rotring

12



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An idea makes history

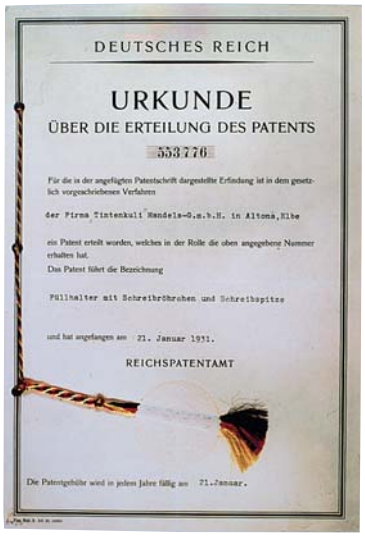
The idea came in 1928 - the perfect writing instrument. One that would write evenly, make carbon copies, and not drip or blot. No small matter in the pre-ballpoint era! The result was an inkpen that used a tube instead of a nib - the rotring Tiku or Inkograph. It became a byword for precision writing.

The Tiku was an innovative solution and since then the meeting of writing and drawing challenges through innovation has become the hallmark of the rotring company

Hence, in 1950 a dialogue with draftsmen and designers gave rise to the idea of further developing the Tiku tubular tip to create the world's first technical pen - the original Rapidograph. It was refillable, created precise sharp-edged lines and had a capillary ink feed that gave a consistently smooth flow of ink. It set the standard, and indeed became synonymous with technical drawing.

Over the years the Rapidograph was followed by many other drawing products. Rotring created an interlinking system for the professional drafter, from compasses and templates to the latest generation of the Rapidograph.

Functionality and technical perfection make rotring drawing instruments symbols for quality and precision. They continue on in the tradition laid down by founder Wilhelm Riepe back in 1928.



DEUTSCHES REICH

URKUNDE

ÜBER DIE ERTEILUNG DES PATENTS

553776

Für die in der angefügten Patentschrift dargestellte Erfindung ist in dem gesetzlich vorgeschriebenen Verfahren

der Firma Tintenkuli Handels-G.m.b.H. in Altona,Elbe

ein Patent erteilt worden, welches in der Rolle die oben angegebene Nummer erhalten hat.

Das Patent führt die Bezeichnung

Füllhalter mit Schreibröhrchen und Schreibspitze

und hat angefangen am 21. Januar 1931.

REICHSPATENTAMT

Die Patentgebühr wird in jedem Jahre fällig am 21.Januar.

The Tiku Patent

Today, rotring drawing instruments can be found wherever individuals actively create their own lifestyles. People who understand the power of their thoughts and visions, and express them.

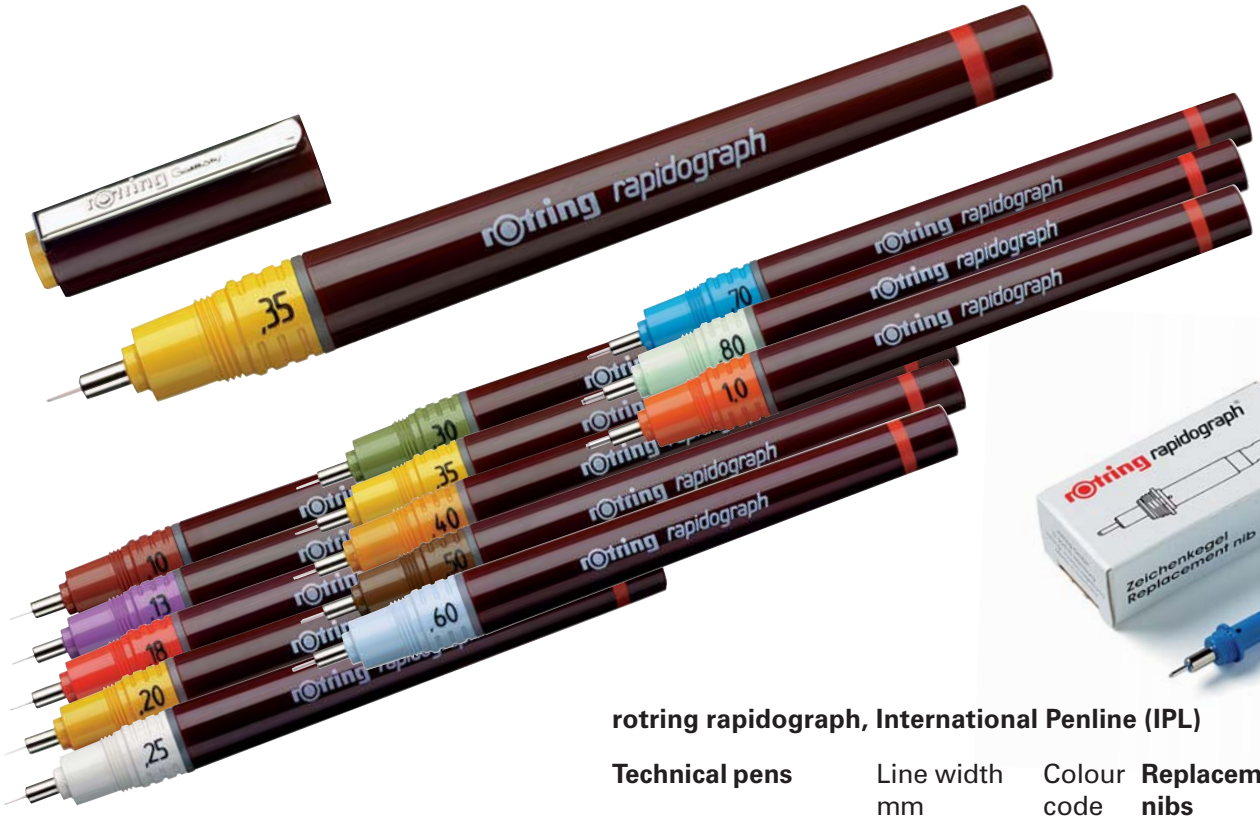


Tikky fine-lead pencil

This need to create, understand, and express is an integral part of the development of every rotring drawing instrument. Today rotring provides a comprehensive system of products offering the optimum solution for every application within technical drawing and design, for professional drafters, students and private individuals alike.

The perfection of technology, ergonomics and design creates a universe that is ideal for drawing, also enhancing the perfect expression of ideas and visions.


rOtring



rotring rapidograph

For tracing paper, vellum drawing paper and lineboard.

The rapidograph uses rotring's unique capillary cartridge. The pressure-equalization system, including ink helix is part of the ink cartridge which ensures that every time you change the cartridge, you get a clean new ink helix. This means that you never need to clean the ink helix and top reliability is guaranteed.

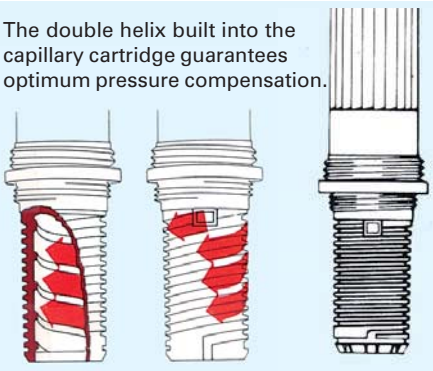
rotring rapidograph, International Penline (IPL)

Technical pens		Line width mm		Colour code	Replacement nibs	
S0203000	(R155010)	0.1			**S0218960**	(R755010)
S0203070	(R155013)	0.13	*		**S0219030**	(R755013)
S0203150	(R155018)	0.18	*		**S0219110**	(R755018)
S0203230	(R155020)	0.2			**S0219200**	(R755020)
S0194270	(R155025)	0.25	*		**S0219270**	(R755025)
S0203430	(R155030)	0.3			**S0219360**	(R755030)
S0194290	(R155035)	0.35	*		**S0219430**	(R755035)
S0203630	(R155040)	0.4			**S0219520**	(R755040)
S0203700	(R155050)	0.5	*		**S0219590**	(R755050)
S0203780	(R155060)	0.6			**S0219670**	(R755060)
S0203850	(R155070)	0.7	*		**S0219740**	(R755070)
S0203930	(R155080)	0.8			**S0219820**	(R755080)
S0204000	(R155100)	1.0	*		**S0219890**	(R755100)

* Line widths for drawing per ISO 128 and DIN 15 and for lettering per ISO 3098/I-DIN 6776.

