Quarter Radius Cutter - TTB-SW.11 (For Solid Wood)

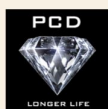
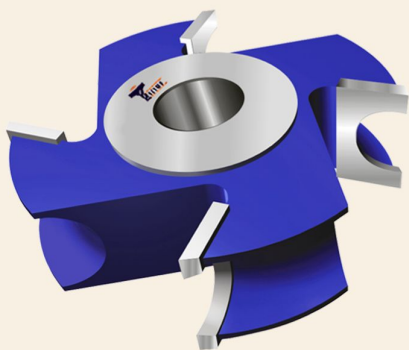


Also available in PCD

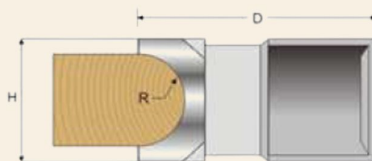


ORDER NO.	PRICE	ORDER NO.	PRICE	DIA (mm)	Bore (mm)	H (mm)	R
TTB.SW.11.2506.Z3	1692	TTB.SW.11.2506.Z3	2154	125	30/35	11	R 6
TTB.SW.11.2508.Z3	1923	TTB.SW.11.2508.Z3	2462	125	30/35	13	R 8
TTB.SW.11.2510.Z3	2077	TTB.SW.11.2510.Z3	2615	125	30/35	15	R 10
TTB.SW.11.2512.Z3	2154	TTB.SW.11.2512.Z3	2769	125	30/35	17	R 12
TTB.SW.11.2515.Z3	2769	TTB.SW.11.2515.Z3	3539	125	30/35	21	R 15
TTB.SW.11.2517.Z3	3385	TTB.SW.11.2517.Z3	4308	125	30/35	23	R 17.5
TTB.SW.11.2520.Z3	3615	TTB.SW.11.2520.Z3	4616	125	30/35	26	R 20
TTB.SW.11.2522.Z3	3846	TTB.SW.11.2522.Z3	4923	125	30/35	28	R 22
TTB.SW.11.2525.Z3	4154	TTB.SW.11.2525.Z3	5385	125	30/35	31	R 25
TTB.SW.11.4030.Z3	6462	TTB.SW.11.4030.Z3	8000	125	30/35	36	R 30
TTB.SW.11.5032.Z3	6616	TTB.SW.11.5032.Z3	8616	125	30/35	38	R 32
TTB.SW.11.5035.Z3	7077	TTB.SW.11.5035.Z3	9077	125	30/35	40	R 35
TTB.SW.11.7540.Z3	8308	TTB.SW.11.7540.Z3	10846	125	30/35	48	R 40
TTB.SW.11.8045.Z3	9077	TTB.SW.11.8045.Z3	11846	125	30/35	52	R 45
TTB.SW.11.8050.Z3	10462	TTB.SW.11.8050.Z3	13539	125	30/35	58	R 50

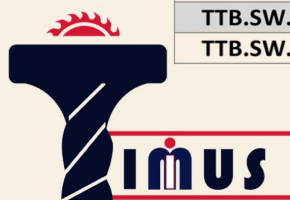
T.C.T Brazed Half Radius Cutter - TTB-SW.12 (For Solid Wood)



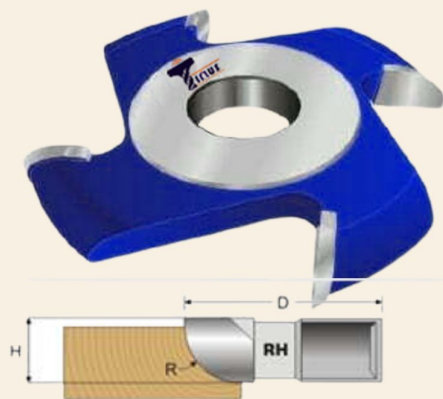
Also available in PCD



ORDER NO.	PRICE	ORDER NO.	PRICE	DIA (mm)	Bore (mm)	H (mm)	R
TTB.SW.12.2506.Z3	2923	TTB.SW.12.2506.Z3	3692	125	30/35	25	R 6
TTB.SW.12.2575.Z3	3231	TTB.SW.12.2575.Z3	4000	125	30/35	25	R 7.5
TTB.SW.12.2509.Z3	3539	TTB.SW.12.2509.Z3	4462	125	30/35	32	R 9
TTB.SW.12.2510.Z3	3692	TTB.SW.12.2510.Z3	4616	125	30/35	32	R 10
TTB.SW.12.2511.Z3	3846	TTB.SW.12.2511.Z3	4769	125	30/35	32	R 11
TTB.SW.12.2512.Z3	4000	TTB.SW.12.2512.Z3	4923	125	30/35	38	R 12.5
TTB.SW.12.2515.Z3	5539	TTB.SW.12.2515.Z3	7077	125	30/35	38	R 15
TTB.SW.12.2517.Z3	6923	TTB.SW.12.2517.Z3	8923	125	30/35	50	R 17.5
TTB.SW.12.2519.Z3	7539	TTB.SW.12.2519.Z3	9693	125	30/35	50	R 19
TTB.SW.12.2522.Z3	9077	TTB.SW.12.2522.Z3	11539	125	30/35	55	R 22.5
TTB.SW.12.5025.Z3	10923	TTB.SW.12.5025.Z3	14154	125	30/35	60	R 25
TTB.SW.12.5030.Z3	12770	TTB.SW.12.5030.Z3	16616	125	30/35	75	R 30



T.C.T Brazed Cove Cutter - TTB-SW.13 (For Solid Wood)



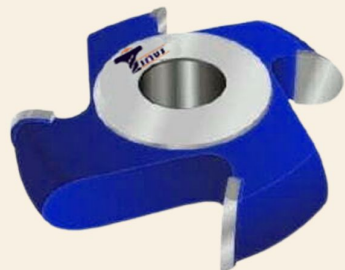
Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.

ORDER NO.	PRICE	ORDER NO.	PRICE	DIA (mm)	Bore (mm)	H (mm)	R
TTB.SW. 13.2506-Z3	1692	TTB.SW 13.2506.Z4	2231	125	30/35	8	R 6
TTB.SW.13.2508-Z3	1846	TTB.SW.13.2508.Z4	2462	125	30/35	10	R 8
TTB.SW.13.2510-Z3	2077	TTB.SW.13.2510.Z4	2692	125	30/35	12	R 10
TTB.SW.13.2512-Z3	2462	TTB.SW.13.2512.Z4	3231	125	30/35	14	R 12
TTB.SW.13.2515-Z3	3539	TTB.SW.13.2515.Z4	4769	125	30/35	17	R 15
TTB.SW.13.2517-Z3	4077	TTB.SW.13.2517.Z4	5385	125	30/35	19	R 17.5
TTB.SW.13.2520-Z3	4616	TTB.SW.13.2520.Z4	6077	125	30/35	22	R 20
TTB.SW.13.4025-Z3	5077	TTB.SW.13.4025.Z4	6769	140	30/35	27	R 25
TTB.SW.13.4030-Z3	7308	TTB.SW.13.4030.Z4	9693	140	30/35	32	R 30
TTB.SW.13.5035-Z3	8308	TTB.SW.13.5035.Z4	11000	150	30/35	38	R 35
TTB.SW.13.7540-Z3	9693	TTB.SW.13.7540.Z4	12693	175	30/35	43	R 40
TTB.SW.13.8045-Z3	11154	TTB.SW.13.8045.Z4	14693	180	30/35	48	R 45
TTB.SW.13.8050-Z3	12154	TTB.SW.13.8050.Z4	16077	180	30/35	53	R 50

T.C.T Brazed Full Radius Cutter - TTB-SW.14 (For Solid Wood)

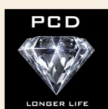


Application: Perfect Radius With Trim In All Materials, But Ideal On Solid Woods, Plywood, Particle Board And MDF

Use On: Spindle Moulder Machines & Shaper Machines

Technical Details: Hard alloy body with tungsten carbide & cnc precision turn, mill, brazed turn, mill, brazed & grind.

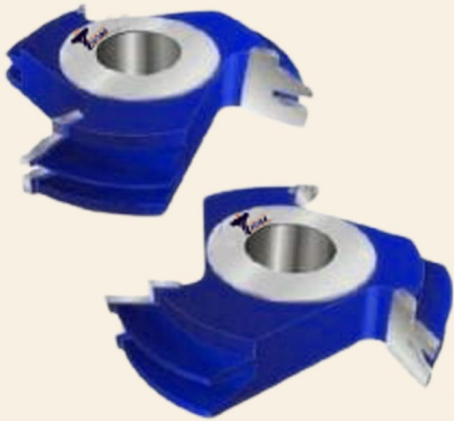
ORDER NO.	PRICE	ORDER NO.	PRICE	DIA (mm)	Bore (mm)	H (mm)	R
TTB.SW.14.2506.Z3	3231	TTB.SW.14.2506.Z4	4077	125	30/35	12	R 6
TTB.SW.14.2575.Z3	3539	TTB.SW.14.2575.Z4	4385	125	30/35	15	R 7.5
TTB.SW.14.2509.Z3	3923	TTB.SW.14.2509.Z4	4692	125	30/35	18	R 9
TTB.SW.14.2510.Z3	4077	TTB.SW.14.2510.Z4	5077	125	30/35	20	R 10
TTB.SW.14.2511.Z3	4385	TTB.SW.14.2511.Z4	5385	125	30/35	22	R 11
TTB.SW.14.2512.Z3	4692	TTB.SW.14.2512.Z4	5769	125	30/35	25	R 12.5
TTB.SW.14.2514.Z3	5077	TTB.SW.14.2514.Z4	6462	125	30/35	28	R 14
TTB.SW.14.2515.Z3	5769	TTB.SW.14.2515.Z4	7077	125	30/35	30	R 15
TTB.SW.14.2516.Z3	6154	TTB.SW.14.2516.Z4	7462	125	30/35	32	R 16
TTB.SW.14.2517.Z3	6308	TTB.SW.14.2517.Z4	7769	125	30/35	35	R 17.7
TTB.SW.14.2519.Z3	6616	TTB.SW.14.2519.Z4	8077	125	30/35	38	R 19
TTB.SW.14.2520.Z3	7077	TTB.SW.14.2520.Z4	8846	125	30/35	40	R 20
TTB.SW.14.4022.Z3	8000	TTB.SW.14.4022.Z4	10154	125	30/35	45	R 22.5
TTB.SW.14.5025.Z3	10616	TTB.SW.14.5025.Z4	13539	125	30/35	50	R 25
TTB.SW.14.5030.Z3	12693	TTB.SW.14.5030.Z4	16077	125	30/35	60	R 30



Also available in PCD



T.C.T Brazed Counter Profile Cutter - TTB.CP.13



Application: Perfect For Solid Wood & Panel Material
From Min : 18mm To Max : 34mm

Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
3 -wing Cutters For Ultimate Balance & Performance

ORDER NO.	DIA. (mm)	BORE (mm)	Wood thick(mm)	Z	PRICE
TTB.CP.13.1001	125	30/35	18-20	3	9539
TTB.CP.13.1002	125	30/35	22-24	3	9539
TTB.CP.13.1003	125	30/35	30-34	3	11231



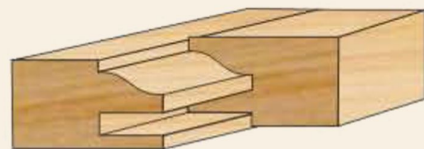
TTB.CP.13.1001



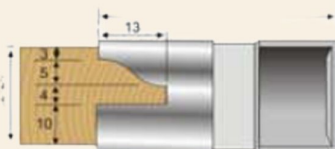
TTB.CP.13.1002



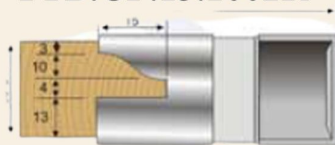
TTB.CP.13.1003



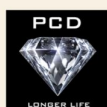
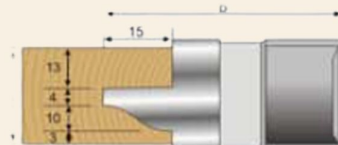
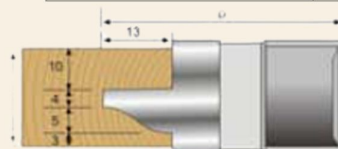
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.CP.13.1002R	125	30/35	22-24	3	9539
TTB.CP.13.1003R	125	30/35	30-34	3	11231



TTB.CP.13.1002R



TTB.CP.13.1003R



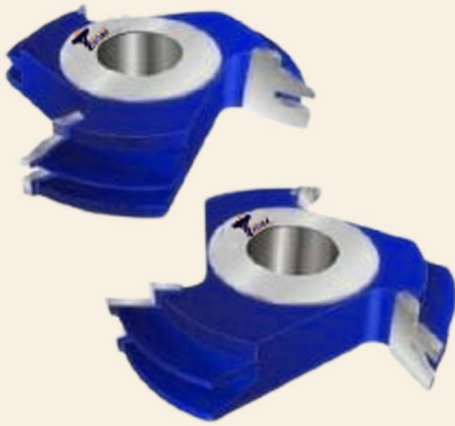
Also available in PCD

T.C.T Brazed Counter Profile Cutter - TTB.CP.13

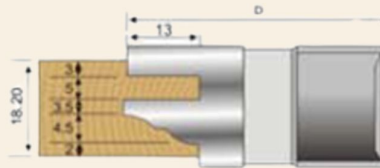
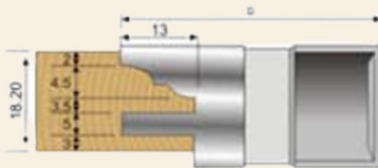
Application: Perfect For Solid Wood & Panel Material
From Min : 18mm To Max : 34mm

Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
3 -wing Cutters For Ultimate Balance & Performance

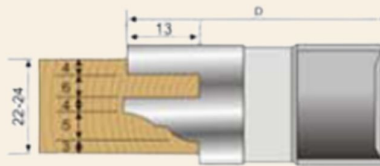
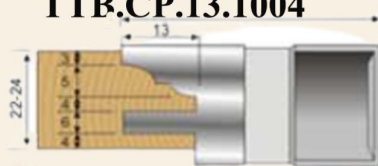


ORDER NO.	DIA. (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
TTB.CP.13.1004	125	30/35	18-20	3	9539
TTB.CP.13.1005	125	30/35	22-24	3	9539
TTB.CP.13.1006	125	30/35	30-34	3	11231

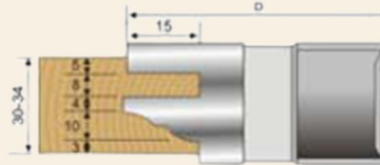
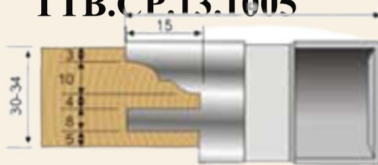


Also available in PCD

TTB.CP.13.1004



TTB.CP.13.1005

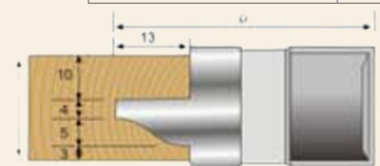
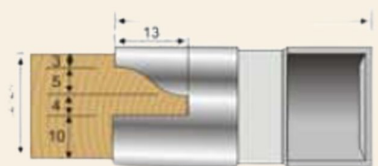


Grooving

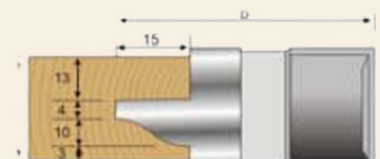
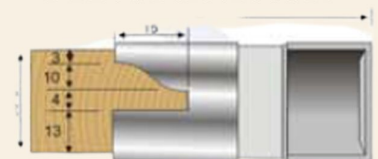


TTB.CP.13.1006

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.CP.13.1005R	125	30/35	22-24	3	9539
TTB.CP.13.1006R	125	30/35	30-34	3	11231



TTB.CP.13.1005R



Rebating



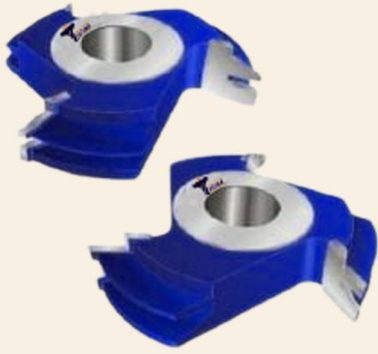
TTB.CP.13.1006R

T.C.T Brazed Counter Profile Counter - TTB.CP.13

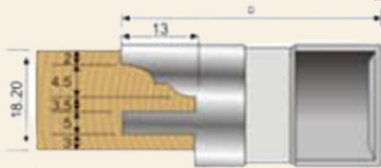
Application: Perfect For Solid Wood & Panel Material
From Min : 18mm To Max : 34mm

Use On: Spindle Moulder Machines

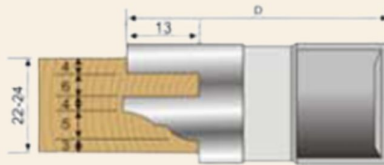
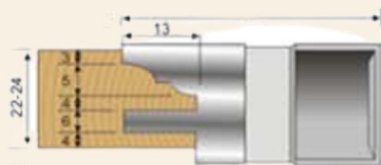
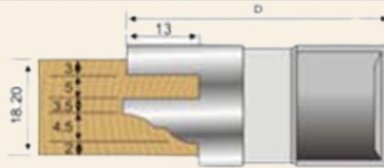
Technical Details: High Quality Carbide Tip For Long Life & Many Re-Sharpenings, Precision Ground, 3 -wing Cutters For Ultimate Balance & Performance



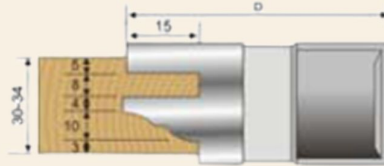
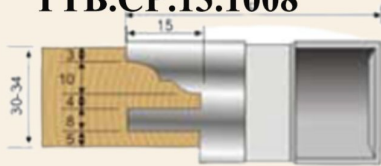
ORDER NO.	DIA. (mm)	BORE (mm)	Wood thick (mm)	Z	PRICE
TTB.CP.13.1007	125	30/35	18-20	3	9539
TTB.CP.13.1008	125	30/35	22-24	3	9539
TTB.CP.13.1009	125	30/35	30-34	3	11231



TTB.CP.13.1007

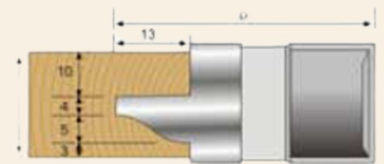
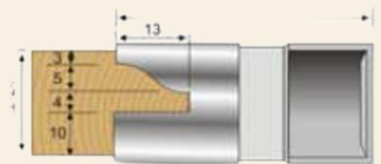


TTB.CP.13.1008

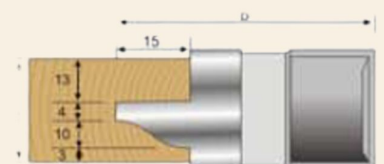
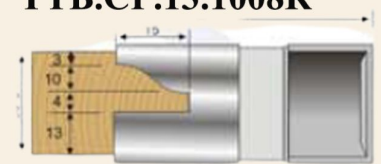


TTB.CP.13.1009

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.CP.13.1008R	125	30/35	22-24	3	9539
TTB.CP.13.1009R	125	30/35	30-34	3	11231



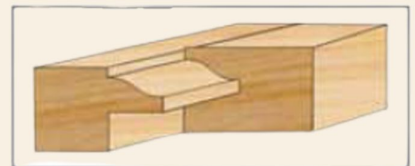
TTB.CP.13.1008R

**TTB.CP.13.1009R**

Grooving



Rebating



Also available in PCD

T.C.T Brazed Counter Profile Cutter - TTB.CP.13

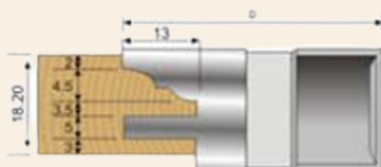
Application: Perfect For Solid Wood & Panel Material
From Min : 18mm To Max : 34mm

Use On: Spindle Moulder Machines

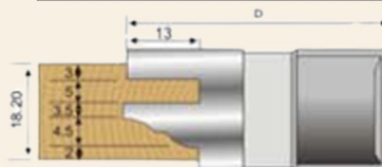
Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
3 -wing Cutters For Ultimate Balance & Performance



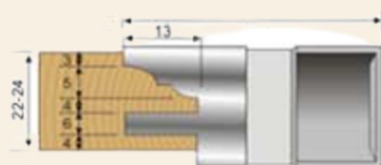
ORDER NO.	DIA. (mm)	BORE (mm)	Wood thick (mm)	Z	PRICE
TTB.CP.13.1010	125	30/35	18-20	3	9539
TTB.CP.13.1011	125	30/35	22-24	3	9539
TTB.CP.13.1012	125	30/35	30-34	3	11231



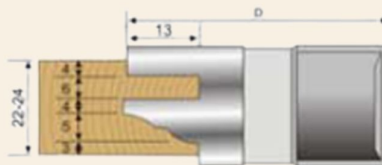
TTB.CP.13.1010



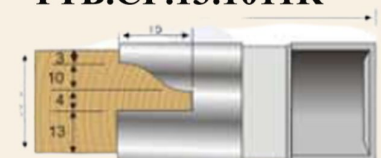
TTB.CP.13.1011



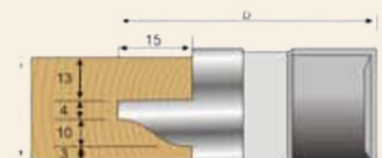
TTB.CP.13.1012



TTB.CP.13.1011R

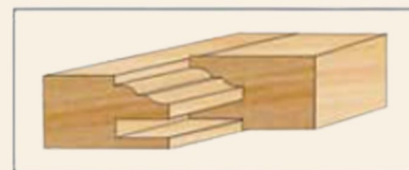


TTB.CP.13.1012R



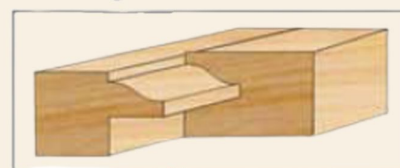
Also available in PCD

Grooving



ORDER NO. TT.CP.400	DIA. (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.CP.13.1011R	125	30/35	22-24	3	9539
TTB.CP.13.1012R	125	30/35	30-34	3	11231

Rebating



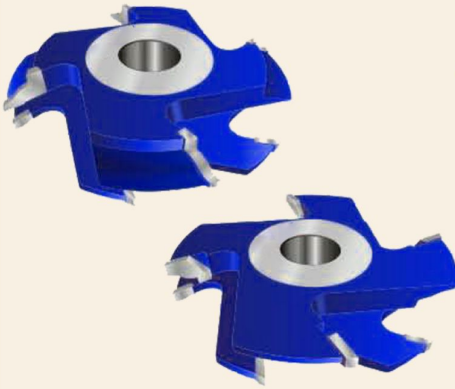
T.C.T Brazed Adjustable Counter Profile Counter - TTB.CP.15

Application: Perfect For Solid Wood & Panel Material

From Min : 18mm To Max : 24mm

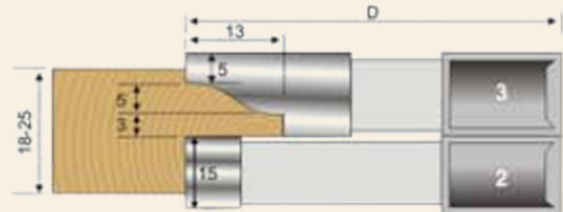
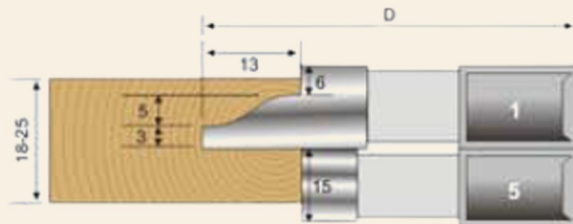
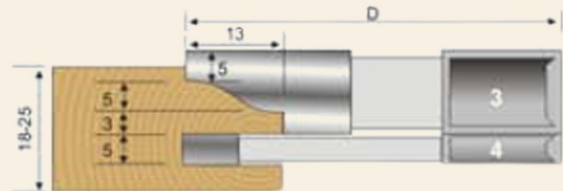
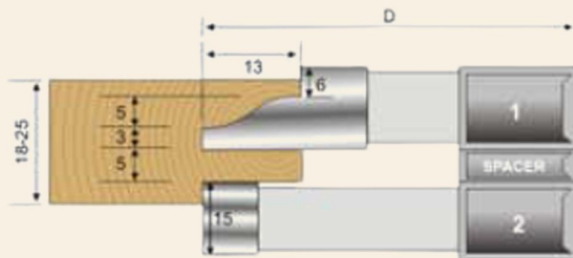
Use On: Spindle Moulder Machines

Technical Details: These Are Unique Product Made By 5 Pcs. Adjustable Cutter Head Set Ideal For Making Shatters Furniture By Adjusting The Height, Perfectly Profile Fitting, Improve Your Production's Efficiency.



