Pincers (cutting pliers) DIN/ISO 9243

ATORN[®] Quality

57005 - 57006

57005 Turno

Type Polished head, handles black atramentised.

Steel C 45, oil-hardened and tempered, edges inductively hardened.

57006 Туре

Polished head, dip-coated handles.

57005

57006

103

104



Length mm	57005		57006	
160		101		
180		102		101

Pincers (cutting pliers) DIN/ISO 9243

Length

mm 200

250



57000

high wear resistance,

Quality

Special tool steel, cutting edge oil-hardened.



Length 57000 ... mm 160 102 180 103 210 104

Advantageous force transmission thanks to good lever action. Polished head. Handles black atramentised. Hardness of cutting edges approx. 59 HRC.

Extremely robust, balanced weight distribution,

handles black atramentised, head polished.

Length mm	57000
225	105
250	106
300	107





Туре

Use

Car-body pliers (horse shoeing pliers) DIN 5173

Quality Special tool steel, hardened in oil and tempered.



LengthHead widthWeightmmmmg30020785





57020

57.1

57012

Rabitz pincers



For the disassembly of car-bodies.



Optimum cutting performance through favourable leverage. Dip-coated handles.



Length mm	57012	
220		101
250		102
280		103



Rabitz pincers DIN/ISO 9242

Quality

Special tool steel,

oil-hardened.



Туре

Ground cutting edges, handles black atramentised, polished head.

Length	57020
mm	
200	101
220	102
250	103





HW

handles black atramentised.

Head and handles nickel-plated.

57025 101

57025 201

Type Polished head.

Туре

Quality Vanadium-extra.

57050 201

57050 202

twisting axis.

57211

Serrated jaws.

Туре

Туре

Use

High-leverage original tower pliers (rabitz pincers) DIN/ISO 9242

KNIPEX

57025

Туре

Particularly slim head and long legs, optimum cutting performance with minimum use of force due to high transfer, strong damping of the cutting impact after cutting the binding wire, thereby relieving tendons and muscles.

For fastening concrete reinforcing steel, twisting and cutting wire from roll within one working step. Quality

Special tool steel, oil-hardened.



Hand Tools

	up to wire Ø Head width hard mm mm	up to wire Ø soft mm	Length mm
101 201		hard m	

57050
BAHCO
· Cattor

Wire twisting pliers

Туре

Burnished, corrosion-proof, bright finished head. With additional cutting edge. Jaws bevelled to 30°. Use

Perfect for securing locations which are prone to suffer from vibrations.

Quick and exact twisting, even stainless wires can be twisted.

Suitable for any wire length, any twisting length and any number of rotations.

Length	up to wire Ø	57050	
mm	max. mm		
224	1.04		201
282	1.60		202

57208 - 57211

57208 - 57210 Use For hardened steel wire (piano wire). Quality Steel C 60, oil-hardened and tempered, edges inductively hardened.



Type Polished head, dip-coated handles.

57209 ATORN®

Type Head highly polished, chrome-plated, handles with 2-component grips with handguard.



Head highly polished, chrome-plated, handles with **2-ergosoft** grips with handguard.

				<u>ATORN</u> °	A	<u>TORN</u> ®		H M		KNIPEX	
Length mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57208		57209		57210		57211	
160	3.4	2.5	2.0								102
160	3.5	2.5	2.2		102		102		102		
200	4.2	3.0	2.5		103		103		103		



57050 201

High leverage end cutting nippers DIN/ISO 5748

With reversing automatic.

The reversing automatic allows clockwise and counterclockwise twisting of the locking wire. The wire is twisted in one operation. When the reversing slider is in the centre position, it locks the

Therefore, the pliers can be used as diagonal cutting pliers or grip pliers, as well.

Type Polished head, PVC-coated handles. Use For piano wire and soft wire. Quality Chrome-vanadium electric steel, oil-hardened, edges inductively hardened.





| HEM

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57211

End cutting nippers DIN/ISO 5748

Quality

Special tool steel, oil-hardened,

Hardness of cutting edges approx. 61 HRC.

edges inductively hardened.