Drawing tube in 3 mm dia. metal bushing.

The double helix built into the capillary cartridge guarantees optimum pressure compensation.





rotring rapidograph capillary cartridges
(Box of 3)
Product features see page 13.

		Ink Colour
S0215710	(R590503)	red
S0215870	(R590509)	blue
S0194640	(R590517)	black

rapidograph Comfort Sets



rotring rapidograph
Set of 4
S0204440*
(R155743)

	0.25
	0.35
	0.5
	0.7

rotring rapidograph with pen station
The rapidograph work sets with pen stations keep your technical pens ready to draw instantly. Simply place the pen in the pen station with light pressure. The ideal horizontal position and a grip flexible double seal prevent the pen from drying. Individual pen stations can be taken from the set and affixed to table or drawing board with double-sided tape (provided with the work set).

* All sets include compass attachment for 3.5/4 mm dia. and stencilling joint.

Junior Set

Contents: 3 rapidograph pens, 1 Tikky burgundy 0.5, 6 ink cartridges



S0699460 0.1 / 0.2 / 0.3

S0699470 0.2 / 0.3 / 0.5

S0699480 0.25 / 0.35 / 0.5

S0699490 0.2 / 0.4 / 0.6

College Set

Contents: 3 rapidograph pens, 1 Tikky burgundy 0.5, 12 hi-Polymer HB leads, 1 B20 eraser, 6 ink cartridges, 1 compass attachment



S0699500 0.1 / 0.3 / 0.5

S0699510 0.2 / 0.3 / 0.5

S0699520 0.25 / 0.35 / 0.5

S0699540 0.2 / 0.4 / 0.6

College Set (Pen Station)

Contents: 3 rapidograph pens, 1 Tikky burgundy 0.5, 12 hi-Polymer HB leads, 1 B20 eraser, 3 pen stations, 3 ink cartridges, 1 compass attachment



S0699530 0.25 / 0.35 / 0.5

S0699550 0.2 / 0.4 / 0.8

College Set (4 pens)

Contents: 4 rapidograph pens, 12 hi-Polymer HB leads, 1 B20 eraser, 6 ink cartridges, 1 compass attachment



S0699560 0.1 / 0.2 / 0.3 / 0.5

S0699570 0.25 / 0.35 / 0.5 / 0.7



Master Set

Contents: 3 rapidograph pens, 1 Tikky burgundy 0.5, 12 hi-Polymer HB leads, 1 B20 eraser, 6 ink cartridges, 1 Centro compass, 1 compass attachment

S0699590 0.1 / 0.3 / 0.5

S0699600 0.2 / 0.3 / 0.5

S0699610 0.25 / 0.35 / 0.5





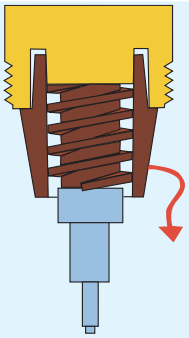
rotring isograph

For tracing paper, vellum drawing paper and lineboard.

The isograph has a refillable ink reservoir. Its innovative push-on sleeve makes for easy access to the ink helix for fast cleaning.

* Line widths for drawing per ISO 128 and DIN 15 and for lettering per ISO 3098/I-DIN 6776.

Drawing tube in 3 mm dia. metal bushing.



The push-on sleeve can be easily removed to facilitate cleaning, even when the ink reservoir is full.

rotring isograph, International Penline (IPL)

Technical pens		Line width mm		Colour code	Replacement nibs	
S0201850	(R151010)	0.1		.10	**S0217870**	(R751010)
S0201910	(R151013)	0.13	*	.13	**S0217940**	(R751013)
S0201990	(R151018)	0.18	*	.18	**S0218020**	(R751018)
S0202070	(R151020)	0.2		.20	**S0218100**	(R751020)
S0202130	(R151025)	0.25	*	.25	**S0218170**	(R751025)
S0202210	(R151030)	0.3		.30	**S0218250**	(R751030)
S0202270	(R151035)	0.35	*	.35	**S0218320**	(R751035)
S0202350	(R151040)	0.4		.40	**S0218400**	(R751040)
S0202410	(R151050)	0.5	*	.50	**S0218460**	(R751050)
S0202490	(R151060)	0.6		.60	**S0218540**	(R751060)
S0202550	(R151070)	0.7	*	.70	**S0218600**	(R751070)
S0202630	(R151080)	0.8		.80	**S0218680**	(R751080)
S0202690	(R151100)	1.0	*	1.0	**S0218740**	(R751100)

Drawing inks for paper

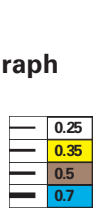
rotring drawing inks in bottles and cartridges (Box of 5).

Product features see page 13.

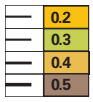
			Ink Colour	
S0216040	(R591003)	23 ml	red	
S0216200	(R591007)	23 ml	green	
S0216280	(R591009)	23 ml	blue	
S0194660	(R591017)	23 ml	black	
S0216550	(R591018)	23 ml	white	
S0216630	(R591217)	250 ml	black	
S0215630	(R590217)	Cartridges	black	



rotring isograph
Sets of 4
S0202940*
(R151973)



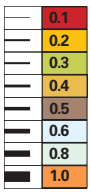
S0226890*
(R151983)







rotring isograph
Sets of 8
S0958760*



rotring isograph with pen stations
The isograph work sets with pen stations keep your technical pens ready to draw instantly. Simply place the pen in the pen station with light pressure. The ideal horizontal position and a flexible double seal prevent the pen from drying.
Individual pen stations can be taken from the set and affixed to table or drawing board with double-sided tape (provided with the work set).

* All sets include compass attachment for 3.5/4 mm dia. and stencilling joint and 23 ml bottle of drawing ink.

isograph Combi Sets



Junior Set

Contents: 3 isograph pens, 1 Tikky burgundy 0.5,
4 ink cartridges

S0699300
0.1
0.2
0.3

S0699310
0.1
0.3
0.5

S0699320
0.2
0.3
0.5

S0699330
0.25
0.35
0.5

S0699340
0.2
0.4
0.6

College Set

Contents: 3 isograph pens, 1 Tikky burgundy 0.5,
12 hi-polymer HB leads, 1 B20 eraser, 1 bottle of ink 23ml,
1 compass attachment

S0699350
0.1
0.2
0.3

S0699360
0.1
0.3
0.5

S0699370
0.2
0.3
0.5

S0699380
0.25
0.35
0.5

S0699390
0.2
0.4
0.6

S0706970
0.2
0.4
0.8

S0699400
0.2
0.35
0.7





Master Set

Contents: 3 isograph pens, 1 Tikky burgundy 0.5,
12 hi-polymer HB leads, 1 B20 eraser, 1 Centro compass,
1 bottle of ink 23ml, 1 compass attachment

S0699410
0.1
0.2
0.3

S0699420
0.1
0.3
0.5

S0699430
0.2
0.3
0.5

S0699440
0.25
0.35
0.5

S0699450
0.2
0.4
0.6

Capillary cartridges for rotring rapidograph

For tracing paper, vellum drawing paper and lineboard. (Box of 3)

Special characteristics:
For tracing paper, vellum drawing paper and lineboard. Easy flowing, high opacity, good adhesion, smudge-proof when dry, not erasable with rotring pencil erasers B20 or B30, lightfast, suitable for all forms of reproduction.

		Ink Colour
S0215710	(R590503)	red
S0215870	(R590509)	blue
S0194640	(R590517)	black



Drawing inks for paper for rotring isograph and Variant (II)

rotring drawing inks in bottles and cartridges (Box of 5)

Special characteristics:
Suitable for tracing paper, vellum, drawing paper and lineboard. Easy-flowing, high opacity, good adhesion. Smudge-proof when dry, not erasable with rotring pencil erasers B20 or B30, lightfast, suitable for all forms of reproduction, coloured inks can be mixed with one another, high colour purity.