ORDER NO.	DIA. (mm)	BORE (mm)	Wood thick (mm)	Z	PRICE
TTB.CP.15.1013	141	30/35	18-25	4	10000
TTB.CP.15.1014	141	30/35	18-25	4	10000
TTB.CP.15.1015	141	30/35	18-25	4	10000

5 Pcs. Cutter Set For Grooving & Rebating



Grooving

Rebating

TTB.CP.15.1013



Grooving

Rebating

TTB.CP.15.1014



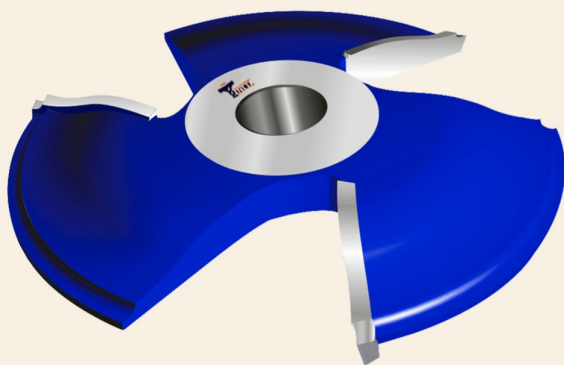
Grooving

Rebating

TTB.CP.15.1015



T.C.T Brazed Raised Panel Cutter Head - TTB.PC.16



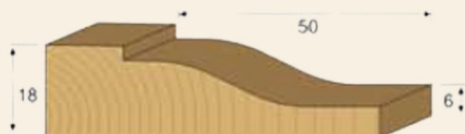
Application: Perfect For Solid Wood & Panel Material
From Min : 18mm

Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
3 -wing Cutters For Ultimate Balance & Performance



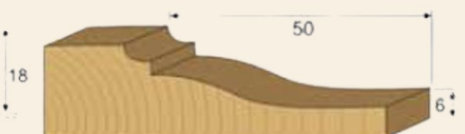
Dia 175mm Bore 30/35mm



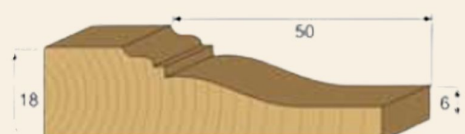
PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1019-R3	3(RH)	4154	TTB.PC.16.1019-R4	4(RH)	4846
40*18	TTB.PC.16.1019-L3	3(LH)	4154	TTB.PC.16.1019-L4	4(LH)	4846
50*18	TTB.PC.16.1019-R3	3(RH)	4616	TTB.PC.16.1019-R4	4(RH)	5231
50*18	TTB.PC.16.1019-L3	3(LH)	4616	TTB.PC.16.1019-L4	4(LH)	5231



PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1021-R3	3(RH)	4154	TTB.PC.16.1021-R4	4(RH)	4846
40*18	TTB.PC.16.1021-L3	3(LH)	4154	TTB.PC.16.1021-L4	4(LH)	4846
50*18	TTB.PC.16.1022-R3	3(RH)	4616	TTB.PC.16.1022-R4	4(RH)	5231
50*18	TTB.PC.16.1022-L3	3(LH)	4616	TTB.PC.16.1022-L4	4(LH)	5231



PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1023-R3	3(RH)	4154	TTB.PC.16.1023-R4	4(RH)	4846
40*18	TTB.PC.16.1023-L3	3(LH)	4154	TTB.PC.16.1023-L4	4(LH)	4846
50*18	TTB.PC.16.1024-R3	3(RH)	4616	TTB.PC.16.1024-R4	4(RH)	5231
50*18	TTB.PC.16.1024-L3	3(LH)	4616	TTB.PC.16.1024-L4	4(LH)	5231

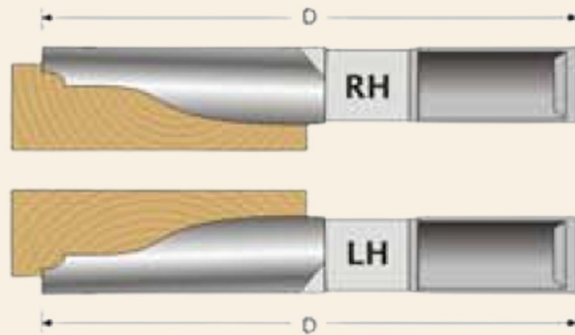
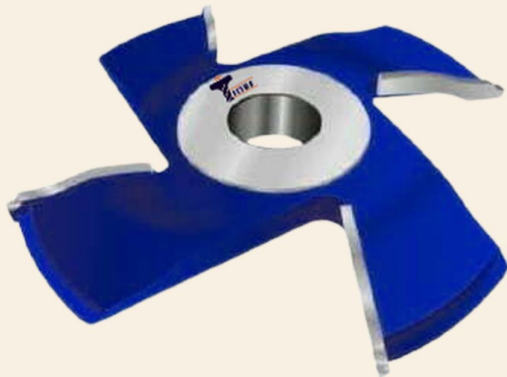


PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1025-R3	3(RH)	4154	TTB.PC.16.1025-R4	4(RH)	4846
40*18	TTB.PC.16.1025-L3	3(LH)	4154	TTB.PC.16.1025-L4	4(LH)	4846
50*18	TTB.PC.16.1026-R3	3(RH)	4616	TTB.PC.16.1026-R4	4(RH)	5231
50*18	TTB.PC.16.1026-L3	3(LH)	4616	TTB.PC.16.1026-L4	4(LH)	5231

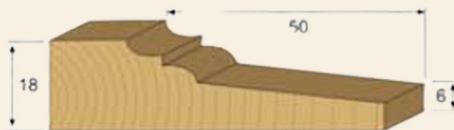


PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1027-R3	3(RH)	4154	TTB.PC.16.1027-R4	4(RH)	4846
40*18	TTB.PC.16.1027-L3	3(LH)	4154	TTB.PC.16.1027-L4	4(LH)	4846
50*18	TTB.PC.16.1028-R3	3(RH)	4616	TTB.PC.16.1028-R4	4(RH)	5231
50*18	TTB.PC.16.1028-L3	3(LH)	4616	TTB.PC.16.1028-L4	4(LH)	5231

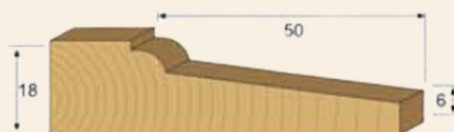
T.C.T Brazed Raised Panel Cutter Head - TTB.PC.16



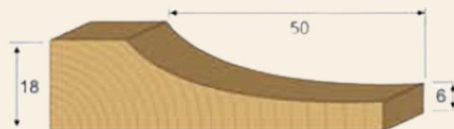
Dia 175mm Bore 30/35mm



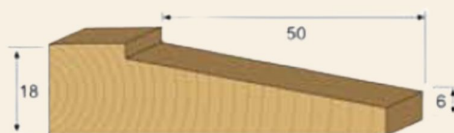
PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1029-R3	3(RH)	4154	TTB.PC.16.1029-R4	4(RH)	4846
40*18	TTB.PC.16.1029-L3	3(LH)	4154	TTB.PC.16.1029-L4	4(LH)	4846
50*18	TTB.PC.16.1030-R3	3(RH)	4616	TTB.PC.16.1030-R4	4(RH)	5231
50*18	TTB.PC.16.1030-L3	3(LH)	4616	TTB.PC.16.1030-L4	4(LH)	5231



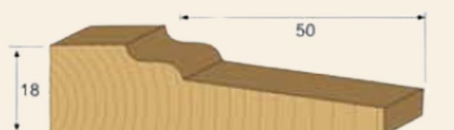
PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1031-R3	3(RH)	4154	TTB.PC.16.1031-R4	4(RH)	4846
40*18	TTB.PC.16.1031-L3	3(LH)	4154	TTB.PC.16.1031-L4	4(LH)	4846
50*18	TTB.PC.16.1032-R3	3(RH)	4616	TTB.PC.16.1032-R4	4(RH)	5231
50*18	TTB.PC.16.1032-L3	3(LH)	4616	TTB.PC.16.1032-L4	4(LH)	5231



PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1033-R3	3(RH)	4154	TTB.PC.16.1033-R4	4(RH)	4846
40*18	TTB.PC.16.1033-L3	3(LH)	4154	TTB.PC.16.1033-L4	4(LH)	4846
50*18	TTB.PC.16.1034-R3	3(RH)	4616	TTB.PC.16.1034-R4	4(RH)	5231
50*18	TTB.PC.16.1034-L3	3(LH)	4616	TTB.PC.16.1034-L4	4(LH)	5231



PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1035-R3	3(RH)	4154	TTB.PC.16.1035-R4	4(RH)	4846
40*18	TTB.PC.16.1035-L3	3(LH)	4154	TTB.PC.16.1035-L4	4(LH)	4846
50*18	TTB.PC.16.1036-R3	3(RH)	4616	TTB.PC.16.1036-R4	4(RH)	5231
50*18	TTB.PC.16.1036-L3	3(LH)	4616	TTB.PC.16.1036-L4	4(LH)	5231



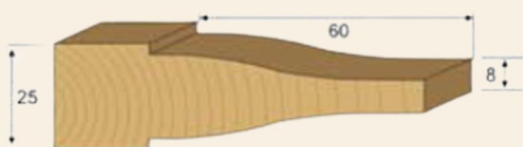
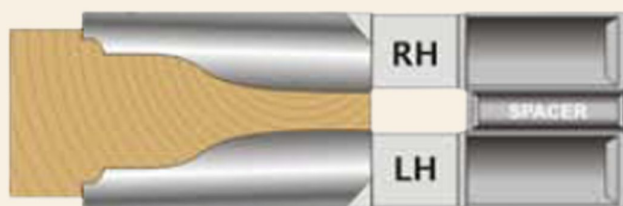
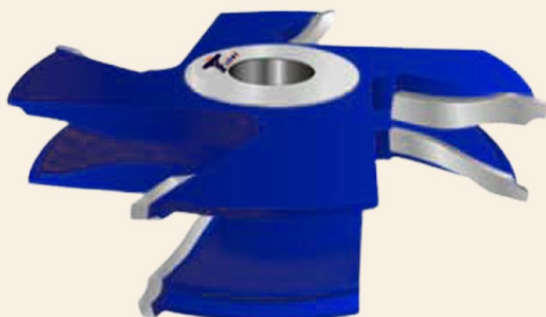
PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1037-R3	3(RH)	4154	TTB.PC.16.1037-R4	4(RH)	4846
40*18	TTB.PC.16.1037-L3	3(LH)	4154	TTB.PC.16.1037-L4	4(LH)	4846
50*18	TTB.PC.16.1038-R3	3(RH)	4616	TTB.PC.16.1038-R4	4(RH)	5231
50*18	TTB.PC.16.1038-L3	3(LH)	4616	TTB.PC.16.1038-L4	4(LH)	5231



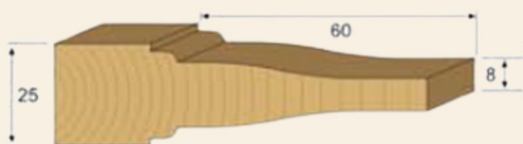
PROFILE SIZE	ORDER NO.	Z	PRICE	ORDER NO.	Z	PRICE
40*18	TTB.PC.16.1039-R3	3(RH)	4154	TTB.PC.16.1039-R4	4(RH)	4846
40*18	TTB.PC.16.1039-L3	3(LH)	4154	TTB.PC.16.1039-L4	4(LH)	4846
50*18	TTB.PC.16.1040-R3	3(RH)	4616	TTB.PC.16.1040-R4	4(RH)	5231
50*18	TTB.PC.16.1040-L3	3(LH)	4616	TTB.PC.16.1040-L4	4(LH)	5231



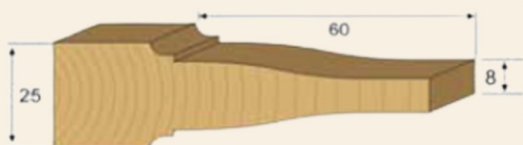
T.C.T Brazed Raised Panel Cutter Head Set(For Doors) - TTB.PC.16



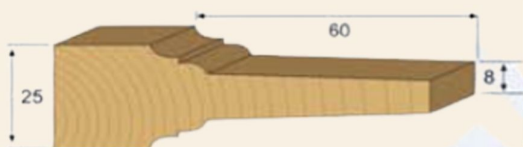
ORDER NO.	PROFILE SIZE (mm)	DIA (mm)	BORE (mm)	Z	PRICE
TTB.PC.16.1041	50*25	175	30/35	4	10462
TTB.PC.16.1042	60*25	200	30/35	4	13231



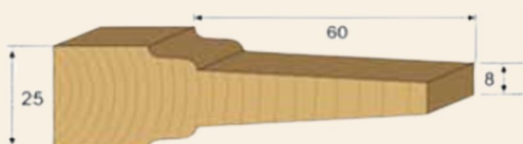
ORDER NO.	PROFILE SIZE (mm)	DIA (mm)	BORE (mm)	Z	PRICE
TTB.PC.16.1043	50*25	175	30/35	4	10462
TTB.PC.16.1044	60*25	200	30/35	4	13231



ORDER NO.	PROFILE SIZE (mm)	DIA (mm)	BORE (mm)	Z	PRICE
TTB.PC.16.1045	50*25	175	30/35	4	10462
TTB.PC.16.1046	60*25	200	30/35	4	13231

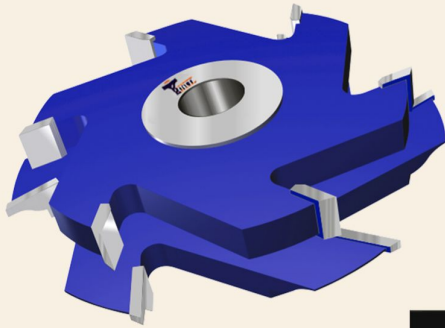


ORDER NO.	PROFILE SIZE (mm)	DIA (mm)	BORE (mm)	Z	PRICE
TTB.PC.16.1047	50*25	175	30/35	4	10462
TTB.PC.16.1048	60*25	200	30/35	4	13231



ORDER NO.	PROFILE SIZE (mm)	DIA (mm)	BORE (mm)	Z	PRICE
TTB.PC.16.1049	50*25	175	30/35	4	10462
TTB.PC.16.1050	60*25	200	30/35	4	13231

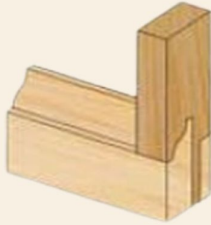
T.C.T Brazed Cutter Head Set For Window - TTB.WT.17 (Long Tenon)



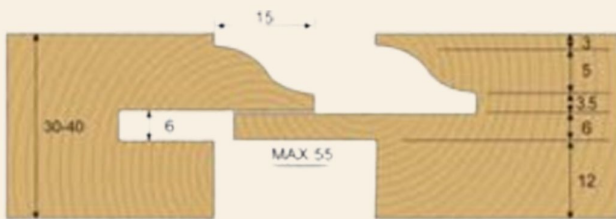
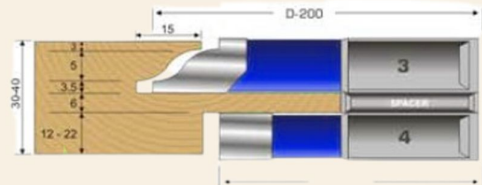
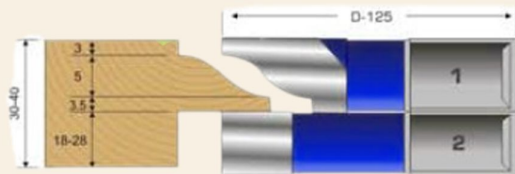
Application: Perfect For Solid Wood & Panel Material
From Min : 30mm To Max : 40mm

Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
4/6-wing Cutters For Ultimate Balance & Performance



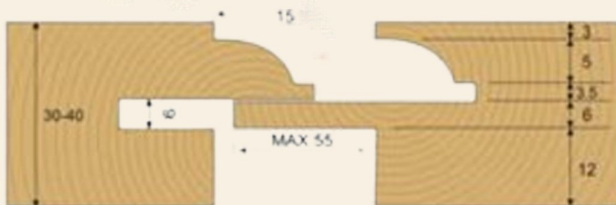
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.WT.17.1047	125/170/200	30/35	30.40	4/6	18462
TTB.WT.17.1048	125/170/200	30/35	30.40	4/6	18462
TTB.WT.17.1049	125/170/200	30/35	30.40	4/6	18462
TTB.WT.17.1050	125/170/200	30/35	30.40	4/6	18462
TTB.WT.17.1050A	125/170/200	30/35	30.40	4/6	18462
TTB.WT.17.1050B	125/170/200	30/35	30.40	4/6	18462



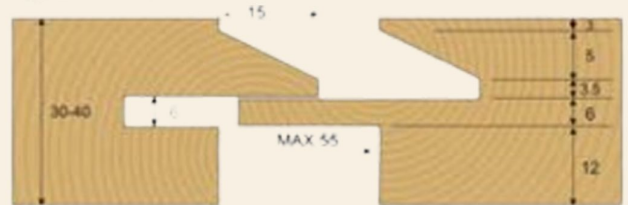
TTB.WT.17.1047



TTB.WT.17.1049



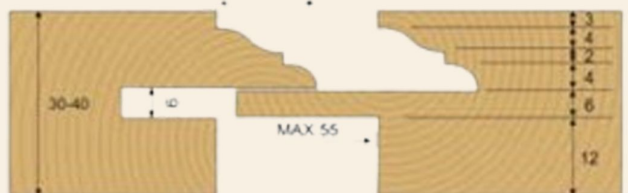
TTB.WT.17.1048



TTB.WT.17.1050



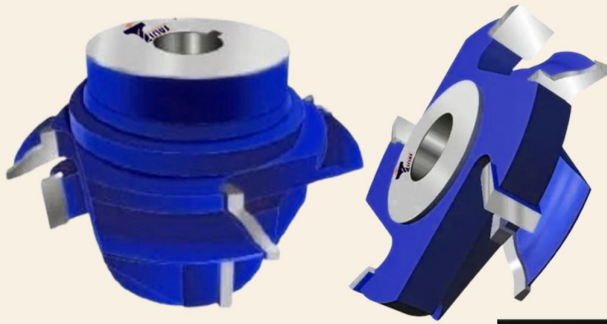
TTB.WT.17.1050A



TTB.WT.17.1050B



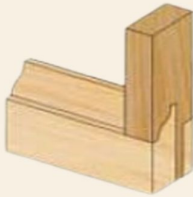
T.C.T Brazed Cutter Head Set For Window - TTB.WTT.22 (Extra Long Tenon)



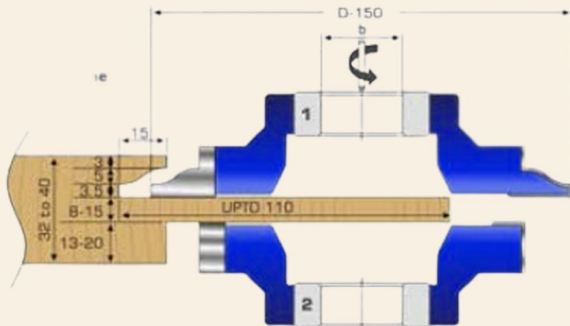
Application: Perfect For Solid Wood & Panel Material
From Min : 32mm To Max : 40mm

Use On: Spindle Moulder Machines & Tenoning Machines

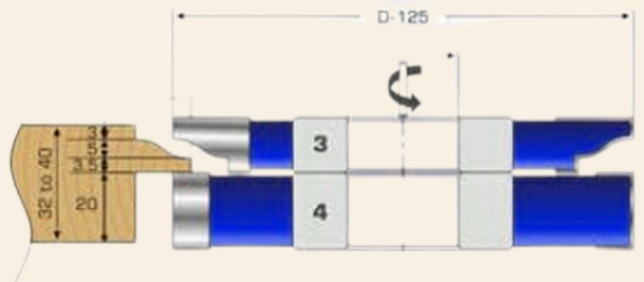
Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
4/6-wing Cutters For Ultimate Balance & Performance



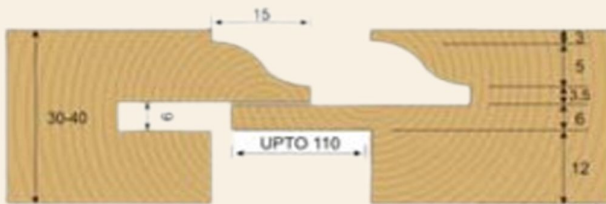
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.WTT.22.1075	125/150	25.4/30	32.40	4	18462
TTB.WTT.22.1076	125/150	25.4/30	32.40	4	18462
TTB.WTT.22.1077	125/150	25.4/30	32.40	4	18462
TTB.WTT.22.1078	125/150	25.4/30	32.40	4	18462
TTB.WTT.22.1079	125/150	25.4/30	32.40	4	18462
TTB.WTT.22.1080	125/150	25.4/30	32.40	4	18462



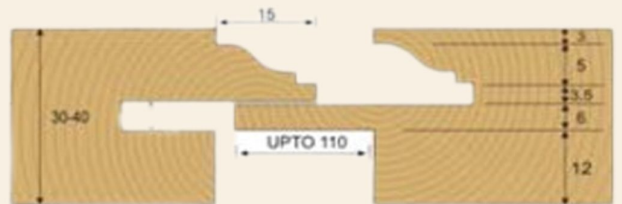
TTB.WTT.22.1075



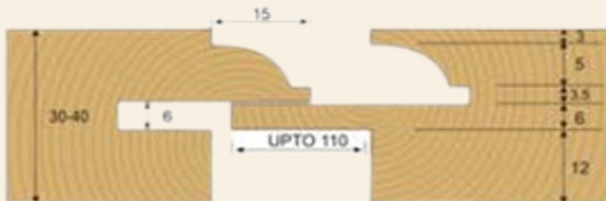
TTB.WTT.22.1078



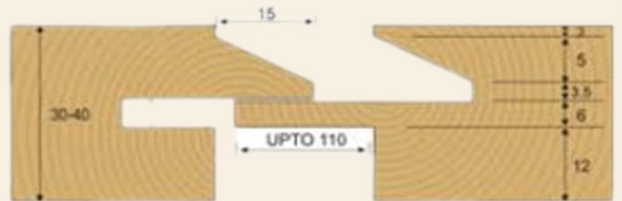
TTB.WTT.22.1076



TTB.WTT.22.1079



TTB.WTT.22.1077



TTB.WTT.22.1080

T.C.T Brazed Cutter Head Set For Door - TTB.DT.18 (Short Tenon)

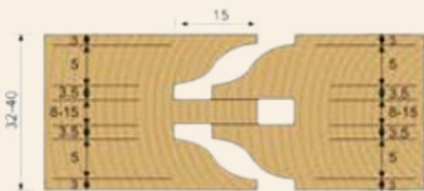
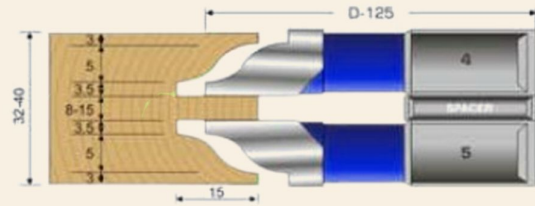
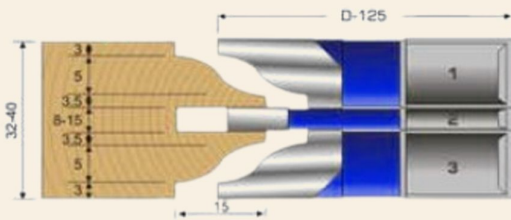
Application: Perfect For Solid Wood & Panel Material
From Min : 32mm To Max : 40mm

Use On: Spindle Moulder Machines

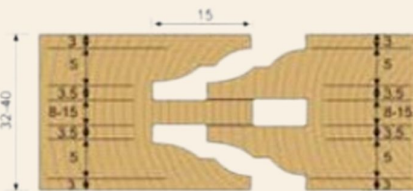
Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
4/6-wing Cutters For Ultimate Balance & Performance



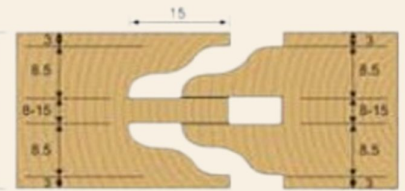
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.DT.18.1051	125	30/35	32-40	4/6	20770
TTB.DT.18.1052	125	30/35	32-40	4/6	20770
TTB.DT.18.1053	125	30/35	32-40	4/6	20770
TTB.DT.18.1054	125	30/35	32-40	4/6	20770
TTB.DT.18.1055	125	30/35	32-40	4/6	20770
TTB.DT.18.1056	125	30/35	32-40	4/6	20770



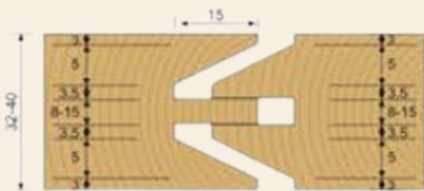
TTB.DT.18.1051



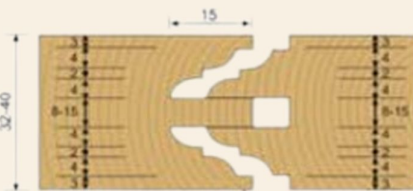
TTB.DT.18.1052



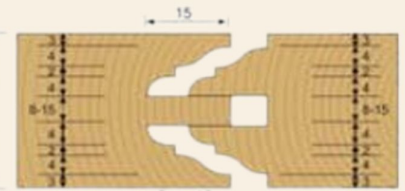
TTB.DT.18.1053



TTB.DT.18.1054

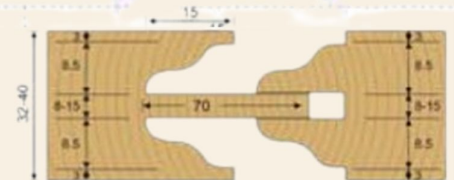
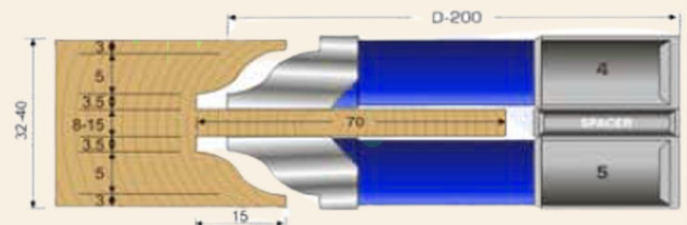


TTB.DT.18.1055

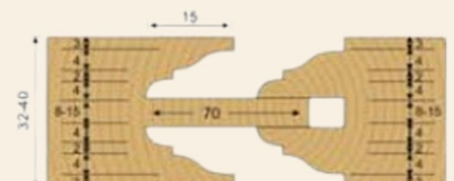


TTB.DT.18.1056

(Long Tenon)



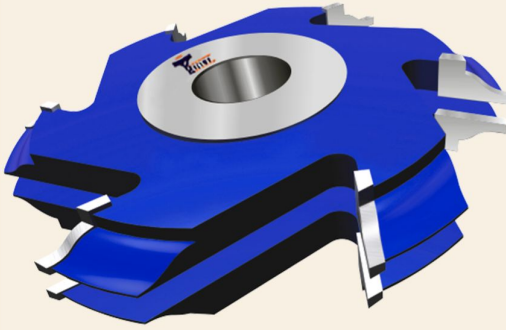
TTB.DT.19.1059



TTB.DT.19.1062

T.C.T Brazed Cutter Head Set For Door -TTB.DT.20

(Long Tenon)

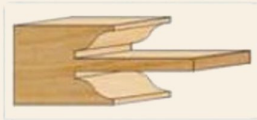


Application: Perfect For Solid Wood & Panel Material
From Min : 40mm To Max : 50mm

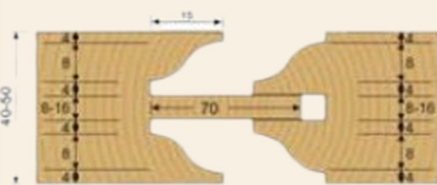
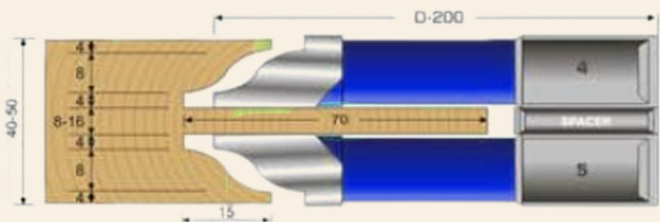
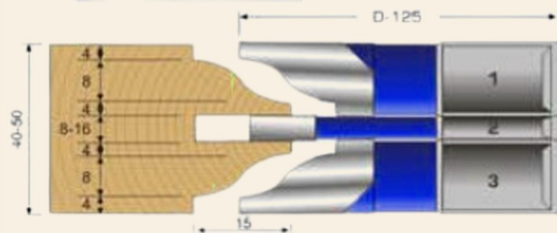
Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For
Long Life & Many Re-Sharpenings, Precision Ground,
4/6-wing Cutters For Ultimate Balance & Performance

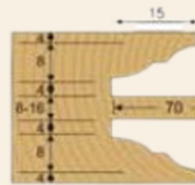
(Long Tenon)



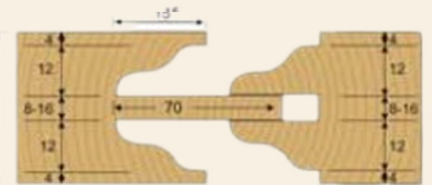
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.DT.20.163	125/200	30/35	40-50	4/6	26155
TTB.DT.20.1064	125/200	30/35	40-50	4/6	26155
TTB.DT.20.1065	125/200	30/35	40-50	4/6	26155
TTB.DT.20.1066	125/200	30/35	40-50	4/6	26155
TTB.DT.20.1067	125/200	30/35	40-50	4/6	26155
TTB.DT.20.1068	125/200	30/35	40-50	4/6	26155



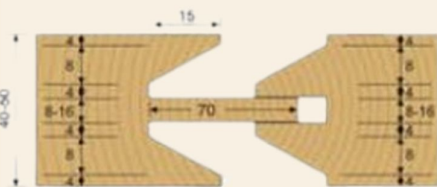
TTB.DT.20.1063



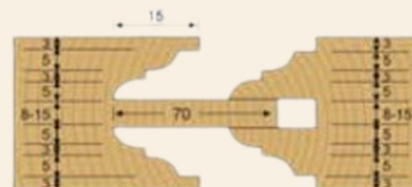
TTB.DT.20.1064



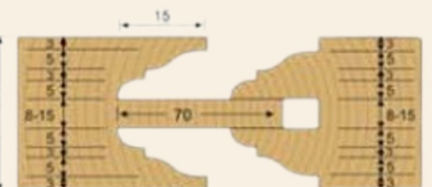
TTB.DT.20.1065



TTB.DT.20.1066



TTB.DT.20.1067

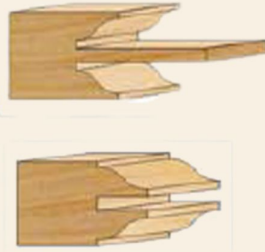


TTB.DT.20.1068



T.C.T Brazed Cutter Head Set For Door -TTB.DTT.21**(Extra Long Tenon)**

(Extra Long Tenon)



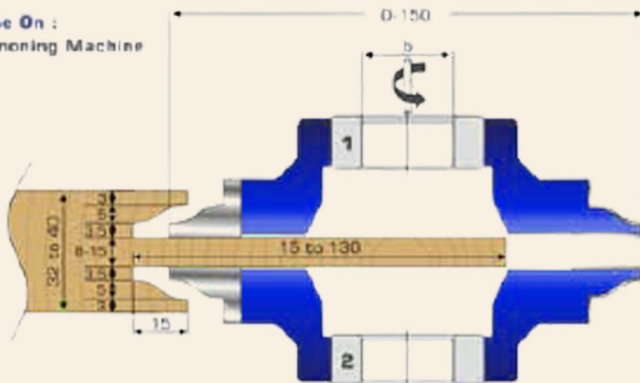
Application: Perfect For Solid Wood & Panel Material
From Min : 32mm To Max : 40mm

Use On: Spindle Moulder Machines

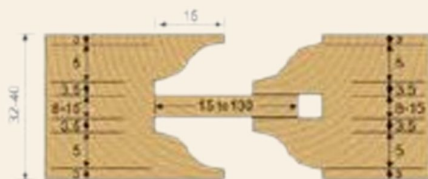
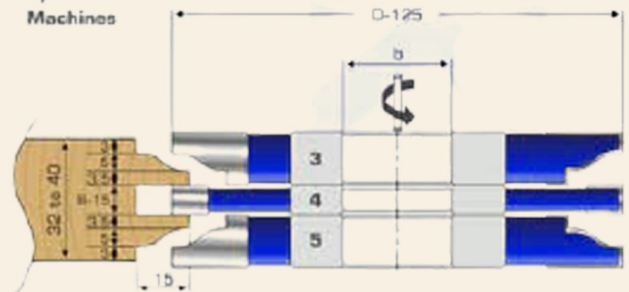
Technical Details: High Quality Carbide Tip For Long Life & Many Re-Sharpenings, Precision Ground, 4/6-wing Cutters For Ultimate Balance & Performance

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.DTT.21.1069	125/200	25.4/30	32-40	4/6	22308
TTB.DTT.21.1070	125/200	25.4/30	32-40	4/6	22308
TTB.DTT.21.1071	125/200	25.4/30	32-40	4/6	22308
TTB.DTT.21.1072	125/200	25.4/30	32-40	4/6	22308
TTB.DTT.21.1073	125/200	25.4/30	32-40	4/6	22308
TTB.DTT.21.1074	125/200	25.4/30	32-40	4/6	22308