Tool steel C60, fully forged,

Cutting edges inductively hardened.

Vanadium electric steel, oil-hardened, cutting edges inductively hardened,

hardness of cutting edges approx. 64 HRC.



NIPEX Туре

Polished head, PVC-coated handles. Use

57230

57268

For hard and soft wire. Also suitable for braiding concrete reinforcing steel.

Length mm	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	57230	
160	4.0	2.8	2.3		101
200	4.0	3.5	2.8		103

Lever end cutting nippers DIN/ISO 5749

Quality

oil-hardened.

Туре

Highest cutting performance thanks to double lever mechanism and opening spring. Black atramentised Use

For hard wire.

57240

Length mm	57240	
mm		
180		201
210		202
235		203



57268

Lever-(Bolt-)end cutting nipper

Quality

KNIPEX

Type

Powerful, compact, comfortable. Polished head, PVC-coated handles. Good cutting capacity. Easier cutting thanks to high leverage ratio.

Use

For piano wire as well as for thick and soft wire, such as bolts and rivets.

These pliers can cut hard or thick wires with less effort than diagonal cutting pliers of the same length. With precision cutting edges for soft

and hard wire as well as piano wire.



Length mm	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57268			sr-
200	1.0-6.0	4.0	3.5	3.0		101		

57280

Centre cutting nipper



Quality



Use

forged, oil-hardened. Polished head, PVC-coated handles. With forged-in Hardness of cutting edges joint axis for the hardest, heaviest duty. approx. 64 HRC.



Length mm	Cu conductor up to mm ²	Aluminium conductor up to mm ²	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57280	
250	16	35	5.0	5.0	3.8	3.5		101

62141 Diagonal cutting pliers for fibre-optic cable Use 62141 KNIPEX Specially for cutting fibre-optic cable. Туре Polished head, handles plastic-coated, Quality with opening spring. With surface-ground cutting Vanadium electric steel, faces. Cutting edges additionally inductively hardened in oil and tempered. hardened. Length 62141 mm 105 160

eng/OP

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57.3

| HEN

Plastic cutters | Diagonal cutting pliers

57390

Plastic cutters

KNIPEX

Туре

With opening spring. Polished head, PVC-coated handles, without chamfer. With surface ground cutting edge surface.

Use For accurate cutting of sprues on plastic parts or soft materials, e.g. lead. Quality

Vanadium electric steel, oil-hardened.

Long cutting edges for larger cut material.

With precision stripping holes for (solid) conductors 1.5 and 2.5 mm².

edges approx. 60 HRC.

Length

mm

140

160

180

160

160

AL P	TO 2
	P F

57390 105 57390 106

57390 102-104



Cutting edges

straight

straight

straight

45° angled

85° angled

Stripping-Diagonal cutting pliers

Multi-purpose: Cutting and stripping insulation



57390

102

103

104

105

106





57430

57437

Polished head, handles with thick-walled, bicolour,
multi-component non-slip grips.

Vanadium electric steel, oil-hardened, cutting edges inductively hardened. Hardness of cutting

					VDE	
Length mm	up to wire Ø soft mm	Stripping performance mm ² / AWG	57420		57421	
160	4.0	1.5+2.5 / 15+13		101		101

Diagonal cutting pliers DIN/ISO 5749

57421

Type

Quality

Special tool steel, oil-hardened and tempered, edges inductively hardened.



57430 - 57441

Polished head, dip-coated handles.



Туре Head highly polished, chrome-plated, handles with 2-component grips with handguard.



Head highly polished, chrome-plated, handles with 2-ergosoft grips with handguard.



65 ±1000v

Head highly polished, chrome-plated, insulation handles (1000 V) in compliance with VDE IEC 60900 sprayed directly on handles, with 2-component non-slip grips.