			Ink Colour
S0216040	(R591003)	23 ml	red
S0216200	(R591007)	23 ml	green
S0216280	(R591009)	23 ml	blue
S0194660	(R591017)	23 ml	black
S0216550	(R591018)	23 ml	white
S0216630	(R591217)	250 ml	black
S0215630	(R590217)	Cartridges	black



rotring pen cleaning unit for technical pens

For cleaning technical pens overnight. Fill cup half-full with water, add cleaner concentrate, place disassembled pen parts in the basket, and screw shut. Turning the unit over causes the cleaning solution to rinse through the pen parts, for thorough cleaning of even the most stubborn ink residues.

R S0215490 (R585281) with 10 sachets of cleaner concentrate

rotring cleaner concentrate

For cleaning dirty, encrusted technical pens and nibs. Dissolve concentrate in water in the rotring pen cleaning unit. Cleaning time will depend on how dirty the pens are.

S0215340 (R585270) Pack of 10 sachets





rotring cleaning fluid for technical pens

For cleaning drawing instruments used with non-etching drawing inks.

S0215410 (R585280) 100 ml

rapid-eraser B20 / B30

For erasing polymer/graphite pencil lines from all drawing media. The elastic white plastic eraser contains no abrasives, so it will not affect ink lines. It works by rolling up graphite and dirt particles in eraser dust. The erased surface stays clean, with no smears or marks. The dust brushes easily off the media surface.

rapid-eraser B20
S0194570 (R551120A)
(box of 20)

rapid-eraser B30
S0233921 (R551130A)
(box of 30)



rapid-eraser TB20

Combined eraser for pencil and ink lines.
$^{2}/_{3}$ for erasing non-etching drawing ink, $^{1}/_{3}$ for erasing polymer/graphite pencil lines from all drawing media.

S0194611
(R551320A)
(box of 20)





rotring ArtPen

Writing is also an art. Our hectic daily lifestyle often makes us forget this. The rotring ArtPen breathes new life into this art form. Its calligraphy nibs, crafted from the finest stainless steel, turn every piece of writing into a small work of art. This pen is a must for people who also want to put a personal stamp on their written work.





Brillant ink

S0194751	(R598217N)	ArtPen ink, black
S0194681	(R598205N)	royal blue
S0216961	(R598207N)	brown

rotring ArtPen

S0204980	(R250000)	Sketch	EF
S0205070	(R250001)	Sketch	F
S0205160	(R250100)	Lettering	M
S0205250	(R250101)	Lettering	B
S0205340	(R250201)	Calligraphy	1.1
S0205510	(R250203)	Calligraphy	1.5
S0205600	(R250205)	Calligraphy	1.9
S0205690	(R250207)	Calligraphy	2.3
S0205870	(R250292)	Calligraphy-Set	

rotring ArtPen front sections

S0270810	(R251000)	Sketch	EF
S0270820	(R251001)	Sketch	F
S0270830	(R251100)	Lettering	M
S0324620	(R251101)	Lettering	B
S0270850	(R251201)	Calligraphy	1.1
S0270870	(R251203)	Calligraphy	1.5
S0270880	(R251205)	Calligraphy	1.9
S0270890	(R251207)	Calligraphy	2.3



rotring converter

S0227850 (R251300)



Sketch EF



Sketch F



Lettering M



Lettering B



Calligraphy 1.1



Calligraphy 1.5



Calligraphy 1.9



Calligraphy 2.3



rotring rapid PRO

The perfect professional tool for all sketching, writing and drawing applications!

Solid metal, hexagonal barrel shape and the knurled grip underline its technical expertise. Available in satin & shiny chrome plated & matt black powder coated.

2.0 mm pencil
With innovative push mechanism for controlled lead transportation that provides unlimited drawing precision and features a sharpener integrated in the push cap.

Mechanical pencils 0,5 & 0,7 mm
Equipped with a cushion point mechanism and sliding pipe to support a convenient and highly comfortable long writing distance.

Ballpoint pen
Retractable, with document proof giant refill in M, blue.

rotring rapid PRO

S0914520	pencil HB	chrome	0.5 mm
S0914530	pencil HB	chrome	0.7 mm
S0914540	pencil HB	chrome	2.0 mm
S0949330	ballpoint pen	chrome	M
S0949350	pencil HB	black	0.5 mm
S0949360	pencil HB	black	0.7 mm
S0949370	pencil HB	black	2.0 mm
S0949340	ballpoint pen	black	M





rotring 300 clutch pencil

2.0 mm clutch pencil with adjustable lead hardness grade indicator and a sharpener integrated in the push cap. Hexagonal barrel shape and knurled grip - the economical 2.0 mm alternative.

rotring 300, clutch pencil, plastic

S0207300	(R502320)	HB	2.0 mm

rotring leads for clutch pencils, 12 pcs.

S0230351	(R505206N)	2B	2.0 mm
S0230401	(R505207N)	B	2.0 mm
S0230451	(R505208N)	HB	2.0 mm
S0230491	(R505210N)	H	2.0 mm
S0230541	(R505211N)	2H	2.0 mm


rotring
0.5
rotring



Tikky Liner

Smooth & precise writing performance with constant line quality.

Tikky Liner with needlepoint tip in different line width and gel ink technology. Metal pen barrel & cap - satin chrome plated, with an ergonomical waved, transparent grip zone for comfortable writing experience and ink level control.

Precise and functional - perfect for daily writing and drawing use.

Tikky Liner

S0919070	0.3 mm
S0919080	0.5 mm
S0919090	0.7 mm

Tikky Liner Refills

		Colour
S0919110	0.3 mm	gel ink, black
S0919120	0.5 mm	gel ink, black
S0919130	0.7 mm	gel ink, black

Tikky Graphic / Tikky Rollerpoint



rotring Tikky Graphic

A fine fibre-tip pen with non-fading water resistant pigmented ink and a metal-jacketed fibre-tip nib for precise, fine sketching and accurate drawing on straight edges.

Graphic	Ink Colour	Line width
S0814730	black	0.1 mm
S0814740	black	0.2 mm
S0814750	black	0.3 mm
S0814760	black	0.4 mm
S0814770	black	0.5 mm
S0814780	black	0.7 mm
S0814790	black	0.8 mm



rotring Tikky Rollerpoint

A Needlepoint tip pen that combines the advantages of a practical, exact writing and drawing tool with smooth and consistent line performance.

Rollerpoint	Ink Colour	Line width
S0940680	black	EF
S0940710	black	F
S0940690	blue	EF
S0940720	blue	F
S0940700	red	EF
S0940730	red	F

Free Ink – The intelligent solution

Free ink technology is a perfect example of rotring's innovative force.
Our free ink writing instruments have clear advantages: The ink feed module gives a free yet controlled flow of ink from the reservoir onto the paper, eliminating the need for a conventional ink storage plug.
This makes it possible to use 100% of the ink contents, with consistent line quality down to the very last drop.
The ink level window shows the amount of ink left in the reservoir at any time.



Tikky 3 in 1 Multipen

TIKKY 3 in1 Multipen is the ultimate all-round talent! Ergonomical design and convincing functionality through a technically advanced "magic view" mechanism. Easy to use, TIKKY 3 in 1 is a technical and efficient multi-functional tool for all writing , drawing and sketching needs.

Magic View

This highly convenient mechanism turns the multipen optionally into a mechanical pencil, a ballpoint pen to highlight or a ballpoint pen to write. Holding the pen in your hand, just look at the desired mode icon, press the push botton and …… simply write!

Also available as Tikky ballpoint with Jumbo refill.



Tikky 3 in 1

BP blue / BP red / PCL 0.7 mm

S0891150	black
S0891170	white

BP black / BP red / PCL 0.5 mm

S0891160	black
S0891180	white

Tikky Ballpoint

S0770890	white
S0770910	black
S0770920	blue
S0770900	red
S0770930	yellow

Tikky



Tikky

The ergonomic wave-form grip area offers a good hold. With its classic design, the Tikky is the ideal mechanical pencil for school and office. The fixed sleeve offers an unimpeded view of the page, making the Tikky excellent for drawing with a straight-edge or template.