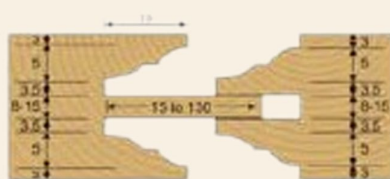
Use On :
Tenoning Machine



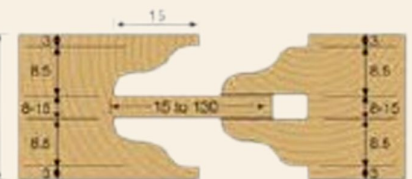
Use On :
Spindle Moulder Machines



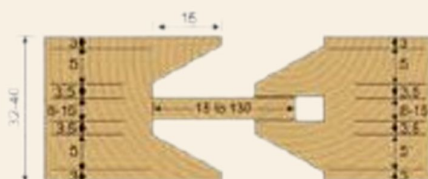
TTB.DTT.21.1069



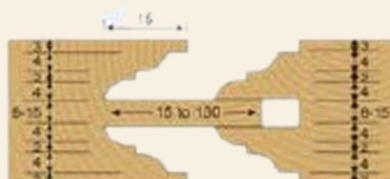
TTB.DTT.21.1070



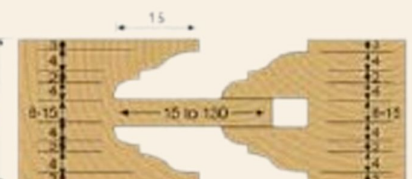
TTB.DTT.21.1071



TTB.DTT.21.1072



TTB.DTT.21.1073



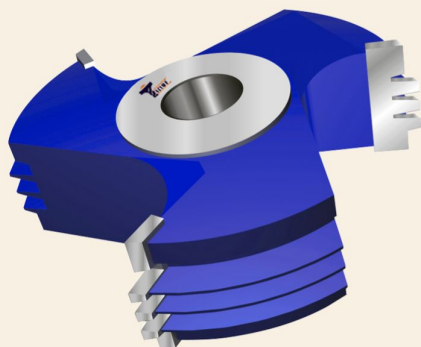
TTB.DTT.21.1074

T.C.T. Brazed Glue Joint Cutter Head - TTB.GJ.24

Application: Perfect For Solid Wood & Panel Material

Use On: Spindle Moulder Machines

Technical Details: High Quality Carbide Tip For Long Life & Many Re-Sharpenings, Precision Ground, 3 wing Cutters For Ultimate Balance & Performance



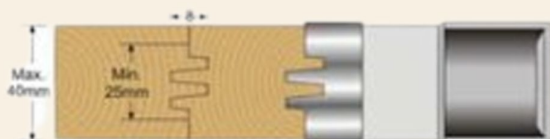
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.GJ.24.1530.8	125	30/35	15-30	3	6539
TTB.GJ.24.2540.8	125	30/35	25-40	3	8385
TTB.GJ.24.3550.8	125	30/35	35-50	3	10154
TTB.GJ.24.4560.8	125	30/35	45-60	3	11539
TTB.GJ.24.6075.8	125	30/35	60-75	3	14385
TTB.GJ.24.1530.5	125	30/35	15-30	3	6539
TTB.GJ.24.2540.5	125	30/35	25-40	3	8385
TTB.GJ.24.3550.5	125	30/35	35-50	3	10154
TTB.GJ.24.4560.5	125	30/35	45-60	3	11539
TTB.GJ.24.6075.5	125	30/35	60-75	3	14385



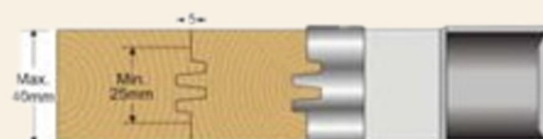
TTB.GJ.24.1530.8



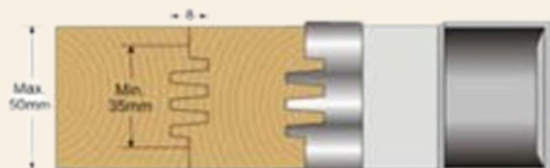
TTB.GJ.24.1530.5



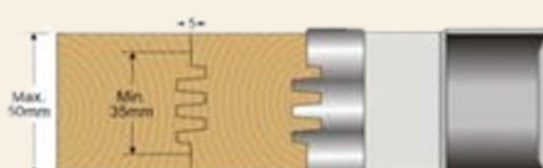
TTB.GJ.24.2540.8



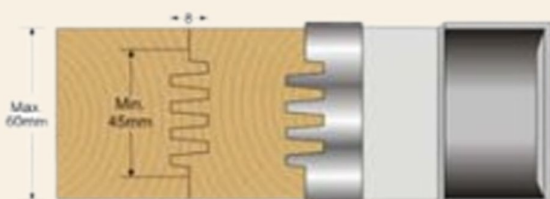
TTB.GJ.24.2540.5



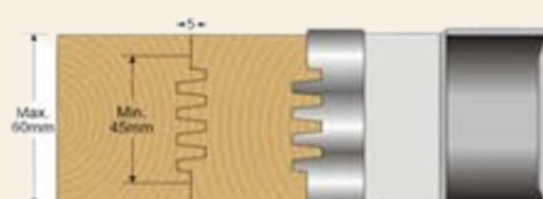
TTB.GJ.24.3550.8



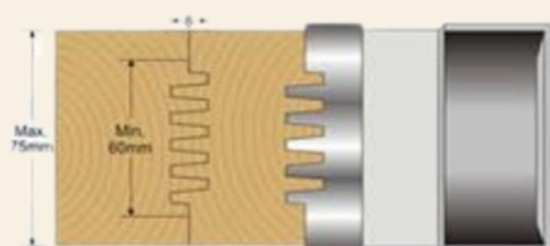
TTB.GJ.24.3550.5



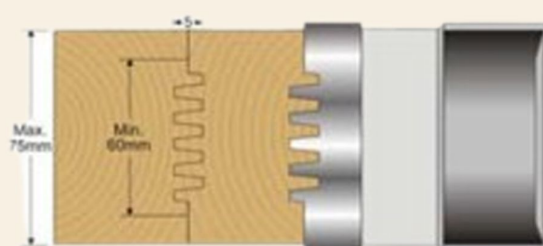
TTB.GJ.24.4560.8



TTB.GJ.24.4560.5



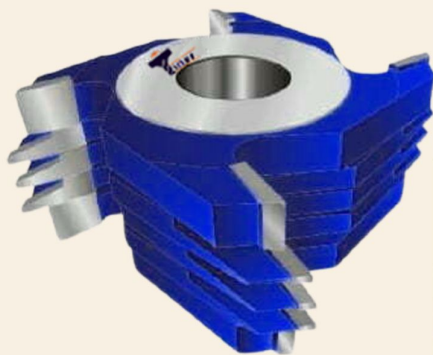
TTB.GJ.24.6075.8



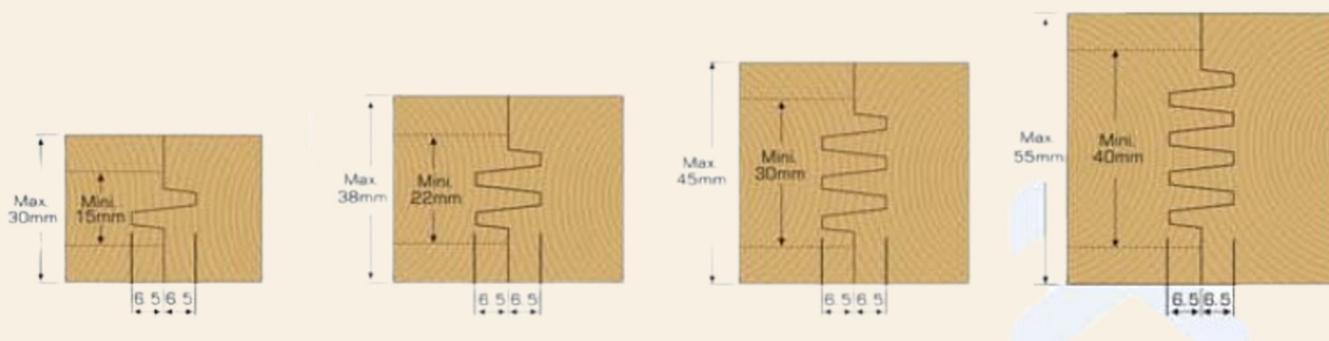
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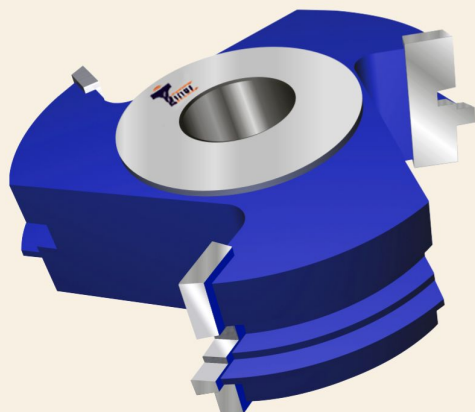
T.C.T Brazed Adjustable Glue Joint Cutter Head Set - TTB.GJ.24



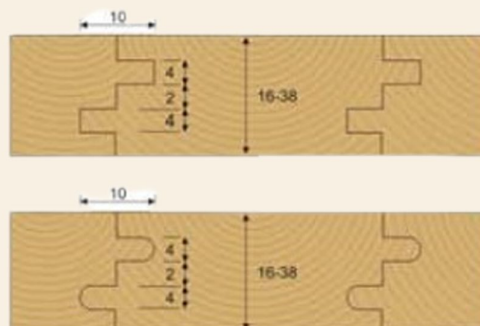
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	PCS. IN 1 SET	Z	PRICE
TTB.AGJ.1530.3	125	30	15-30	3 PCS.	4	7462
TTB.AGJ.2238.4	125	30	22-38	4 PCS.	4	9846
TTB.AGJ.3045.5	125	30	30-45	5 PCS.	4	12231
TTB.AGJ.4055.6	125	30	40-55	6 PCS.	4	14539



T.C.T Brazed Cutter Head For Tongue & Groove - TTB.TG.23



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.23.1087	125	30/35	16-38	3	6462
TTB.TG.23.1088	125	30/35	16-38	3	6462



Mortise Chisel & Bit Sets - TT.CB

Application: It Is Tough To Beat The "old faithful" Mortise & Tenon Joint For Strength And Accuracy, Even With All The Other Joining Options In The World Of Woodworking. It is Not The Easiest Joint To Make, But For Sure It Helps Have The Best Quality Tools In Your Workshop. That's We Have Added A New Selection Of Chisel Bit Sets In All The Popular Size 1/4" To 1" Diameter

Use On: Standard Drill Press Mortising Attachment Of Mortising Machines



ORDER NO.	C.D. (mm)	C.L. (mm)	O.A.L. (mm)	S.D. (mm)	PRICE
TT.CB.1.4.40	1/4"	40	210	3/4"	1000
TT.CB.5.16.60	5/16"	60	210	3/4"	1000
TT.CB.3.8.60	3/8"	60	210	3/4"	1000
TT.CB.3.8.75	3/8"	75	210	3/4"	1077
TT.CB.7.16.75	7/16"	75	210	3/4"	1077
TT.CB.1.2.75	1/2"	75	210	3/4"	1077
TT.CB.5.8.90	5/8"	90	210	3/4"	1539
TT.CB.3.4.90	3/4"	90	210	3/4"	2000
TT.CB.01.90	1"	90	210	3/4"	2769

H.C.S & T.C.T Chain For Chain Mortising M/C



H.C.S Chain Set (CK 45)

ORDER NO.	CHAIN THICK	WITH ACCESSORY	PRICE
TT.HCS.01.4	1/4"	Guide Bar & Gear	4923
TT.HCS.5.16	5/16"	Guide Bar & Gear	4923
TT.HCS.03.8	3/8"	Guide Bar & Gear	4308
TT.HCS.7.16	7/16"	Guide Bar & Gear	4308
TT.HCS.01.2	1/2"	Guide Bar & Gear	4308
TT.HCS.05.8	5/8"	Guide Bar & gear	5385
TT.HCS.03.4	3/4"	Guide Bar & Gear	6923
TT.HCS.01.0	1"	Guide Bar & Gear	7846
TT.HCS.1.14	1.1/14"	Guide Bar & Gear	9231

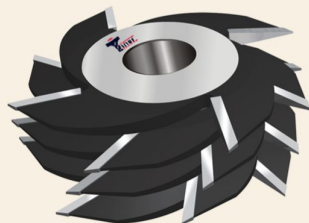


ORDER NO.	CHAIN THICK	WITH ACCESSORY	PRICE
TT.HCS.01.2	1/2"	Guide Bar & Gear	16154

ORDER NO.	CHAIN THICK	WITH ACCESSORY	PRICE
TT.TCT.03.8	3/8"	Guide Bar & Gear	12308
TT.TCT.7.16	7/16"	Guide Bar & Gear	12308
TT.TCT.01.2	1/2"	Guide Bar & Gear	12308
TT.TCT.05.8	5/8"	Guide Bar & Gear	14616
TT.TCT.03.4	3/4"	Guide Bar & Gear	16154
TT.TCT.01.0	1"	Guide Bar & gear	23078

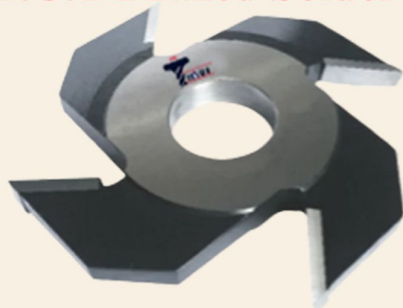


T.C.T Brazed Finger Joint Cutter - TTB.FJ.25



ORDER NO.	DIA(mm)	THICK (mm)	BORE (mm)	CUTTING LENGTH (mm)	Z	PRICE
TTB.SLD.25.101	125	5/10	31.75	15	4	2308
TTB.SLD.25.102	125	7/12	31.75	22	4	2308
TTB.SLD.25.103	125	10/14	31.75	25	4	2769

T.C.T Brazed Solder Cutter - TTB.SLD.25



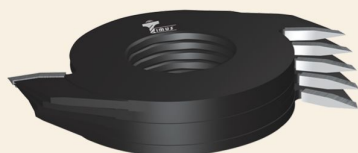
ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	CUTTING LENGTH (mm)	Z	PRICE
TTB.FJ.25.1093	125	5	31.75	15	4	923
TTB.FJ.25.1094	125	7	31.75	22	4	923
TTB.FJ.25.1094-A	125	10	31.75	25	4	1231

T.C.T Brazed Facing Cutter - TTB.FC.25



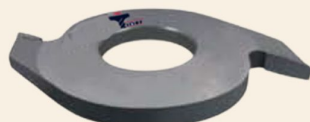
ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	CUTTING LENGTH (mm)	Z	PRICE
TTB.FC.25.101	5"	18/38	25.4	38	6	3385
TTB.FC.25.102	6½"	18/38	25.4	38	6	4308

T.C.T Brazed Finger Joint Cutter - TTB.FJ.25



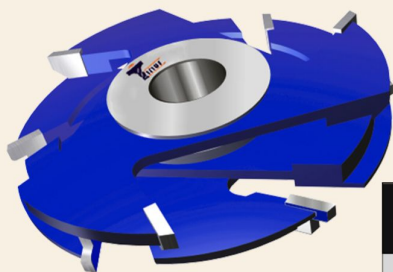
ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	CUTTING LENGTH (mm)	Z	PRICE
TTB.FJ.26.1095	160	4	50	13	2	1385
TTB.FJ.26.1095-A	160	5	50	15	4	2769
TTB..FJ.26.1095-B	160	6	50	22	4	2769
TTB.FJ.26.1095-C	160	7	50	22	4	2769

T.C.T Brazed Solder Cutter - TTB.SLD.25

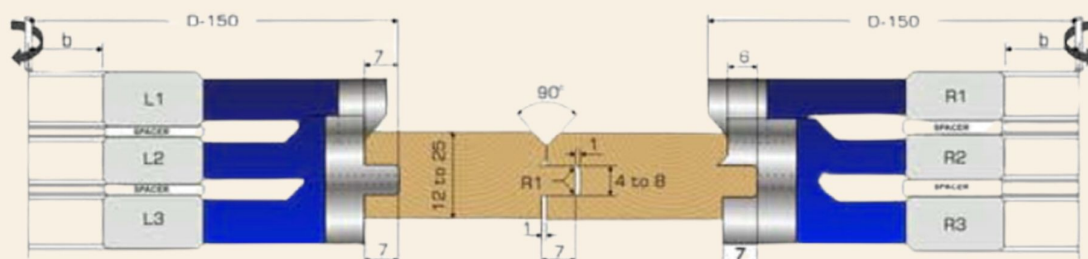


ORDER NO.	DIA(mm)	THICK (mm)	BORE (mm)	CUTTING LENGTH (mm)	Z	PRICE
TTB.SLD.25.104	160	4/10	50	13	2	3846

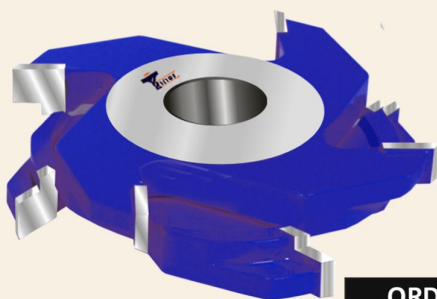
T.C.T Brazed Cutter Head Set For Flooring - TTB.FL.21



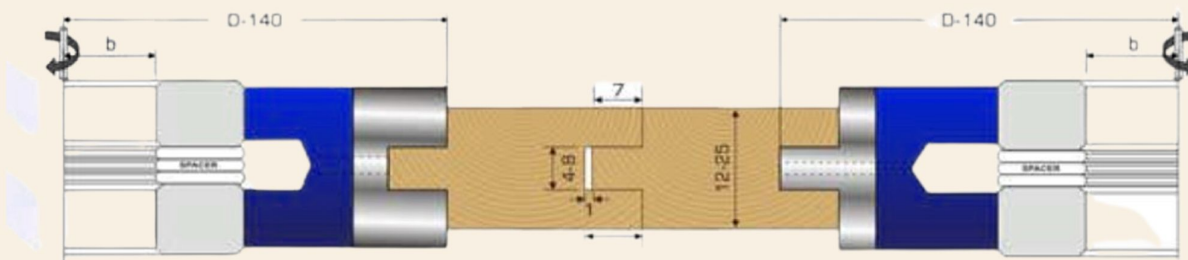
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.FL.21.1069	150	40	12-25	4+4	23847
TTB.FL.21.1069A	150	30	12-25	4+4	23847
TTB.FL.21.1069B	150	35	12-25	4+4	23847



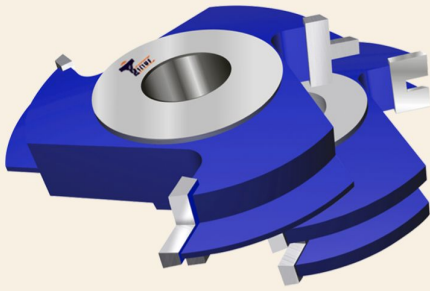
T.C.T Brazed Adjustable Cutter Head Set For Tongue & Groove - TTB.TG.21



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.21.1070	140	30	12-25	4+4	17693
TTB.TG.21.1071	140	35	12-25	4+4	17693
TTB.TG.21.1072	140	40	12-25	4+4	17693

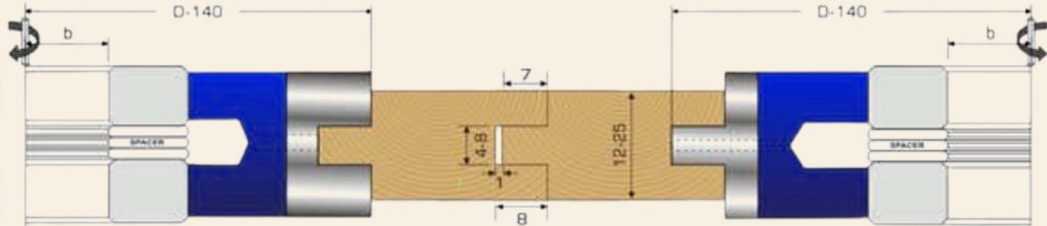


T.C.T Brazed Cutter Head Set For Tongue & Groove - TTB.TG.22



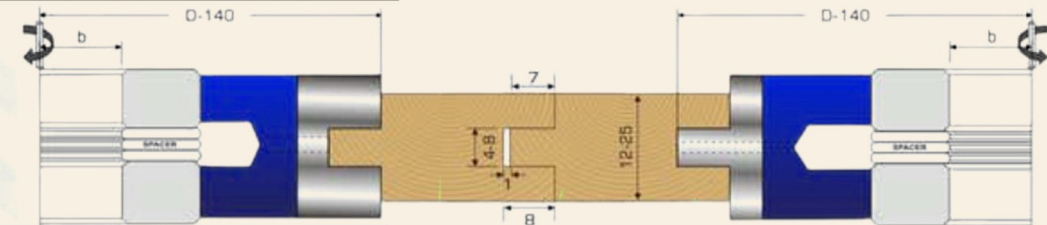
Application: Perfect For Solid Wood & Panel Material

Use On: Spindle Moulder Machines



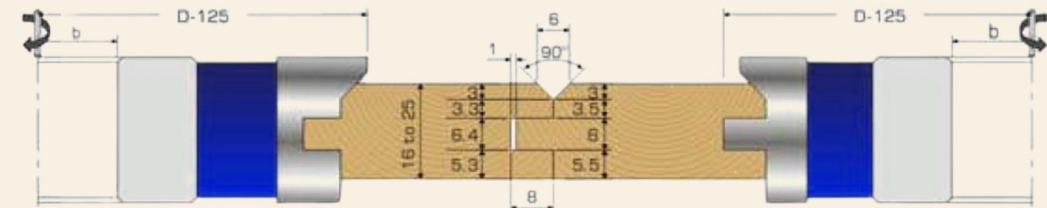
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.101	125	30/35	16-25	3	7385
TTB.TG.SM.102	125	30/35	16-25	4	9231

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.103	125	40	16-25	3	7385
TTB.TG.MS.104	125	40	16-25	4	9231

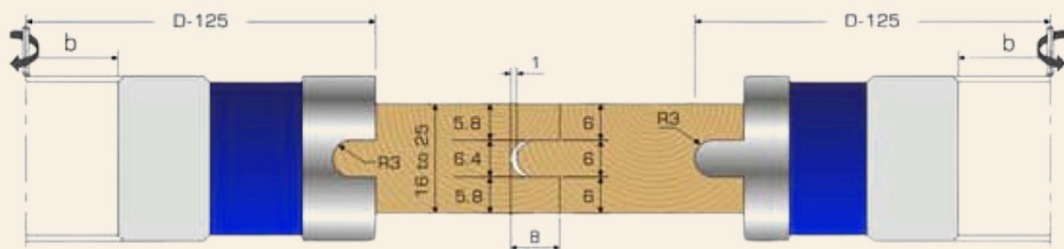


ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.105	125	30/35	16-25	3	7385
TTB.TG.SM.106	125	30/35	16-25	4	9231

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.107	125	40	16-25	3	7385
TTB.TG.MS.108	125	40	16-25	4	9231

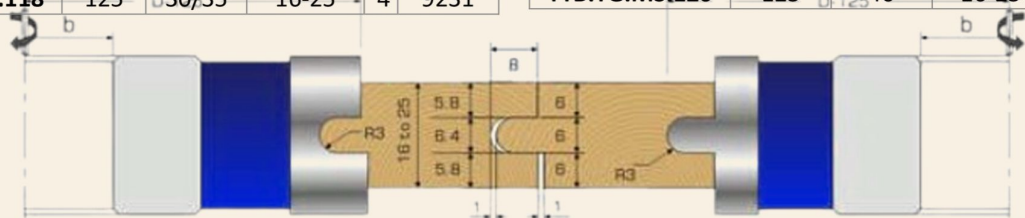


T.C.T Brazed Tongue & Groove Cutter Set (Flooring & Wall Paneling Cutter Head Set)



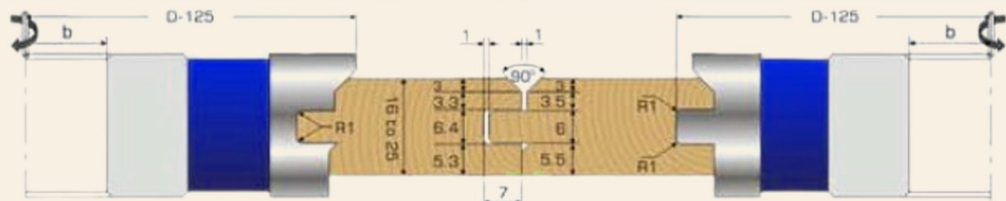
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.117	125	30/35	16-25	3	7385
TTB.TG.SM.118	125	30/35	16-25	4	9231

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.119	125	40	16-25	3	7385
TTB.TG.MS.120	125	40	16-25	4	9231



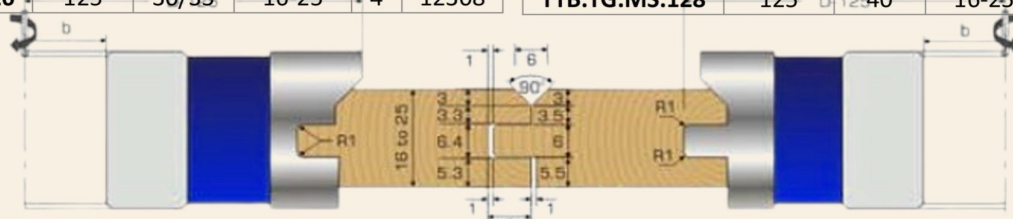
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.121	125	30/35	16-25	3	7385
TTB.TG.SM.122	125	30/35	16-25	4	9231

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.123	125	40	16-25	3	7385
TTB.TG.MS.124	125	40	16-25	4	9231



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.125	125	30/35	16-25	3	10000
TTB.TG.SM.126	125	30/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.127	125	40	16-25	3	10000
TTB.TG.MS.128	125	40	16-25	4	12308



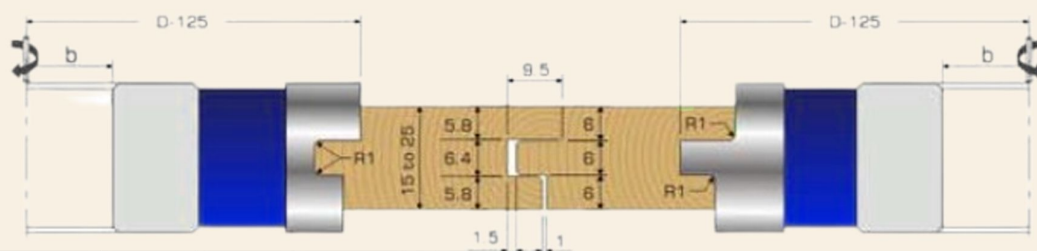
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.129	125	30/35	16-25	3	9231
TTB.TG.SM.130	125	35/35	16-25	4	11539

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.131	125	40	16-25	3	9231
TTB.TG.MS.132	125	40	16-25	4	11539

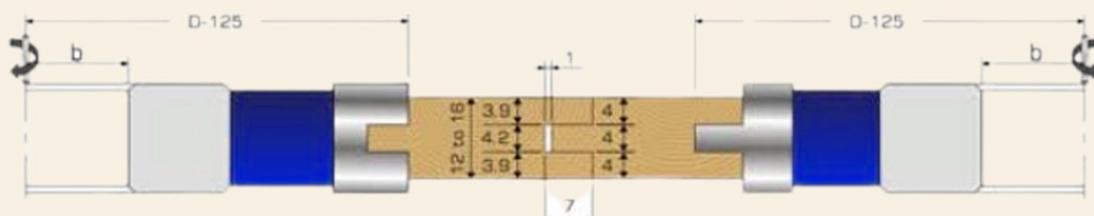


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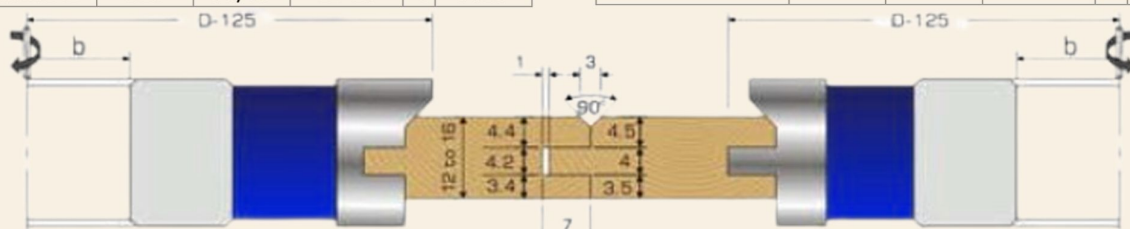
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.135	125	40	16-25	3	8000
TTB.TG.MS.136	125	40	16-25	4	10000



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.139	125	40	16-25	3	8462
TTB.TG.MS.140	125	40	16-25	4	10308

