

# THE CLEVER TOOL. TOTAL RANGE 16/17





carolusy

# YOUR CHALLENGE. OUR COMMITMENT.



Tools from carolus by GEDORE convince through product innovation paired with functionality and ease of use, so they give our users the feeling that they have made a smart choice in every moment.


















Our more than 100 years of experience, combined with high quality German DIN standards and the security given "by GEDORE", make us the ideal partner when it comes to quality, price and durable manual tools. Whether professional or amateur craftsmen, each person passionately pursues his ideas and with heart in the work, you are in exactly the right place with carolus and our wide product range.

Tools by carolus - always the right choice.  
**Take your choice!**



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ALICJA LUNDT

**GROWING UP  
IN THE WORKSHOP**

**> 006**



BENNY AND PHILIPP

**MECHANICS  
ON TWO WHEELS**

**> 008**







Alicja Lundt, 27 years old, Master Car Mechanic

# GROWING UP IN THE WORKSHOP

A woman who works in the garage and is also Germany's youngest master car mechanic; Alicja Lundt has certainly not taken a typical career path.

The reactions are appropriate when she talks about her career. Alicja is proud, no question, but she is sometimes annoyed by these reactions. Meanwhile, she has learned to deal with the prejudices, but it was not always so.

Especially at the beginning of her training in her father's business it was difficult for her to assert herself in the male-dominated automotive workshop. Alicja managed it and she holds her ground well with her male colleagues at work. She even wants to take over the workshop one day from her father. Actually understandable when you consider that she already had petrol in her blood in the cradle. Lundt Auto, an automotive workshop in Berlin that specializes in the repair of Porsches and other sports cars, has been operated by her father for over 30 years now. Alicja, now 27, was born, so to speak directly into the company.

Nevertheless, she made the final decision to choose this career path shortly after graduating from high school. At first she was still unsure but after some time in training, there was no longer any doubt - the profession was the perfect fit for the young girl. Alicja could never have dreamed that she would also become Germany's youngest master car mechanic she tells us smiling in an interview: "I was only 23 years old when I got that title in November 2011".

With this impressive performance, the passionate automotive mechanic proves once again that women also have something to say in this male dominated career. By now even the last doubts among colleagues have been eliminated and Alicja is taken seriously in her father's workshop. "My colleagues were really impressed and have all congratulated me," she says with a laugh in an interview.

We are also, of course, impressed and especially proud that Alicja gave our tools a very professional look over and they more than meet her high demands: she let us know that she uses our torque wrench almost daily. For the talented mechanic an important helper when mounting wheels. It is not only our torque wrench that convinces, the young mechanic is enthusiastic about the design, the shape and, of course, the durability of the entire range.

So Alicja provides evidence:  
carolus tools - approved by professionals.









Philipp, 23 years, active BMX pro



Benny, 34 years, former BMX pro

# MECHANICS ON TWO WHEELS

"Full throttle" say Benny and Philip every day, whether biking or motocross, professionally or as a hobby - both have wholeheartedly embraced fun on two wheels.

Philipp, a very active and successful BMX pro, uses Motocross to relax in his spare time. "In addition to the hard contests and the constant training, it is a very relaxing to go just for the fun and to become dirty," he told us with a laugh in an interview. In addition to Motocross, for him it is pure relaxation to spend an evening in the workshop with a beer and the guys and to tinker on the bikes.

"The tools from carolus are not only perfect for tinkering, they convey the entire lifestyle perfectly." For this kind of work, our T-keys are used most. Philipp appreciates how work is made easier by the specially shaped grip. We are very happy about it, because we considered just such details in our product design to provide the best user comfort.

For Benny, biking is only indirectly in the foreground. For several years he has been retired from his professional career and is now working in the events sector, of course at events centred around Motocross and BMX. Here he uses his own experience to design the routes and sometimes gives an expert interview to one or two sports channels. "I'm too rooted in the scene to be able to stop completely, and I love the sport too much, so I have sought out a different role in this business," Benny told us in an interview.

Even if he is not an active professional driver any more, the common passion for Motocross binds him especially with his buddy Philipp. Together the two of them try to spend every free minute on the circuit.

Benny can make good use of our tools in both sports. The Allen key with T-handle, for example, is his daily companion, whether for screws on the bike or motorbike. "The tools from carolus have a fresh design and are very good quality. The Allen keys are especially super convenient. I love these tools, they are so simple!" - Nothing left to say!







# ASSORTMENTS

The all-round carefree package for every beginner or for those who want to be equipped for the worst-case scenario with a unique price-performance ratio. The universal sets from carulus leave nothing to be desired.



























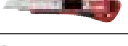


# 2200.000 UNIVERSAL SET BASIC

70 pieces

**Contents:**

- > Double open ended spanner 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm
- > Engineers' hammer 300 g
- > Combination pliers 180 mm
- > Heavy-duty side cutter 200 mm
- > Pincer 180 mm
- > Multifunctional saw
- > Tape measure 3 m
- > Pencil
- > Screwdriver slotted 4 5.5 6.5 mm
- > Screwdriver cross-head Pozi PZ1 PZ2
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > VDE Screwdriver slotted 3 mm
- > VDE Screwdriver cross-head PH 2
- > Flat cold chisel 125 mm
- > Water pump pliers 10"
- > Voltage tester 3 mm
- > VDE Cable knife
- > Half-round file 200 mm
- > Utility knife with pencil sharpener
- > Adjustable wrench 8"
- > Bit-Box, 31 pieces
- > Handle Minimus®
- > Spirit level 300 mm



Code	No.			
2255936	2200.000			5.6
	<b>9200</b> .30		<b>3685</b> .02	
	<b>2830</b> .180		<b>3640</b> .010 .020	
	<b>2840</b> .200		<b>9495</b> .125	
	<b>2890</b> .180		<b>2010</b> .10	
	<b>9150</b> .00		<b>3710</b> .03	
	<b>9534</b> .03		<b>9520</b> .00	
	<b>9990</b> .000		<b>9340</b> .00	
	<b>3600</b> .040 .055 .065		<b>9110</b> .00	
	<b>3675</b> .030		<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10	

# 223X.000 UNIVERSAL SET BASIC IN CASE/BOX

**Contents:**

- > Double open ended spanner 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm
- > Engineers' hammer 300 g
- > Combination pliers 180 mm
- > Heavy-duty side cutter 200 mm
- > Pincer 180 mm
- > Multifunctional saw
- > Tape measure 3 m
- > Pencil
- > Screwdriver slotted 4 5.5 6.5 mm
- > Screwdriver cross-head Pozi PZ 1 PZ 2
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > VDE Screwdriver slotted 3 mm
- > VDE Screwdriver cross-head PH 2
- > Flat cold chisel 125 mm
- > Water pump pliers 10"
- > Voltage tester 3 mm
- > VDE Cable knife
- > Half-round file 200 mm
- > Utility knife with pencil sharpener
- > Adjustable wrench 8"
- > Bit-Box, 31 pieces
- > Handle Minimus®
- > Spirit level 300 mm



2232.000 Example image




2234.000 Example image





2236.000 Example image








2230.000 Example image

Code	No.	Description	
<b>2661764</b>	2230.000	Tool set BASIC in tool case, 70 pcs	10.6
<b>2661942</b>	2232.000	Universal set BASIC in tool box, 70 pcs	10.5
<b>2661837</b>	2234.000	Universal set BASIC in tool case, 70 pcs	10.4
<b>2662019</b>	2236.000	Universal set BASIC in combibag, 70 pcs	7.7

Contents	
	<b>9200</b> .30
	<b>2830</b> .180
	<b>2840</b> .200
	<b>2890</b> .180
	<b>9150</b> .00
	<b>9534</b> .03
	<b>9990</b> .000
	<b>3600</b> .040 .055 .065
	<b>3675</b> .030

Contents	
	<b>3685</b> .02
	<b>3640</b> .010 .020
	<b>9495</b> .125
	<b>2010</b> .10
	<b>3710</b> .03
	<b>9520</b> .00
	<b>9340</b> .00
	<b>9110</b> .00
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10

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	<b>0300</b> .08
	<b>3000</b> .01
	<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022
	<b>4002</b> .42
	<b>9530</b> .0300

> Empty storage products are also available - see pages 30 - 33



# 2200.010

## UNIVERSAL SET ALLROUND

56 pieces

### Contents:

- > Combination spanner 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27 mm
- > Adjustable wrench 6" 12"
- > Carbide scriber with clip 150 mm
- > Wood sectioned folding ruler 2 m
- > Screwdriver slotted 4 5,5 6,5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver cross-head Pozi PZ 1 PZ 2
- > Hexagon socket key set, 8 pieces, 2 2,5 3 4 5 6 8 10 mm
- > Hexagon socket key set, 7 pieces, TORX® T10 T15 T20 T25 T27 T30 T40
- > Voltage tester 3 mm
- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Water pump pliers 10"
- > Engineers' hammer 300 g 800 g
- > Flat cold chisel 250 mm
- > Cross-cut chisel 200 mm
- > Drift punch 3 4 5 mm
- > Centre punch 5 mm
- > Flat file 200 mm
- > Round file 200 mm



Code




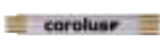



2255944








No.