The professional tool in classic black and burgundy. Additional colour coding analogous to ISO 3098 displays the available line widths at a glance: 0.35/0.5/0.7/1.0

Hi-Polymer leads ensure high flexibility and durability while keeping the lead-support tip clean.



Tikky, black barrel with colour-coding

S0770490		0.35 mm
S0770500		0.5 mm
S0770510		0.7 mm
S0770520		1.0 mm
Set of 3		
S0801310		0.35 / 0.5 / 0.7 mm

Tikky, burgundy barrel with colour-coding

S0770450		0.35 mm
S0770460		0.5 mm
S0770470		0.7 mm
S0770480		1.0 mm

Tikky 0.5 mm

S0770530	white
S0770550	black
S0770560	blue
S0770540	red
S0770570	yellow

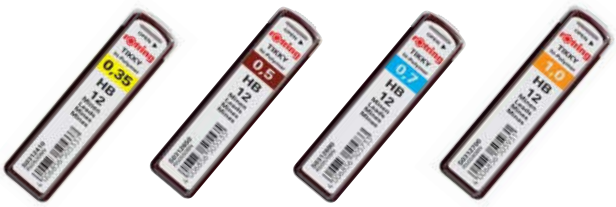


Tikky fine leads

High-polymer fine leads are a solid foundation for you to build on. Their extra-strong formula turns your mechanical pencil into something more than just a refillable pencil.

Tikky fine leads, high-polymer

S0312400	(R505307N)	B	0.35 mm
S0312410	(R505308N)	HB	0.35 mm
S0312630	(R505506N)	2B	0.5 mm
S0312640	(R505507N)	B	0.5 mm
S0312650	(R505508N)	HB	0.5 mm
S0312660	(R505510N)	H	0.5 mm
S0312670	(R505511N)	2H	0.5 mm
S0231230	(R505706N)	2B	0.7 mm
S0312680	(R505707N)	B	0.7 mm
S0312690	(R505708N)	HB	0.7 mm
S0312700	(R505908N)	HB	1.0 mm



Jumbo refills for ballpoints

S0195360	(R074450)	blue
S0195390	(R074456)	black



Tikky erasers

The Tikky erasers can be relied upon to remove pencil and coloured pencil lines without a trace. By using dirt-catching additives and avoiding hard abrasives, they make sure that the media surface always remains clean.

Tikky erasers



Tikky 20	**S0195831**	(R551420A)
Tikky 30	**S0234101**	(R551430A)
Tikky 40	**S0234151**	(R551440A)

Eraser refills for mechanical pencils

S0271220 (R502721)





D1 refills for Tikky 3 in 1

S0891220	blue
S0891230	black
S0891240	red



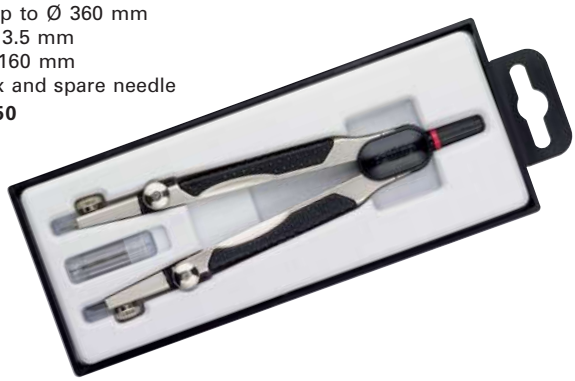
Rapid adjustment compass

Fast and precise radius adjustment
Mobility of the spindle can be fixed by set screw
Both legs with joint
Ergonomic plastic application and handhold depressions
Circles up to Ø 360 mm
Pivot: Ø 4.0 mm
Length: 170 mm
Lead box and spare needle
S0676580



Giant Universal Compass

Fast and smooth radius adjustment
Both legs with joint
Ergonomic plastic applications and handhold depressions
Circles up to Ø 360 mm
Pivot: Ø 3.5 mm
Length: 160 mm
Lead box and spare needle
S0676550



Geometry Compass

Precision radius adjustment through central wheel spindle
Both legs with joint
Ergonomic plastic applications and handhold depressions
Circles up to Ø 360 mm
Pivot: Ø 4.0 mm
Length: 170 mm
Lead box and spare needle
S0676570



Compass Set (6-pieces)

Contents: giant universal compass, stable extension bar, compass attachment with universal holding device, drawing pen, drawing pen holder, lead box and spare needle
Circles up to Ø 520 mm
S0676560





Universal Compass

Fast and smooth radius adjustment
Convenient handhold depressions
Circles up to Ø 320 mm
Pivot: Ø 3.5 mm
Length: 130 mm
Lead box
S0676530



Universal Compass Set

Contents: Universal compass, extension bar, compass attachment with universal holding device and lead box
Circles up to Ø 480 mm
S0676540



Giant bow compass with rapid adjustment

Infinitely variable radius setting through convenient button mechanism
Precision adjustment through central spindle
Both legs with joint
Pivot: Ø 4.0 mm
Length: 170 mm
Lead box and spare needle

S0214470 (R530115) without extension bar
circles up to 400 mm dia.

S0214540 (R530116) with extension bar
circles up to 640 mm dia.

Geometry Compass

Precision radius adjustment with central wheel spindle
Spindle with end stop
Circles up to Ø 250 mm
Length: 160 mm
Lead box and spare needle

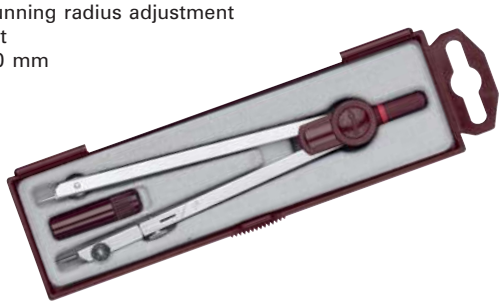
S0233300
(R529130)



Universal Compass

Fast and smooth running radius adjustment
Insert leg with joint
Circles up to Ø 380 mm
Pivot: Ø 3.5 mm
Length: 140 mm
Lead box and spare needle

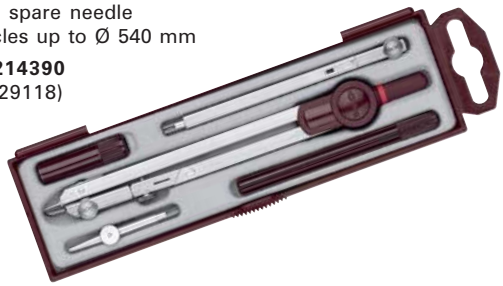
S0214320
(R529117)



Universal Compass Set

Contents: universal compass, extension bar, drawing pen, drawing pen holder, lead box and spare needle
Circles up to Ø 540 mm

S0214390
(R529118)





Compass Set (8 pieces)

Contents: universal compass, extension bar, dividers, small bow compass, bow compass, drawing pen, drawing pen holder, lead box and spare needle
Circles up to Ø 540 mm

S0233410
(R529216)



Compass Set (7 pieces)

Contents: universal compass, extension bar, dividers, small bow compass, drawing pen, drawing pen holder, lead box and spare needle
Circles up to Ø 540 mm

S0233370
(R529215)





Giant bow compass with rapid adjustment and extension bar

Infinitely variable radius adjustment through high-quality button mechanism
Precision fine adjustments through central wheel
Both legs with joint
Circles up to Ø 640 mm
Pivot: Ø 4.0 mm
Length: 170 mm
Lead box and spare needle

S0233800
(R530224)



Giant bow compass with rapid adjustment and pen adaptor

Infinitely variable radius adjustment through high-quality button mechanism
Precision fine adjustments through central wheel
Swivelling pen adaptor with fine lead insert 0.5 mm
Insert leg with joint
Length: 182 mm
Lead box and spare needle

S0233750 with extension bar,
(R530147) circles up to Ø 620 mm

CONVEX



Geometry Compass

Precision radius adjustment through central wheel spindle
Both legs with joint
Pivot: Ø 4.0 mm
Length: 160 mm
Lead box and spare needle