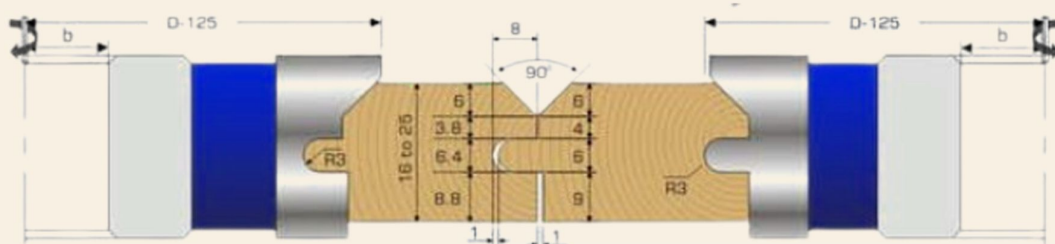


ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.143	125	40	12-16	3	7077
TTB.TG.MS.144	125	40	12-16	4	8923



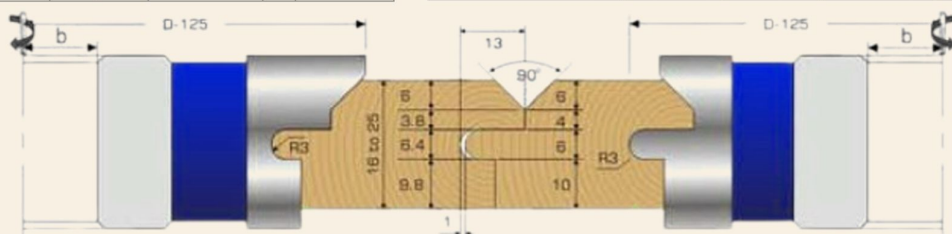
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.47	125	40	12-16	3	8000
TTB.TG.MS.148	125	40	12-16	4	9846

T.C.T Brazed Tongue & Groove Cutter Set (Flooring & Wall Paneling Cutter Head Set)



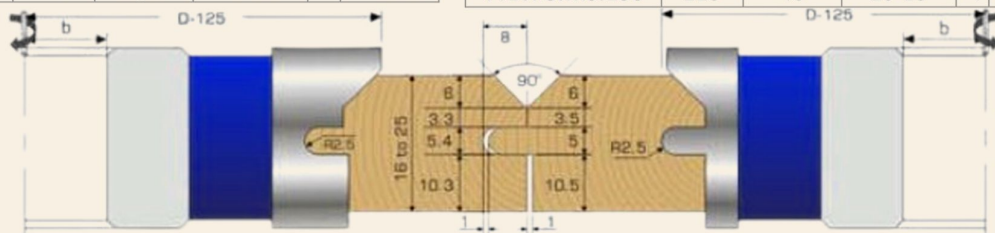
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.149	125	30/35	16-25	3	10000
TTB.TG.SM.150	125	30/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.151	125	40	16-25	3	10000
TTB.TG.MS.152	125	40	16-25	4	12308



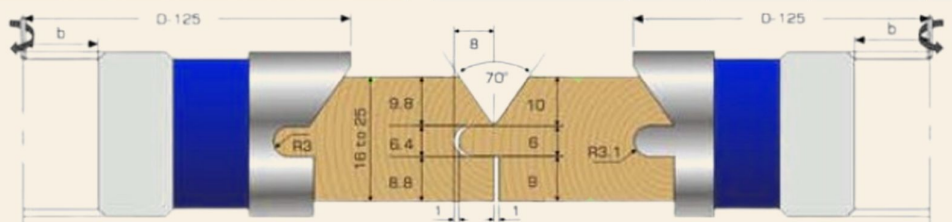
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.153	125	30/35	16-25	3	10000
TTB.TG.SM.154	125	30/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.155	125	40	16-25	3	10000
TTB.TG.MS.156	125	40	16-25	4	12308



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.157	125	30/35	16-25	3	10000
TTB.TG.SM.158	125	30/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.159	125	40	16-25	3	10000
TTB.TG.MS.160	125	40	16-25	4	12308

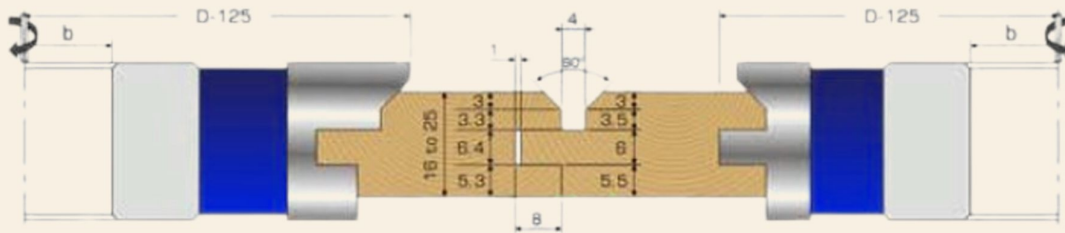


ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.161	125	30/35	16-25	3	10000
TTB.TG.SM.162	125	35/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.163	125	40	16-25	3	10000
TTB.TG.MS.164	125	40	16-25	4	12308

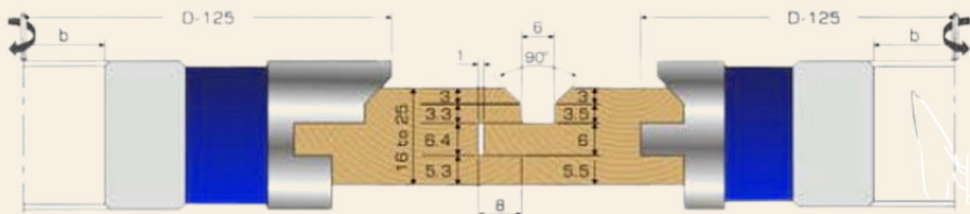


T.C.T Brazed Tongue & Groove Cutter Head Set (Flooring & Wall Paneling Cutter Head Set)



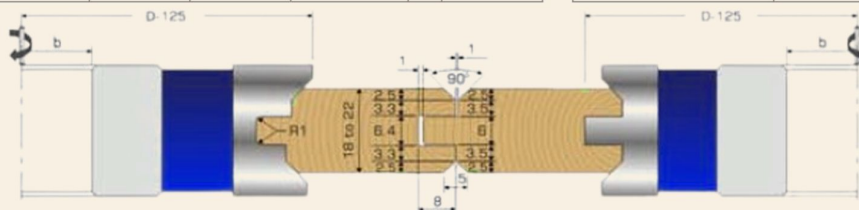
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.165	125	30/35	16-25	3	10000
TTB.TG.SM.166	125	30/35	16-25	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.167	125	40	16-25	3	10000
TTB.TG.MS.168	125	40	16-25	4	12308



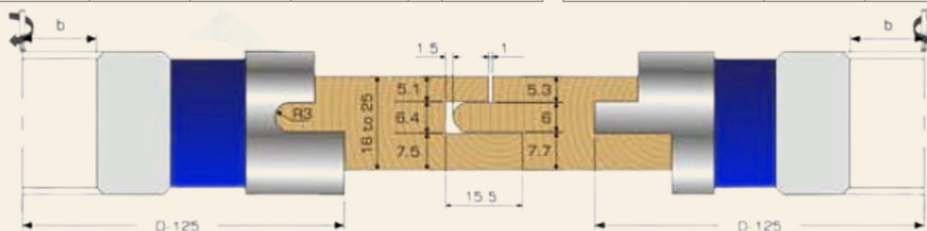
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.169	125	30/35	16-25	3	10462
TTB.TG.SM.170	125	30/35	16-25	4	13077

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.171	125	40	16-25	3	1062
TTB.TG.MS.172	125	40	16-25	4	13077



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.173	125	30/35	18-22	3	10462
TTB.TG.SM.174	125	30/35	18-22	4	13077

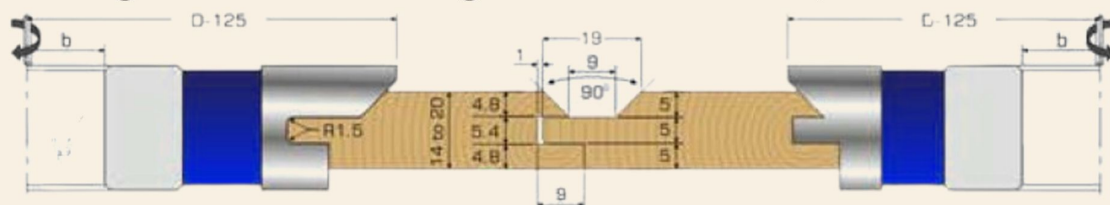
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.175	125	40	18-22	3	10462
TTB.TG.MS.176	125	40	18-22	4	13077



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.177	125	30/35	16-25	3	10000
TTB.TG.SM.178	125	35/35	16-25	4	12308

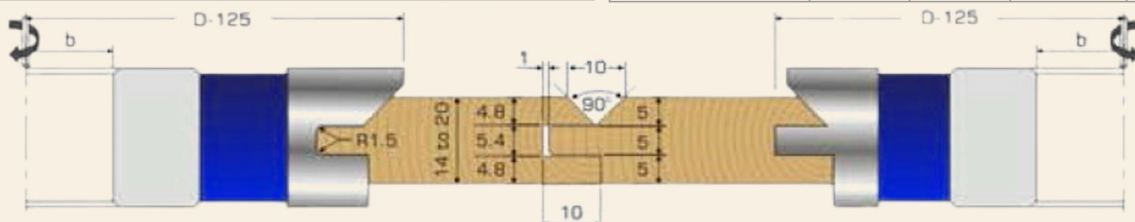
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.179	125	40	16-25	3	10000
TTB.TG.MS.180	125	40	16-25	4	12308

T.C.T Brazed Tongue & Groove Cutter Set (Flooring & Wall Paneling Cutter Head Set)



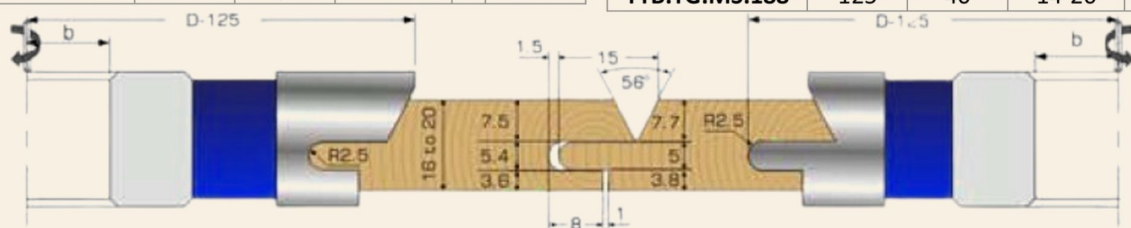
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.181	125	30/35	14-20	3	10000
TTB.TG.SM.182	125	30/35	14-20	4	12308

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.183	125	40	14-20	3	10000
TTB.TG.MS.184	125	40	14-20	4	12308



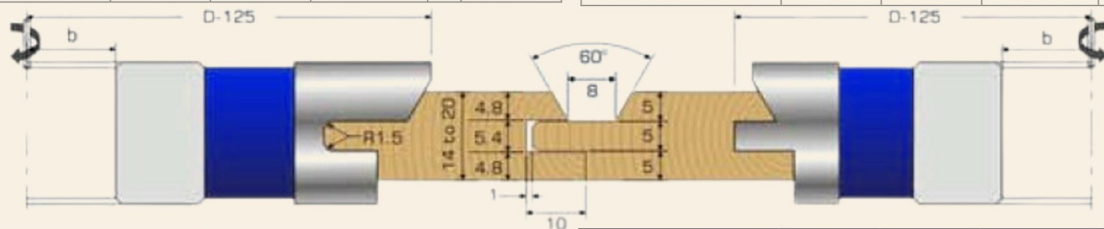
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.185	125	30/35	14-20	3	9231
TTB.TG.SM.186	125	30/35	14-20	4	11539

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.187	125	40	14-20	3	9231
TTB.TG.MS.188	125	40	14-20	4	11539



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.189	125	30/35	16-20	3	9231
TTB.TG.SM.190	125	30/35	16-20	4	11539

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.191	125	40	16-20	3	9231
TTB.TG.MS.192	125	40	16-20	4	11539

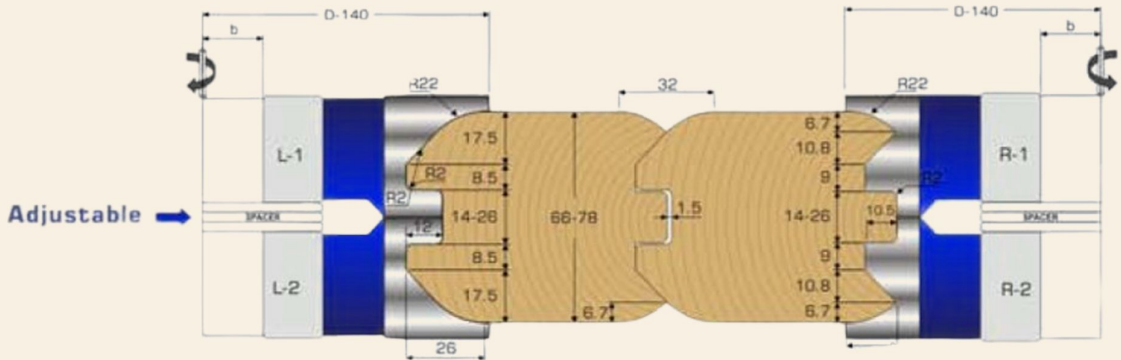


ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.SM.193	125	30/35	14-20	3	9231
TTB.TG.SM.194	125	35/35	14-20	4	11539

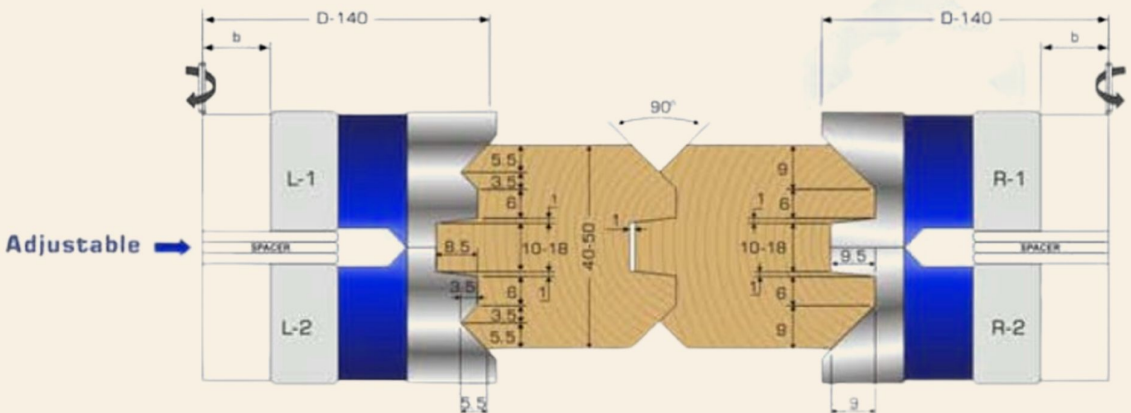
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTB.TG.MS.195	125	40	14-20	3	9231
TTB.TG.MS.196	125	40	14-20	4	11539

Tongue & Groove Jointing System For Long Homes

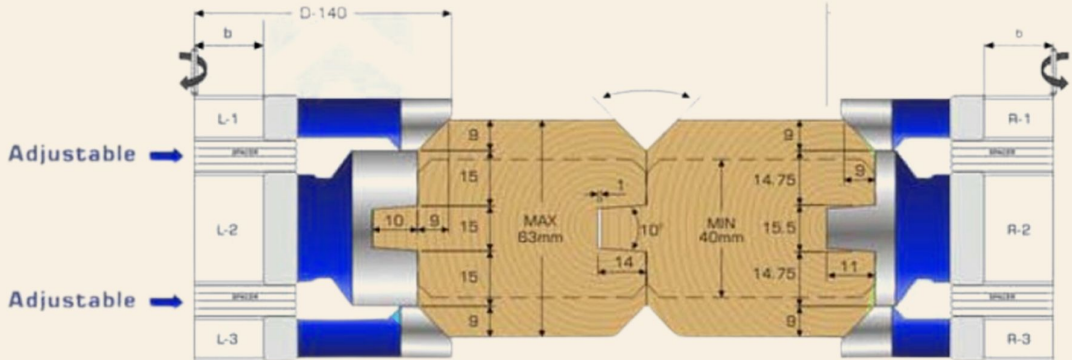
DIA(mm)	BORE (mm)	WOOD THICK (mm)	Z	ORDER NO.	PRICE
140	30/31.75/35	66-78	4	TTB.TG.LH.201	36155
140	40	66-78	4	TTB.TG.LH.202	36155



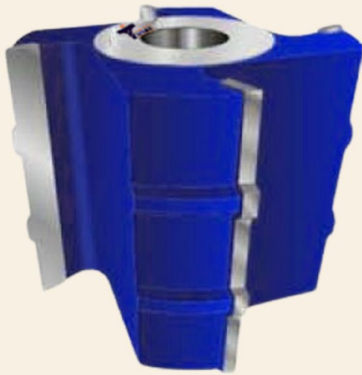
DIA(mm)	BORE (mm)	WOOD THICK (mm)	Z	ORDER NO.	PRICE
140	30/31.75/35	40-50	4	TTB.TG.LH.203	33078
140	40	40-50	4	TTB.TG.LH.204	33078



DIA(mm)	BORE (mm)	WOOD THICK (mm)	Z	ORDER NO.	PRICE
140	30/31.75/35	40-63	4	TTB.TG.LH.205	33078
140	40	40-63	4	TTB.TG.LH.206	33078



T.C.T Brazed Decking Cutter (For Flooring Back Grooves) -TTB.DK.22

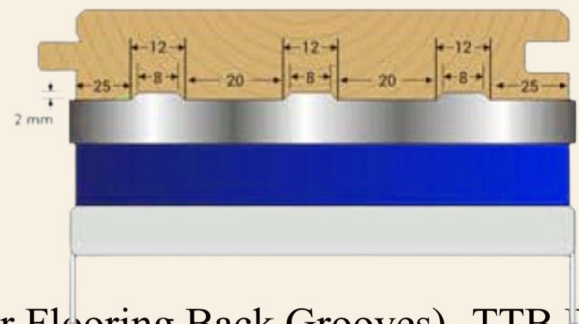
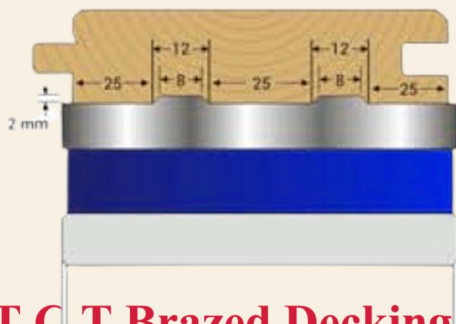


Application:Perfet for solid wood & panel material

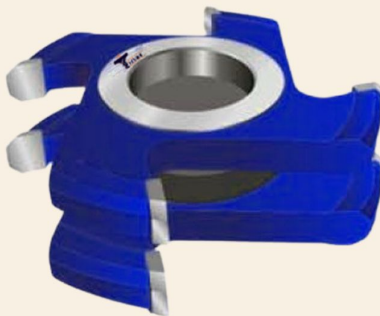
Use On:Spindle moulder &Four sided Moulder

ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.DK.22.101	125	30	100	4	16924

ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.DK.22.102	125	30	125	4	20770



T.C.T Brazed Decking Cutter (For Flooring Back Grooves) -TTB.DK.22

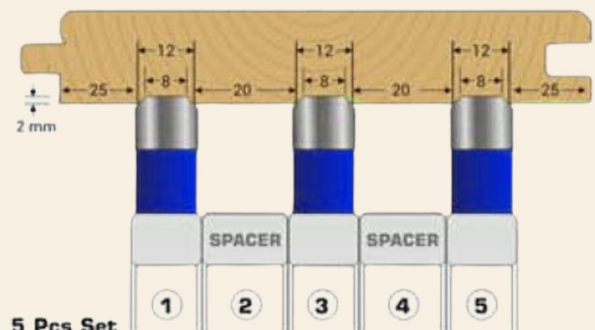
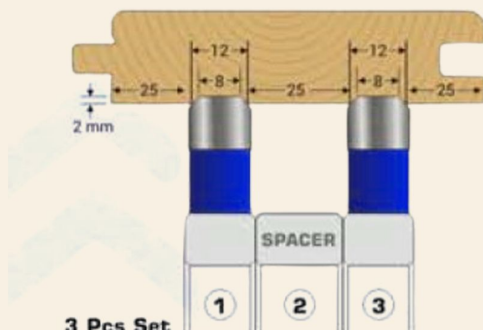


Application:Perfet for solid wood & panel material

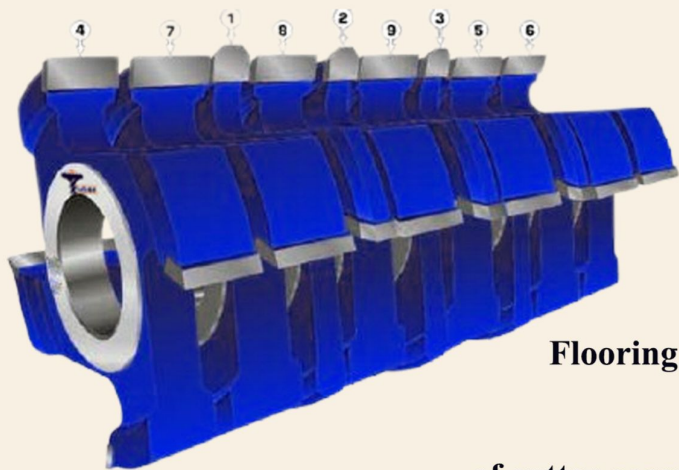
Use On:Spindle moulder &Four sided Moulder

ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.DK.22.103	125	30	100	4	7077

ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.DK.22.104	125	30	125	4	10923

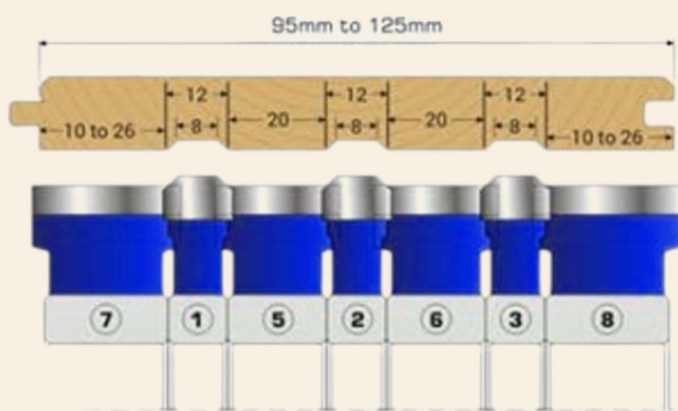
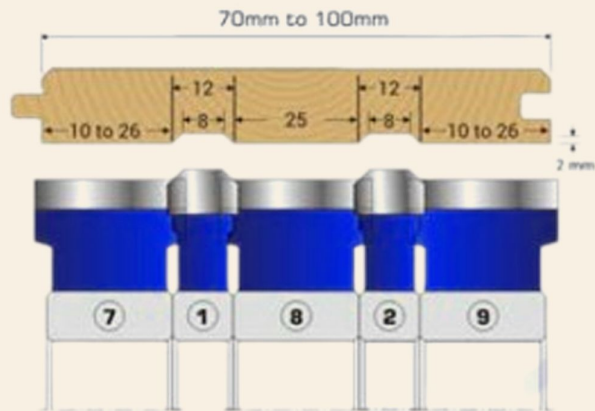
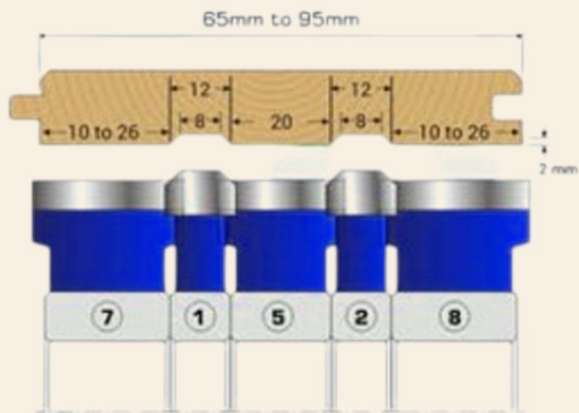
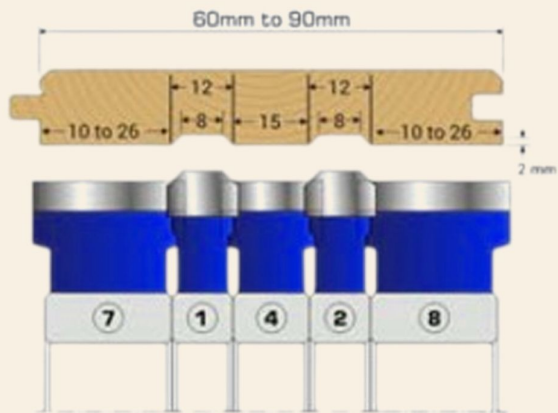


T.C.T Brazed Adjustable 9 pcs. Decking Cutter Set -TTB.DK.22



This set contains 9 Pcs for
Flooring Back Grooves with Planing in wood,
The cutter set allow the insertion
of cutter according to wood width 60mm to 125mm

ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.DK.22.105	125	30/40	60-125	4	32309



T.C.T Brazed Locking System Wooden Flooring Cutter Set- TTB-LS.22

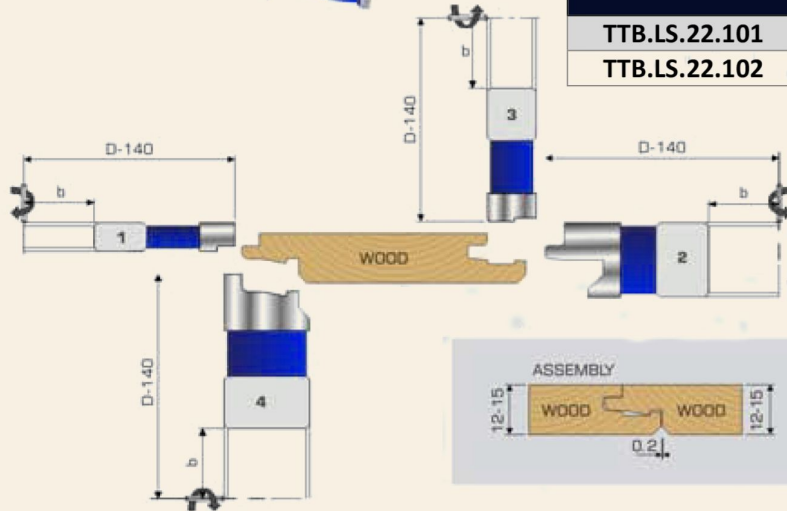
Application: Perfect For Solid Wood ,MDF,Plywood & Panel
Materials From Min:12mm To Max:15mm

Use On: Four- side Moulder Machines

Technical Details: high quality Carbide Tip For Long Life
& Many Re-sharpenings,Precision Ground .4 Wing
Cutters For Ultimate Balance & performance



ORDER NO	DIA (mm)	BORE (mm)	WOOD	Z	PRICE
TTB.LS.22.101	140	40	12-15	4	20770
TTB.LS.22.102	140	40	12-15	6	30001

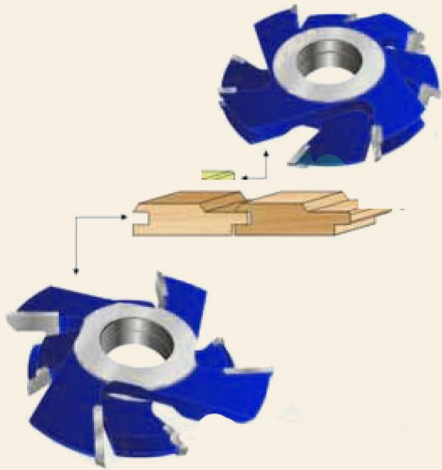


T.C.T Brazed Adjustable Cutter Head Set for Wall paneling- TTB-WP.22

Application: Perfect For Solid Wood ,MDF,Plywood & Panel
Materials From Min:12mm To Max:15mm

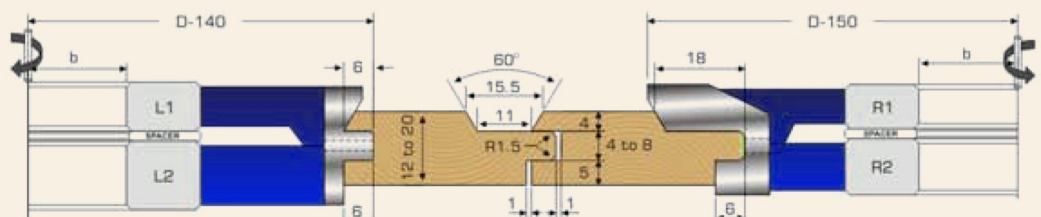
Use On: Four- side Moulder Machines

Technical Details: high quality Carbide Tip For Long Life
& Many Re-sharpenings,Precision Ground .4 Wing Cutters For
Ultimate Balance & performance