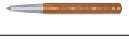


2200.010



8.6

	Contents
	<b>0900</b> .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190 .0210 .0220 .0240 .0270
	<b>0300</b> .06 .12
	<b>9746</b> .000
	<b>9533</b> .20
	<b>3600</b> .040 .055 .065
	<b>3630</b> .010 .020
	<b>3640</b> .010 .020

	Contents
	<b>3710</b> .03
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>3740</b> .10 .15 .20 .25 .27 .30 .40
	<b>2830</b> .180
	<b>2845</b> .160
	<b>2010</b> .10
	<b>9200</b> .30 .80

	Contents
	<b>9495</b> .250
	<b>9496</b> .200
	<b>9499</b> .103 .124 .125
	<b>9410</b> .012
	<b>9320</b> .00
	<b>9330</b> .00

# 223X.010

## UNIVERSAL SET ALLROUND IN CASE/BOX

**Contents:**

- > Combination spanner 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 27 mm
- > Adjustable wrench 6" 12"
- > Carbide scriber with clip 150 mm
- > Wood sectioned folding ruler 2 m
- > Screwdriver slotted 4 5,5 6,5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver cross-head Pozi PZ 1 PZ 2
- > Hexagon socket key set, 8 pieces, 2 2,5 3 4 5 6 8 10 mm
- > Hexagon socket key set, 7 pieces, TORX® T10 T15 T20 T25 T27 T30 T40
- > Voltage tester 3 mm
- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Water pump pliers 10"
- > Engineers' hammer 300 g 800 g
- > Flat cold chisel 250 mm
- > Cross-cut chisel 200 mm
- > Drift punch 3 4 5 mm
- > Centre punch 5 mm
- > Flat file 200 mm
- > Round file 200 mm



2232.010 Example image




2234.010 Example image




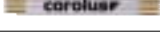
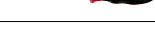










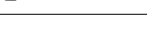
2236.010 Example image









2230.010 Example image

Code	No.	Description	
2661772	2230.010	Tool case + Universal set ALLROUND, 56 pcs	13.6
2661950	2232.010	Tool box + Universal set ALLROUND, 56 pcs	13.5
2661861	2234.010	Tool case + Universal set ALLROUND, 56 pcs	13.4
2662027	2236.010	Combi-bag + Universal set ALLROUND, 56 pcs	10.7

Contents	
	0900 .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190 .0210 .0220 .0240 .0270
	0300 .06 .12
	9746 .000
	9533 .20
	3600 .040 .055 .065
	3630 .010 .020
	3640 .010 .020

Contents	
	3710 .03
	3720 .02 .25 .03 .04 .05 .06 .08 .10
	3740 .10 .15 .20 .25 .27 .30 .40
	2830 .180
	2845 .160
	2010 .10
	9200 .30 .80

Contents	
	9495 .250
	9496 .200
	9499 .103 .124 .125
	9410 .012
	9320 .00
	9330 .00

> Empty storage products are also available - see pages 30 - 33





# 2200.020 UNIVERSAL SET MECHANIC

57 pieces

**Contents:**

- > Combination spanner 6 7 8 9 10 11 12 13 14 15 16 17 18 19 mm
- > Screwdriver slotted 3 4 5.5 6.5 mm
- > Screwdriver, stubby, slotted 4 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver, stubby, cross-head PH 1
- > Voltage tester 3 mm
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Socket 1/2" hexagon 8 10 11 12 13 14 15 16 17 18 19 22 24 mm
- > Ratchet 1/2"
- > Extension 1/2" 125 250 mm
- > Universal joint 1/2"
- > Spark plug socket 1/2" 16 20 mm magnetic
- > Holding rail 8"
- > Adaptor 1/2" for holding rail
- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Water pump pliers 10"
- > Engineers' hammer 300 g
- > Tape measure 3 m



Code  
**2255952**

No.  
2200.020

5.5

	Contents
	<b>0900</b> .0060 .0070 .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190
	<b>3600</b> .030 .040 .055 .065
	<b>3620</b> .040
	<b>3630</b> .010 .020
	<b>3650</b> .010
	<b>3711</b> .030
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10

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	<b>5190</b> .20
	<b>5150</b> .12 .25
	<b>5130</b> .00
	<b>5180</b> .16 .21
	<b>9630</b> .080
	<b>5195</b> .09

	Contents
	<b>2830</b> .180
	<b>2845</b> .160
	<b>2010</b> .10
	<b>9200</b> .30
	<b>9534</b> .03

# 223X.020

## UNIVERSAL SET MECHANIC IN CASE/BOX

**Contents:**

- > Combination spanner 6 7 8 9 10 11 12 13 14 15 16 17 18 19 mm
- > Screwdriver slotted 3 4 5.5 6.5 mm
- > Screwdriver, stubby, slotted 4 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver, stubby, cross-head PH 1
- > Voltage tester 3 mm
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Socket 1/2" hexagon 8 10 11 12 13 14 15 16 17 18 19 22 24 mm
- > Ratchet 1/2"
- > Extension 1/2" 125 250 mm
- > Universal joint 1/2"
- > Spark plug socket 1/2" 16 20 mm magnetic
- > Holding rail 8"
- > Adaptor 1/2" for holding rail
- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Water pump pliers 10"
- > Engineers' hammer 300 g
- > Tape measure 3 m



2232.020 Example image




2234.020 Example image










2236.020 Example image








2230.020 Example image

Code	No.	Description	
<b>2661780</b>	2230.020	Tool case + Universal set MECHANIC, 57 pcs	10.5
<b>2661969</b>	2232.020	Tool box + Universal set MECHANIC, 57 pcs	10.4
<b>2661888</b>	2234.020	Tool case + Universal set MECHANIC, 57 pcs	10.3
<b>2662000</b>	2236.020	Combi-bag + Universal set MECHANIC, 57 pcs	7.6

Contents	
	<b>0900</b> .0060 .0070 .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190
	<b>3600</b> .030 .040 .055 .065
	<b>3620</b> .040
	<b>3630</b> .010 .020
	<b>3650</b> .010
	<b>3711</b> .030
	<b>3720</b> .02 .025 .03 .04 .05 .06 .08 .10

Contents	
	<b>5100</b> .08 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .22 .24
	<b>5190</b> .20
	<b>5150</b> .12 .25
	<b>5130</b> .00
	<b>5180</b> .16 .21
	<b>9630</b> .080
	<b>5195</b> .09

Contents	
	<b>2830</b> .180
	<b>2845</b> .160
	<b>2010</b> .10
	<b>9200</b> .30
	<b>9534</b> .03

> Empty storage products are also available - see pages 30 - 33



# 2200.030












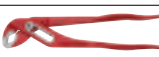

















## UNIVERSAL SET ALL-IN

107 pieces

### Contents:

- > Ratchet 1/2"
- > Extension 1/2" 125 250 mm
- > Universal joint 1/2"
- > Socket 1/2" hexagon 8 10 11 12 13 14 15 16 17 18 19 22 24 27 30 32 mm
- > Holding rail 8"
- > Adaptor 1/2" for holding rail
- > Ratchet 1/4"
- > Extension 1/4" 100 mm
- > Socket 1/4" hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm
- > Bit-Box, 31 pieces
- > Handle Minimus®
- > Hexagonal shaft with 1/4" drive for fittings
- > Universal joint 1/4"
- > Holding rail 6"
- > Adaptor 1/4" for holding rail
- > Ratchet wrench 8 9 10 11 12 13 14 15 17 19 mm
- > Screwdriver slotted 3 4 5.5 6.5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Combination pliers 180 mm
- > Heavy-duty side cutter 200 mm
- > Telephone pliers, straight pattern 200 mm
- > Water pump pliers 10"
- > Engineers' hammer 500 g
- > Flat cold chisel 150 mm
- > Centre punch 10 mm
- > Pin punch 4 mm
- > Drift punch 4 mm
- > Utility knife with pencil sharpener
- > Tape measure 5 m



Code	No.			
2255960	2200.030			8.6
	<b>5190</b> .20		<b>4002</b> .42	
	<b>5150</b> .12 .25		<b>4002</b> .40	
	<b>5130</b> .00		<b>9630</b> .060	
	<b>5100</b> .08 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .22 .24 .27 .30 .32		<b>4195</b> .09	
	<b>9630</b> .080		<b>1700</b> .08 .09 .10 .11 .12 .13 .14 .15 .17 .19	
	<b>5195</b> .09		<b>3600</b> .030 .040 .055 .065	
	<b>4177</b> .20		<b>3630</b> .010 .020	
	<b>4179</b> .00		<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10	
	<b>4179</b> .80		<b>3000</b> .01	
	<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13 .14			

# 223X.030 UNIVERSAL SET ALL-IN IN CASE/BOX

**Contents:**

- > Ratchet 1/2"
- > Extension 1/2" 125 250 mm
- > Universal joint 1/2"
- > Socket 1/2" hexagon 8 10 11 12 13 14 15 16 17 18 19 22 24 27 30 32 mm
- > Holding rail 8"
- > Adaptor 1/2" for holding rail
- > Ratchet 1/4"
- > Extension 1/4" 100 mm
- > Socket 1/4" hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm
- > Bit-Box, 31 pieces
- > Handle Minimus®
- > Hexagonal shaft with 1/4" drive for fittings
- > Universal joint 1/4"
- > Holding rail 6"
- > Adaptor 1/4" for holding rail
- > Ratchet wrench 8 9 10 11 12 13 14 15 17 19 mm
- > Screwdriver slotted 3 4 5.5 6.5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Combination pliers 180 mm
- > Heavy-duty side cutter 200 mm
- > Telephone pliers, straight pattern 200 mm
- > Water pump pliers 10"
- > Engineers' hammer 500 g
- > Flat cold chisel 150 mm
- > Centre punch 10 mm
- > Pin punch 4 mm
- > Drift punch 4 mm
- > Utility knife with pencil sharpener
- > Tape measure 5 m




2232.030 Example image












2234.030 Example image







2230.030 Example image

Code	No.	Description	
<b>2661802</b>	2230.030	Tool case + Universal set ALL-IN, 107 pcs	13.6
<b>2651858</b>	2232.030	Tool box + Universal set ALL-IN, 107 pcs	13.5
<b>2661896</b>	2234.030	Tool case + Universal set ALL-IN, 107 pcs	13.4

Contents	
	<b>5190</b> .20
	<b>5150</b> .12 .25
	<b>5130</b> .00
	<b>5100</b> .08 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .22 .24 .27 .30 .32
	<b>9630</b> .080
	<b>5195</b> .09
	<b>4177</b> .20
	<b>4179</b> .00 .80
	<b>4179</b> .80
	<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13 .14
	<b>4002</b> .42

Contents	
	<b>4002</b> .40
	<b>9630</b> .060
	<b>4195</b> .09
	<b>1700</b> .08 .09 .10 .11 .12 .13 .14 .15 .17 .19
	<b>3600</b> .030 .040 .055 .065
	<b>3630</b> .010 .020
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>3000</b> .01
	<b>2830</b> .180
	<b>2840</b> .200

Contents	
	<b>2850</b> .200
	<b>2010</b> .10
	<b>9200</b> .50
	<b>9495</b> .150
	<b>9410</b> .010
	<b>9411</b> .94
	<b>9499</b> .124
	<b>9110</b> .00
	<b>9110</b> .00
	<b>9534</b> .05

> Empty storage products are also available - see pages 30 - 33

# 2200.040

## SPECIAL SET ELECTRO-TECHNICS

41 pieces

### Contents:

- > Double open ended spanner 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 mm
- > Engineers' hammer 300 g
- > Club hammer 1000 g
- > Carbide scriber with clip 150 mm
- > Centre punch 12 mm
- > Flat cold chisel 250 mm
- > Point chisel 250 mm
- > Electricians' chisel 250 mm
- > Universal voltage tester 6-400 V AC/DC
- > Voltage tester 3 mm
- > Wood sectioned folding ruler 2 m
- > Scraper 60 mm
- > VDE Screwdriver slotted 2.5 3 4 5.5 mm
- > VDE Screwdriver cross-head PH 1 PH 2
- > VDE Combination pliers 180 mm
- > VDE Side cutter 160 mm
- > VDE Telephone pliers, angled pattern 200 mm
- > VDE Cable knife
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Spirit level 300 mm
- > Pencil