S0233601 (R5301350) without extension bar, circles up to Ø 400 mm
S0233631 (R5301360) with extension bar, circles up to Ø 640 mm





Universal Compass with Telescopic Extension

Quick and smooth running radius adjustment
Convenient integrated extension bar
Insert leg with joint
Circles up to Ø 520 mm
Pivot: Ø 3.5 mm
Length: 150 mm
lead box and spare needle

S0233471
(R5301090)

Compass Set (8 pieces)

Contents: universal compass, small dividing compass, extension bar, dividers, bow compass, drawing pen, drawing pen holder, lead box and spare needle
Circles up to Ø 600 mm
Pivot: Ø 3.5 mm

S0233821
(R5302260)



Dual compass attachment
With stepped peg to fit 3.5 and 4.0 mm dia.
Peg slot adjustable by 90°.
S0322070
(R533345)





Lead inserts with button mechanism
For master bow and pump compasses with pen adaptor.
Brass mechanism in burgundy plastic housing.
S0271530 (R538235) with 0.5 mm lead

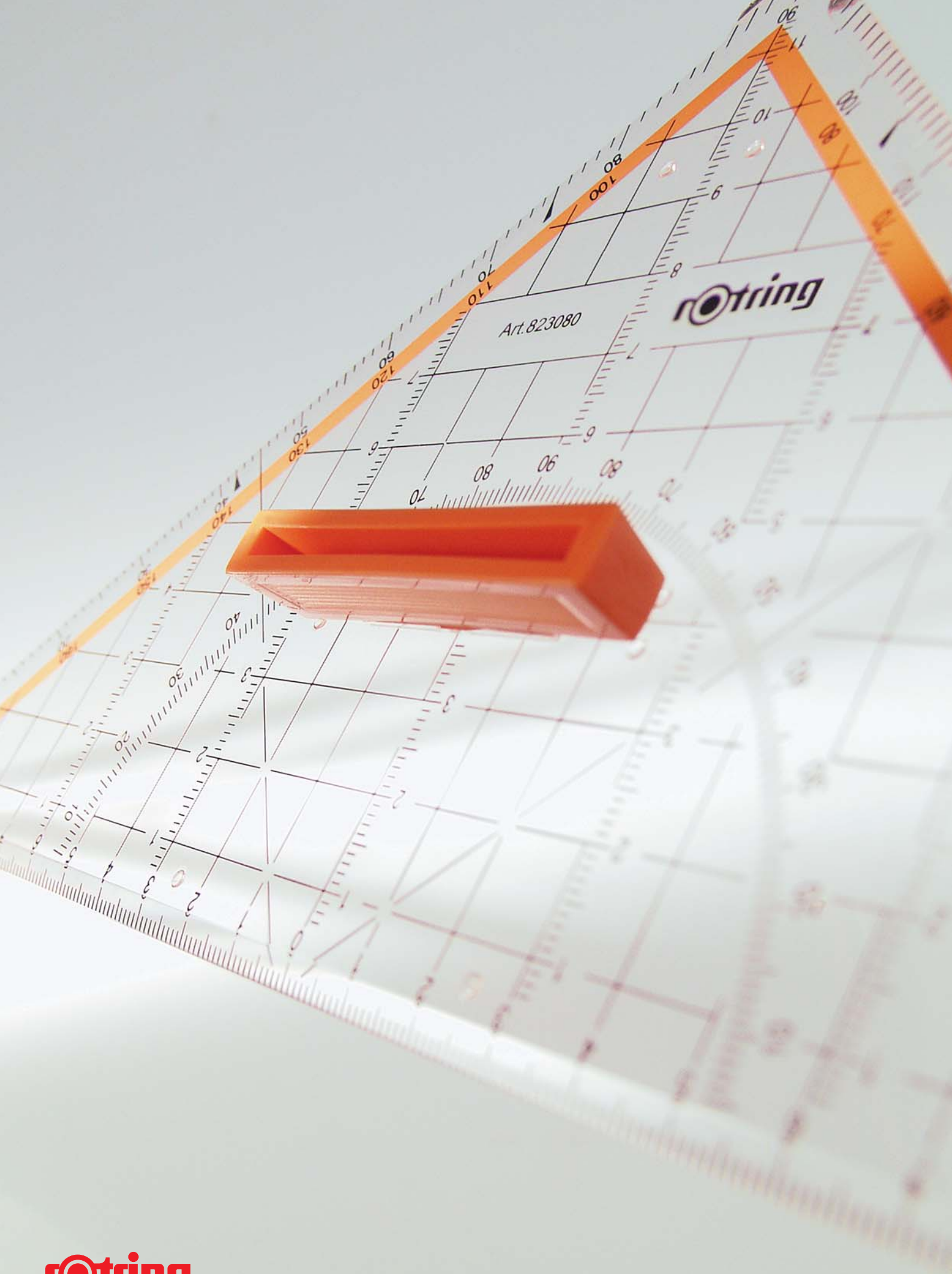


Compass attachment with universal holding device
for CENTRO and CONVEX series
With stepped peg to fit 3.5 mm and 4.0 mm dia.
S0451450 (R5333600)



Compass attachment with universal holding device
for COMPACT series
With stepped peg to fit 4.0 mm dia.
S0830620
With stepped peg to fit 3.5 mm dia.
S0897800

The universal holding devices takes pens/pencils up to 11.5 mm dia.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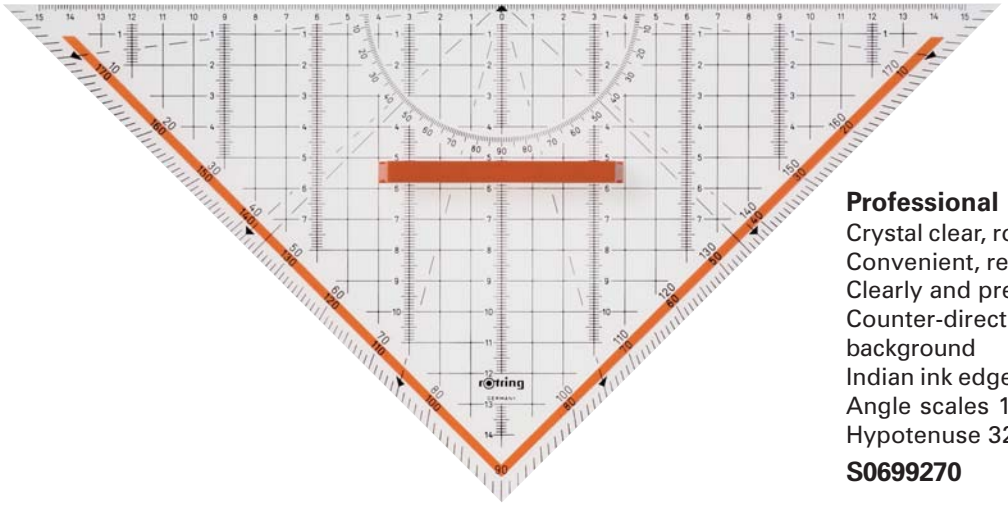


Professional Set Square
Crystal clear, robust plastic
Convenient, removable grip
Clearly and precisely embossed
Counter-directional numbering with coloured background
Indian ink edges and naps
Angle scales 180°/1°
Hypotenuse 32 cm with 30 cm / 1 mm scale
S0699270



Large Geometry Set Square wih Handle
Crystal-clear, stable plastic
Robust handle
Contrary scale with coloured background
Bevelled edges and ink naps
Hypotenuse 23 cm with 20 cm/1 mm scale
S0903950



Professional Set Square
High-quality plexiglas
Convenient removable handle
Clear and precise fine imprinting
Contrary scale with coloured background
Tracing edges and ink naps
Angle scale 180°/1°
Hypotenuse 25 cm with 22cm/1 mm scale
S0451820 (R823080)