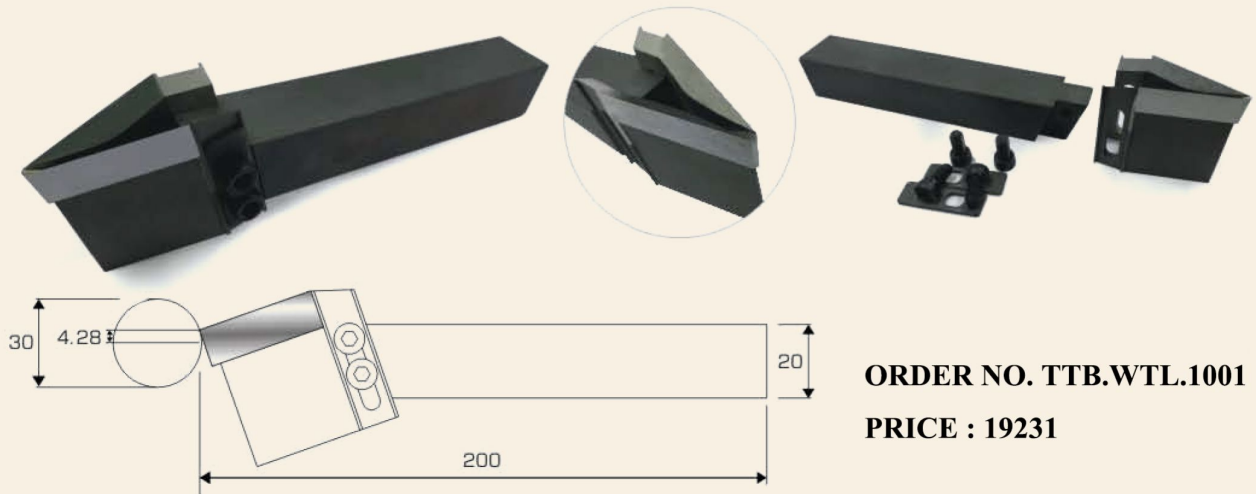


ORDER NO	DIA (mm)	BORE (mm)	WOOD THICK	Z	PRICE
TTB.WP.22.101	140/150	40	12-20	4+4	22308
TTB.WP.22.102	140/150	30	12-20	4+4	22308
TTB.WP.22.103	140/150	35	12-20	4+4	22308

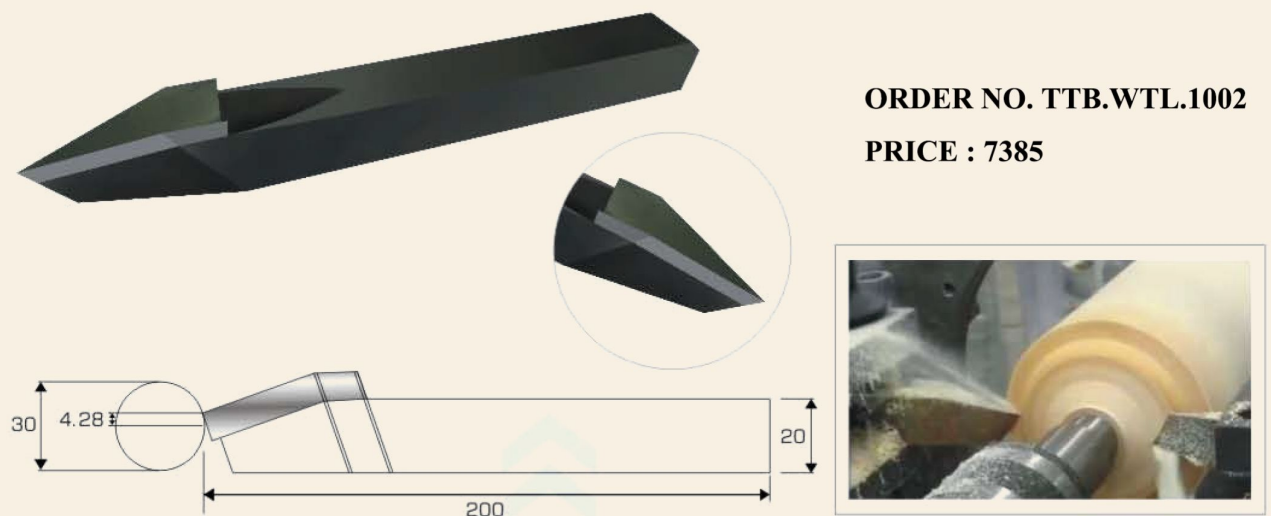
Adjustable Cutter Head Set For Tongue & Groove (Brazed)



T.C.T. Tool For CNC Wood Turning Lathe



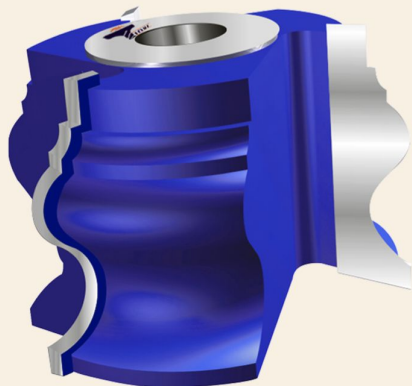
T.C.T. Tool For CNC Wood Turning Lathe (Brazed)



T.C.T Brazed Cutter Head For Hand Rails - TTB.RC.27

Application: solid wood & panel materials, Compressed wood

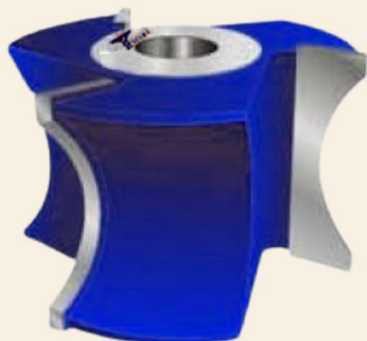
Use ON: Spindle Moulder Machines
& Molding Machine.



ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.RC.27.1096	110/125	30/35	70*45	3	8462
TTB.RC.27.1097	110/125	30/35	70*60	3	10616
TTB.RC.27.1098	110/125	30/35	90*70	3	12462
TTB.RC.27.1099	110/125	30/35	70*45	3	8462
TTB.RC.27.1100	110/125	30/35	70*60	3	10616
TTB.RC.27.1101	110/125	30/35	90*70	3	12462
TTB.RC.27.1102	110/125	30/35	70*45	3	8462
TTB.RC.27.1103	110/125	30/35	70*60	3	10616
TTB.RC.27.1104	110/125	30/35	90*70	3	12462
TTB.RC.27.1105	110/125	30/35	70*45	3	8462
TTB.RC.27.1106	110/125	30/35	70*60	3	10616
TTB.RC.27.1107	110/125	30/35	90*70	3	12462

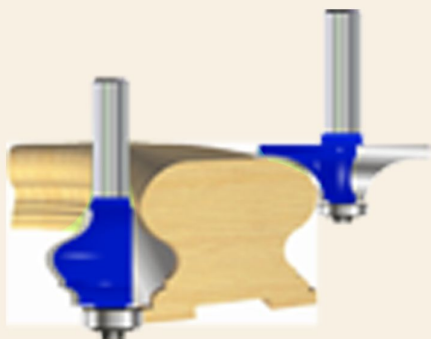
T.C.T Radius Cutter Head For Hand Rails - TTB.RC.27

Radius Cutter For Railing Top (Additional)



ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	Z	PRICE
TTB.RC.27.1096T	110/125	30/35	70*45	3	93865
TTB.RC.27.1097T	110/125	30/35	70*60	3	9385
TTB.RC.27.1098T	110/125	30/35	90*70	3	11231
TTB.RC.27.1099T	110/125	30/35	70*45	3	9385
TTB.RC.27.1100T	110/125	30/35	70*60	3	9385
TTB.RC.27.1101T	110/125	30/35	90*70	3	11231
TTB.RC.27.1102T	110/125	30/35	70*45	3	9385
TTB.RC.27.1103T	110/125	30/35	70*60	3	9385
TTB.RC.27.1104T	110/125	30/35	90*70	3	11231
TTB.RC.27.1105T	110/125	30/35	70*45	3	9385
TTB.RC.27.1106T	110/125	30/35	70*60	3	9385
TTB.RC.27.1107T	110/125	30/35	90*70	3	11231

T.C.T Brazed Router Bit Set For Hand Rails - TTB.RC.27



ORDER NO.	SHANK (mm)	WOOD (mm)	Z	PRICE
TTB.RC.27.1096R	12	70*45	2	5385
TTB.RC.27.1097R	12	70*60	2	6308
TTB.RC.27.1098R	12	90*70	2	6923
TTB.RC.27.1099R	12	70*45	2	5385
TTB.RC.27.1100R	12	70*60	2	6308
TTB.RC.27.1101R	12	90*70	2	6923
TTB.RC.27.1102R	12	70*45	2	5385
TTB.RC.27.1103R	12	70*60	2	6308
TTB.RC.27.1104R	12	90*70	2	6923
TTB.RC.27.1105R	12	70*45	2	5385
TTB.RC.27.1106R	12	70*60	2	6308
TTB.RC.27.1107R	12	90*70	2	6923



TTB.RC.27.1096
TTB.RC.27.1097
TTB.RC.27.1098



TTB.RC.27.1099
TTB.RC.27.1100
TTB.RC.27.1101



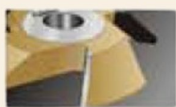
TTB.RC.27.1102
TTB.RC.27.1103
TTB.RC.27.1104



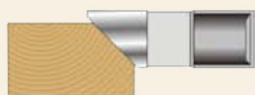
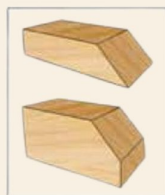
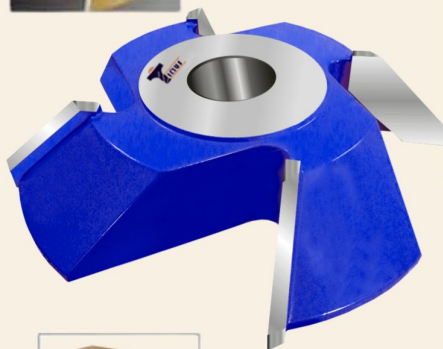
TTB.RC.27.1105
TTB.RC.27.1106
TTB.RC.27.1107



Also Available in PCD



T.C.T Brazed Chamfer Milling Cutter - TTB.CM.28



ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	DEGREE	Z	PRICE
TTB.CM.28.101.Z3	125	25	30/35	45	3	5077
TTB.CM.28.102.Z3	125	30	30/35	45	3	6000
TTB.CM.28.103.Z3	125	40	30/35	45	3	7846
TTB.CM.28.104.Z3	125	50	30/35	45	3	9385

ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	DEGREE	Z	PRICE
TTB.CM.28.101.Z4	125	25	30/35	45	4	6462
TTB.CM.28.102.Z4	125	30	30/35	45	4	7385
TTB.CM.28.103.Z4	125	40	30/35	45	4	10000
TTB.CM.28.104.Z4	125	50	30/35	45	4	11693

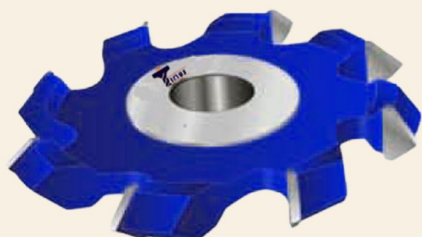
Application: Solid wood & Panel material,

Compressed wood chamfering & bevelling

Use On: Spindle Moulder Machine & Molding Machine

Technical Details: High quality Carbide Teeth For Long Life And Many Re-sharpening,
Precision Ground, 4 to 10 Wing Cutters For Ultimate Balance & Performance.

T.C.T Brazed "V" Groove Shaped Cutter - TTB.VG.29



ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	DEGREE	Z	PRICE
TTB.VG.29.101	125	15	30/35	90	4	2077
TTB.VG.29.102	125	20	30/35	90	4	2615
TTB.VG.29.103	125	25	30/35	90	4	3539
TTB.VG.29.104	125	30	30/35	90	4	4923
TTB.VG.29.105	125	35	30/35	90		6308

ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	DEGREE	Z	PRICE
TTB.VG.29.106	150	15	30/35	90	6	3154
TTB.VG.29.107	150	20	30/35	90	6	3923
TTB.VG.29.108	150	25	30/35	90	6	5308
TTB.VG.29.109	150	30	30/35	90	6	7462
TTB.VG.29.110	150	35	30/35	90	6	9539

Use On: Spindle Moulder & Surface planar Machines.

T.C.T Brazed "V" Groove Cutter for Speaker Box - TTB.VG.29



ORDER NO.	DIA (mm)	THICK (mm)	BORE (mm)	DEGREE	Z	PRICE
TTB.VG.29.121	175	19	30	90	12	5385
TTB.VG.29.122	175	19	30	90	12	7077
TTB.VG.29.123	175	25	30	90	12	7846
TTB.VG.29.124	175	25	30	90	16	10154

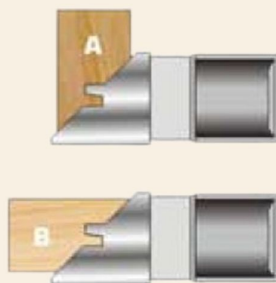
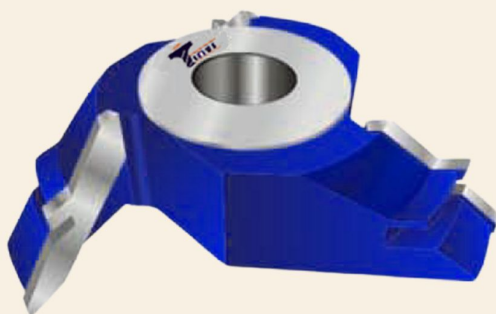


T.C.T Brazed Lock Miter Joint Cutter - TTB MJ.30

Application: Solid Wood & Panel Materials

Use On: Spindle Moulder & Sharper machines.

Technical Details: Lock miter cutter heads are ideal for milling miter joints in joint with maximum 32 mm wood thickness. Create box, Stretches bars, Frames & Any assortment of right angle or parallel joint projects, Two easy Steps to produce perfectly fitting 45° miter joints.



ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	ANGLE	Z	PRICE
TTM.MJ.30.101	150	30/35	32	45	3	11539

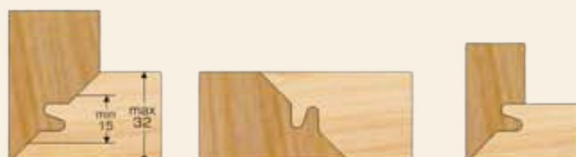
ORDER NO.	DIA (mm)	BORE (mm)	WOOD (mm)	ANGLE	Z	PRICE
TTM.MJ.30.102	150	30/35	32	45	3	11539



T.C.T Brazed Lock Miter Router Bits - TT.MJR



ORDER NO.	DIA (mm)	WOOD (min)	WOOD (max)	ANGL E	SHANK	PRICE
TT.MJR.101	70	15	27	45	12	4923

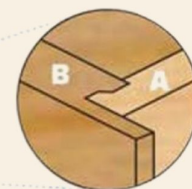
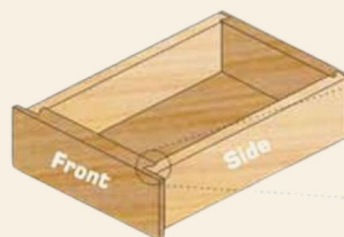
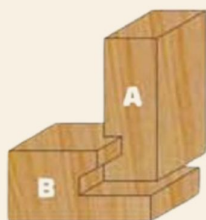
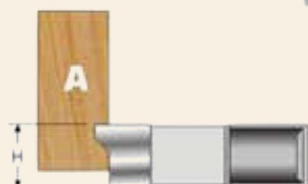
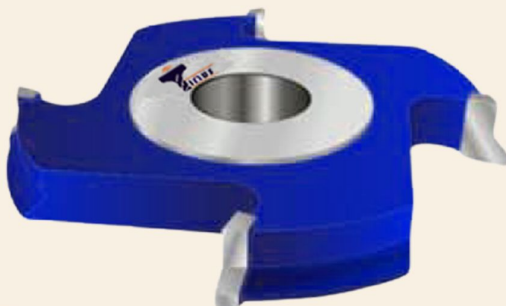


ORDER NO.	DIA (mm)	WOOD (min)	WOOD (max)	ANGLE	SHANK	PRICE
TT.MJR.102	70	15	27	45	12	4923



T.C.T Brazed Lock Cutter TTB.DL.30

ORDER NO.	DIA (mm)	BORE (mm)	HEIGHT	Z	PRICE
TTB.DL.30.101	125	30/35	16	4	3692



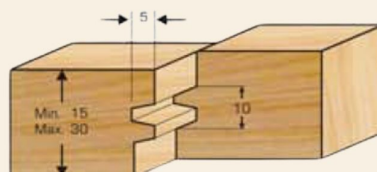
T.C.T Brazed Drawer Lock Router Bits - TT.DLR

ORDER NO.	DIA (mm)	ANGLE	SHANK	Z	PRICE
TT.DLR 101	40	45	8	2	2769
TT.DLR 102	40	45	12	2	2769



T.C.T Brazed Glue Joint Router Bits - TT.GJR

ORDER NO.	DIA (mm)	HEIGHT (mm)	SHANK	Z	PRICE
TT.GJR 101	40	35	12	2	4000



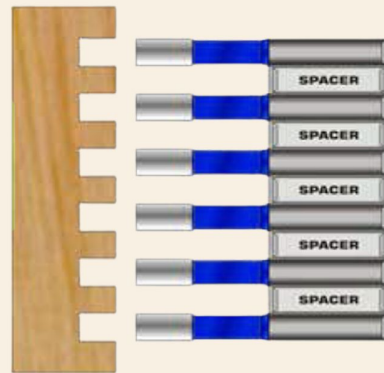
T.C.T Brazed Adjustable Drawer Lock Cutter Set - TTB.DLC.30

USE ON: Spindle moulder machine
& Sharper machine

APPLICATION: Solid wood, Ply wood ,
Compressed wood & Panel materials.

ORDER NO.	DIA (mm)	BORE (mm)	THICK	Z	PRICE
TTB.DLC 30.101	125	30/35	5	6	1385
TTB.DLC 30.102	125	30/35	6	6	1385
TTB.DLC 30.103	125	30/35	8	6	1539
TTB.DLC 30.104	125	30/35	10	6	1692

TECHNICAL DETAILS: High quality Carbide Tip for Long Life & Many Re-sharpenings,
Precision Grounds, 4 wing cutters for ultimate balance & performance.

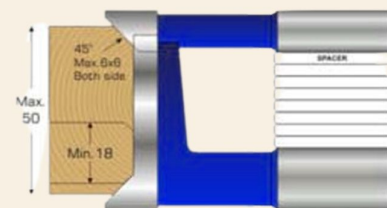


T.C.T Brazed 2 Piece Adjustable Chamfering & Rounding Set- TTB.CR.30

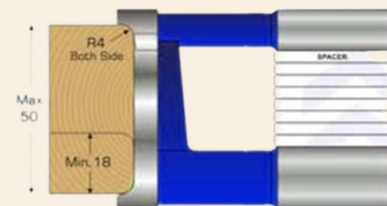
APPLICATION: Solid wood & wood composite materials.

USE ON: Spindle moulder machines & four side Moulders.

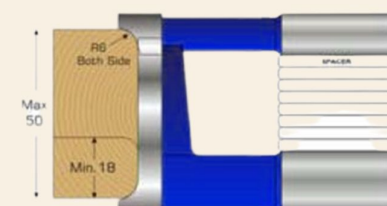
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK	Z	PRICE
TTB.CR 30.101	125	30/35/40	18 to 50	4	10000
TTB.CR 30.102	125	30/35/40	18 to 50	4	10000
TTB.CR 30.103	125	30/35/40	18 to 50	4	10000



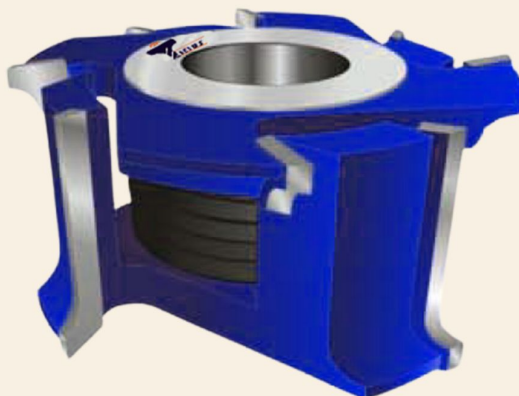
TTB.CR.30.101

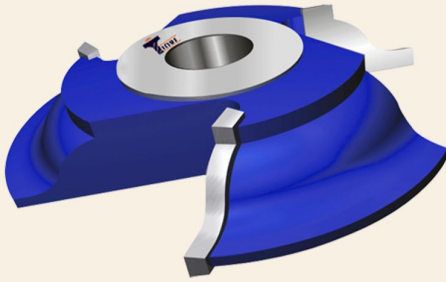


TTB.CR.30.102



TTB.CR.30.103



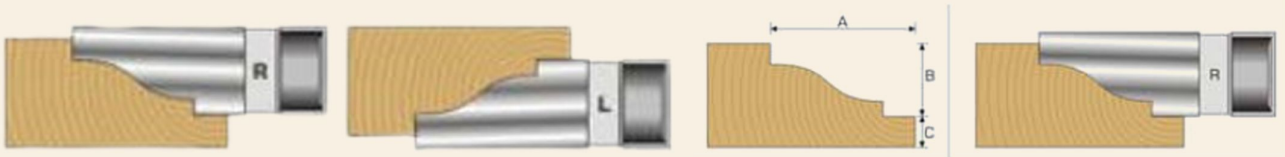
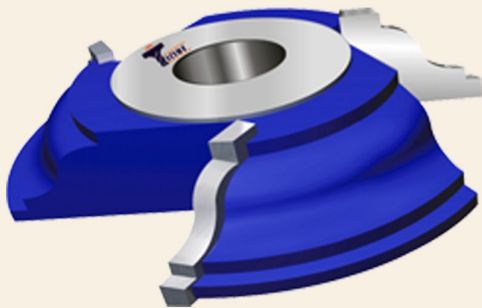
T.C.T Brazed Profile Cutter - TTB.FC.32

APPLICATION: Solid wood ,
ply wood, Compressed wood &
Panel materials.

USE ON: Spindle moulder Machines

TECHNICAL DETAILS: High quality
carbide tip for long life & many
RE-sharpenings, Precision grounds,
3 wing cutter for performance.

ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.32.1121	125	30/35	15	15	6	3	2462
TTB.FC.32.1122	125	30/35	20	20	6	3	3000
TTB.FC.32.1123	125	30/35	22	22	6	3	3385
TTB.FC.32.1124	125	30/35	25	20	6	3	3846
TTB.FC.32.1125	125	30/35	25	25	6	3	4077
TTB.FC.32.1126	150	30/35	30	18	6	3	4308
TTB.FC.32.1127	150	30/35	30	25	6	3	4616
TTB.FC.32.1128	150	30/35	35	15	6	3	4923
TTB.FC.32.1129	150	30/35	35	18	6	3	5154
TTB.FC.32.1130	150	30/35	35	25	6	3	5692
TTB.FC.32.1131	150	30/35	40	18	6	3	5692
TTB.FC.32.1132	150	30/35	40	25	6	3	6000
TTB.FC.32.1133	170	30/35	45	20	6	3	6000
TTB.FC.32.1134	170	30/35	45	25	6	3	6385

**T.C.T Brazed Profile Cutter - TTB.FC.33**

ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.33.1135	125	30/35	15	15	6	3	2462
TTB.FC.33.1136	125	30/35	20	20	6	3	3000
TTB.FC.33.1137	125	30/35	22	22	6	3	3385
TTB.FC.33.1138	125	30/35	25	20	6	3	3846
TTB.FC.33.1139	125	30/35	25	25	6	3	4077
TTB.FC.33.1140	150	30/35	30	18	6	3	4308
TTB.FC.33.1141	150	30/35	30	25	6	3	4616
TTB.FC.33.1142	150	30/35	35	15	6	3	4923
TTB.FC.33.1143	150	30/35	35	18	6	3	5154
TTB.FC.33.1144	150	30/35	35	25	6	3	5692
TTB.FC.33.1145	150	30/35	40	18	6	3	5692
TTB.FC.33.1146	150	30/35	40	25	6	3	6000
TTB.FC.33.1147	170	30/35	45	20	6	3	6000
TTB.FC.33.1148	170	30/35	45	25	6	3	6385

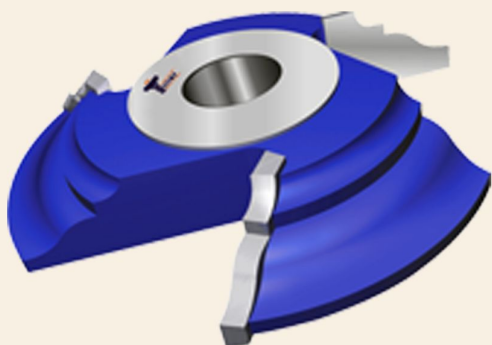


T.C.T Brazed Profile Cutter - TTB.FC.34

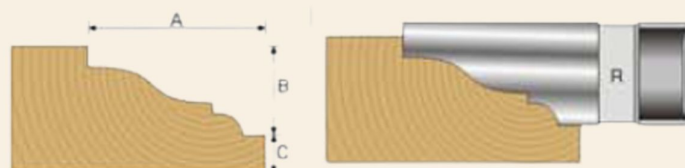
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.34.1149	125	30/35	15	15	6	3	2462
TTB.FC.34.1150	125	30/35	20	20	6	3	3000
TTB.FC.34.1151	125	30/35	22	22	6	3	3385
TTB.FC.34.1152	125	30/35	25	20	6	3	3846
TTB.FC.34.1153	125	30/35	25	25	6	3	4077
TTB.FC.34.1154	150	30/35	30	18	6	3	4308
TTB.FC.34.1155	150	30/35	30	25	6	3	4616
TTB.FC.34.1156	150	30/35	35	15	6	3	4923
TTB.FC.34.1157	150	30/35	35	18	6	3	5154
TTB.FC.34.1158	150	30/35	35	25	6	3	5692
TTB.FC.34.1159	150	30/35	40	18	6	3	5692
TTB.FC.34.1160	150	30/35	40	25	6	3	6000
TTB.FC.34.1161	170	30/35	45	20	6	3	6000
TTB.FC.34.1162	170	30/35	45	25	6	3	6385

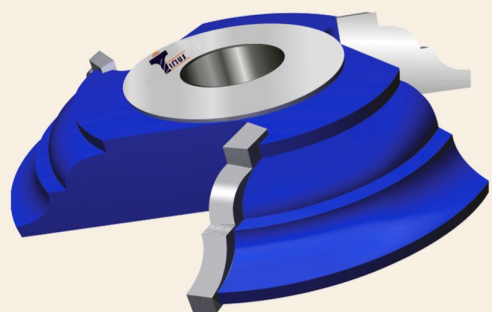


T.C.T Brazed Profile Cutter - TTB.FC.35

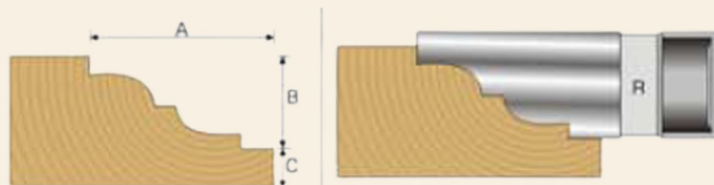
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.35.1163	125	30/35	15	15	6	3	2462
TTB.FC.35.1164	125	30/35	20	20	6	3	3000
TTB.FC.35.1165	125	30/35	22	22	6	3	3385
TTB.FC.35.1166	125	30/35	25	20	6	3	3846
TTB.FC.35.1167	125	30/35	25	25	6	3	4077
TTB.FC.35.1168	150	30/35	30	18	6	3	4308
TTB.FC.35.1169	150	30/35	30	25	6	3	4616
TTB.FC.35.1170	150	30/35	35	15	6	3	4923
TTB.FC.35.1171	150	30/35	35	18	6	3	5154
TTB.FC.35.1172	150	30/35	35	25	6	3	5692
TTB.FC.35.1173	150	30/35	40	18	6	3	5692
TTB.FC.35.1174	150	30/35	40	25	6	3	6000
TTB.FC.35.1175	170	30/35	45	20	6	3	6000
TTB.FC.35.1176	170	30/35	45	25	6	3	6385

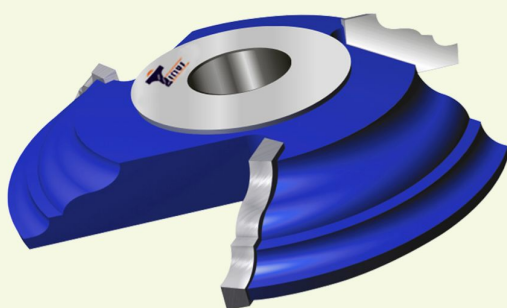


T.C.T Brazed Profile Cutter - TTB.FC.36

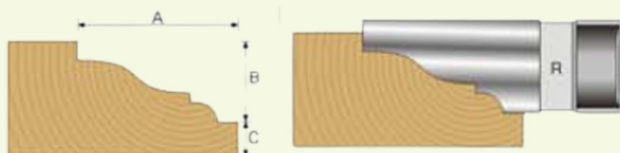
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