Code	No.			
2255979	2200.040			7.0
		Contents	Contents	Contents
		<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427	<b>3685</b> .01 .02	
		<b>9200</b> .30	<b>3715</b> .000	
		<b>9250</b> .00	<b>3710</b> .03	
		<b>9410</b> .012	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10	
		<b>9411</b> .250	<b>9525</b> .00	
		<b>9412</b> .250	<b>2930</b> .180	
		<b>9495</b> .250	<b>2945</b> .180	
		<b>3675</b> .025 .030 .040 .055	<b>2951</b> .200	



# 223X.040 SPECIAL SET ELECTRO-TECHNICS IN CASE/BOX

**Contents:**

- > Double open ended spanner 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 mm
- > Engineers' hammer 300 g
- > Club hammer 1000 g
- > Carbide scriber with clip 150 mm
- > Centre punch 12 mm
- > Flat cold chisel 250 mm
- > Point chisel 250 mm
- > Electricians' chisel 250 mm
- > Universal voltage tester 6-400 V AC/DC
- > Voltage tester 3 mm
- > Wood sectioned folding ruler 2 m
- > Scraper 60 mm
- > VDE Screwdriver slotted 2.5 3 4 5.5 mm
- > VDE Screwdriver cross-head PH 1 PH 2
- > VDE Combination pliers 180 mm
- > VDE Side cutter 160 mm
- > VDE Telephone pliers, angled pattern 200 mm
- > VDE Cable knife
- > Hexagon socket key set, 8 pieces, 2 2.5 3 4 5 6 8 10 mm
- > Spirit level 300 mm
- > Pencil



2232.040 Example image




2234.040 Example image



















2236.040 Example image

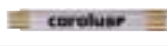






2230.040 Example image

Code	No.	Description	
<b>2661810</b>	2230.040	Tool case + Universal set ELECTRO-TECHNICS, 41 pcs	12.0
<b>2661977</b>	2232.040	Tool box + Universal set ELECTRO-TECHNICS, 41 pcs	11.9
<b>2661918</b>	2234.040	Tool case + Universal set ELECTRO-TECHNICS, 41 pcs	11.8
<b>2662043</b>	2236.040	Combi-bag + Universal set ELECTRO-TECHNICS, 41 pcs	9.1

Contents	
	<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427
	<b>9200</b> .30
	<b>9250</b> .00
	<b>9410</b> .012
	<b>9411</b> .250
	<b>9412</b> .250
	<b>9495</b> .250
	<b>3675</b> .025 .030 .040 .055

Contents	
	<b>3685</b> .01 .02
	<b>3715</b> .000
	<b>3710</b> .03
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>9525</b> .00
	<b>2930</b> .180
	<b>2945</b> .180
	<b>2951</b> .200

Contents	
	<b>9533</b> .20
	<b>9746</b> .000
	<b>9530</b> .0300
	<b>9175</b> .060
	<b>9990</b> .000

> Empty storage products are also available - see pages 30 - 33

# 2200.060

## SPECIAL SET METAL WORK

60 pieces

### Contents:

- > Double open ended spanner  
6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32 mm
- > Double ended ring spanner  
6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32 mm
- > Adjustable wrench 6" 12"
- > Reversible ratchet wrench 8 10 13 17 19 mm
- > Carbide scriber with clip 150 mm
- > Wood sectioned folding ruler 2 m
- > Screwdriver slotted 4 5,5 6,5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver cross-head Pozi PZ 1 PZ 2
- > Screwdriver with T-handle 2,5 3 4 5 6 8 10 mm
- > Combination pliers 200 mm
- > Heavy-duty side cutter 180 mm
- > Water pump pliers 10" with automatic single-hand adjustment
- > Curved jaw locking pliers 10"
- > Engineers' hammer 300 g 800 g
- > Flat cold chisel 250 mm
- > Cross-cut chisel 200 mm
- > Drift punch 2 3 4 mm
- > Centre punch 12 mm
- > Flat file
- > Round file
- > Multifunction saw



Code  
2255995

No.  
2200.060

12.3

Contents	
	<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427 .3032
	<b>0100</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427 .3032
	<b>0300</b> .06 .12
	<b>1710</b> .08 .10 .13 .17 .19
	<b>3600</b> .040 .055 .065
	<b>3630</b> .010 .020
	<b>3640</b> .010 .020

Contents	
	<b>3810</b> .025 .030 .040 .050 .060 .080 .100
	<b>2830</b> .200
	<b>2840</b> .180
	<b>2815</b> .10
	<b>2820</b> .10
	<b>9200</b> .30 .80
	<b>9495</b> .250

Contents	
	<b>9496</b> .200
	<b>9499</b> .102 .103 .124
	<b>9410</b> .012
	<b>9320</b> .00
	<b>9330</b> .00
	<b>9746</b> .000
	<b>9533</b> .20
	<b>9150</b> .00

# 223X.060

## SPECIAL SET METAL WORK IN CASE/BOX

**Contents:**

- > Double open ended spanner  
6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32 mm
- > Double ended ring spanner  
6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32 mm
- > Adjustable wrench 6" 12"
- > Reversible ratchet wrench 8 10 13 17 19 mm
- > Carbide scriber with clip 150 mm
- > Wood sectioned folding ruler 2 m
- > Screwdriver slotted 4 5,5 6,5 mm
- > Screwdriver cross-head PH 1 PH 2
- > Screwdriver cross-head Pozi PZ 1 PZ 2
- > Screwdriver with T-handle 2,5 3 4 5 6 8 10 mm
- > Combination pliers 200 mm
- > Heavy-duty side cutter 180 mm
- > Water pump pliers 10" with automatic single-hand adjustment
- > Curved jaw locking pliers 10"
- > Engineers' hammer 300 g 800 g
- > Flat cold chisel 250 mm
- > Cross-cut chisel 200 mm
- > Drift punch 2 3 4 mm
- > Centre punch 12 mm
- > Flat file
- > Round file
- > Multifunction saw




2232.060 Example image











2234.060 Example image








2230.060 Example image

Code	No.	Description	
<b>2544504</b>	2230.060	Tool case + special set METAL WORK, 60 pcs	17.3
<b>2661993</b>	2232.060	Tool box + special set METAL WORK, 60 pcs	17.3
<b>2661934</b>	2234.060	Tool case + special set METAL WORK, 60 pcs	17.1

Contents	
	<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427 .3032
	<b>0100</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022 .2123 .2427 .3032
	<b>0300</b> .06 .12
	<b>1710</b> .08 .10 .13 .17 .19
	<b>3600</b> .040 .055 .065
	<b>3630</b> .010 .020
	<b>3640</b> .010 .020
	<b>3810</b> .025 .030 .040 .050 .060 .080 .100

Contents	
	<b>2830</b> .200
	<b>2840</b> .180
	<b>2815</b> .10
	<b>2820</b> .10
	<b>9200</b> .30 .80
	<b>9495</b> .250
	<b>9496</b> .200
	<b>9499</b> .102 .103 .124
	<b>9410</b> .012

Contents	
	<b>9320</b> .00
	<b>9330</b> .00
	<b>9746</b> .000
	<b>9533</b> .20
	<b>9150</b> .00

> Empty storage products are also available - see pages 30 - 33



# 2200.070 TOOL SET IN PLASTIC MODULES


80 pieces

**Contents:**









- > 2020.95 Screwdriver set in 1/3 module
- > 2020.93 Pliers set in 1/3 module
- > 2020.94 Hammer and chisel set in 1/3 module
- > 2020.96 Socket set 1/2" in 1/3 module
- > 2020.97 Ratchet and accessories 1/2" in 1/3 module
- > 2020.721 Screwdriver set in 1/3 module
- > 2020.710 Combination spanner set and hexagon socket keys in 2/3 module
- > 2020.700 1/3 tool module empty
- > 9112.00 Utility knife







> suitable for tool trolley MECHANIC  
2046.10 / 2046.20

Code	No.	
2267306	2200.070	13.0

Contents	
	<b>2830</b> .180
	<b>2010</b> .10
	<b>2850</b> .160
	<b>2845</b> .160
	<b>9200</b> .30
	<b>9495</b> .125 .150
	<b>9496</b> .125
	<b>9499</b> .103
	<b>9410</b> .010
	<b>9411</b> .94

Contents	
	<b>3600</b> .040 .055 .065 .080
	<b>3630</b> .010 .020
	<b>5100</b> .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32
	<b>5135</b> .06 .07 .08 .09 .10 .12 .14
	<b>5190</b> .30
	<b>5130</b> .00
	<b>5140</b> .00
	<b>5150</b> .12 .25

Contents	
	<b>0900</b> .0060 .0070 .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190 .0210 .0220 .0240
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>3690</b> .100 .150 .200 .250 .300 .400
	<b>9112</b> .00

# 2200.080

## TOOL SET IN PLASTIC MODULES














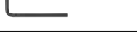




















118 pieces

**Contents:**

- > 2020.93 Pliers set in 1/3 module
- > 2020.85 Socket set 1/4" in 1/3 module
- > 2020.96 Socket set 1/2" in 1/3 module
- > 2020.95 Screwdriver set in 1/3 module
- > 2020.94 Hammer and chisel set in 1/3 module
- > 2020.97 Ratchet and accessories 1/2" in 1/3 module
- > 2020.721 Screwdriver set in 1/3 module
- > 2020.710 Combination spanner set and hexagon socket keys in 2/3 module
- > 9112.00 Utility knife
- > 9534.03 Tape measure 3 m



> suitable for tool trolley MECHANIC  
2046.10 / 2046.20

Code	No.	kg
2267314	2200.080	14.0
	<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	 <b>5190</b> .30
	<b>4173</b> .10 .15 .20 .25 .27 .30 .40	 <b>5130</b> .00
	<b>4178</b> .03 .04 .05 .06 .08 .10	 <b>5140</b> .00
	<b>4179</b> .55 .65	 <b>5150</b> .12 .25
	<b>4179</b> .20 .30 .40	 <b>0900</b> .0060 .0070 .0080 .0090 .0100 .0110 .0120 .0130 .0140 .0150 .0160 .0170 .0180 .0190 .0210 .0220 .0240
	<b>4172</b> .10 .20	 <b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>4179</b> .70	 <b>3690</b> .100 .150 .200 .250 .300 .400
	<b>4179</b> .94	 <b>9112</b> .00
	<b>4179</b> .00	 <b>9534</b> .03
	<b>4179</b> .80	
	<b>4177</b> .20	
	<b>2830</b> .180	
	<b>2010</b> .10	
	<b>2850</b> .160	
	<b>2845</b> .160	
	<b>9200</b> .30	
	<b>9495</b> .125 .150	
	<b>9496</b> .125	
	<b>9499</b> .103	
	<b>9410</b> .010	
	<b>9411</b> .94	
	<b>3600</b> .040 .055 .065 .080	
	<b>3630</b> .010 .020	
	<b>5100</b> .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32	
	<b>5135</b> .06 .07 .08 .09 .10 .12 .14	