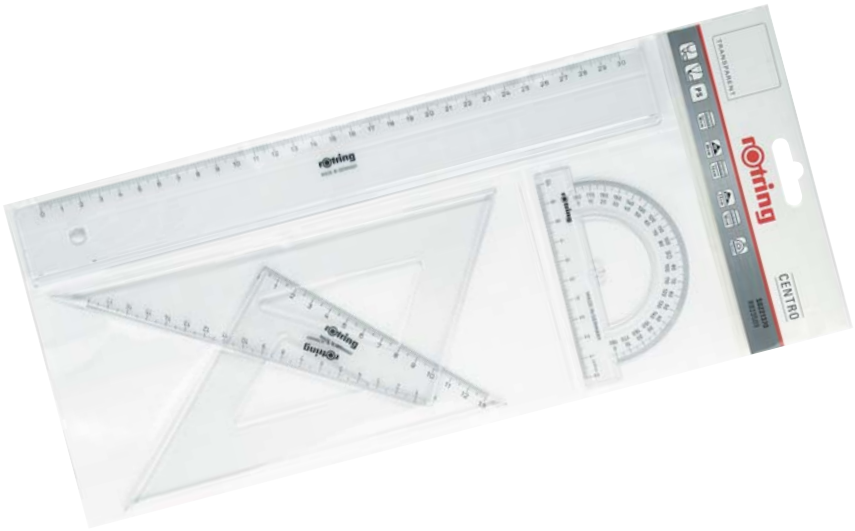
Geometry Set Square
Crystal-clear, stable plastic
Contrary scale with coloured background
Bevelled edges and ink naps
Hypotenuse 16 cm with 14 cm/1 mm scale
S0237630 (R823028)



Geometry Set Square with Handle
Crystal-clear, stable plastic
Robust removable handle
Contrary scale with coloured background
Bevelled edges and ink naps
Hypotenuse 16 cm with 14 cm/1 mm scale
S0903940



CENTRO



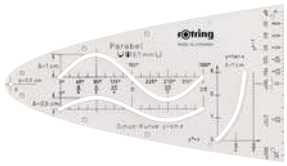
Geometry Set (4 pieces)
Crystal-clear, stable plastic
Bevelled edges and/or tracing edges
Contents: 30 cm ruler,
semicircular protractor
set square 30°/60°, hypotenuse 23 cm,
set square 45°, hypotenuse 20 cm
S0221370 (R823509)



Semicircular Protractor
Crystal-clear, stable plastic
Contrary scale
Centring point and bevelled edges
Scaling: 10 cm
S0221230 (R823301)



Set Square 30°/60°
Crystal-clear, stable plastic
tracing edges all round
Angles: 30°/60°
Hypotenuse 23 cm, 18 cm/1 mm scale
S0221090 (R823202)



Standard Parabola ($y = x^2$)
Crystal-clear, stable plastic
Bevelled edges on the outside contours
Sine/cosine curves A = 1 and A = 0.5
Tangent curve
Size: 123 × 70 × 1.8 mm
S0673400

All set squares have 0 point directly on tracing edge to enable direct measurement of line segments.



Set Squares Sets of 2
one 45° and one 30°/60° set square
Crystal-clear, stable plastic
Tracing edges all round
1 mm scale

S0237840	45°, hypotenuse 25 cm
(R823523)	30°/60°, hypotenuse 29 cm
S0237870	45°, hypotenuse 32 cm
(R823530)	30°/60°, hypotenuse 37 cm
S0237900	45°, hypotenuse 36 cm
(R823547)	30°/60°, hypotenuse 41 cm



Burmester Curves Set
(3 pieces)
For drawing of universal curves
Crystal-clear, stable plastic
Double-sided tracing edges all round
S0221301 (R8234000)



Flat Ruler
Crystal-clear, stable plastic
Bevelled edge and tracing edge
1 mm increments

S0220870	(R823103)	Scaling: 16 cm
S0220950	(R823127)	Scaling: 30 cm
S0221450	(R823578)	Scaling: 40 cm
S0221500	(R823585)	Scaling: 50 cm

Plate Ruler
Crystal-clear, stable plastic
Textured plate
Scale on both sides
1 × 1-mm scale
1 × 0.5-mm scale
S0221020 (R823141) Scaling: 30 cm





Wooden Ruler
Natural beech wood
Bevelled edge
1 mm increments
S0237930 (R823593) Scaling: 17 cm
S0237950 (R823594) Scaling: 30 cm

Triangular reduction scales

Of white dimensionally stable plastic.
The precision divisions are numerated both ways.
Dimension markings in cm and m for easier working.
With 2 coloured flutings.



S0236961 Engineer/DIN ISO 5455
(R8020190)

5 : 1	2 : 1	1 : 1	DIN
1 : 2	**1 : 5**	**1 : 10**	
1 : 20	**1 : 50**	**1 : 100**	
1 : 500			

S0220481 Architect
(R8020200)

1 : 10	**1 : 20**	**1 : 25**	1
1 : 50	**1 : 75**	**1 : 100**	
1 : 125	1 : 200	1 : 250	
1 : 500	1 : 750	1 : 1250	

S0220561 School
(R8020210)

1 : 10	**1 : 20**	**1 : 25**	2
1 : 33 1/3	**1 : 50**	**1 : 75**	
1 : 100	1 : 200	1 : 250	
1 : 500	1 : 750		

S0220641 Architect
(R8020220)

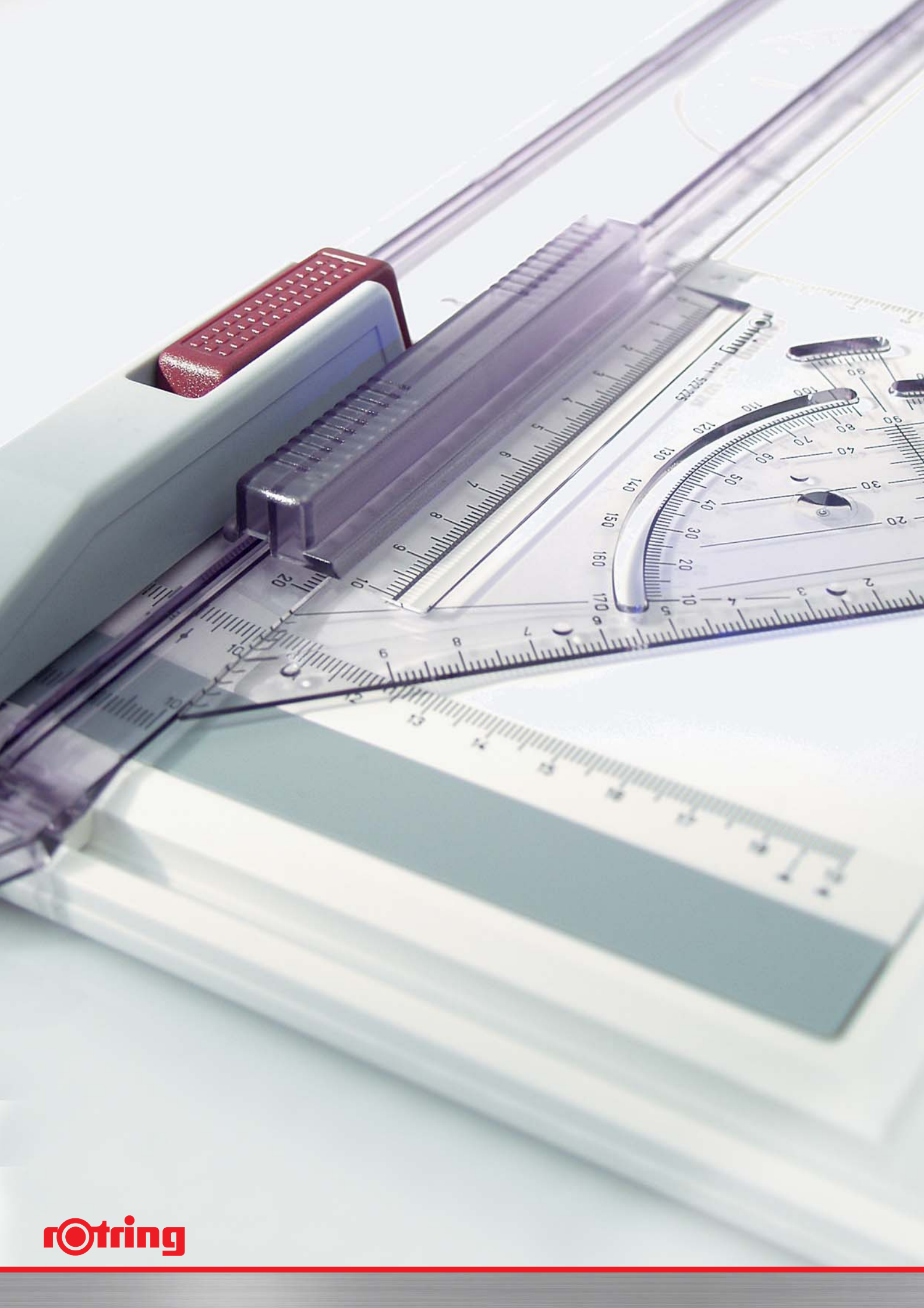
1 : 10	1 : 20	1 : 25	4
1 : 30	1 : 40	1 : 50	
1 : 100	**1 : 200**	**1 : 250**	
1 : 300	**1 : 400**	**1 : 500**	