Head chrome-plated, handles with thick, bicolour, multi-component non-slip grips, routine-tested in

compliance with VDE DIN EN 60900.



ergosoft 15 M

				<u>ATORN</u> °	A	<u>TORN</u> ®		K M	A	ORN ° VDE	
Length mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57430		57433		57437		57441	
125	2.3	1.5	-		101				102		
140	2.5	1.8	-		103		102		104		201
160	2.8	2.0	-		105						202
160	3.0	2.3	1.6				106				
160	3.5	2.5	2.0						106		
180	3.8	2.7	2.2		106				107		



HW

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57441



57420 - 57421

KNIPEX

Туре

Quality

57420

Туре

57448 - 57457 **Diagonal cutting pliers DIN/ISO 5749**

KNIPEX

Use

Slim head shape for use in hard-to-reach working places. For hard and soft wire. Fine wires are cut cleanly along the entire cutting edge length.

Quality

Vanadium electric steel, oil-hardened. Cutting edges inductively hardened. Hardness of cutting edges approx. 62 HRC.

57448

Type Polished head, PVC-coated handles.

57453

Туре Polished head, handles with thick-walled, bicolour, multi-component non-slip grips.

57455

Туре

Head chrome-plated, handles with thick-walled, bicolour, multi-component non-slip grips.

57457 Туре

Head chrome-plated, handles with thick, bicolour, multi-component non-slip grips, routine-tested in compliance with VDE DIN EN 60900.

							VDE
Length mm	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	57448	57453	57455	57457
125	3.0	2.3	1.5	101	101		101
140	4.0	2.5	1.8	102	102	102	102
160	4.0	2.8	2.0	103	103	103	103
180	4.0	3.0	2.5	104	104	104	104

57462

Diagonal cutting pliers DIN/ISO 5749 Use

For hard and soft wire.

Туре

BAHCO

Nickel-plated and chrome-plated, highly polished. Handles covered with cellulose acetate grips. With faced blades. Max. cutting capacity: Piano wire.

Quality	

Vanadium-extra steel.

57462	up to wire Ø hard mm	up to wire Ø soft mm	Length mm
	1.6	2.5	125
	2.0	3.5	160

57472

Diagonal cutting pliers - ERGO- DIN 5749

57472 101-103

BAHCO

Туре

- Chrome-plated surface for additional corrosion protection

- No sharp edges
- 2-component handles
- Optimum handle width
- Less power, maximum cutting performance
- Screw connection
- Small shoulders
- On/Off function of opening spring

Quality Chrome-vanadium steel.

Le

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Туре - Optimal cutting radius for cutting

- Soft and thin materials are cut at the tip (Cu and plastic)
- Hard materials are cut close to the joint (FE + and piano wire)

57472 201-204

Heavy-duty cutting edges

Progressive cutting edges

- Туре
- Withstands more than 50,000 cuts through hard wire
- The heavy-duty cutting edges ensure a powerful cut along the entire blade
- The reinforced metal frame withstands the extreme conditions and particularly hard wires

57472 101-103

57472 201-204



Hand Tools

57448

57453

57455







		-	
		-	
-			
-			
-			

57462



ength mm	up to wire Ø CU mm	up to wire Ø FE+ mm	up to wire Ø Piano mm	57472	Length mm	up to wire Ø CU mm	up to wire Ø FE+ mm	up to wire Ø Piano mm	57472	
125	3.5	1.8	1.6	101	140	-	2.2	2.0		201 🚺
140	3.7	2.0	1.8	102	160	-	2.5	2.3		202 🚺
160	3.8	2.5	2.0	103	180	-	2.7	2.5		203 👤
					200	-	3.2	3.0		204 👤

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57.5

HEN.

57475 - 57485 High-leverage diagonal cutting pliers DIN/ISO 5749

ATUR

nent non-slip grips.

57485

Туре

Quality

Steel C 60, oil-hardened and tempered, edges inductively hardened.





Туре Head highly polished, chrome-plated, handles with 2-component grips with handguard.

57480 **H** H Туре





57485 £1000V

Head highly polished, chrome-plated, insulation handles (1000 V) in compliance with VDE IEC

60900 sprayed directly on handles, with 2-compo-



57475

Head highly polished, chrome-plated, handles with 2-ergosoft grips with handguard.