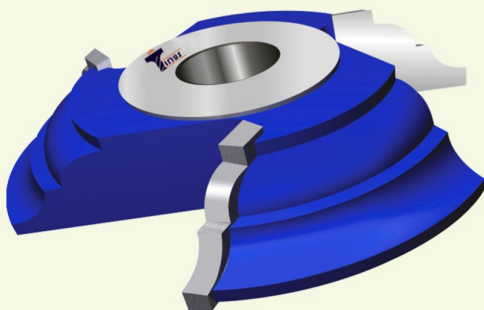
ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.36.1177	125	30/35	15	15	6	3	2462
TTB.FC.36.1178	125	30/35	20	20	6	3	3000
TTB.FC.36.1179	125	30/35	22	22	6	3	3385
TTB.FC.36.1180	125	30/35	25	20	6	3	3846
TTB.FC.36.1181	125	30/35	25	25	6	3	4077
TTB.FC.36.1182	150	30/35	30	18	6	3	4308
TTB.FC.36.1183	150	30/35	30	25	6	3	4616
TTB.FC.36.1184	150	30/35	35	15	6	3	4923
TTB.FC.36.1185	150	30/35	35	18	6	3	5154
TTB.FC.36.1186	150	30/35	35	25	6	3	5692
TTB.FC.36.1187	150	30/35	40	18	6	3	5692
TTB.FC.36.1188	150	30/35	40	25	6	3	6000
TTB.FC.36.1189	170	30/35	45	20	6	3	6000
TTB.FC.36.1190	170	30/35	45	25	6	3	6385

**T.C.T Brazed Profile Cutter - TTB.FC.37**

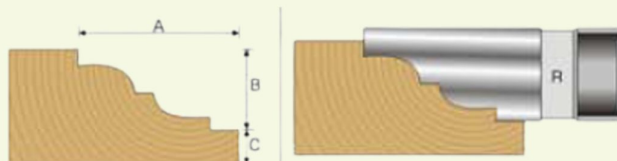
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.37.1191	125	30/35	15	15	6	3	2462
TTB.FC.37.1192	125	30/35	20	20	6	3	3000
TTB.FC.37.1193	125	30/35	22	22	6	3	3385
TTB.FC.37.1194	125	30/35	25	20	6	3	3846
TTB.FC.37.1195	125	30/35	25	25	6	3	4077
TTB.FC.37.1196	150	30/35	30	18	6	3	4308
TTB.FC.37.1197	150	30/35	30	25	6	3	4616
TTB.FC.37.1198	150	30/35	35	15	6	3	4923
TTB.FC.37.1199	150	30/35	35	18	6	3	5154
TTB.FC.37.1200	150	30/35	35	25	6	3	5692
TTB.FC.37.1201	150	30/35	40	18	6	3	5692
TTB.FC.37.1202	150	30/35	40	25	6	3	6000
TTB.FC.37.1203	170	30/35	45	20	6	3	6000
TTB.FC.37.1204	170	30/35	45	25	6	3	6385

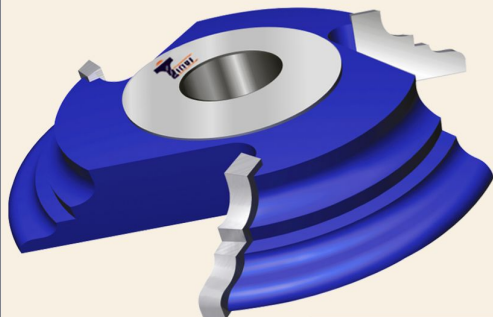


T.C.T Brazed Profile Cutter - TTB FC.38

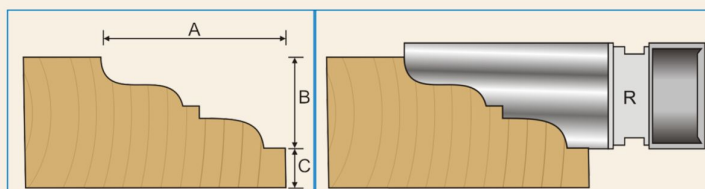
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

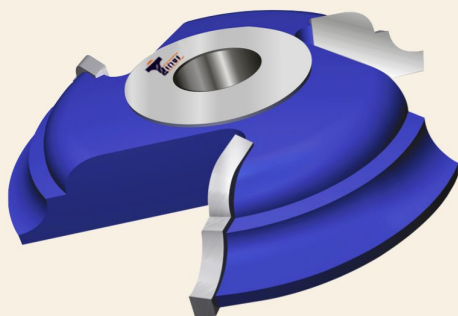
Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



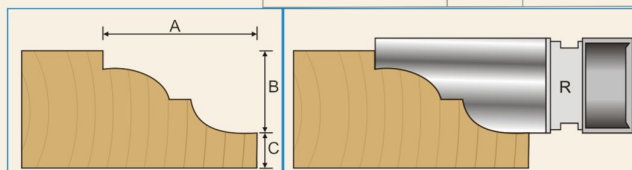
ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.38.1205	125	30/35	15	15	6	3	2462
TTB.FC.38.1206	125	30/35	20	20	6	3	3000
TTB.FC.38.1207	125	30/35	22	22	6	3	3385
TTB.FC.38.1208	125	30/35	25	20	6	3	3846
TTB.FC.38.1209	125	30/35	25	25	6	3	4077
TTB.FC.38.1210	150	30/35	30	18	6	3	4308
TTB.FC.38.1211	150	30/35	30	25	6	3	4616
TTB.FC.38.1212	150	30/35	35	15	6	3	4923
TTB.FC.38.1213	150	30/35	35	18	6	3	5154
TTB.FC.38.1214	150	30/35	35	25	6	3	5692
TTB.FC.38.1215	150	30/35	40	18	6	3	5692
TTB.FC.38.1216	150	30/35	40	25	6	3	6000
TTB.FC.38.1217	170	30/35	45	20	6	3	6000
TTB.FC.38.1218	170	30/35	45	25	6	3	6385

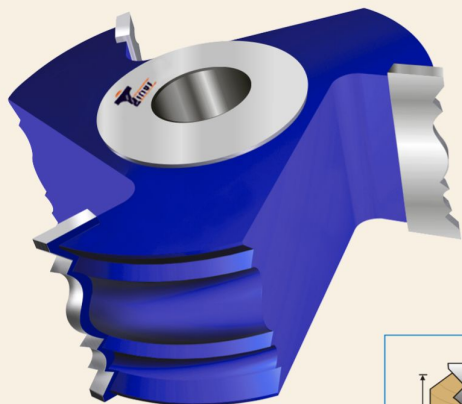


T.C.T Brazed Profile Cutter - TTB FC.39



ORDER NO.	DIA (mm)	BORE (mm)	A (mm)	B (mm)	C (mm)	Z	PRICE
TTB.FC.39.1219	125	30/35	15	15	6	3	2462
TTB.FC.39.1220	125	30/35	20	20	6	3	3000
TTB.FC.39.1221	125	30/35	22	22	6	3	3385
TTB.FC.39.1222	125	30/35	25	20	6	3	3846
TTB.FC.39.1223	125	30/35	25	25	6	3	4077
TTB.FC.39.1224	150	30/35	30	18	6	3	4308
TTB.FC.39.1225	150	30/35	30	25	6	3	4616
TTB.FC.39.1226	150	30/35	35	15	6	3	4923
TTB.FC.39.1227	150	30/35	35	18	6	3	5154
TTB.FC.39.1228	150	30/35	35	25	6	3	5692
TTB.FC.39.1229	150	30/35	40	18	6	3	5692
TTB.FC.39.1230	150	30/35	40	25	6	3	6000
TTB.FC.39.1231	170	30/35	45	20	6	3	6000
TTB.FC.39.1232	170	30/35	45	25	6	3	6385



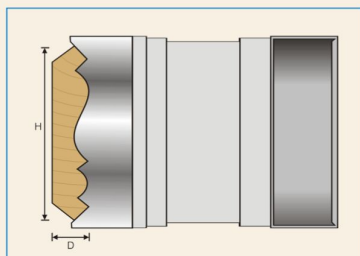


T.C.T Brazed Profile Cutter - TTB .PC.40

Application: Solid woods & Panel Materials.

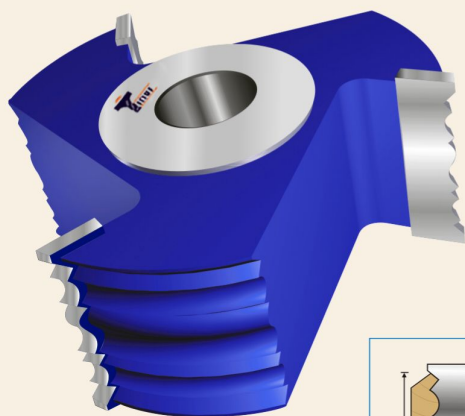
Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.40.1233	125	30/35	75	18	3	12308
TTB.PC.40.1234	125	30/35	100	18	3	15385
TTB.PC.40.1235	125	30/35	125	18	3	19693
TTB.PC.40.1236	125	30/35	150	18	3	23847

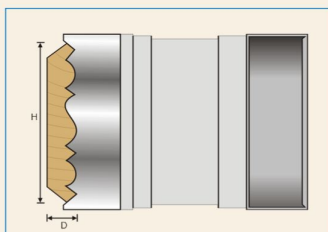
T.C.T Brazed Profile Cutter - TTB .PC.41



Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



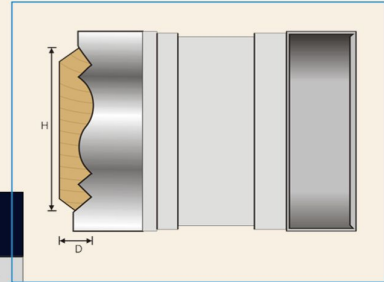
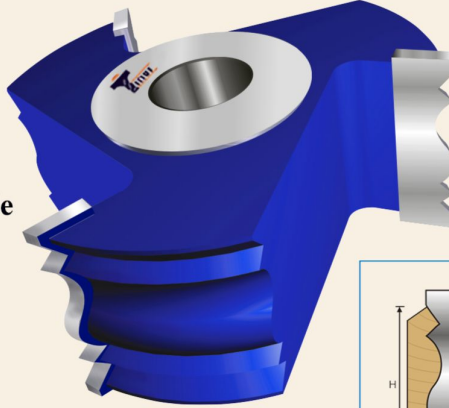
ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.41.1237	125	30/35	75	18	3	12308
TTB.PC.41.1238	125	30/35	100	18	3	15385
TTB.PC.41.1239	125	30/35	125	18	3	19693
TTB.PC.41.1240	125	30/35	150	18	3	23847

T.C.T Brazed Profile Cutter - TTB.PC.42

Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



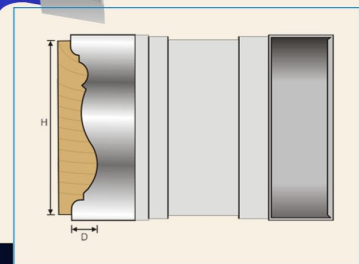
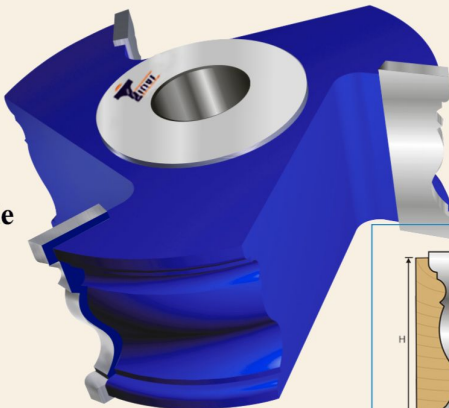
ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.42.1241	125	30/35	75	18	3	12308
TTB.PC.42.1242	125	30/35	100	18	3	15385
TTB.PC.42.1243	125	30/35	125	18	3	19693
TTB.PC.42.1244	125	30/35	150	18	3	23847

T.C.T Brazed Profile Cutter - TTB.PC.43

Application: Solid woods & Panel Materials.

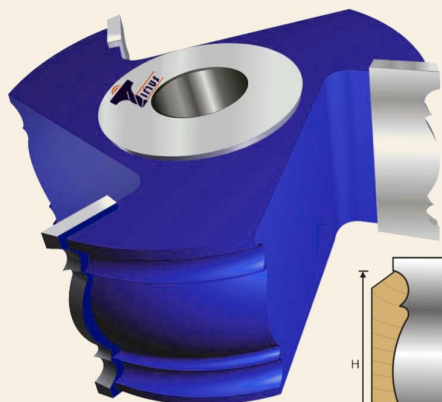
Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.43.1245	125	30/35	75	18	3	12308
TTB.PC.43.1246	125	30/35	100	18	3	15385
TTB.PC.43.1247	125	30/35	125	18	3	19693
TTB.PC.43.1248	125	30/35	150	18	3	23847



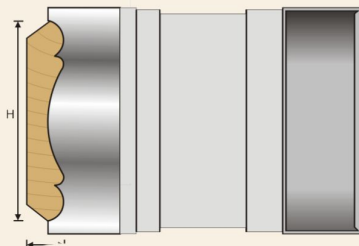


T.C.T Brazed Profile Cutter -TTB.PC.44

Application: Solid woods & Panel Materials.

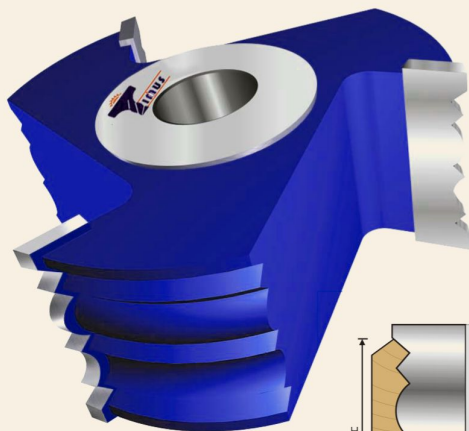
Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.44.1249	125	30/35	75	18	3	12308
TTB.PC.44.1250	125	30/35	100	18	3	15385
TTB.PC.44.1251	125	30/35	125	18	3	19693
TTB.PC.44.1252	125	30/35	150	18	3	23847

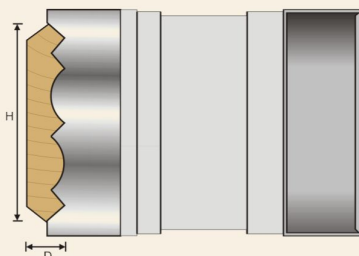
T.C.T Brazed Profile Cutter -TTB.PC.45



Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



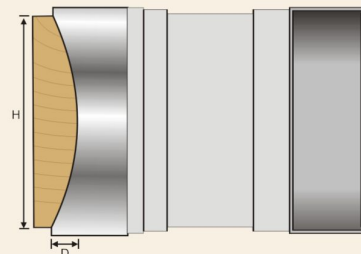
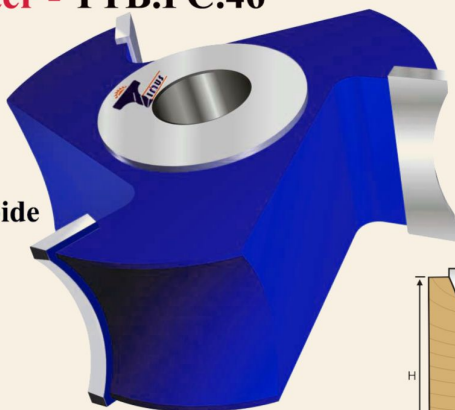
ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.45.1249	125	30/35	75	18	3	12308
TTB.PC.45.1250	125	30/35	100	18	3	15385
TTB.PC.45.1251	125	30/35	125	18	3	19693
TTB.PC.45.1252	125	30/35	150	18	3	23847

T.C.T Brazed Profile Cutter - TTB.PC.46

Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



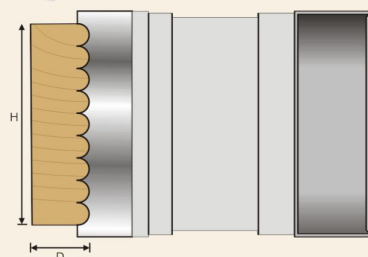
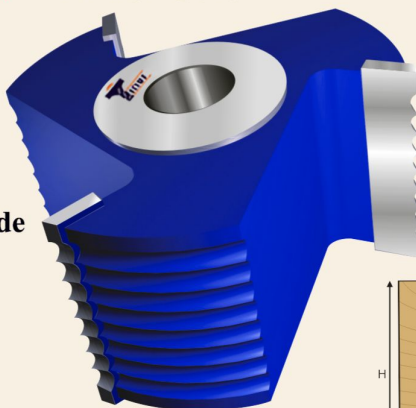
ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.46.1257	125	30/35	50	12	3	9616
TTB.PC.46.1258	125	30/35	75	12	3	12308
TTB.PC.46.1259	125	30/35	100	12	3	15385
TTB.PC.46.1260	125	30/35	125	12	3	19693

T.C.T Brazed Profile Cutter - TTB.PC.47

Application: Solid woods & Panel Materials.

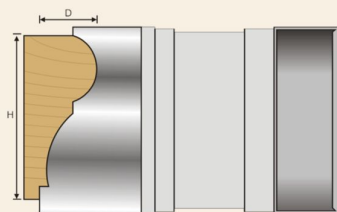
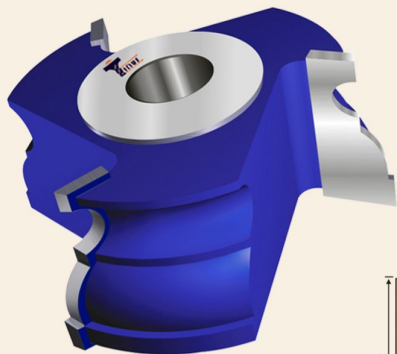
Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.



ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.47.1261	125	30/35	50	12	3	9616
TTB.PC.47.1262	125	30/35	75	12	3	12308
TTB.PC.47.1263	125	30/35	100	12	3	15385
TTB.PC.47.1264	125	30/35	125	12	3	19693



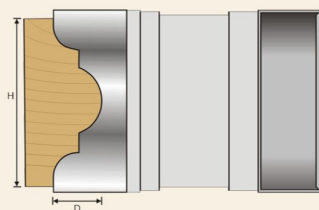
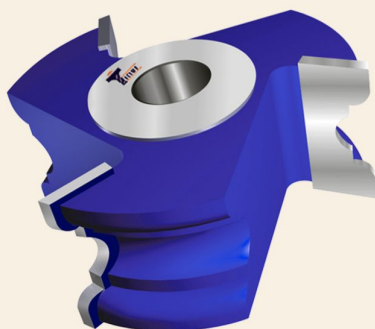
T.C.T Brazed Profile Cutter - TTB.PC.48

Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.

ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.48.1265	125	30/35	30	10	3	6000
TTB.PC.48.1266	125	30/35	40	10	3	7769
TTB.PC.48.1267	125	30/35	50	10	3	9231
TTB.PC.48.1268	125	30/35	75	10	3	12308

**T.C.T Brazed Profile Cutter - TTB.PC.49**

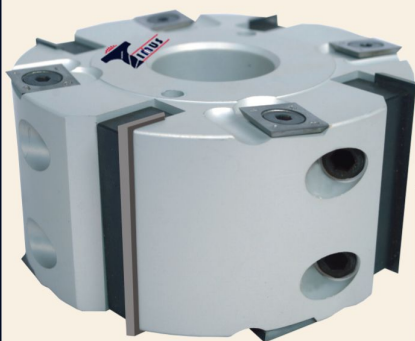
Application: Solid woods & Panel Materials.

Use On: Spindle moulder Machines

Technical Details: High Quality Carbide Tip for long life & many Re-sharpenings, precision Grounds, # wing cutters for ultimate balance.

ORDER NO.	DIA (mm)	BORE (mm)	H (mm)	D (mm)	Z	PRICE
TTB.PC.49.1269	125	30/35	30	8	3	5308
TTB.PC.49.1270	125	30/35	40	8	3	6846
TTB.PC.49.1271	125	30/35	50	8	3	8462
TTB.PC.49.1272	125	30/35	75	8	3	12308

Planning Cutter Head Four Wings - TTR-PC.23

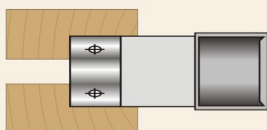
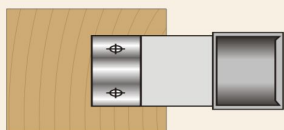


Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

Material: Hard Alloy Aluminium Body With TCT Knives.

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	SPURE	PRICE
TTR.PC.23.103051	100	30	51	4	4+4	10000
TTR.PC.23.123051	125	30	51	4	4+4	10770
TTR.PC.23.103551	100	35	51	4	4+4	10000
TTR.PC.23.123551	125	35	51	4	4+4	10770



Spares :

ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
TTR.PC.23.103051 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.23.123051 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.23.103551 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.23.123551 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77

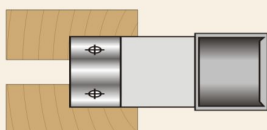
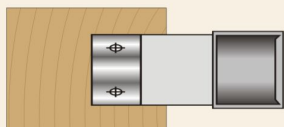
Planning Cutter Head Four Wings - TTR-PC.24



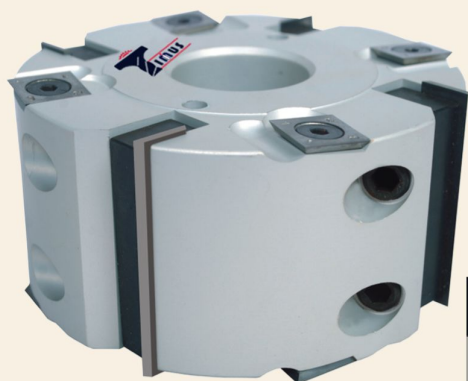
ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	SPURE	PRICE
TTR.PC.24.103051	100	30	51	2	2+2	8462
TTR.PC.24.123051	125	30	51	2	2+2	8923
TTR.PC.24.103551	100	35	51	2	2+2	8462
TTR.PC.24.123551	125	35	51	2	2+2	8923

Spares :

ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
TTR.PC.24.103051 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.24.103551 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.24.123051 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77
TTR.PC.24.123551 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77	14x14x2 138	M5x6C 77



Planing Cutter Head Four Wings - TTR-SP.25



Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

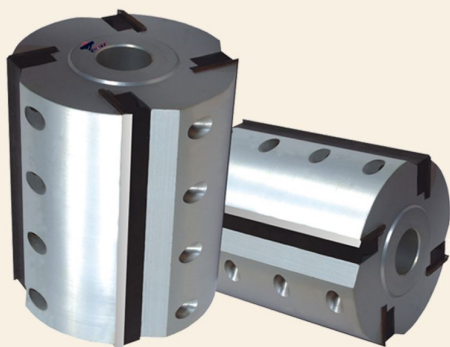
Material: Hard Alloy Aluminium Body With TCT Knives.

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTR.SP.25.7560	75	30	60	4	11077
TTR.SP.25.1030	100	30/40	30	4	5385
TTR.SP.25.1050	100	30/40	50	4	7385
TTR.SP.25.1250	125	30/40	50	4	8000

Spares :

ORDER NO.	KNIVES	WEDGE	SCREW
TTR.SP.25.7560 PRICE	60x12x1.5 262	59x10x8 462	M6x16G 77
TTR.SP.25.1030 PRICE	30x12x1.5 262	29x10x8 462	M6x16G 77
TTR.SP.25.1050 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77
TTR.SP.25.1250 PRICE	50x12x1.5 262	49x10x8 462	M6x16G 77

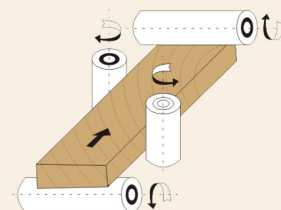
Planing Cutter Head Four Wings - TTR-SE.29



Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

Material: Hard Alloy Aluminium Body With TCT Knives.



Spares:

ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	PRICE
TTR.SE.29.100	125	40	100	4	13847
TTR.SE.29.130	125	40	130	4	18000
TTR.SE.29.150	125	40	150	4	20770
TTR.SE.29.180	125	40	180	4	24924
TTR.SE.29.200	125	40	200	4	27693
TTR.SE.29.230	125	40	230	4	31847
TTR.SE.29.250	125	40	250	4	34616
TTR.SE.29.300	125	40	300	4	41540
TTR.SE.29.330	125	40	330	4	44309

KNIVES	PRICE	WEDGE	PRICE	SCREW	PRICE
100x30x3	677	21x12x100	616	M10x25G	77
130x30x3	923	21x12x100	770	M10x25G	77
150x30x3	1015	21x12x100	924	M10x25G	77
180x30x3	1231	21x12x100	1000	M10x25G	77
200x30x3	1231	21x12x100	1077	M10x25G	77
230x30x3	1246	21x12x100	1108	M10x25G	77
250x30x3	1385	21x12x100	1231	M10x25G	77
300x30x3	1662	21x12x100	1385	M10x25G	77
330x30x3	1800	21x12x100	1600	M10x25G	77

Spiral Planning Cutter Head with T.C.T Replaceable Knives

-TTR-HC.26



Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

Material: Hard Alloy Aluminium Body With TCT Knives.

ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	KNIVES Qty.	PRICE
TTR.HC.26.8050	80	30/35	50	6	12	9231
TTR.HC.26.8060	80	30/35	60	6	15	11539
TTR.HC.26.8075	80	30/35	75	6	18	13847
TTR.HC.26.8010	100	30/35	100	6	24	18462
TTR.HC.26.1050	100	30/35	50	6	12	9231
TTR.HC.26.1075	100	30/35	75	6	18	13847
TTR.HC.26.1010	100	30/35	100	6	24	18462
TTR.HC.26.1012	100	30/35	120	6	30	23078
TTR.HC.26.1015	100	30/35	150	6	36	27693

Spiral Planning Cutter Head with T.C.T Replaceable Knives

-TTR-HC.27



Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

Material: Hard Alloy Aluminium Body With TCT Knives.

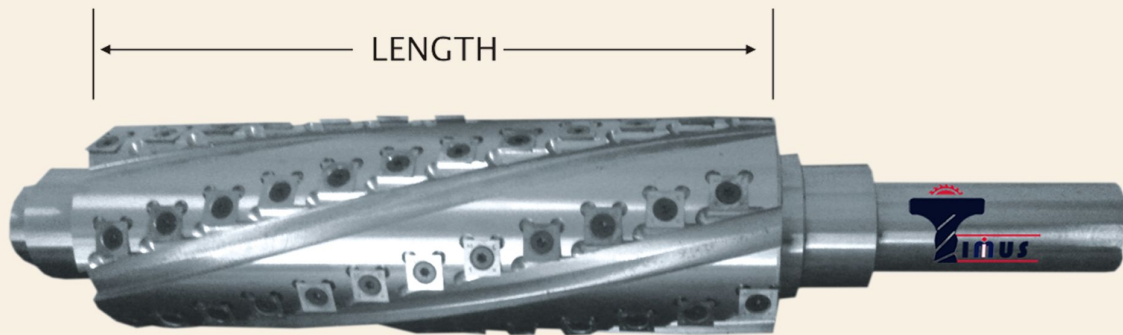
ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	KNIVES Qty.	PRICE
TTR.HC.27.050	125	40	50	6	12	9231
TTR.HC.27.075	125	40	75	6	18	13847
TTR.HC.27.100	125	40	100	6	24	18462
TTR.HC.27.130	125	40	130	6	30	23078
TTR.HC.27.150	125	40	150	6	36	27693
TTR.HC.27.180	125	40	180	6	42	32309
TTR.HC.27.200	125	40	200	6	48	36924
TTR.HC.27.230	125	40	230	6	54	41540
TTR.HC.27.255	125	40	255	6	60	46155
TTR.HC.27.305	125	40	305	6	72	55386



Spiral Planing Cutter Head with T.C.T Replaceable Knives

-TTR-HC.28

The high performance Spiral cutter Head is enhancing the woodworking industry. A One-of-a-kind custom designed for your surface & thickness planner and double sided moulder will cut noise, reduce dust and chips, and cut labour and material costs for your business.



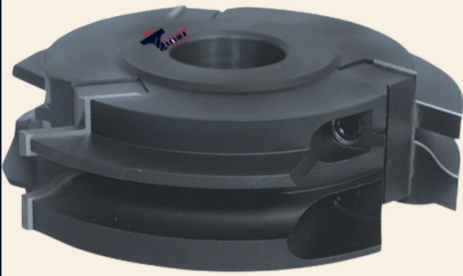
Spiral Cutter Head – Aliminum body

ORDER NO.	DIA (mm)	LENGTH (mm)	Z	KNIFE SIZE	KNIFE QTY.	PRICE
TTR.HCA.28.230	100	230(9")	6	14x14x2	54	47078
TTR.HCA.28.255	100	255(10")	6	14x14x2	60	52309
TTR.HCA.28.305	100	305(12")	6	14x14x2	72	62771
TTR.HCA.28.330	100	330(13")	6	14x14x2	78	68000
TTR.HCA.28.380	100	380(15")	6	14x14x2	90	78464
TTR.HCA.28.457	100	457(18")	6	14x14x2	108	94156
TTR.HCA.28.508	100	508(20")	6	14x14x2	120	104618
TTR.HCA.28.610	100	610(24")	6	14x14x2	144	125542

Spiral Cutter Head – Steel body

ORDER NO.	DIA (mm)	LENGTH (mm)	Z	KNIFE SIZE	KNIFE QTY.	PRICE
TTR.HCS.28.230	100	230(9")	6	15x15x2.5	54	54000
TTR.HCS.28.255	100	255(10")	6	15x15x2.5	60	60000
TTR.HCS.28.305	100	305(12")	6	15x15x2.5	72	72000
TTR.HCS.28.330	100	330(13")	6	15x15x2.5	78	78000
TTR.HCS.28.380	100	380(15")	6	15x15x2.5	90	90000
TTR.HCS.28.457	100	457(18")	6	15x15x2.5	108	108000
TTR.HCS.28.508	100	508(20")	6	15x15x2.5	120	120000
TTR.HCS.28.610	100	610(24")	6	15x15x2.5	144	144000

Counter Profile Counter Cutter Head Set - TTR-RS.31 (T.C.T Replaceable Knives)



Application: These cutter head have designed for grooving, rebating from top & bottom, ideal on chip board, MDF, wood composite, plastic material & laminated board.