S0220721 Surveying
(R8020230)

1 : 25	1 : 50	1 : 100	6
1 : 125	1 : 150	1 : 200	
1 : 250	**1 : 500**	**1 : 1000**	
1 : 1250	**1 : 1500**	**1 : 2000**	
1 : 2500			

S0237031 Mechanical design
(R8020240)

1 : 10	**1 : 15**	**1 : 20**	9
1 : 25	**1 : 33 1/3**	**1 : 50**	
1 : 100	1 : 200	1 : 150	
1 : 250	1 : 500		





rotring rapid drawing board

The full-featured drawing board for speed, precision and ease of use.

- Robust board of unbreakable, non-warping material.
- Ergonomic design for easy, comfortable working.
- Parallel straight-edge with STOP-and-GO locking/ unlocking action.
- **The L-system straight-edge design** - allows drawing along the top edge of the straight-edge right down to the bottom of the sheet, with full accuracy and stability.
- Two magnetic clamp strips with central pushbutton operation plus additional corner clamp, for exact media positioning and absolutely secure holding.
- Guide rails designed for permanently smooth, featherlight straight-edge movement.
- End lock on A3 straight-edge for added stability.
- Comes complete with rapid set square for drawing vertical and horizontal lines and angles.
- Includes tilters for comfortable working.



rotring rapid drawing boards

S0213910	(R522403)	rapid A3
S0232710	(R522404)	rapid A4



rotring rapid drawing boards in the college case

This rigid case features guides to hold drawing board securely, as well as space for utensils, books, etc.

S0232980	(R523403)	rapid A3 + college case



rotring profil drawing board

For precise drawings and easy, comfortable working.

- Robust board of unbreakable, non-warping material.
- Ergonomic design for easy, comfortable working.
- Parallel straight-edge with STOP-and-GO locking/unlocking action.
- **The L-system straight-edge design** - allows drawing along the top edge of the straight-edge right down to the bottom of the sheet, with full accuracy and stability.
- Magnetic clamp strip plus additional corner clamp to hold media securely.
- Guide rails designed for permanently smooth, featherlight straight-edge movement.
- End lock on A3 straight-edges for added stability.
- Can be used with tilters (purchased separately) for added working comfort.



rotring profil drawing boards

S0213750	(R522231)	profil A3
S0232430	(R522241)	profil A4



Tilters for profil and rapid drawing boards. Enable board to be tilted at either of two angles for comfortable working.

S0232330	(R522227)	1 pair

Professional drawing head
with automatic setting every 15° and locking of any angle in between, plus free-swing setting. Contra-rotating 0-90° scale, brake mechanism to lock in position on straight-edge.

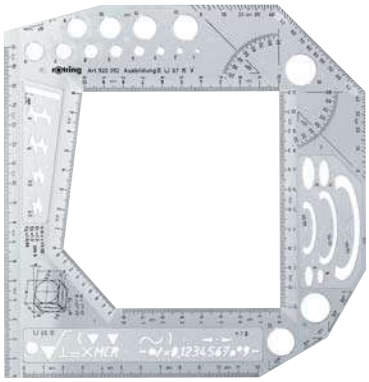
S0213830 (R522346)



Junior drawing head
with 15° ratchet action.

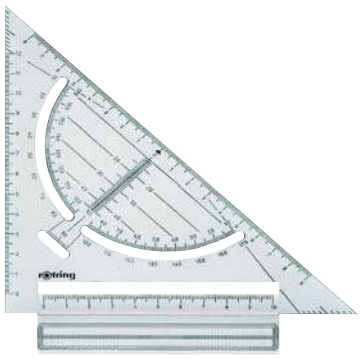
S0213680
(R522230)





Multipurpose drawing template II
With 15°, 30°, 45°, 60°, 90° angles, circles with diameters from 1 - 15 mm in steps of 1 mm, ellipses with large axes 12, 15, 20, 25, 30, 35, 40, 50 mm, surface symbols, dimensioning arrows, line device for standard lettering, 7°/42° angles for dimetric projection.

S0232590 (R522352) 180 x 180 x 1,6 mm
0.7 - 0.5



Rapid set square
For direct measurement and drawing of vertical and horizontal lines and angles, and for hatching.

S0232240 (R522225)

rotring college case, empty
This rigid case features guides to hold drawing board securely, as well as space for drawing instructions.

S0232510 (R522273) for A3 boards
S0232550 (R522274) for A4 boards





rotring collegeboard A3
For sheet sizes up to 450 x 325 mm.

- Magnetic clamp with scale.
- Straight-edge guide slots on all four sides with signal humps.
- Parallel straight-edge with grip area and STOP-and-GO button.
- Additional metal clamp.

S0213660 (R522110)



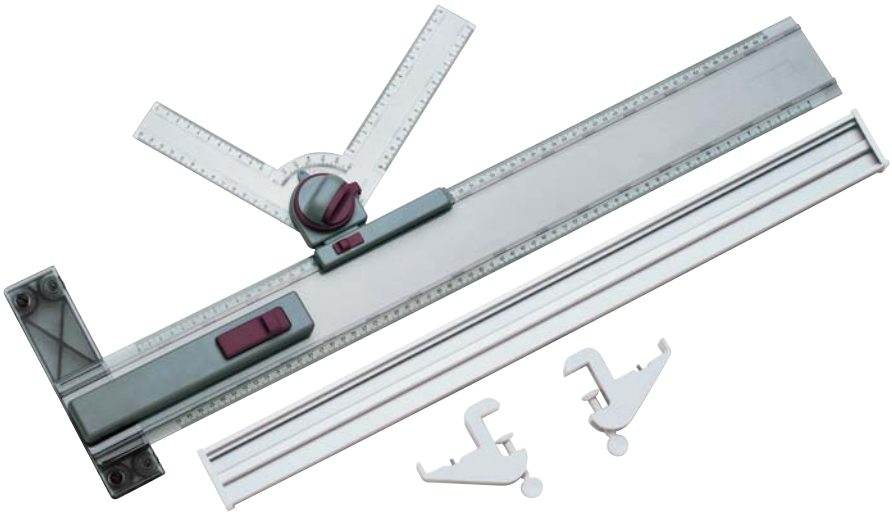
Protective carry bag
Tough weatherproof nylon.
Has detachable shoulder strap and space for books and utensils.

S0232160 (R522213)
for A3 boards
S0232200 (R522214)
for A4 boards



rotring A2 drawing table
A complete drawing system with drawing board laminated on all sides, **anodized aluminium guide track with plastic guide coating,** parallel straight-edge with STOP-and-GO mechanism, drawing head with STOP-and-GO mechanism and adjustable plastic tilter.

S0213920 (R522433) A2 (board size 700 x 600 x 16 mm)



rotring T-square-set A2
With precision anodised-aluminium guide track and plastic glide coating. Fast, simple mounting on drawing board or other work surface with special clamps.