# 2200.090

## TOOL SET IN PLASTIC MODULES

164 pieces

**Contents:**

- > 2020.85 Socket set 1/4" in 1/3 module
- > 2020.91 Double ended ring spanner set in 1/3 module
- > 2020.93 Pliers set in 1/3 module
- > 2020.94 Hammer and chisel set in 1/3 module
- > 2020.96 Socket set 1/2" in 1/3 module
- > 2020.97 Ratchet and accessories 1/2" in 1/3 module
- > 2020.700 1/3 tool module empty
- > 2020.711 Reversible ratchet wrench set in 2/3 module
- > 2020.720 Screwdriver set in 1/3 module
- > 2020.721 Screwdriver set in 1/3 module
- > 2020.724 Circlip pliers set in 1/3 module
- > 2820.10 Locking plier 10"
- > 3000.01 Bit box 1/4" PROFI
- > 3600.00 Magnetizer
- > 9000.00 Digital calliper
- > 9112.00 Utility knife
- > 9010.00 Feeler gauge set, 13 pcs
- > 9340.00 Half-round file
- > 9534.03 Tape measure 3 m



> suitable for tool trolley  
MECHANIC 2046.10 / 2046.20

Code	No.	
<b>2267322</b>	<b>2200.090</b>	19.0
<b>Contents</b>	<b>Contents</b>	<b>Contents</b>
<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	<b>9495</b> .125 .150	<b>2860</b> .19
<b>4173</b> .10 .15 .20 .25 .27 .30 .40	<b>9496</b> .125	<b>2861</b> .19
<b>4178</b> .03 .04 .05 .06 .08 .10	<b>9499</b> .103	<b>2870</b> .19
<b>4179</b> .55 .65	<b>9410</b> .010	<b>2871</b> .19
<b>4179</b> .20 .30 .40	<b>9411</b> .94	<b>2820</b> .10
<b>4172</b> .10 .20	<b>5100</b> .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32	<b>9340</b> .00
<b>4179</b> .70	<b>5135</b> .06 .07 .08 .09 .10 .12 .14	<b>9112</b> .00
<b>4179</b> .94	<b>5190</b> .30	<b>9534</b> .03
<b>4179</b> .00	<b>5130</b> .00	<b>9010</b> .00
<b>4179</b> .80	<b>5140</b> .00	<b>9000</b> .00
<b>4177</b> .20	<b>5150</b> .12 .25	<b>3600</b> .00
<b>0100</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022	<b>1710</b> .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22	<b>3000</b> .01
<b>2830</b> .180	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10	<b>2020</b> .700
<b>2010</b> .10	<b>3600</b> .040 .055 .065 .080	
<b>2850</b> .160	<b>3640</b> .010 .020	
<b>2845</b> .160	<b>3690</b> .100 .150 .200 .250 .300 .400	
<b>9200</b> .30		

# 2250.5801

## TOOL SET IN FOAM MODULES










































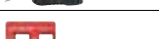



























222 pieces

**Contents:**

- > 2250.901 Tool set sockets, ratchet, accessories 1/4"-1/2"
- > 2250.902 Tool set pliers, hammers, chisels
- > 2250.903 Tool set screwdrivers, files
- > 2250.904 Tool set ratchet wrenches, open ended spanners
- > 2250.905 Tool set measuring and cutting
- > 3000.02 Bit box 1/4" BICOLOR



> suitable for tool trolley  
MECHANIC, WINGMAN 2057.10

Code	No.	kg
<b>2862204</b>	2250.5801	16.6
 <b>4172</b> .10 .20	 <b>2860</b> .19	 <b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
 <b>4173</b> .10 .15 .20 .25 .27 .30 .40	 <b>2861</b> .19	 <b>4125</b> .00
 <b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13 .14	 <b>2870</b> .19	 <b>9310</b> .00
 <b>4176</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	 <b>2870</b> .19	 <b>9330</b> .00
 <b>4178</b> .03 .04 .05 .06 .08 .10	 <b>2871</b> .19	 <b>9340</b> .00
 <b>4179</b> .55 .65	 <b>9010</b> .00	 <b>1710</b> .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .22
 <b>4179</b> .20 .30 .40	 <b>2820</b> .10	 <b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022
 <b>4177</b> .20	 <b>2830</b> .180	 <b>9000</b> .00
 <b>4179</b> .00	 <b>2845</b> .160	 <b>9100</b> .00
 <b>4179</b> .70	 <b>2850</b> .160	 <b>9100</b> .05
 <b>4179</b> .80	 <b>2010</b> .10	 <b>9100</b> .10
 <b>4002</b> .40	 <b>9200</b> .30	 <b>9534</b> .03
 <b>4002</b> .42	 <b>9495</b> .125 .150	 <b>3600</b> .00
 <b>5100</b> .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32	 <b>9496</b> .125	 <b>9150</b> .00
 <b>5135</b> .06 .07 .08 .09 .10 .12 .14	 <b>9410</b> .010	 <b>9530</b> .0300
 <b>5180</b> .16 .21	 <b>9411</b> .94	 <b>9533</b> .20
 <b>5130</b> .00	 <b>9499</b> .103	 <b>9990</b> .000
 <b>5140</b> .00	 <b>3600</b> .040 .055 .065 .080	 <b>9746</b> .000
 <b>5150</b> .12 .25	 <b>3630</b> .010 .020	 <b>9930</b> .000
 <b>5190</b> .30	 <b>3690</b> .100 .150 .200 .250 .300 .400	 <b>3000</b> .02
 <b>0300</b> .08	 <b>3710</b> .03	 <b>9930</b> .000
	 <b>3710</b> .03	 <b>9930</b> .000
	 <b>3710</b> .03	 <b>9930</b> .000
	 <b>3710</b> .03	 <b>9930</b> .000



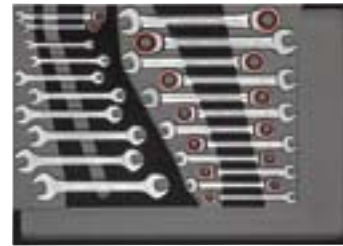
# 2250.3802

## TOOL SET IN FOAM MODULES


















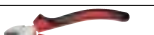













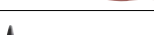






130 pieces

**Contents:**

- > 2250.901 Tool set sockets, ratchet, accessories 1/4"-1/2"
- > 2250.906 Tool set screwdrivers, pliers, hammer, chisel
- > 2250.907 Tool set ratchet wrenches, open-ended spanners



> suitable for tool trolley  
MECHANIC, WINGMAN  
2054.10 / 2057.10

Code	No.				
<b>2862212</b>	2250.3802			13.6	
		<b>Contents</b>	<b>Contents</b>	<b>Contents</b>	
	<b>4172</b>	.10 .20		<b>5180</b>	.16 .21
	<b>4173</b>	.10 .15 .20 .25 .27 .30 .40		<b>5130</b>	.00
	<b>4177</b>	.04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13 .14		<b>5140</b>	.00
	<b>4176</b>	.04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13		<b>5150</b>	.12 .25
	<b>4178</b>	.03 .04 .05 .06 .08 .10		<b>5190</b>	.30
	<b>4179</b>	.55 .65		<b>0300</b>	.08
	<b>4179</b>	.20 .30 .40		<b>2830</b>	.180
	<b>4177</b>	.20		<b>2845</b>	.160
	<b>4179</b>	.00		<b>2850</b>	.200
	<b>4179</b>	.70		<b>3600</b>	.030 .040 .055 .065
	<b>4179</b>	.80		<b>3630</b>	.010 .020
	<b>4002</b>	.40		<b>3690</b>	.100 .150 .200 .250 .300 .400
	<b>4002</b>	.42		<b>2010</b>	.10
	<b>4002</b>	.42		<b>2010</b>	.10
	<b>5100</b>	.10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32		<b>9200</b>	.30
	<b>5135</b>	.06 .07 .08 .09 .10 .12 .14		<b>9497</b>	.125 .150
	<b>5135</b>	.06 .07 .08 .09 .10 .12 .14		<b>9497</b>	.125 .150
	<b>5135</b>	.06 .07 .08 .09 .10 .12 .14		<b>9497</b>	.125 .150
	<b>5135</b>	.06 .07 .08 .09 .10 .12 .14		<b>9497</b>	.125 .150

# 2250.5803

## TOOL SET IN FOAM MODULES

222 pieces































### Contents:































- > 2250.901 Tool set sockets, ratchet, accessories 1/4"-1/2"
- > 2250.902 Tool set pliers, hammers, chisels
- > 2250.903 Tool set screwdrivers, files
- > 2250.905 Tool set measuring and cutting
- > 2250.907 Tool set ratchet wrenches, open-ended spanners
- > 3000.02 Bit box 1/4" BICOLOR




> suitable for tool trolley MECHANIC,  
WINGMAN 2057.10



	Contents
	<b>4172</b> .10 .20
	<b>4173</b> .10 .15 .20 .25 .27 .30 .40
	<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13 .14
	<b>4176</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13
	<b>4178</b> .03 .04 .05 .06 .08 .10
	<b>4179</b> .55 .65
	<b>4179</b> .20 .30 .40
	<b>4177</b> .20
	<b>4179</b> .00
	<b>4179</b> .70
	<b>4179</b> .80
	<b>4002</b> .40
	<b>4002</b> .42
	<b>5100</b> .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .23 .24 .26 .27 .28 .30 .32
	<b>5135</b> .06 .07 .08 .09 .10 .12 .14
	<b>5180</b> .16 .21
	<b>5130</b> .00
	<b>5140</b> .00
	<b>5150</b> .12 .25
	<b>5190</b> .30
	<b>0300</b> .08
	<b>2860</b> .19
	<b>2861</b> .19
	<b>2870</b> .19
	<b>2871</b> .19
	<b>9010</b> .00
	<b>2820</b> .10
	<b>2830</b> .180
	<b>2845</b> .160
	<b>2850</b> .160

	Contents
	<b>2010</b> .10
	<b>9200</b> .30
	<b>9495</b> .125 .150
	<b>9496</b> .125
	<b>9410</b> .010
	<b>9411</b> .94
	<b>9499</b> .103
	<b>3600</b> .040 .055 .065 .080
	<b>3630</b> .010 .020
	<b>3690</b> .100 .150 .200 .250 .300 .400
	<b>3710</b> .03
	<b>3720</b> .02 .25 .03 .04 .05 .06 .08 .10
	<b>4125</b> .00
	<b>9310</b> .00
	<b>9330</b> .00
	<b>9340</b> .00
	<b>9000</b> .00
	<b>9100</b> .00
	<b>9100</b> .05
	<b>9100</b> .10
	<b>9534</b> .03
	<b>3600</b> .00
	<b>9150</b> .00
	<b>9530</b> .0300
	<b>9533</b> .20
	<b>9990</b> .000
	<b>9746</b> .000
	<b>9930</b> .000
	<b>1700</b> .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .22
	<b>0500</b> .0607 .0809 .1011 .1213 .1415 .1617 .1819 .2022

	Contents
	<b>3000</b> .02





# TOOL CASES

High-quality tools deserve high quality protection: Our tool cases provide strong covers, secure hinges and optimum protection against corrosion.