Use On: Spindle moulder Machines

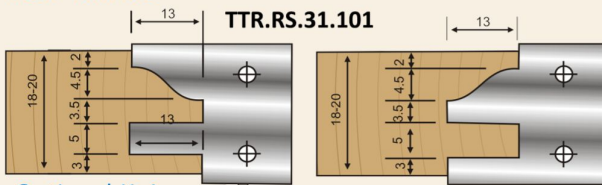
Material: Hard Alloy Aluminium Body With TCT Knives.

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTR.RS.31.101	125	30/35	18-20	3	40000
TTR.RS.31.102	125	30/35	18-20	3	40000
TTR.RS.31.103	125	30/35	18-20	3	40000
TTR.RS.31.104	125	30/35	18-20	3	40000
TTR.RS.31.105	125	30/35	22-24	3	40000
TTR.RS.31.106	125	30/35	22-24	3	40000
TTR.RS.31.107	125	30/35	22-24	3	40000
TTR.RS.31.108	125	30/35	22-24	3	40000

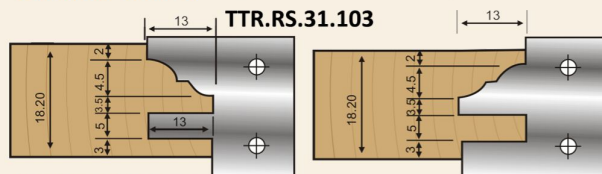
Spares:

ORDER NO.	KNIVES	PRICE (PER PCS.)	WEDGE	PRICE	SCREW	PRICE
TTR.RS.31.101	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.102	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.103	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.104	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.105	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.106	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.107	30x30x2	2770	29x17x10	616	M6x20G	77
TTR.RS.31.108	30x30x2	2770	29x17x10	616	M6x20G	77

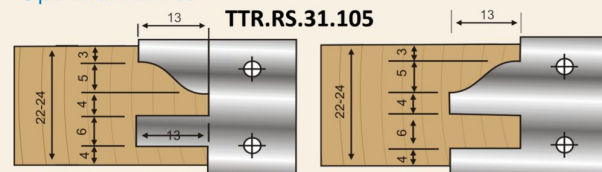
Pair Knives



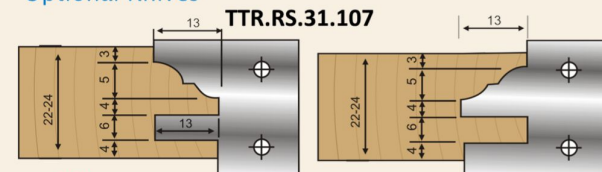
Optional Knives



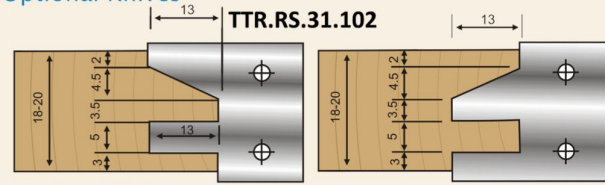
Optional Knives



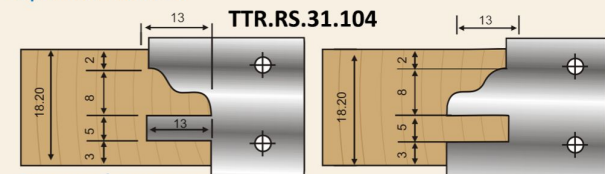
Optional Knives



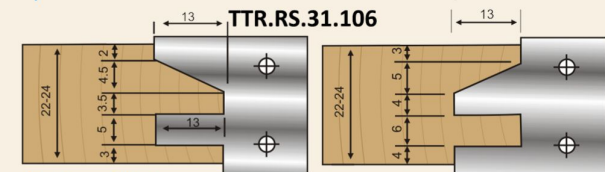
Optional Knives



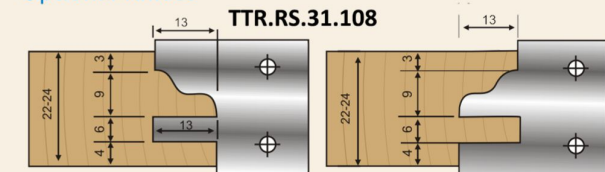
Optional Knives



Optional Knives



Optional Knives



Raised Panel Cutter Head - TTR-RP.32

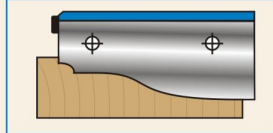
Application: These cutter head have designed for raised panel in all material but ideal on solid wood, panel materials & wood composite materials for the construction of future cabinet doors. By simply adjusting the height of the head. You can cut to perfectly cutting & profiles with no waste of time

Use On: Spindle moulder Machines

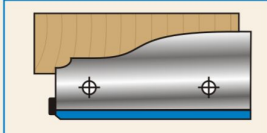
Material: Hard Alloy Aluminium Body With TCT Knives.



Cutter Head with Wood Underneath

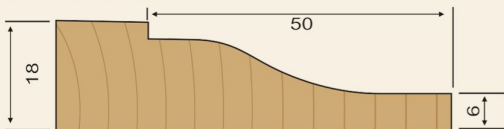


Cutter Head with Wood Above



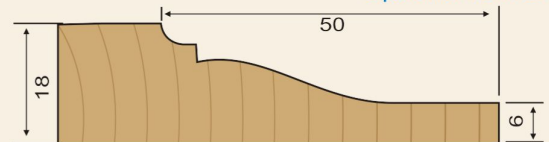
DIA (mm)	Bore (mm)	Z
175	30/35	3
175	30/35	3

Pair Knives



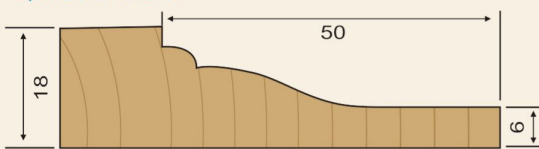
	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.101	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.102	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

Optional Knives



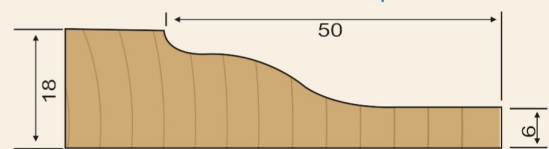
	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.103	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.104	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

Optional Knives



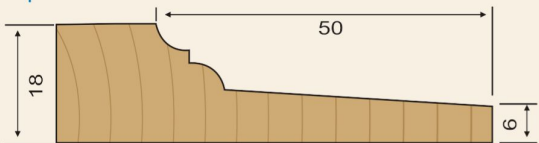
	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.105	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.106	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

Optional Knives



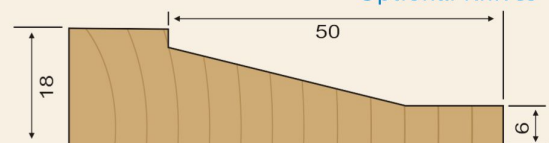
	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.107	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.108	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

Optional Knives



	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.109	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.110	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

Optional Knives



	ORDER NO.	PROFILE SIZE(mm)	KNIVES	WEDGE	SCREW
	TTR.RP.32.111	40X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77
	TTR.RP.32.112	50X18	50x20x2	40x16x9	M6x20G
PRICE	27693		3385	770	77

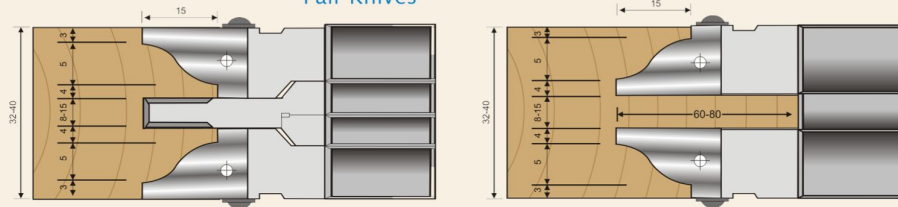
Counter Profile Cutter (Extra Long Doors Set) - TTR-DS.33



Use On: Spindle moulder Machines

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	PRICE
TTR.DS.33.101	140/200	30/35	32-40	2/3	84618
TTR.DS.33.102	140/200	30/35	32-40	2/3	84618
TTR.DS.33.103	140/200	30/35	32-40	2/3	84618

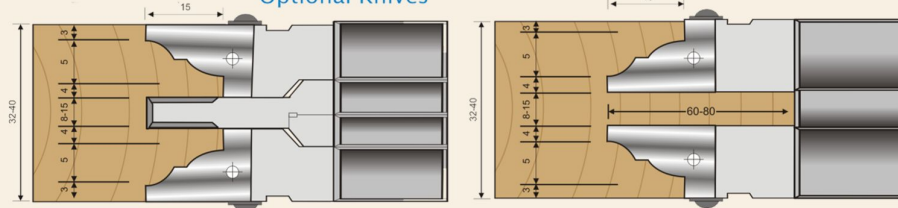
Pair Knives



TTR.DS.33.101

KNIVES	WEDGE	SCREW	KNIVES	WEDGE	SCREW	SPURE	SCREW
20x30x2	20x15x10	M8x20G	7.5x12x1.5	11x8x6	M5x16G	14x14x2	M5x3C-M5x5C
PRICE	2770	616	77	154	462	77	123

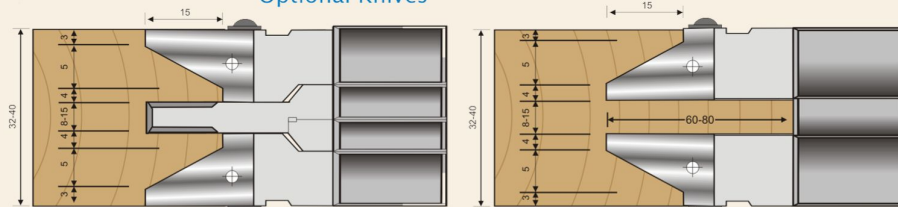
Optional Knives



TTR.DS.33.102

KNIVES	WEDGE	SCREW	KNIVES	WEDGE	SCREW	SPURE	SCREW
20x30x2	20x15x10	M8x20G	7.5x12x1.5	11x8x6	M5x16G	14x14x2	M5x3C-M5x5C
PRICE	2770	616	77	154	462	77	123

Optional Knives



TTR.DS.33.103

KNIVES	WEDGE	SCREW	KNIVES	WEDGE	SCREW	SPURE	SCREW
20x30x2	20x15x10	M8x20G	7.5x12x1.5	11x8x6	M5x16G	14x14x2	M5x3C-M5x5C
PRICE	2770	616	77	154	462	77	123



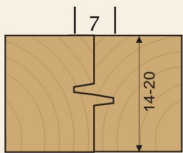
Cutter Head For Glue Joint - TTR-GJ.35



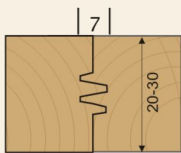
Use On:Spindle moulder Machines

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTR.GJ.35.1450	125	30/35	14-50	3	26155
TTR.GJ.35.2050	125	30/35	20-50	3	26155
TTR.GJ.35.3050	125	30/35	30-50	3	26155
TTR.GJ.35.4050	125	30/35	40-50	3	26155

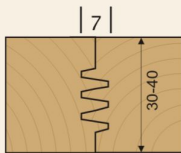
Spares:



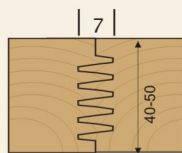
TTR.GJ.35.1420



TTR.GJ.35.2050



TTR.GJ.35.3050



TTR.GJ.35.4050

PRICE

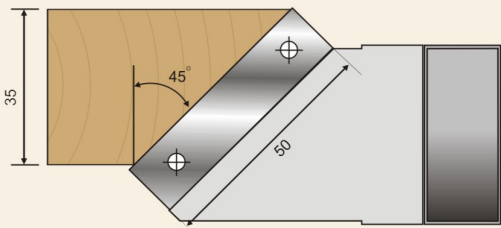
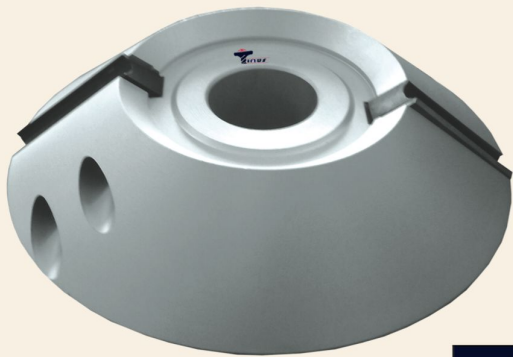
PRICE

PRICE

PRICE

KNIVES	WEDGE	SCREW
50x20x2	12x10x48	M6x20G
4924	539	77
50x20x2	12x10x48	M6x20G
4924	539	77
50x20x2	12x10x48	M6x20G
4924	539	77
50x20x2	12x10x48	M6x20G
4924	539	77

45 Degree Chamfer Cutter Head - TTR-CC.36



Use On:Spindle moulder Machines

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTR.GJ.35.1450	125	30/35	14-50	3	26155

Spares:

KNIVES	PRICE	WEDGE	PRICE	SCREW	PRICE
50x12x1.5	262	46x11x10	462	M6x20G	77

Cutter Head Set For Tenoning - TTR -TN.37



Use On: Tenoning Machines

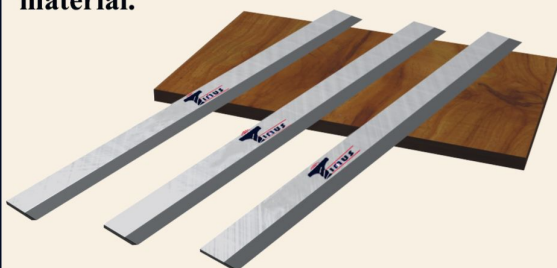
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK (mm)	Z	PRICE
TTR.TN.37.101	150	25.40	25	8+4	46155

SPARES :

WEDGE	PRICE	SCREW	PRICE
14x14x2	138	M5x10C	77

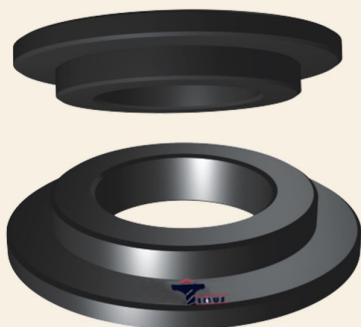
T.C.T Brazed Planner Cutter -TTR-PB.38

Application: Classic and efficient blade used for planers, tungsten carbide tipped brazed blade, Planing purpose specially for hard wood, soft wood & wood composite material.



ORDER NO.	LENGTH	WIDTH (mm)	THICK (mm)	T.C.T INLAY(mm)	PRICE
TTR.PB.38.101	130	30	3	10	923
TTR.PB.38.102	150	30	3	10	1015
TTR.PB.38.103	230	30	3	10	1246
TTR.PB.38.104	255	30	3	10	1385
TTR.PB.38.105	305	30	3	10	1662
TTR.PB.38.106	330	30	3	10	1800
TTR.PB.38.107	410	30	3	10	2077
TTR.PB.38.108	455	30	3	10	2492
TTR.PB.38.109	510	30	3	10	2769
TTR.PB.38.110	610	30	3	10	3323
TTR.PB.38.111	810	30	3	10	
TTR.PB.38.112	260	30	3	10	1539
TTR.PB.38.113	305	30	3	10	1846
TTR.PB.38.114	330	30	3	10	2000

Bore Reducer Ring - TT-BR.39



ORDER NO.	DESCRIPTION	DIA (mm)	BORE	PRICE
TT.BR.403500	Pair of Bore Reducer	40	35	1385
TT.BR.403175	Pair of Bore Reducer	40	31.75	1385
TT.BR.403000	Pair of Bore Reducer	40	30	1385
TT.BR.353175	Pair of Bore Reducer	35	31.75	1385
TT.BR.353000	Pair of Bore Reducer	35	30	1385
TT.BR.352540	Pair of Bore Reducer	35	25.40	1385
TT.BR.302540	Pair of Bore Reducer	30	25.40	1385
TT.BR.301905	Pair of Bore Reducer	30	19.05	1385

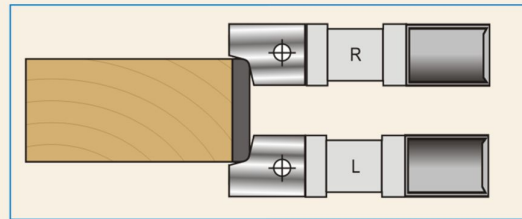
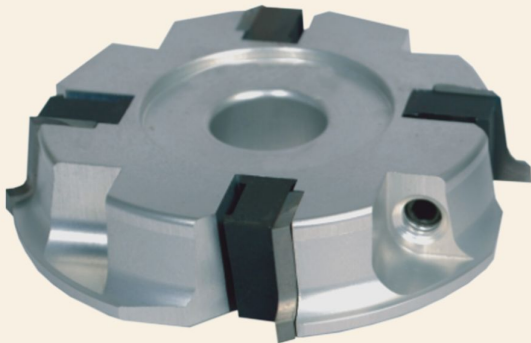


T.C.T Replaceable Edge Round Trimming Cutter - TTR-TC.101

Application: For Smoothing and Profiling of edges.

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.

Use On: Edge Bander Machine (Through Feed Machine))



ORDER NO :RH	ORDER NO: LH	DIA (mm)	RADIUS	BORE	Z
TTR.TCR.101.1.13	TTR.TCL.101.1.3	75	1.3	16	4
PRICE- 6923	PRICE-6923				
TTR.TCR.101.1.5	TTR.TCL.101.1.5	75	1.5	16	4
PRICE- 6923	PRICE-6923				
TTR.TCR.101.2.0	TTR.TCL.101.2.0	75	2.0	16	4
PRICE-6923	PRICE 6923				
TTR.TCR.101.2.5	TTR.TCL.101.2.5	75	2.5	16	4
PRICE-6923	PRICE-6923				
TTR.TCR.101.3.0	TTR.TCL.101.3.0	75	3.0	16	4
4PRICE-6923	PRICE-6923				

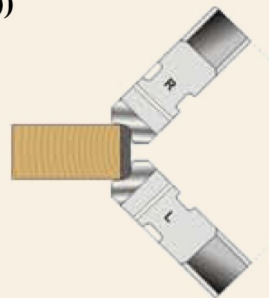
ORDER- NO	KNIFE	WEDGE	SCREW
TTR-WG.01.101	15X15X2	15X15X7	M6X15G
PRICE	1231	462	77
TTR-WG.01.102	15X15X2	15X12X7	M6X15G
PRICE	1231	462	77
TTR-WG.01.103	15X15X2	15X12X7	M6X15G
PRICE	1231	462	77
TTR-WG.01.104	15X15X2	15X12X7	M6X15G
PRICE	1231	462	77
TTR-WG.01.105	15X15X2	15X12X7	M6X15G
PRICE	1231	462	77

T.C.T Replaceable Edge Round Trimming Cutter - TTR-TC.102

Application: For Smoothing and Profiling of edges.

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.

Use On: Edge Bander Machine (Through Feed Machine))



ORDER NO :RH	ORDER NO: LH	DIA (mm)	RADIUS	BORE	Z
TTR.TCR.102.1.3	TTR.TCL.102.1.3	69	1.3	16	4
PRICE- 8462	PRICE-8462				
TTR.TCR.102.1.5	TTR.TCL.102.1.5	69	1.5	16	4
PRICE- 8462	PRICE-8462				
TTR.TCR.102.2.0	TTR.TCL.102.2.0	69	2.0	16	4
PRICE-8462	PRICE 8462				
TTR.TCR.102.2.5	TTR.TCL.102.2.5	69	2.5	16	4
PRICE-8462	PRICE-8462				
TTR.TCR.102.3.0	TTR.TCL.102.3.0	69	3.0	16	4
PRICE-8462	PRICE-8432				

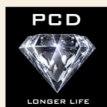
ORDER- NO	KNIFE	WEDGE	SCREW
TTR-WG.02.101	16X13X2	13X11X8	M6X15G
PRICE	1231	462	77
TTR-WG.02.102	16X13X2	16X11X8	M6X15G
PRICE	1231	462	77
TTR-WG.02.103	16X13X2	13X11X8	M6X15G
PRICE	1231	462	77
TTR-WG.02.104	16X13X2	13X11X8	M6X15G
PRICE	1231	462	77
TTR-WG.02.105	16X13X2	13X11X2	M6X15G
PRICE	1231	462	77

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.103

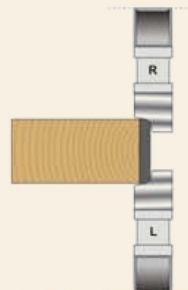
Application: For Smoothing and Profiling of edges.

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.

Use On: Edge Bander Machine (Through Feed Machine))



Also available in PCD



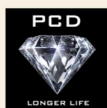
ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.103.1.3	4616	TTB.TCL.103.1.3	4616	48	1.3	9	16	6
TTB.TCR.103.1.5	4616	TTB.TCL.103.1.5	4616	48	1.5	9	16	6
TTB.TCR.103.2.0	4616	TTB.TCL.103.2.0	4616	48	2.0	9	16	6
TTB.TCR.103.2.5	4616	TTB.TCL.103.2.5	4616	48	2.5	9	16	6
TTB.TCR.103.3.0	4616	TTB.TCL.103.3.0	4616	48	3.0	9	16	6

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.104

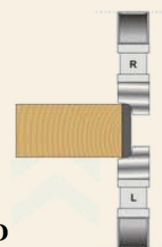
Application: For Smoothing and Profiling of edges.

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.

Use On: Edge Bander Machine (Through Feed Machine))



Also available in PCD

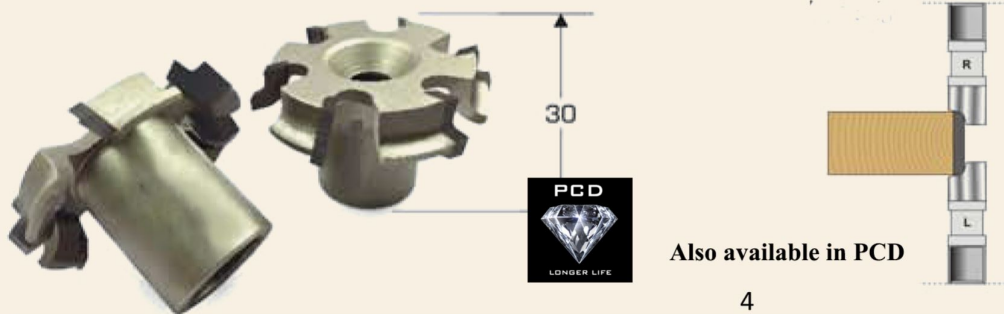


ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.104.1.3	5385	TTB.TCL.104.1.3	5385	68	1.3	12	16	6
TTB.TCR.104.1.5	5385	TTB.TCL.104.1.5	5385	68	1.5	12	16	6
TTB.TCR.104.2.0	5385	TTB.TCL.104.2.0	5385	68	2.0	12	16	6
TTB.TCR.104.2.5	5385	TTB.TCL.104.2.5	5385	68	2.5	12	16	6
TTB.TCR.104.3.0	5385	TTB.TCL.104.3.0	5385	68	3.0	12	16	6

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.105

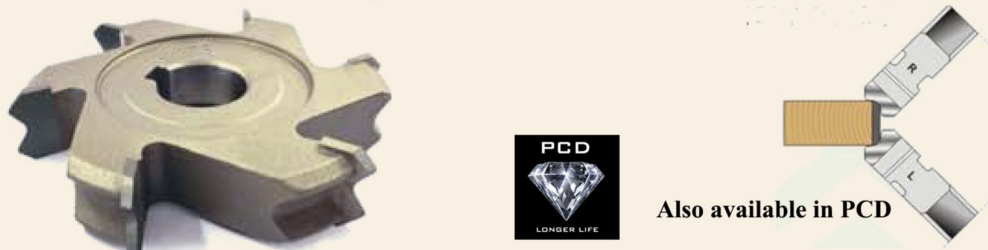
Application: For Smoothing and Profiling of edges. **Use On:** Edge Bander Machine (Through Feed Machine)

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.



ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.105.1.3	4308	TTB.TCL.105.1.3	4308	48	1.3	9	16	6
TTB.TCR.105.1.5	4308	TTB.TCL.105.1.5	4308	48	1.5	9	16	6
TTB.TCR.105.2.0	4308	TTB.TCL.105.2.0	4308	48	2.0	9	16	6
TTB.TCR.105.2.5	4308	TTB.TCL.105.2.5	4308	48	2.5	9	16	6
TTB.TCR.105.3.0	4308	TTB.TCL.105.3.0	4308	48	3.0	9	16	6

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.106



ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.106.1.3	4308	TTB.TCL.106.1.3	4308	68	1.3	12	16	6
TTB.TCR.106.1.5	4308	TTB.TCL.106.1.5	4308	68	1.5	12	16	6
TTB.TCR.106.2.0	4308	TTB.TCL.106.2.0	4308	68	2.0	12	16	6
TTB.TCR.106.2.5	4308	TTB.TCL.106.2.5	4308	68	2.5	12	16	6
TTB.TCR.106.3.0	4308	TTB.TCL.106.3.0	4308	68	3.0	12	16	6

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.107



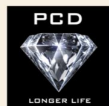
ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE
TTB.TCR.107.1.3	4308	TTB.TCL.107.1.3	4308	68	1.3	20	16
TTB.TCR.107.1.5	4308	TTB.TCL.107.1.5	4308	68	1.5	20	16
TTB.TCR.107.2.0	4308	TTB.TCL.107.2.0	4308	68	2.0	20	16
TTB.TCR.107.2.5	4308	TTB.TCL.107.2.5	4308	68	2.5	20	16
TTB.TCR.107.3.0	4308	TTB.TCL.107.3.0	4308	68	3.0	20	16

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.108

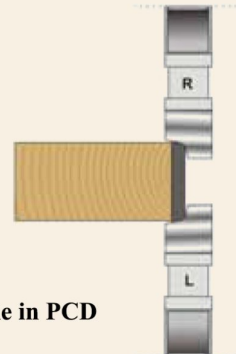
Application: For Smoothing and Profiling of edges.

Use On: Edge Bander Machine (Through Feed Machine))

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.



Also available in PCD



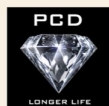
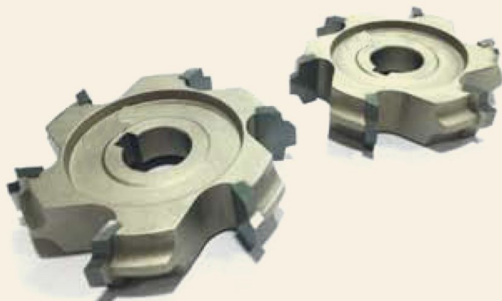
ORDER NO :RH	PRICE	ORDER NO: LH	PRIC E	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.108.1.3.58	3692	TTB.TCL.108.1.3.58	3692	58	1.3	8	16	6
TTB.TCR.108.1.5.58	3962	TTB.TCL.108.1.5.58	3692	58	1.5	8	16	6
TTB.TCR.108.2.0.58	3692	TTB.TCL.108.2.0.58	3692	58	2.0	8	16	6
TTB.TCR.108.1.3.68	3692	TTB.TCL.108.1.3.68	3692	68	1.3	8	16	6
TTB.TCR.108.1.5.68	3692	TTB.TCL.108.1.5.68	3692	68	1.5	8	16	6
TTB.TCL.108.2.0.68	3692	TTB.TCL.108.2.0.68	3692	68	2.0	8	16	6
TTBTCL.108.1.3.78	3692	TTB,TCL,108.1,3.78	3692	78	1.3	10	16	6
TTB.TCL.108.1.5.78	3692	TTB.TCL.108.1.5.78	3692	78	1.5	10	16	6
TTB.TCL.108.2.0.78	3692	TTB.TCL.108.2.0.78	3692	78	2.0	10	16	6

T.C.T Brazed Edge Round Trimming Cutter - TTR-TC.109

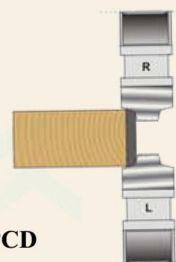
Application: For Smoothing and Profiling of edges.

Use On: Edge Bander Machine (Through Feed Machine))

Material: All type of edge banding materials ,PVC PP, ,ABS, Melamine, Veneer & Solid Wood.