- Parallel straight-edge with STOP-and-GO mechanism.
- Drawing head with STOP-and-GO mechanism.
- 2 special clamps made of plastic.
- Without drafting table

S0232880 (R522442) A2


rOtring

Lettering - as neatly as if printed

A precise technical drawing is not complete without true-to-standard lettering, and for that you need rotring´s precision lettering stencils. The rotring lettering stencils are stamped with markings to show the line width and character height. This ensures that the right pen and the right stencil are used together for true-to-standards lettering.

rotring lettering stencils are made of high-quality plastic and are especially resistant to warping and breakage. The clear, yellow-tinted material provides for high contrast so that even the finest lines are clearly visible. All edges are highly precise.

rotring lettering stencils are available with H-profile and Z-profile.



Lettering stencils in Z-profile per ISO 3098/I, lettering type B

Roman		Character height	rapido-graph	iso-graph	Colour code
S0228430	(R342025)	2.5 mm	S0194270	S0202130	white
S0228480	(R342035)	3.5 mm	S0194290	S0202270	yellow
S0228530	(R342050)	5.0 mm	S0203700	S0202410	brown
S0228580	(R342070)	7.0 mm	S0203850	S0202550	blue

duo-combi
Lettering stencil for fibre-tip pens and fine-lead mechanical pencils

2 character heights: 3.5 and 5 mm, roman lettering per ISO 3098/I B. Includes several frequently-used Greek characters.

S0228181 (R3400050)

244 x 75 x 1 mm
0.3-0.5-0.7-0.9
0.1-0.3-0.5-0.7



H-profile lettering stencils Type 1451



Roman		Character height	rapido-graph	iso-graph
S0227961	(R3060300)	3.0 mm	S0203430	S0202210
S0228021	(R3060400)	4.0 mm	S0203630	S0202350
S0228061	(R3060500)	5.0 mm	S0203700	S0202410
S0228111	(R3060600)	6.0 mm	S0203780	S0202490

rotring technical templates

rotring precision templates are robust and non-warping, with perfectly formed, true-to-standards symbols selected for the most varied applications.

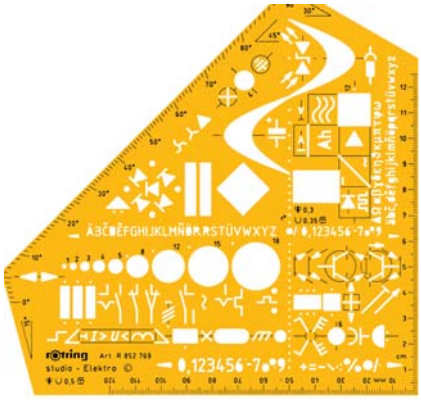
The transparent, yellow-tinted material leaves even the finest of lines (e. g. ones drawn with a rotring fine-lead pencil) clearly visible through the template.

- Template with tracing edge
- Fine-lead mechanical pencil
- Template with bosses
- Pencil
- Technical pen

"Studio" electrical engineering angle template

A drawing aid for metalworking students. With 15°, 30°, 45°, 60°, 75°, and 90° angles, mm coordinate graduation, protractor, circles from 1-18 mm dia., and holes for hatching. Symbols and easy-to-combine symbol elements per DIN 40700, Latin and Greek characters in 3.5 mm and numerals in 3.5 and 5.0 mm sizes per ISO 3098/I Bv.

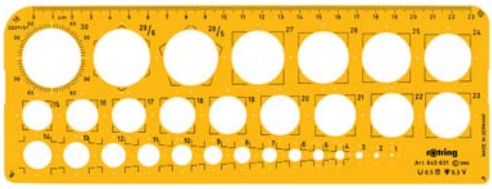
S0238591
(R8527690)
162 x 160 x 1 mm
0.35 0.3



Circles templates

Circles of 1-30 mm dia. in 1 mm increments.
With polygon guides and protractor.
Radii 4, 6, 10, 16 mm.
With millimetre ruler and fingerlift.

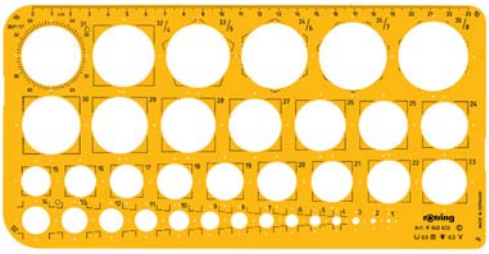
S0221621
(R8406310)
255 x 92 x 1.6 mm
0.5



Circles templates

Circles of 1-36 mm dia. in 1 mm increments.
With polygon guides and protractor.
Radii 6, 10, 16, 20 mm.
With millimetre ruler and fingerlift.

S0221691
(R8406330)
255 x 129 x 1.6 mm
0.5



Radii templates

48 radii from 0.5-40 mm,
0.5-2 mm in 0.1 mm increments,
radii per DIN 250 underlined.
Built-in semicircular protractor.
With surface symbols.

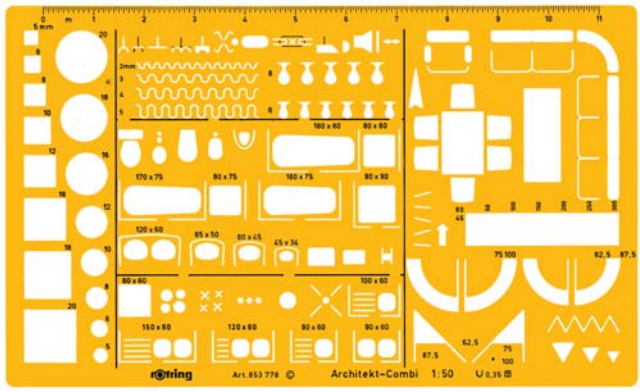
S0238341
(R8426830)
Ø 160 x 1.6 mm
0.5-0.35



Architect´s combination template

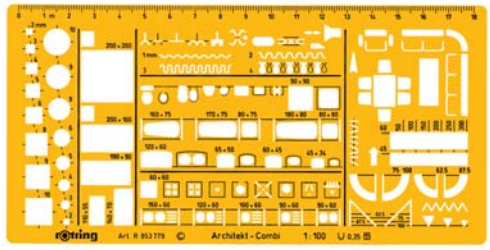
Separate layout of symbols for furniture, sanitary fittings, electrical fittings, door openings, level and direction symbols, insulation.

S0238711
(R8537780)
Scale 1:50
250 x 150 x 1.2 mm
0.35



See above

S0238781
(R8537790)
Scale 1:100
190 x 95 x 1.2 mm
0.35

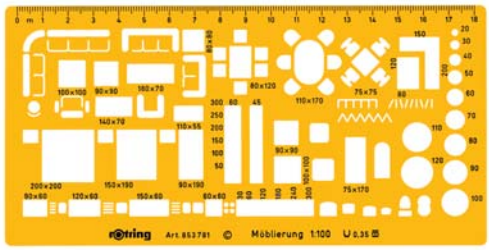


Furniture templates

Modern furnishings for living room, bedroom, kitchen, bathroom and toilet.

S0238921
(R8537830)
Scale 1:50
300 x 155 x 1.2 mm
0.5

S0238851
(R8537810)
Scale 1:100
190 x 95 x 1.1 mm
0.35

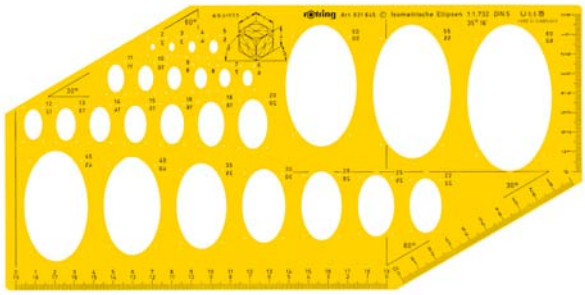


ISOMETRIC ellipses template

Axial ratio 0.707 : 1.225 (1 : 1.732)/35° 16´, isometric axes 2-60 mm.

The template edges are designed to enable the ellipses to be positioned in the major isometric planes.

S0238021
(R8316450)
295 x 145 x 1.2 mm
0.5



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Brands That Matter

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