For a better overview at work: here you'll find everything you need.





## 2030.00 TOOL CASE



- > Made from sheet steel
- > 5 compartments
- > Dimensions: W 535 x H 260 x D 210 mm
- > **Without tools**



- > This item is also available including tools - please refer to page 11 - 22



Code	No.	kg
1887831	2030.00	5.0

## 2032.00 TOOL BOX



- > From polypropylene
- > Includes four sorting boxes with adjustable compartments for small parts
- > Additional generous storage under lid. The compartment is large enough for standard-size power tools
- > Stable and ergonomic seat
- > Recessed folding handle allows convenient transport and use as a seat
- > The box is capable of carrying a 150 kg load, allowing use as a step stool
- > Dimensions: L 420 x D 303 x H 400 mm
- > **Without tools**



- > This item is also available including tools - please refer to page 11 - 22



Code	No.	kg
2247674	2032.00	4.9

## 2034.001 TOOL CASE



- > Tool case made of ABS
- > 1 document area in lid, fixed with Velcro®, detachable
- > 1 lid tool pallet with pouches plus on 2 sides
- > 1 bottom tool pallet with pouches on one side
- > 2 metal locks with keys
- > Bottom area with variable dividers (big or small parts)
- > Dimensions: L 445 x D 180 x H 380 mm
- > **Without tools**



- > This item is also available including tools - please refer to page 11 - 22



Code	No.	
2690713	2034.001	4.5

## 2035.00 TOOL BOX 16"



- > Impact-proof plastic
- > High design for bulky tools
- > Small parts compartments in the lid
- > Interior compartments with handle
- > Hasp for padlock
- > 2 locks
- > Dimensions: W 405 x H 240 x D 255 mm



Code	No.	
2681218	2035.00	1.4

## 2036.001

### MULTIFUNCTION COMBIBAG

- > **Laptop bag up to 17"**
- > Padded compartment for safe transport of laptop and accessories
- > Compartment for Smartphone
- > Compartments for pens
- > Small parts compartments, open and closable
- > Compartment for ring binder
- > Outside pocket on rear
- > Trolley holder
- > Separate carrying handles
- > Padded shoulder strap for comfortable transport
- > Stable metal eyelets for shoulder strap
- > **Detachable bag for tools**
- > With reinforced zipper to tie to the laptop bag
- > Large, double front pocket with top and front zipper
- > 18 large inside pocket for tools
- > 26 stretch straps for tools with different diameters
- > Separate carrying handles
- > Anti-slip protection areas at the bottom
- > Material 1680D Nylon
- > Dimensions: 480x370x140 mm (empty)
- > **Without tools**



- > This item is also available including tools - please refer to page 11 - 22





# WORKSHOP FURNITURE

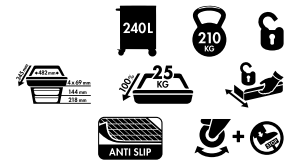
Those who value order in the workplace will appreciate the carolus workshop trolley. Mobile, space-saving and extremely easy to care for, they bring order to chaos. Composed of powder-coated sheet panel parts, the trolleys offer optimum protection.





## 2046

### WORKSHOP TROLLEY MECHANIC WITH 6 DRAWERS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories
- > 6 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion
- > Load capacity 25 kg per drawer, variable partitionable
- > Drawer size inside: W 482 x D 345 mm, front height 4x 69 mm, 1x 144 mm, 1x 218 mm
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 100 mm, one with double wheel locking, two fixed castors Ø 140 mm, laterally protruding, therefore high stability
- > Load capacity 210 kg
- > Dimensions: H 910 x W 628 x D 418 mm (without handle)



Code	No.	Description	H	W	D	kg
<b>2835940</b>	2046.10	Workshop trolley MECHANIC, 6 drawers, red/anthracite	910	628	418	56.0
<b>2836130</b>	2046.20	Workshop trolley MECHANIC, 6 drawers, blue/light-grey	910	628	418	56.0

#### PARTS/ACCESSORIES

Code	No.	Description	kg
<b>2885387</b>	2046.9901	Spare lock with key for MECHANIC	0.060
<b>2885395</b>	2046.9902	Spare ball bearing slides for MECHANIC	0.760
<b>2885409</b>	2046.9903	Fixed castors for MECHANIC	0.580
<b>2885417</b>	2046.9904	Swivel castor with brake for MECHANIC	0.950

## 2046.9916

### SET OF LENGTHWISE DIVIDERS FOR MECHANIC

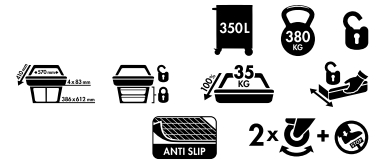
6 pieces



Code	No.	L	H	W	kg
<b>2920689</b>	2046.9916	343	60	0.8	0.350

# 2054

## WORKSHOP TROLLEY WINGMAN WITH 4 DRAWERS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories, with paper roll holder, can holder, waste basket
- > Large handle on either side
- > 4 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion, therefore high stability
- > Load capacity 35 kg per drawer
- > Drawer size inside: W 570 x D 410 mm
- > Drawers with anti-slip mat
- > 4 drawers front height 83 mm
- > Large compartment with 2 lockable wing doors
- > Dimensions per door: H 386 x W 306 mm
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 125 mm, with brake, two fixed castors
- > Load capacity 380 kg
- > Dimensions: H 1034 x W 724 x D 470 mm (without handle)



Code	No.	Description	H	W	D		kg
2859513	2054.10	Workshop trolley WINGMAN, 4 drawers, red/anthracite	1034	724	470	Drawers: 4x H = 83 mm Compartment: H = 386 mm W = 612 mm	68.0

### PARTS/ACCESSORIES

Code	No.	Description	kg
2885344	2057.9901	Spare lock with key for WINGMAN	0.060
2885352	2057.9902	Spare ball bearing slides for WINGMAN	1.180
2885360	2057.9903	Fixed castor for WINGMAN	1.300
2885379	2057.9904	Swivel castor with brake for WINGMAN	2.040
2885425	2057.9910	Anti-slip mat 565x405mm for MECHANIC and WINGMAN	0.100



## 2057

### WORKSHOP TROLLEY WINGMAN WITH 7 DRAWERS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories, with paper roll holder, can holder, waste basket
- > Large handle on either side
- > 7 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion, therefore high stability
- > Load capacity 35 kg per drawer
- > Drawer size inside: W 570 x D 410 mm
- > 5 drawers front height 83 mm
- > 2 drawers front height 155 mm
- > Drawers with anti-slip mat
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 125 mm, with brake, two fixed castors
- > Load capacity 450 kg
- > Dimensions: H 1034 x W 724 x D 470 mm (without handle)



Code	No.	H	W	D		
2857448	2057.10	1034	724	470	Drawers: 5x H = 83 mm 2x H = 155 mm	80.0

# 2246.XXXX

## WORKSHOP TROLLEY MECHANIC AND ASSORTMENTS

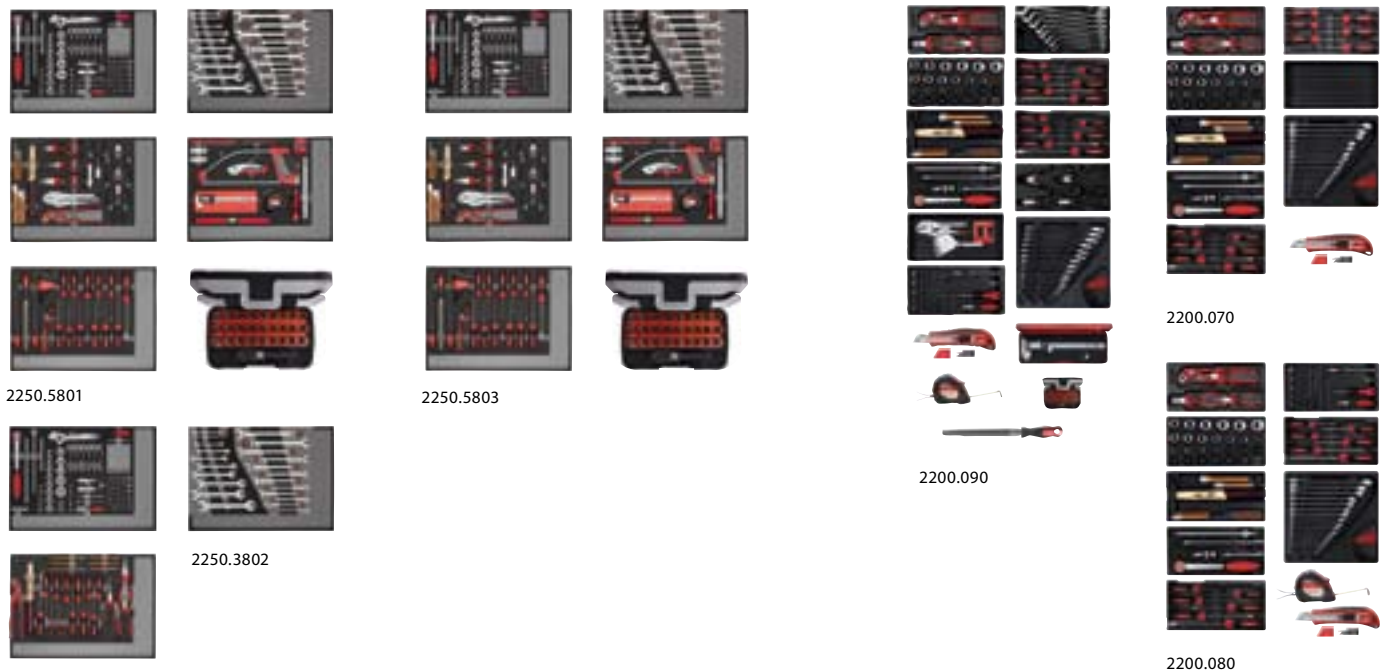


- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories
- > 6 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion
- > Load capacity 25 kg per drawer, variable partitionable
- > Drawer size inside: W 482 x D 345 mm, front height 4x 69 mm, 1x 144 mm, 1x 218 mm
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 100 mm, one with double wheel locking, two fixed castors Ø 140 mm, laterally protruding, therefore high stability
- > Load capacity 210 kg
- > Dimensions: H 910 x W 628 x D 418 mm (without handle)