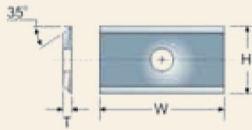
Also available in PCD



ORDER NO :RH	PRICE	ORDER NO: LH	PRICE	DIA (mm)	RADIUS	THICK (mm)	BORE	Z
TTB.TCR.109.1.3	4308	TTB.TCL.109.1.3	4308	68	1.3	16	16	6
TTB.TCR.109.1.5	4308	TTB.TCL.109.1.5	4308	68	1.5	16	16	6
TTB.TCR.109.2.0	4308	TTB.TCL.109.2.0	4308	68	2.0	16	16	6
TTB.TCR.109.2.5	4308	TTB.TCL.109.2.5	4308	68	2.5	16	16	6
TTB.TCR.109.3.0	4308	TTB.TCL.109.3.0	4308	68	3.0	16	16	6

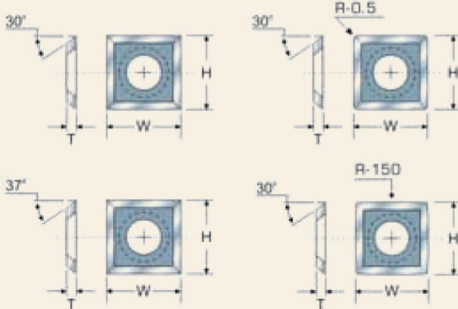
T.C.T Replaceable Standard Knives

Standard Replaceable Knives 2 Cutting edge.



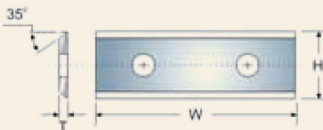
CODE	GRADE	W	H	T	ANGLE	Z	PRICE
106822-TT	TO4MG-CR	7.5	12	1.5	35°	Z2	169
106823-TT	TO4MG-CR	9.6	12	1.5	35°	Z2	185
106835-TT	TO4MG-CR	12	12	1.5	35°	Z2	246
106824-TT	TO4MG-CR	15	12	1.5	35°	Z2	246
104796-TT	TO4MG-CR	20	12	1.5	35°	Z2	192

Standard Replaceable Knives 4 Cutting edge.



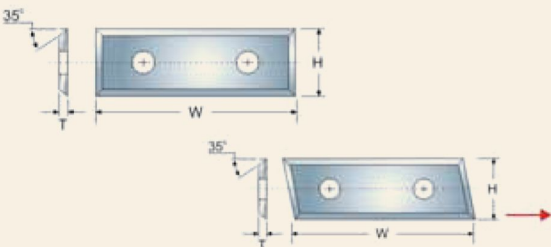
CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013295-TT	TO8MF	14	14	1.2	30°	Z4	262
014028-TT	T10MG	14	14	2.0	30°	Z4	138
104118-TT	T10MG	15	15	2.5	R-0.5/30°	Z4	208
013315-TT	T10MG	15	15	2.5	30°	Z4	200
109384-TT	T10MG	15	15	2.5	37°	Z4	231
101540-TT	T10MG	15	15	2.5	R-150/30°	Z4	285

Standard Replaceable Knives 2 Cutting edge.



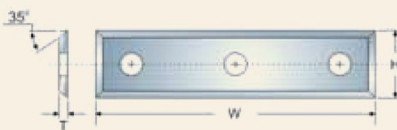
CODE	GRADE	W	H	T	ANGLE	Z	PRICE
104795-TT	TO4MG-CR	30	12	1.5	35°	Z2	200
054259-TT	TO4MG-CR	30	12	2.5	35°	Z2	331
106829-TT	TO4MG-CR	50	12	1.5	35°	Z2	262
106830-TT	TO4MG-CR	60	12	1.5	35°	Z2	415

Standard Replaceable Knives 4 Cutting edge.



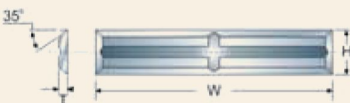
CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013504-TT	TO4F-CR	29.5	9	1.5	35°	Z4	338
013507-TT	TO4F-CR	29.5	12	2.5	35°	Z4	262
013517-TT	TO4F-CR	49.5	9	1.5	35°	Z4	400
013520-TT	TO4F-CR	49.8	12	1.5	35°	Z4	323
017047-TT	TO4F-CR	48	12	1.5	35°	Z4	508

Standard Replaceable Knives 4 Cutting edge.



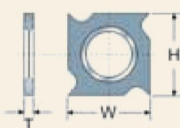
CODE	GRADE	W	H	T	ANGLE	Z	PRICE
105980-TT	TO4MG-CR	50	12	1.7	35°	Z4	415

Standard Replaceable Knives 4 Cutting edge.



CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013403-TT	TO4F-CR	20	4.1	1.1	35°	Z4	292
013394-TT	TO4F-CR	20	5.5	1.1	35°	Z4	292
013397-TT	TO4F-CR	30	5.5	1.1	35°	Z4	292
013399-TT	TO4F-CR	40	5.5	1.1	35°	Z4	400
013401-TT	TO4F-CR	50	5.5	1.1	35°	Z4	362

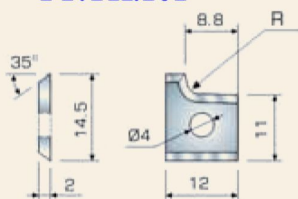
Standard Replaceable Knives 4 Cutting edge.



CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013293-TT	TO8MF	18	18	1.95	35°	Z4	492
013291-TT	TO8MF	18	18	2.45	35°	Z4	654
013305-TT	TO8MF	18	18	2.95	35°	Z4	969

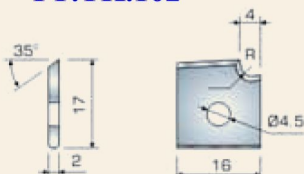
T.C.T Replaceable Trimming knives For Edge Rounding

TT.TK.101



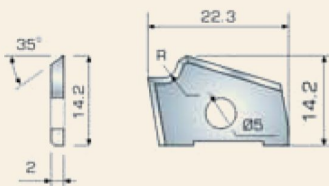
CODE – RH	PRICE	CODE-LH	PRICE	W	H	R
TT.TK.101.10.RH	1231	TT.TK.101.10.LH	1231	12	14.5	1
TT.TK.101.13.RH	1231	TT.TK.101.13.LH	1231	12	14.5	1.3
TT.TK.101.15.RH	1231	TT.TK.101.15.LH	1231	12	14.5	1.5
TT.TK.101.20.RH	1231	TT.TK.101.15.LH	1231	12	14.5	2
TT.TK.101.25.RH	1231	TT.TK.101.25.LH	1231	12	14.5	2.5
TT.TK.101.30.RH	1231	TT.TL.101.30.LH	1231	12	14.5	3

TT.TK.102



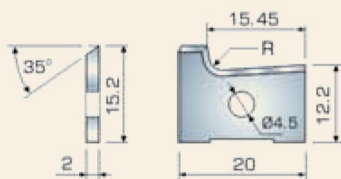
CODE – RH	PRICE	CODE-LH	PRICE	W	H	R
TT.TK.102.10.RH	1385	TT.TK.102.10.LH	1385	16	17	1
TT.TK.102.13.RH	1385	TT.TK.102.13.LH	1385	16	17	1.3
TT.TK.102.15.RH	1385	TT.TK.102.15.LH	1385	16	17	1.5
TT.TK.102.20.RH	1385	TT.TK.102.15.LH	1385	16	17	2
TT.TK.102.25.RH	1385	TT.TK.102.25.LH	1385	16	17	2.5
TT.TK.102.30.RH	1385	TT.TL.102.30.LH	1385	16	17	3

TT.TK.103



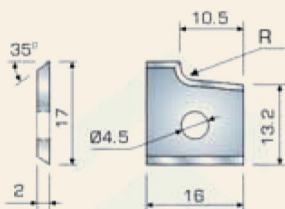
CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.103.10.RH	2154	TT.TK.103.10.LH	2154	22.3	14.2	1
TT.TK.103.13.RH	2154	TT.TK.103.13.LH	2154	22.3	14.2	1.3
TT.TK.103.15.RH	2154	TT.TK.103.15.LH	2154	22.3	14.2	1.5
TT.TK.103.20.RH	2154	TT.TK.103.15.LH	2154	22.3	14.2	2
TT.TK.103.25.RH	2154	TT.TK.103.25.LH	2154	22.3	14.2	2.5
TT.TK.103.30.RH	2154	TT.TL.103.30.LH	2154	22.3	14.2	3

TT.TK.104



CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.104.10.RH	1385	TT.TK.104.10.LH	1385	20	15.2	1
TT.TK.104.13.RH	1385	TT.TK.104.13.LH	1385	20	15.2	1.3
TT.TK.104.15.RH	1385	TT.TK.104.15.LH	1385	20	15.2	1.5
TT.TK.104.20.RH	1385	TT.TK.104.15.LH	1385	20	15.2	2
TT.TK.104.25.RH	1385	TT.TK.104.25.LH	1385	20	15.2	2.5
TT.TK.104.30.RH	1385	TT.TL.104.30.LH	1385	20	15.2	3

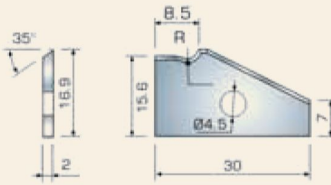
TT.TK.105



CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.105.10.RH	1385	TT.TK.105.10.LH	1385	16	17	1
TT.TK.105.13.RH	1385	TT.TK.105.13.LH	1385	16	17	1.3
TT.TK.105.15.RH	1385	TT.TK.105.15.LH	1385	16	17	1.5
TT.TK.105.20.RH	1385	TT.TK.105.15.LH	1385	16	17	2
TT.TK.105.25.RH	1385	TT.TK.105.25.LH	1385	16	17	2.5
TT.TK.105.30.RH	1385	TT.TL.105.30.LH	1385	16	17	3

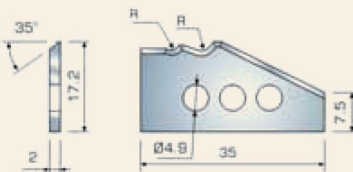
T.C.T Replaceable Trimming Knives For Edge Rounding

TT.TK.106



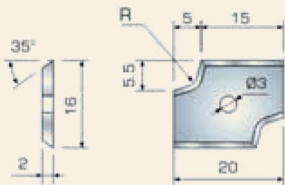
CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.106.10.RH	2270	TT.TK.106.10.LH	2270	30	16.9	1
TT.TK.106.13.RH	2270	TT.TK.106.13.LH	2270	30	16.9	1.3
TT.TK.106.15.RH	2270	TT.TK.106.15.LH	2270	30	16.9	1.5
TT.TK.106.20.RH	2270	TT.TK.106.15.LH	2270	30	16.9	2
TT.TK.106.25.RH	2270	TT.TK.106.25.LH	2270	30	16.9	2.5
TT.TK.106.30.RH	2270	TT.TL.106.30.LH	2270	30	16.9	3

TT.TK.107



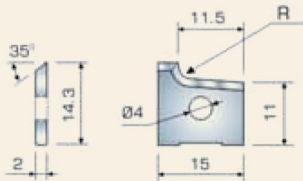
CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.107.10.RH	3077	TT.TK.107.10.LH	3077	35	17.2	1-1.5
TT.TK.107.13.RH	3077	TT.TK.107.13.LH	3077	35	17.2	1-2
TT.TK.107.15.RH	3077	TT.TK.107.15.LH	3077	35	17.2	1.3-2
TT.TK.107.20.RH	3077	TT.TK.107.15.LH	3077	35	17.2	1.3-1.5
TT.TK.107.25.RH	3077	TT.TK.107.25.LH	3077	35	17.2	1.3-2.5
TT.TK.107.30.RH	3077	TT.TL.107.30.LH	3077	35	17.2	1.3-3

TT.TK.108



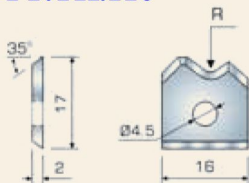
CODE – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.108.10.RH	2154	TT.TK.108.10.LH	2154	20	16	1
TT.TK.108.13.RH	2154	TT.TK.108.13.LH	2154	20	16	1.3
TT.TK.108.15.RH	2154	TT.TK.108.15.LH	2154	20	16	1.5
TT.TK.108.20.RH	2154	TT.TK.108.15.LH	2154	20	16	2
TT.TK.108.25.RH	2154	TT.TK.108.25.LH	2154	20	16	2.5
TT.TK.108.30.RH	2154	TT.TL.108.30.LH	2154	20	16	3

TT.TK.109



ODER – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.109.10.RH	1231	TT.TK.109.10.LH	1231	15	14.3	1
TT.TK.109.13.RH	1231	TT.TK.109.13.LH	1231	15	14.3	1.3
TT.TK.109.15.RH	1231	TT.TK.109.15.LH	1231	15	14.3	1.5
TT.TK.109.20.RH	1231	TT.TK.109.15.LH	1231	15	14.3	2
TT.TK.109.25.RH	1231	TT.TK.109.25.LH	1231	15	14.3	2.5
TT.TK.109.30.RH	1231	TT.TL.109.30.LH	1231	15	14.3	3

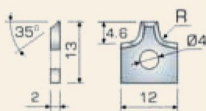
TT.TK.110



ODER – RH	PRICE	CCODE-LH	PRICE	W	H	R
TT.TK.110.10.RH	1231	TT.TK.110.10.LH	1231	16	17	1
TT.TK.110.13.RH	1231	TT.TK.110.13.LH	1231	16	17	1.3
TT.TK.110.15.RH	1231	TT.TK.110.15.LH	1231	16	17	1.5
TT.TK.110.20.RH	1231	TT.TK.110.15.LH	1231	16	17	2
TT.TK.110.25.RH	1231	TT.TK.110.25.LH	1231	16	17	2.5
TT.TK.110.30.RH	1231	TT.TL.110.30.LH	1231	16	17	3

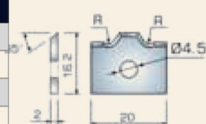
T.C.T Replaceable Trimming knives For Edge Rounding

TT.TK.111



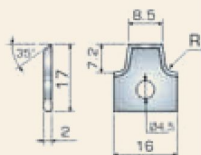
CODE	W	H	R	PRICE
TT.TK.111.10	12	13	1	1385
TT.TK.111.13	12	13	1.3	1385
TT.TK.111.15	12	13	1.5	1385
TT.TK.111.20	12	13	2	1385
TT.TK.111.25	12	13	2.5	1385
TT.TK.111.30	12	13	3	1385

TT.TK.112



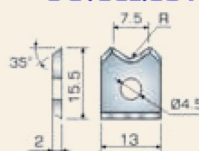
CODE	W	H	R	PRICE
TT.TK.112.10	20	16.2	1	1385
TT.TK.112.13	20	16.2	1.3	1385
TT.TK.112.15	20	16.2	1.5	1385
TT.TK.112.20	20	16.2	2	1385
TT.TK.112.25	20	16.2	2.5	1385
TT.TK.112.30	20	16.2	3	1385

TT.TK.113



CODE	W	H	R	PRICE
TT.TK.113.10	16	17	1	1385
TT.TK.113.13	16	17	1.3	1385
TT.TK.113.15	16	17	1.5	1385
TT.TK.113.20	16	17	2	1385
TT.TK.113.25	16	17	2.5	1385
TT.TK.113.30	16	17	3	1385

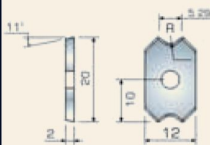
TT.TK.114



CODE - RH	W	H	R	PRICE
TT.TK.114.10	13	15.5	1	1231
TT.TK.114.13	13	15.5	1.3	1231
TT.TK.114.15	13	15.5	1.5	1231
TT.TK.114.20	13	15.5	2	1231
TT.TK.114.25	13	15.5	2.5	1231
TT.TK.114.30	13	15.5	3	1231

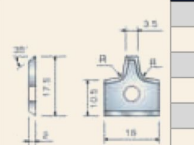
T.C.T Replaceable Scraper unit knives

TT.TK.115



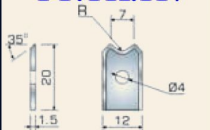
CODE - RH	W	H	R	PRICE
TT.TK.115.10	12	20	1	1231
TT.TK.115.13	12	20	1.3	1231
TT.TK.115.15	12	20	1.5	1231
TT.TK.115.20	12	20	2	1231
TT.TK.115.25	12	20	2.5	1231
TT.TK.115.30	12	20	3	1231

TT.TK.116



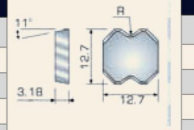
CODE	W	H	R	PRICE
TT.TK.116.10	16	17.5	1	1385
TT.TK.116.13	16	17.5	1.3	1385
TT.TK.116.15	16	17.5	1.5	1385
TT.TK.116.20	16	17.5	2	1385
TT.TK.116.25	16	17.5	2.5	1385
TT.TK.116.30	16	17.5	3	1385

TT.TK.117

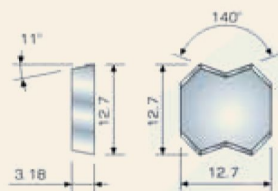


CODE - RH	W	H	R	PRICE
TT.TK.117.10	12	20	1	1231
TT.TK.117.13	12	20	1.3	1231
TT.TK.117.15	12	20	1.5	1231
TT.TK.117.20	12	20	2	1231
TT.TK.117.25	12	20	2.5	1231
TT.TK.117.30	12	20	3	1231

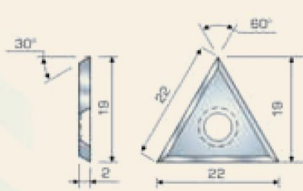
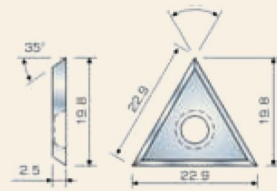
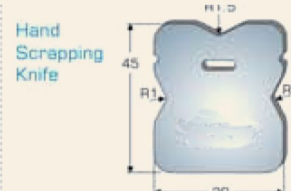
TT.TK.118



CODE - RH	W	H	R	PRICE
TT.TK.118.10	12.7	12.7	1	1077
TT.TK.118.13	12.7	12.7	1.3	1077
TT.TK.118.15	12.7	12.7	1.5	1077
TT.TK.118.20	12.7	12.7	2	1077
TT.TK.118.25	12.7	12.7	2.5	1077
TT.TK.118.30	12.7	12.7	3	1077



PRICE : 1077/-

Glue Scraper
PRICE : 1231/-Glue Scraper
PRICE : 1231/-Hand Scrapping Knife
PRICE : 3077/-

HSK Chuck for DIN6388 (EOC25) Precision Collet**TTD.200.320**

For Homag, Eima, from 9/94, Dubus, Weeks, Biesse, SCM, Mornidelli, & Masterwood Machines.

ORDER NO.: RH	DESCRIPTION	S(TAPER)	PRICE
TTD.200.320.05	HSK chuck without bearing nut	HSK-63F	18462
TTD.200.320.05B	HSK chuck with bearing nut	HSK-63F	18462

To be used with "DIN6388" (EOC-25) precision collets.

*Suitable For Left Hand Rotation too.

**CLAMPING NUTS****TTD 992.283**

ORDER NO.: RH	DESCRIPTION	PRICE
TTD.992.283.01	chuck without bearing nut	7385
TTD.992.283.10	chuck with bearing nut	7385

"DIN6388" Precision Collets**TTD.203**

Remark: Special dimensions available on request.

ORDER NO.	D	PRICE
TTD.203.030.00	3	2154
TTD.203.040.00	4	2154
TTD.203.060.00	6	2154
TTD.203.080.00	8	2154
TTD.203.100.00	10	2154
TTD.203.120.00	12	2154
TTD.203.140.00	14	2154
TTD.203.160.00	16	2154
TTD.203.180.00	18	2154
TTD.203.200.00	20	2154
TTD.203.250.00	25	2154

C-SPANNER for "DIN638" & "ER40"**TTD.991.283**

ORDER NO.: RH	DESCRIPTION	PRICE
TTD.99.283.00	C- Spanner for "DIN6388" & "ER40"	4846

**Collets**

ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	PRICE
TT.CH.101	28-25	10	50	2154
TT.CH.102	28-25	12	50	2154
TT.CH.103	28-25	16	50	2154



HSK Chuck for "ER32" Precision Collet

TTD.200.300

For Homag, Eima from 9/94 Dubus, Weeks, biesse, SCM, Mornidelli & Masterwood Machines.

ORDER NO.	ROTATION	DESCRIPTION	TO BE USED WITH COLLET	S(TAPER)	PRICE
TTD.200.300.05	Right hand rotation	clamping nut without bearing	ER 32	HSK-63F	11539
TTD.200.300.06	Left hand rotation	Clamping nut without bearing	ER 32	HSK-63F	11539
TTD200.300.05B	Right & left rotation	Clamping nut with bearing	ER 32	HSK-63F	14616



Spars Nuts:



ORDER NO.	PRICE	DESCRIPTION	ROTATION
992.183.01	4308/-	Clamping nut without bearing	Right hand rotation
992.183.02	4308/-	Clamping nut without bearing	Left hand rotation
992.183.11	6924/-	Clamping nut with bearing	Right & Left rotation

HSK Chuck for "ER40" Precision Collet

TTD.200.300.10

For Homag, Eima from 9/94 Dubus, Weeks, biesse, SCM, Mornidelli & Masterwood Machines.

ORDER NO.	ROTATION	DESCRIPTION	TO BE USED WITH COLLET	S(TAPER)	PRICE
TTD.200.310.05	Right hand rotation	clamping nut without bearing	ER 40	HSK-63F	12308
TTD.200.310.06	Left hand rotation	Clamping nut without bearing	ER 40	HSK-63F	12308
TTD200.310.05B	Right & left rotation	Clamping nut with bearing	ER40	HSK-63F	15077



Spars Nuts:

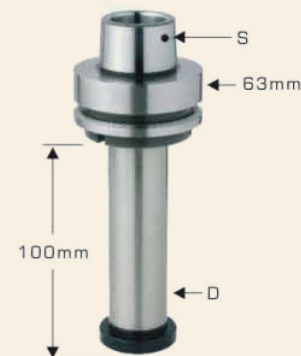


ORDER NO.	PRICE	DESCRIPTION	ROTATION
992.183.01	4308/-	Clamping nut without bearing	Right hand rotation
992.183.02	4308/-	Clamping nut without bearing	Left hand rotation
992.183.11	6924/-	Clamping nut with bearing	Right & Left rotation

Cutter Arbors with HSK & ISO 30 Taperes Shank

TTD.200.360

ORDER NO.: RH	D	S(TAPER)	PRICE
TTD.200.360.00	30	HSK-F63	17693
TTD.200.361.00	35	HSK-F63	19385
TTD.200.362.00	40	HSK-F63	19385
TTD.200.260.00	30	HSK-F63	19385



Chuck ISO 30 tapered Shank with precision collet Er32**TTD 200.200**

To be used with collet ER32

ORDER NO.:RH	PRICE	ORDER NO.:LH	PRICE	S(TAPER)
TTD.200.200.05	11539	TTD.200.200.06	17693	ISO 30

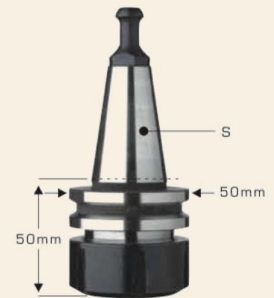
Spars Nuts: ER32

**ORDER NO. PRICE ROTATION**

993.183.01 4308/- Right Hand Rotation

993.183.02 4308/- Left Hand Rotation

Spars Retaining Stud:

D-12 mm/ d-8mm**ORDER NO.: TTD.995.200-RH****ORDER NO.: TTD.995.200-LH****Chuck ISO 30 Tapered Shank with Precision Collet Er40****TTD.200.201**

To be used with collet- ER40

**ORDER NO. PRICE ROTATION**

993.183.01 4308/- Right Hand Rotation

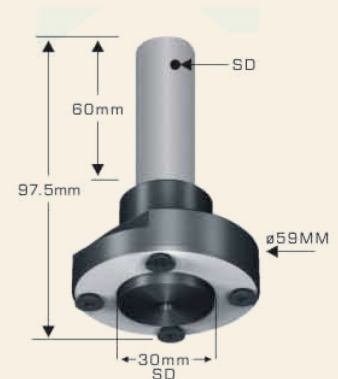
993.183.02 4308/- left Hand Rotation



Spars Retaining Stud:

D-12 mm/ d-8mm**ORDER NO.: TTD.995.200-RH****ORDER NO.: TTD.995.200-LH****Saw Blade Arbor with Parallel Shank****TTD.200.410**

ORDER NO.	SD	PIN HOLE	OAL	PRICE
TTD.200.410.30	20	4/M6/48	97.5mm	13539

**ISO 30 Retaining Studs**

ORDER NO.	D	d	PRICE
TTD.995.200	8	12	2769
TTD.995.201	9	13	2769
TTD.995.202	9	12.5	2769
TTD.995.250	6.5	8.5	2769

Precision Collet For CNC Router Machining Center- STANDARD

Technical Details: Replacable collet standard ER20, ER 25, ER32, ER40. From internal dia. 3mm to 20mm. Fits more tapered spindle noses. Wide clamping tolerance +0.07mm.

Use On: All CNC Router Machines



ORDER NO.	SD	PRICE
ER20.03	3	538
ER20.04	4	538
ER20.05	5	538
ER20.06	6	538
ER20.08	8	538
ER20.10	10	538
ER20.12	12	538
ER20.13	13	538

ORDER NO.	SD	PRICE
ER25.03	3	538
ER25.04	4	538
ER25.05	5	538
ER25.06	6	538
ER25.08	8	538
ER25.10	10	538
ER25.12	12	538
ER25.13	13	538
ER25.16	16	538

ORDER NO.	SD	PRICE
ER32.03	3	538
ER32.04	4	538
ER32.05	5	538
ER32.06	6	538
ER32.08	8	538
ER32.10	10	538
ER32.12	12	538
ER32.13	13	538
ER32.16	16	538
ER32.18	18	538

ORDER NO.	SD	PRICE
ER40.03	3	1077
ER40.04	4	1077
ER40.05	5	1077
ER40.06	6	1077
ER40.08	8	1077
ER40.10	10	1077
ER40.12	12	1077
ER40.13	13	1077
ER40.16	16	1077
ER40.18	18	1077
ER40.20	20	1077

Precision Collet For CNC Router Machining Center - PREMIUM

ORDER NO.	SD	PRICE
TTD.201.030.20	3	1615
TTD.201.040.20	4	1615
TTD.201.050.20	5	1615
TTD.201.060.20	6	1615
TTD.201.080.20	8	1615
TTD.201.100.20	10	1615
TTD.201.120.20	12	1615

ORDER NO.	SD	PRICE
TTD.201.040.40	4	2000
TTD.201.050.40	5	2000
TTD.201.060.40	6	2000
TTD.201.080.40	8	2000
TTD.201.100.40	10	2000
TTD.201.120.40	12	2000
TTD.201.140.40	14	2000
TTD.201.160.40	16	2000
TTD.201.180.40	18	2000
TTD.201.200.40	20	2000
TTD.201.250.40	25	2000

ORDER NO.	SD	PRICE
TTD.201.030.25	3	1615
TTD.201.040.25	4	1615
TTD.201.050.25	5	1615
TTD.201.060.25	6	1615
TTD.201.080.25	8	1615
TTD.201.100.25	10	1615
TTD.201.120.25	12	1615
TTD.201.140.25	14	1615
TTD.201.160.25	16	1615

ORDER NO.	SD	PRICE
TTD.201.030.32	3	1615
TTD.201.040.32	4	1615
TTD.201.050.32	5	1615
TTD.201.060.32	6	1615
TTD.201.080.32	8	1615
TTD.201.100.32	10	1615
TTD.201.120.32	12	1615
TTD.201.140.32	14	1615
TTD.201.160.32	16	1615
TTD.201.180.32	18	1615
TTD.201.200.32	20	1615

**Clamping Nut
For collets**



ER.20

ORDER NO.: ER20.NUT

PRICE: 769/-

ER.32

ORDER NO.:ER32.NUT

PRICE:769/-

ER.25

ORDER NO.:ER25.NUT

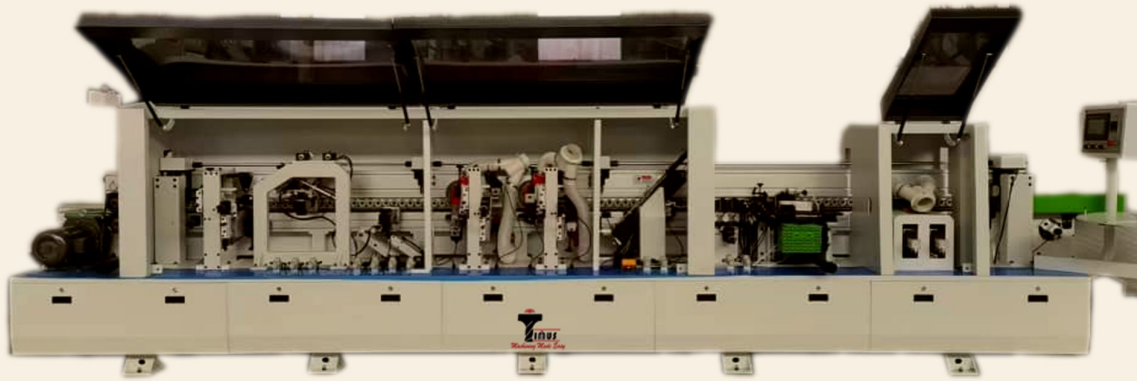
PRICE: 769/-

ER.40

ORDER NO.:ER40.NUT

PRICE:1077/-







Where quality is never compromised. . .

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