				<u>ATORN</u> °	<u>ATORN</u> [®]		ATORN [®] HIM		A	ORN ° VDE	
Length mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57475		57478		57480		57485	
140	3.0	2.2	1.8		101						
160	3.5	2.5	2.0		102		102		102		201
180	3.8	2.7	2.2		104		104				
200	4.2	3.0	2.5		103		103		103		203

57500 - 57515



For hard and soft wire, piano wire as well. For heavy-duty projects.

Quality

Chrome-vanadium heavy-duty steel,

forged, oil-hardened, edges inductively hardened. Hardness of cutting edges approx. 64 HRC.

Note:

Length 250 mm suitable for Cu-wire up to 16 mm² and Al-wire up to 35 mm².

57500

Туре

Polished head, PVC-coated handles.

57505

Type Polished head, handles with thick-walled, bicolour,

multi-component non-slip grips.

57507

Туре

With opening spring, which can be engaged when necessary.

High-leverage diagonal cutting pliers DIN/ISO 5749

Polished head, handles with thick-walled, bicolour, multi-component non-slip grips.

57510

Туре

Head chrome-plated, handles with thick-walled, bicolour, multi-component non-slip grips.

57515 Type

Head chrome-plated, handles with thick-walled, bicolour, multi-component non-slip grips. Routine-tested according to VDE DIN EN 60900.





The opening spring is easily engaged with a press of the thumb.



View of pliers underside with activated opening spring

57500		57510
57505		57515
	2.	
		VDE

Length mm	up to wire Ø soft mm	up to wire Ø hard mm	up to wire Ø piano mm	57500		57505		57507		57510		57515	
140	3.1	2.0	1.5		101		101				101		
160	3.4	2.5	2.0		102		102		102		102		102
180	3.8	2.7	2.2		103		103		103		103		103
200	4.2	3.0	2.5		104		104				104		104
250	4.6	3.5	3.0		105		105				105		105



HW

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57516 KNIPEX TwinForce® heavy-duty diagonal cutting pliers Use 57516 103 KNIPEX - Reliably cuts all types of wire, also flat material Туре - For coarse and precision cutting Optimum transfer thanks to double joint - For use with a great deal of comfort, construction for repetitive cutting or extremely - Extremely easy cutting with little expenditure of hard cutting jobs force: cuts 50 % easier as the tried and tested Quality Chrome vanadium heavy-duty steel. KNIPEX high-leverage diagonal cutting pliers 57516 203 - NEW for diagonal cutting pliers: The possibility of adjustment. The KNIPEX Twin Force cuts through even 4 mm thick wires with 2-3x repeat cuts without a great 57516 103 deal of effort. Standard high-leverage diagonal Type cutting pliers do not cut such diameters at all or Handles covered with only with very high effort plastic. - Little cutting impact: gentle on hands, the tension 57516 203 on muscles and tendons is relieved - High degree of stability and zero-backlash due to Туре precision milled forged-in axis Handles with - Pliers black atramentised, polished head multi-component handles. Length up to wire Ø up to wire Ø up to wire Ø up to wire Ø 57516 soft mm medium mm hard mm piano mm mm 180 5.5 4.6 3.2 3.0 103 180 5.5 4.6 3.2 3.0 203

57518 - 57520

KNIPEX

Туре

- Compact and lightweight, powerful and precise
- Box joint: highest stability at low a weight
- Doubly supported joint axis for the hardest, heaviest duty.
- High cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle and transmission ratio
- 20 % less force required compared with high-leverage diagonal cutting pliers of the same length
- Large opening width for thicker cables
- Cuts precisely, even through fine copper wires
- Compact, low-weight construction

Use

Cuts the very finest wires as well as multi-wire cable and hard piano wire. Universally usable, in the assembly, maintenance and production. Quality

Chrome vanadium heavy-duty steel, forged, oil-hardened.