Code	No.	Description	kg
2862336	2246.1070	Workshop trolley MECHANIC red with tool set 2200.070, 80 pcs	69.0
2862344	2246.1080	Workshop trolley MECHANIC red with tool set 2200.080, 118 pcs	70.0
2862352	2246.1090	Workshop trolley MECHANIC red + 2200.090 tool set 164 pcs	75.0
2862395	2246.1801	Workshop trolley MECHANIC red with tool set 2250.5801, 222 pcs	72.6
2862409	2246.1802	Workshop trolley MECHANIC red with tool set 2250.3802, 130 pcs	69.6
2862417	2246.1803	Workshop trolley MECHANIC red with tool set 2250.5803, 222 pcs	76.0
2862360	2246.2070	Workshop trolley MECHANIC blue with tool set 2200.070, 80 pcs	69.0
2862379	2246.2080	Workshop trolley MECHANIC blue with tool set 2200.080, 118 pcs	70.0
2862387	2246.2090	Workshop trolley MECHANIC blue with tool set 2200.090, 164 pcs	75.0
2862425	2246.2801	Workshop trolley MECHANIC blue with tool set 2250.5801, 222 pcs	72.6
2862433	2246.2802	Workshop trolley MECHANIC blue with tool set 2250.3802, 130 pcs	69.6
2862441	2246.2803	Workshop trolley MECHANIC blue with tool set 2250.5803, 222 pcs	76.0

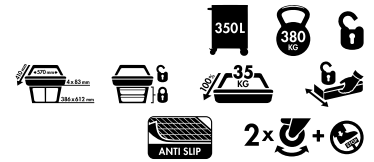
## OVERVIEW ASSORTMENTS MECHANIC



# 2254.1802

## WORKSHOP TROLLEY WINGMAN

### WITH TOOL SET 2250.3802, 130 PCS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories, with paper roll holder, can holder, waste basket
- > Large handle on either side
- > 4 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion, therefore high stability
- > Load capacity 35 kg per drawer
- > Drawer size inside: W 570 x D 410 mm
- > Drawers with anti-slip mat
- > 4 drawers front height 83 mm
- > Large compartment with 2 lockable wing doors
- > Dimensions per door: H 386 x W 306 mm
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 125 mm, with brake, two fixed castors
- > Load capacity 380 kg
- > Dimensions: H 1034 x W 724 x D 470 mm (without handle)
- Contents:**
- > 2250.901 Tool set sockets, ratchet, accessories 1/4"-1/2"
- > 2250.906 Tool set screwdrivers, pliers, hammer, chisel
- > 2250.907 Tool set ratchet wrenches, open-ended spanners



Code	No.	H	W	D	kg
2862492	2254.1802	1034	724	470	81.6

# 2257.XXXX

## WORKSHOP TROLLEY WINGMAN AND ASSORTMENTS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Working platform with ABS top
- > Side frame with square perforation for accessories, with paper roll holder, can holder, waste basket
- > Large handle on either side
- > 7 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion, therefore high stability
- > Load capacity 35 kg per drawer
- > Drawer size inside: W 570 x D 410 mm
- > 5 drawers front height 83 mm
- > 2 drawers front height 155 mm
- > Drawers with anti-slip mat
- > Central locking with cylinder lock, supplied with two keys
- > Two swivel castors Ø 125 mm, with brake, two fixed castors
- > Load capacity 450 kg
- > Dimensions: H 1034 x W 724 x D 470 mm (without handle)



Code	No.	Description	Weight
2862530	2257.1801	Workshop trolley WINGMAN with tool set 2250.5801, 222 pcs	96.6
2862549	2257.1802	Workshop trolley WINGMAN + 2250.3802 tool set 130 pcs	93.6
2862557	2257.1803	Workshop trolley WINGMAN with tool set 2250.5803, 222 pcs	100.0

## OVERVIEW ASSORTMENTS WINGMAN



2250.5801

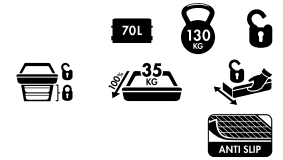


2250.3802



2250.5803

# 2053 TOOL CHEST WINGMAN WITH 3 DRAWERS



- > In strong, sheet steel construction, torsionally rigid, to take high loadings
- > Large carrying handles on either side
- > 3 drawers with telescopic full extension and individual locking device (single-hand operation)
- > Individual locking device on every drawer prevents them from opening when the trolley is in motion, therefore high stability
- > Load capacity 35 kg per drawer
- > Drawer size inside: H 570 x D 410 mm
- > 3 drawers front height 83 mm
- > Drawers with anti-slip mat
- > Generous storage under lid, lid with brake, opening angle 90 degrees, usable as work surface
- > Compartment size: W 520 x D 400 x H 70 mm
- > Central locking with cylinder lock, supplied with two keys
- > Can holders on either side
- > Load capacity 130 kg
- > Dimensions: H 446 x W 724 x D 470 mm (without handles)



Code	No.	H	W	D		
2859521	2053.10	446	724	470	Drawers: 3x H = 83 mm Compartment: H = 70 mm W = 520 mm D = 400 mm	39,0

# 2057.9001 WOOD PLATE

for trolley WINGMAN 2054/2057

- > Strong wooden plate, to take high loadings
- > For working platform with ABS top



Code	No.	
2879557	2057.9001	2.000

# 2057.9002 REAR PANEL WITH SQUARE PERFORATION

for trolley WINGMAN 2054/2057

- > In strong, sheet steel construction, torsionally rigid, to take high loadings, for tools, material, etc.
- > Hook assortment included
- > Dimensions: H 500 x W 727 x D 26 mm



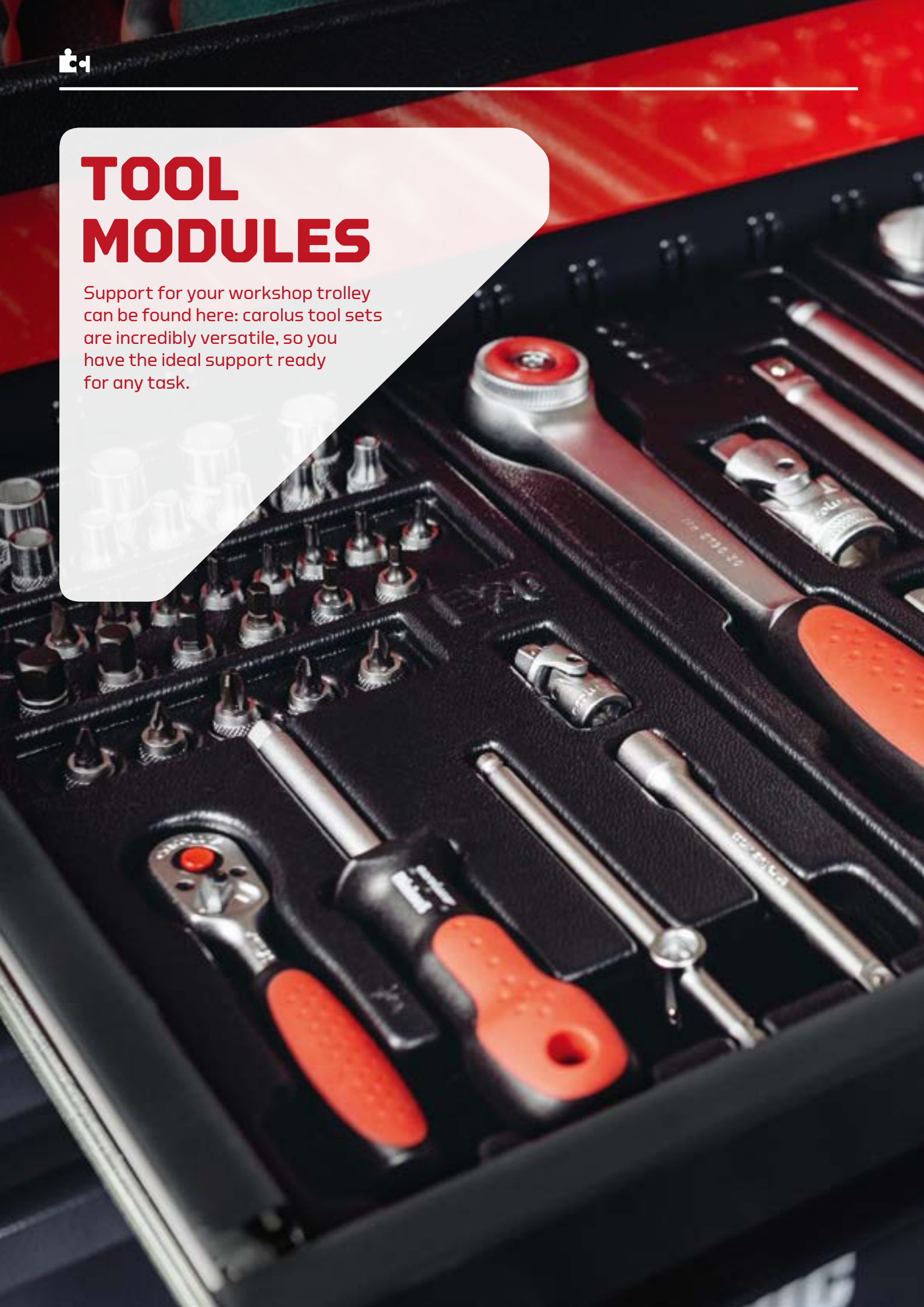
Code	No.	H	W	D	
2879565	2057.9002	500	727	26	6.000





# TOOL MODULES

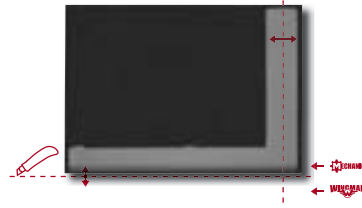
Support for your workshop trolley can be found here: carolus tool sets are incredibly versatile, so you have the ideal support ready for any task.