57518 Туре

- Pliers black

Compact diagonal cutting pliers X-Cut®

- atramentised
- Polished head - Handles with multi-
- component handles

57519

- Туре
- Pliers chrome-plated - Handles with multi-
- component handles

57520

- Туре
- Pliers chrome-plated
- Insulated handles with multi-component handles
- VDE-tested



							VDL	
Length mm	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57518	57519	57520	
160	4.8	3.8	2.7	2.2	101	101		101

	57	7517	EvoLine h	igh-levera	ge diago	onal c	utting pl	iers			
	Type - Ergonom - Advantag - Lever-opt - Hardeneo	ORN [®] hic head, 25° angl eous use in all pos imised heavy-duty d precision cutting e be for large reach	sitions joint	- Handle - With ha 57517 20 Type - Head fi - Insulati VDE IE - Handle	ne-polished, s with 2-com andguard D1 ne-polished, on handles (, forged (1000 V) i rayed dire	n compliance ctly on handle			STST:	
	Length mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57517		57517		<u>€</u> ¥E € 2000	57517	7 201
	180	3.8	2.7	2.3	#	101	#	201			
5		# = partly extent in st	tock.	= Sales are restricte in the catalogue. F	d to the packa Purchase order	iging units r rs must be i	mentioned in units.		.hhw.de order hotline: +49 6204 739-1217	HER I	57.7

57518

VDE

57269 Lever diagonal cutting pliers

Type

Length

mm 235

KNIPEX

Use

57610 - 57611

Sturdy model with transmission and opening spring. Handles plastic-coated. Use

For wires 1200 N/mm² up to 3.5 mm Ø, for wires 800 N/mm² up to 4.5 mm Ø.

57611 101

Compact bolt cutters KNIPEX CoBolt®

Quality

Special tool steel, oil-hardened.

Cutting edges inductively hardened.

Туре

20° angled head with single-ended bracket and lateral cutting capacity for flush cutting. With space for gripping.

57269

101

Handles covered with plastic. Head atramentised.

Туре

lateral cutting capacity for flush cutting. With space for gripping. Opening spring integrated into the grip covers, with locking mechanism for comfortable operation and safe transport. Handles with bicolour multi-component



57611 101

57269

57610 101

57610 201

57610 301



straight 20° angled





				н	straight		20° angled	
Length mm	up to wire Ø soft mm	up to wire Ø medium mm	up to wire Ø hard mm	up to wire Ø piano mm	57610		57611	
200	6.0	5.2	4.0	3.6		101		101
200	6.0	5.2	4.0	3.6		201		201
200	6.0	5.2	4.0	3.6		301		



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Particularly high cutting performance with minimum effort due to highly effective joint design. The cutting forces are more than 20-x higher than the force used.

60% power savings compared to conventional high leverage diagonal cutting pliers. Quality

Chrome-vanadium heavy-duty steel, oil-hardened and tempered. cutting edges inductively hardened. Hardness of cutting edges approx. 64 HRC.

57610 101 Туре Handles covered with plastic. Head atramentised.

57610 201 Туре

Handles with bicolour multi-component grip covers. Head atramentised.

57610 301 Туре

Opening spring integrated into the grip covers, with locking mechanism for comfortable operation and safe transport. Handles with bicolour multi-component

grip covers. Head atramentised.



20° angled head with single-ended bracket and

grip covers. Head atramentised.



57615 Small bolt cutters VBW 57615 201 57615 101 57615 101 Spare blade head With bolt and circlip rings. Туре Blade and pipe head drop-forged. Adjustment of blades not required. High-quality hardened and tempered. Ergonomic plastic handles. Use For cutting standard structural steel and steel wires up to 48 HRC. Quality Blades made of chrome-vanadium special steel. 57615 201 Spare blade head Length 19 HRC **40 HRC** 48 HRC 57615 57615 up to Ø mm up to Ø mm up to Ø mm mm 101 390 5 4 201 7 57617 Bolt end eutting nippers VBW 57617 201 57617 101 57617 101 Spare blade head With bolt and circlip rings. Туре Angled blade head for close cutting. Blade and pipe head drop-forged. Adjustment of blades not required. High-quality hardened and tempered. Ergonomic plastic handles. Use For cutting standard structural steel and steel wires up to 48 HRC. Quality 57617 201 Blades made of chrome-vanadium special steel. Spare blade head Length 19 HRC **40 HRC** 48 HRC 57617 57617 up to Ø mm up to Ø mm up to Ø mm mm 370 5 101 201 7 4 57620 - 57622 Heavy-duty bolt cutters 57622 57620 (ALARM Spare blade heads 57620 With straps and screws. Туре Exchangeable, infinitely adjustable jaws, cutting

edges in the middle, tubular handles. Use For cutting structural steel and steel wire up to 48 HRC.

Quality

Jaws made	e of chrome-va	nadium steel.		Spa	re blade head		
Length mm	19 HRC up to Ø mm	40 HRC up to Ø mm	48 HRC up to Ø mm	57620		57622	
470	8	6	5		101		201
630	9	8	7		102		202

57632 - 57634

VBWO

57632

eng/OP

Heavy-duty bolt cutters

57634

Spare blade head

screwed to Use For cutting steel wires Quality Jaws made	ble, infinitely ad the handles, tul standard structu up to 48 HRC. e of hardened a edges inductiv	bular handles. ural steel and and tempered	electric	With straps and edges inductive	ly hardened.	e blade head
Length mm	19 HRC up to Ø mm	40 HRC up to Ø mm	48 HRC up to Ø mm	57632		57634
460	. 8	. 6	. 5		101	#
610	9	8	7		102	
760	11	9	8		103	#
910	13	11	9		104	#
1070	16	11	10			

٢





57622

= partly extent in stock.

105

Hand Tools

Bolt cutters | Special bolt cutters for structural steel | Non-sparking tools

57635 - 57636 Heavy-duty bolt cutters



57635

- Туре - Forged-in stopper with comfortable shock-
- absorber
- Good access due to very flat construction of head and joint area
- Ergonomically angled handles to minimise effort
- Sturdy non-slip two-colour dual component handle sleeves
- Precise adjustment (12 positions) by eccentric bolt - High cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle and transmission ratio
- Bolted cutter head, replaceable
- Head grey atramentised

Use

Hand Tools

For hard materials up to 48 HRC.

Quality

Blades: Chrome vanadium heavy-duty steel, forged, oil-hardened, Cutting edges additionally inductively hardened, hardness of cutting edges approx. 62 HRC. Joint: special tool steel, forged. Handles: steel tube, powder-coated.





Complete with screws.





Forged-in stopper with damping insert: dampens the average cutting impact comfortably





57640

57635



					Spare blade head
Length mm	19 HRC up to Ø mm	40 HRC up to Ø mm	48 HRC up to Ø mm	57635	57636
460	8	6	5	101	
610	9	8	7	102	#
760	11	9	8	103	#
910	13	10	9	104	#

57640 - 57641 Special bolt cutter for structural steel

57641

VBWO

57640

Туре Approx. 40% lighter due to high-strength aluminium multi-component handles. Small opening angle of the handles, therefore low force is necessary. The extended top blade facilitates the handling of reinforcing steel mats lying on the ground. Quality

Blade and pipe head made of special steel.



						Spa	are blade head	
Le	ength	19 HRC	40 HRC	48 HRC	57640		57641	
	mm	up to Ø mm	up to Ø mm	up to Ø mm				
	800	11	9	8		201	#	201

57650 - 57651

Welded wire mesh and flat steel cutter VBWO 57651 57650 57650 Spare blade head Туре With multi-component handles and exchangeable knives. Use Substitute for cutting torch, cutting wheel and saw. Quality High-alloyed steel, drop-forged, edges inductively hardened. 57651 Spare blade head Length max. Cutting force From wire dist. 57650 57651 HRC 20 mm mm mm 840 40 x 4 30 x 30 101 101

57.10 HM www.hhw.de Fax order hotline: +49 6204 739-1217