## FOAM MODULES ARE CUSTOMISABLE

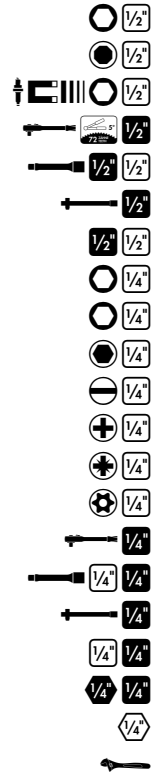
- > All shown foam modules are customisable to all common workshop trolleys.
- > Simply cut to the desired size: W 485 - 570 mm, D 345 - 410 mm, H up to 70 mm

- > suitable for tool trolley MECHANIC 2046 and WINGMAN 2057 / 2054




## 2250.901 TOOL SET SOCKETS, RATCHET, ACCESSORIES 1/4"-1/2"

in foam module, 85 pieces



### Contents:

- > Screwdriver bit sockets 1/4" hex 3 4 5 6 8 10
- > Screwdriver bit sockets 1/4" slotted 5.5 - 6.5 mm
- > Screwdriver bit sockets 1/4" cross-head PH 1 PH 2 PH 3
- > Screwdriver bit sockets 1/4" cross-head PZ 1 PZ 2
- > Screwdriver bit sockets 1/4" TORX® with hole TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40
- > Sockets 1/4" hex 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm
- > Sockets 1/4", 50 mm long, 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm
- > Ratchet 1/4" reversible
- > Extension 1/4", 100 mm long
- > Sliding T-handle with adaptor 1/4"
- > Universal joint 1/4"
- > Bit holder
- > Minimus® handle 1/4"
- > Screwdriver bit sockets 1/2" hex 6 7 8 9 10 12 14 mm
- > Sockets 1/2" hex 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 mm
- > Ratchet 1/2" reversible with ring
- > Universal joint 1/2"
- > Sliding T-handle with adaptor 1/2"
- > Extensions 1/2", 125 mm, 250 mm
- > Spark plug sockets 1/2" with magnet 16 mm, 21 mm
- > Adjustable wrench 8"

Code	No.	W	D	
2862239	2250.901	570	410	9.9

## 2250.902

### TOOL SET PLIERS, HAMMERS, CHISELS

in foam module, 29 pieces



**Contents:**

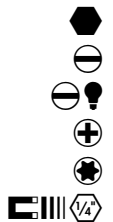
- > Circlip pliers for external retaining rings, straight pattern
- > Circlip pliers for external retaining rings, angled pattern
- > Circlip pliers for internal retaining rings, straight pattern
- > Circlip pliers for internal retaining rings, angled pattern
- > Feeler gauge set, 13 pcs
- > Locking plier 10"
- > Combination pliers 180 mm
- > Telephone pliers, straight pattern 160 mm
- > Side cutter 160 mm
- > Waterpump pliers 10"
- > Hammer 300 g
- > Flat cold chisel 125 mm, 150 mm
- > Cross cut chisel 125 mm
- > Centre punch
- > Pin punch
- > Drift punch

Code	No.	W	D	
2862247	2250.902	570	410	3.1

## 2250.903

### TOOL SET SCREWDRIVERS, FILES

in foam module, 25 pieces



**Contents:**

- > Screwdriver
- > slotted 4 5.5 6.5 8 mm
- > cross-head PH 1 2
- > TORX® T10 T15 T20 T25 T30 T40
- > Voltage tester
- > Bit screwdriver 1/4"
- > Hexagon socket key set 8 pcs
- > File half-round 200 mm
- > File triangular 200 mm
- > File round 200 mm

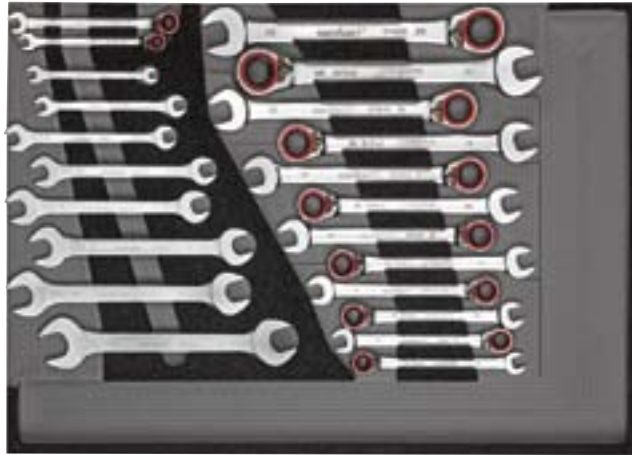
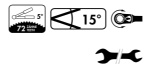
Code	No.	W	D	
2862255	2250.903	570	410	2.0



## 2250.904

### TOOL SET RATCHET WRENCHES, OPEN ENDED SPANNERS

in foam module, 22 pieces



#### Contents:

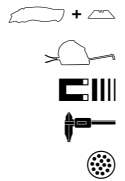
- > Combination ratchet spanner reversible 8 9 10 11 12 13 14 15 16 17 18 19 20 22 mm
- > Double open end spanners 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm

Code	No.	W	D	kg
2862263	2250.904	570	410	2.9

## 2250.905

### TOOL SET MEASURING AND CUTTING

in foam module, 30 pieces



#### Contents:

- > Digital calliper
- > Professional cutter with cartridge and 4 spare blades
- > Tape 3 m
- > Magnetizer
- > Multifunction saw
- > Level 300 mm
- > Wood sectioned folding ruler 2 m
- > Pencil
- > Carbide scribe with clip 150 mm
- > LED torch

Code	No.	W	D	kg
2862271	2250.905	570	410	2.5

## 2250.906


### TOOL SET SCREWDRIVERS, PLIERS, HAMMER, CHISEL

in foam module, 23 pieces



**Contents:**

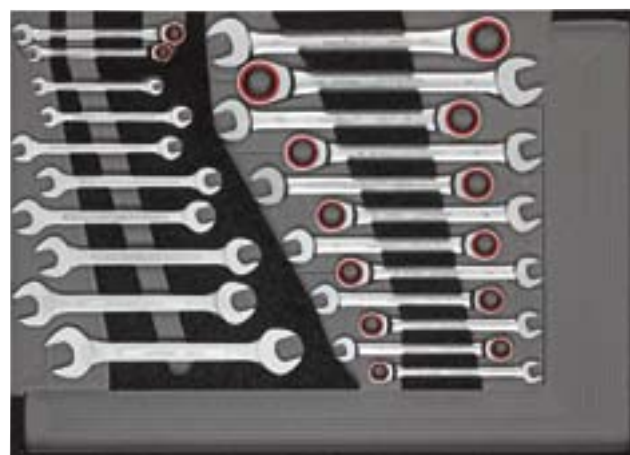
- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Telephone pliers straight pattern 200 mm
- > Screwdriver 3 4 5.5 6.5 mm
- > Screwdriver PH 1 PH 2
- > Screwdriver TORX® T10 T15 T20 T25 T30 T40
- > Waterpump pliers 10"
- > Hammer 300 g
- > Flat cold chisel 125 mm, 150 mm
- > Cross cut chisel 125 mm
- > Drift punch 3 mm
- > Centre punch 4 mm
- > Pin punch 4 mm

Code	No.	W	D	
2862298	2250.906	570	410	2.8

## 2250.907

### TOOL SET RATCHET WRENCHES, OPEN-ENDED SPANNERS

in foam module, 22 pieces



**Contents:**

- > Combination ratchet spanner 8 9 10 11 12 13 14 15 16 17 18 19 20 22 mm
- > Double open end spanners 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm


Code	No.	W	D	
2862301	2250.907	570	410	3.4

**2020.91****DOUBLE ENDED RING SPANNER SET IN 1/3 MODULE**

8 pieces

**Contents:**

> Double ended ring spanners 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm

Code	No.	W	D	
<b>1928996</b>	2020.91	157.5	310	1.600

**2020.92****DOUBLE OPEN ENDED SPANNER SET IN 1/3 MODULE**

8 pieces

**Contents:**

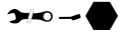
> Double open ended spanner 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm

Code	No.	W	D	
<b>1929003</b>	2020.92	157.5	310	0.990

## 2020.710

### COMBINATION SPANNER SET AND HEXAGON SOCKET KEYS IN 2/3 MODULE

25 pieces

**Contents:**

- > Combination spanners  
6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 24 mm
- > Hexagon socket keys 2 2.5 3 4 5 6 8 10 mm

Code	No.	W	D	
2266911	2020.710	315	310	2.232


## 2020.711

### REVERSIBLE RATCHET WRENCH SET IN 2/3 MODULE

23 pieces

**Contents:**

- > Reversible ratchet wrench  
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm
- > Hexagon socket keys 2 2.5 3 4 5 6 8 10 mm

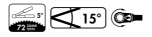
Code	No.	W	D	
2266938	2020.711	315	310	3.297



## 2020.709

### REVERSIBLE RATCHET WRENCH SET IN 1/3 MODULE

9 pieces



**Contents:**

- > Ratchet wrench  
8 10 12 13 14 15 16 17 19 mm

Code	No.	W	D	kg
2656442	2020.709	157.5	310	1.430

## 2020.712

### RATCHET WRENCH SET IN 1/3 MODULE

10 pieces



**Contents:**

- > Ratchet wrench  
8 10 12 13 14 15 16 17 18 19 mm

Code	No.	W	D	kg
2266946	2020.712	157.5	310	1.680

## 2020.714

### FLEXIBLE COMBINATION RATCHET WRENCH SET IN 1/3 MODULE

10 pieces



**Contents:**

- > Flexible combination ratchet wrench  
8 10 12 13 14 15 16 17 18 19 mm

Code	No.	W	D	kg
2266970	2020.714	157.5	310	1.960

# 2020.715

## DOUBLE BOX RATCHET WRENCH IN 1/3 MODULE

7 pieces



**Contents:**

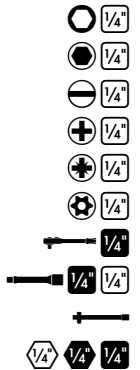
- > Double box ratchet wrench 8x9 8x10 10x11 12x13 14x15 16x18 17x19 mm

Code	No.	W	D	
2266989	2020.715	157.5	310	1.000

# 2020.85

## SOCKET SET 1/4" IN 1/3 MODULE

37 pieces



**Contents:**

- > Ratchet 1/4"
- > Sockets 1/4" hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm
- > Screwdriver bit sockets 1/4"
- > TORX® with hole  
TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40
- > Hexagon 3 4 5 6 8 10 mm
- > Slotted 5.5 6.5 mm
- > Cross-head PH 1 2 3
- > Cross-head Pozi PZ 1 2
- > Extension 1/4" 100 mm long
- > Universal joint 1/4"
- > Tommy bar with sliding T 1/4"
- > Handle Minimus®
- > Hexagonal shaft with 1/4" drive for fittings

> TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	No.	W	D	
1986732	2020.85	157.5	310	0.870



**2020.96****SOCKET SET 1/2" IN 1/3 MODULE**

26 pieces

**Contents:**

- > Sockets 1/2" hexagon  
10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 30 32 mm
- > Screwdriver bit socket 1/2" hexagon 6 7 8 9 10 12 14 mm

Code	No.	W	D	
1929054	2020.96	157.5	310	1.700

**2020.717****SOCKET SET 1/2" IN 1/3 MODULE**

26 pieces

**Contents:**

- > Sockets 1/2" bi-hexagon  
8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 27 30 32 mm
- > Screwdriver bit socket 1/2" hexagon 6 7 8 9 10 12 14 mm

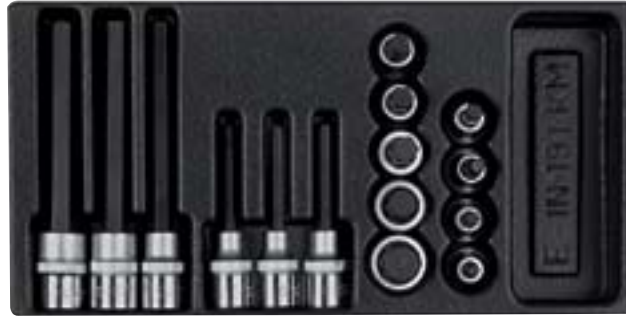
Code	No.	W	D	
2267004	2020.717	157.5	310	2.300



## 2020.718

### SCREWDRIVER BIT SOCKET SET 1/2" IN 1/3 MO- DULE

15 pieces



**Contents:**

- > Screwdriver bit socket 1/2" hexagon
- > 60 mm long: 5 6 7 8 9 10 12 14 17 mm
- > 80 mm long: 5 6 8 mm
- > 140 mm long: 10 12 14 mm

Code	No.	W	D	kg
2267020	2020.718	157.5	310	2.124

## 2020.719

### SCREWDRIVER BIT SOCKET SET 1/2" IN 1/3 MO- DULE

32 pieces



**Contents:**

- > Sockets 1/2" 10 11 12 13 14 15 16 17 19 21 22 24 mm
- > Safety rings and pins (10 each)

Code	No.	W	D	kg
2267039	2020.719	157.5	310	2.840



## 2020.95 SCREWDRIVER SET IN 1/3 MODULE



6 pieces

**Contents:**

- > Screwdrivers
- > slotted 4 5.5 6.5 8 mm
- > cross-head PH 1 2

Code	No.	W	D	
1929046	2020.95	157.5	310	0.854



## 2020.720 SCREWDRIVER SET IN 1/3 MODULE

6 pieces

**Contents:**

- > Screwdrivers
- > Slotted 4 5.5 6.5 8 mm
- > Cross-head Pozzi PZ 1 2

Code	No.	W	D	
2267047	2020.720	157.5	310	0.820



## 2020.721 SCREWDRIVER SET IN 1/3 MODULE



6 pieces

**Contents:**

- > Screwdriver TORX® T10 T15 T20 T25 T30 T40
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	No.	W	D	
2267101	2020.721	157.5	310	0.800



## 2020.723 VDE SCREWDRIVER SET IN 1/3 MODULE



6 pieces

**Contents:**

- > VDE Screwdriver
- > Slotted 2.5 3 4 5.5 mm
- > Cross-head PH 1 2

Code	No.	W	D	
2267144	2020.723	157.5	310	0.680



## 2020.724

### CIRCLIP PLIERS SET IN 1/3 MODULE

4 pieces



#### Contents:

- > Circlip pliers for external retaining rings, straight 19-60 mm
- > Circlip pliers for external retaining rings, angled 19-60 mm
- > Circlip pliers for internal retaining rings, straight 19-60 mm
- > Circlip pliers for internal retaining rings, angled 19-60 mm



Code	No.	W	D	
2267152	2020.724	157.5	310	1.136

## 2020.93

### PLIERS SET IN 1/3 MODULE


4 pieces



#### Contents:

- > Water pump pliers 10", 245 mm
- > Combination plier 180 mm
- > Telephone plier 160 mm
- > Side cutter 160 mm



Code	No.	W	D	
1929011	2020.93	157.5	310	1.238

## 2020.94

### HAMMER AND CHISEL SET IN 1/3 MODULE

7 pieces



#### Contents:

- > Engineers' hammer 300 g
- > Flat cold chisel 125 mm 150 mm
- > Cross-cut chisel 125 mm
- > Drift punch 3 mm
- > Centre punch 4 mm
- > Pin punch 4 mm



Code	No.	W	D	
1929038	2020.94	157.5	310	1.222





# SPANNERS

carolus has the correct wrench on offer for all application areas. High-quality steel, processed professionally makes carolus keys an irreplaceable tool in your equipment.





## Ratchet wrenches

### 1700 RATCHET WRENCH



- > Straight pattern
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	mm	L	kg	Code	No.	mm	L	kg
2246724	1700.08	8	134.4	0.047	2246848	1700.19	19	246.4	0.248
2246732	1700.09	9	158.5	0.065	2246856	1700.20	20	280.0	0.410
2246740	1700.10	10	158.5	0.066	2246864	1700.21	21	280.0	0.412
2246759	1700.11	11	164.6	0.077	2246872	1700.22	22	280.0	0.402
2246767	1700.12	12	167.7	0.085	2246880	1700.24	24	310.0	0.504
2246775	1700.13	13	177.4	0.100	2246899	1700.27	27	330.0	0.640
2246783	1700.14	14	189.5	0.110	2246902	1700.30	30	425.0	1.190
2246791	1700.15	15	198.4	0.149	2255758	1700.32	32	425.0	1.150
2246805	1700.16	16	205.4	0.180	2246910	1700.34	34	460.0	1.476
2246813	1700.17	17	224.4	0.200	2246929	1700.36	36	490.0	1.757
2246821	1700.18	18	235.4	0.220					

### 1700 RATCHET WRENCH SETS

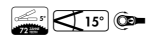


- > Straight pattern
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Contents	kg
2246937	1700.005	8 10 13 17 19	0.699
2246945	1700.012	8 9 10 11 12 13 14 15 16 17 18 19	1.569

# 1710 REVERSIBLE RATCHET WRENCH

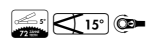


- > Ring offset to 15°, reversible for right and left hand operation
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Ø mm	L	kg	Code	No.	Ø mm	L	kg
2246953	1710.08	8	134.0	0.042	2247089	1710.19	19	245.0	0.250
2246961	1710.09	9	158.0	0.070	2247097	1710.20	20	280.0	0.400
2246988	1710.10	10	158.0	0.070	2247100	1710.21	21	280.0	0.401
2246996	1710.11	11	164.0	0.080	2247119	1710.22	22	280.0	0.400
2247003	1710.12	12	167.0	0.080	2247127	1710.24	24	310.0	0.500
2247011	1710.13	13	177.0	0.101	2247135	1710.27	27	330.0	0.650
2247038	1710.14	14	189.4	0.116	2247143	1710.30	30	425.0	1.140
2247046	1710.15	15	198.0	0.150	2255766	1710.32	32	425.0	1.140
2247054	1710.16	16	204.0	0.171	2247151	1710.34	34	460.0	1.459
2247062	1710.17	17	224.0	0.197	2247178	1710.36	36	480.0	1.671
2247070	1710.18	18	245.0	0.219					

# 1710 REVERSIBLE RATCHET WRENCH SETS



- > Ring offset to 15°, reversible for right and left hand operation
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Contents	kg
2247186	1710.005	8 10 13 17 19	0.688
2247194	1710.012	8 9 10 11 12 13 14 15 16 17 18 19	1.576

# 1507.00

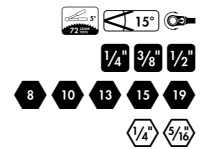
## RATCHET WRENCH SET

12 pieces

- > Sheet metal case, 325 x 180 x 45 mm
- > With lever ratchet, head offset to 15°

### Contents:

- > Ratchet wrenches 8 10 12 13 15 17 19 mm
- > Adaptor square
- > 1/4" x 10 mm
- > 3/8" x 15 mm
- > 1/2" x 19 mm
- > Bit-Adaptor hexagon
- > 1/4" x 8 mm
- > 5/16" x 13 mm



Code  
1597175

No.  
1507.00

2.322

# 1512.00

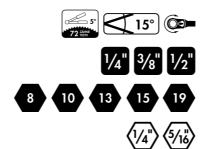
## RATCHET WRENCH SET

17 pieces

- > Sheet metal case, 325 x 180 x 45 mm
- > With lever ratchet, head offset to 15°

### Contents:

- > Ratchet wrenches  
8 9 10 11 12 13 14 15 16 17 18 19 mm
- > Adaptor square
- > 1/4" x 10 mm
- > 3/8" x 15 mm
- > 1/2" x 19 mm
- > Bit-Adaptor hexagon
- > 1/4" x 8 mm
- > 5/16" x 13 mm



Code  
1597167

No.  
1512.00

2.926

# 1720

## FLEXIBLE COMBINATION RATCHET WRENCH



- > With 180° swivel head
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Ø mm	L	↔	Code	No.	Ø mm	L	↔
2247208	1720.08	8	136	0.050	2247283	1720.16	16	213	0.210
2247216	1720.09	9	158	0.080	2247291	1720.17	17	231	0.330
2247224	1720.10	10	158	0.080	2247305	1720.18	18	249	0.296
2247232	1720.11	11	175	0.105	2247313	1720.19	19	249	0.289
2247240	1720.12	12	175	0.100	2247321	1720.20	20	280	0.480
2247259	1720.13	13	185	0.120	2247348	1720.21	21	280	0.470
2247267	1720.14	14	193	0.140	2247356	1720.22	22	280	0.470
2247275	1720.15	15	213	0.212	2247364	1720.24	24	310	0.560

# 1720

## FLEXIBLE COMBINATION RATCHET WRENCH SETS



- > With 180° swivel head
- > Chrome-vanadium steel
- > Chrome-plated
- > Jaw set at 15°
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Contents	↔
2247372	1720.008	8 9 10 11 13 14 17 19	1.158
2247380	1720.016	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24	4.108



# 1730

## DOUBLE BOX RATCHET WRENCH



- > Straight pattern
- > Chrome-vanadium steel
- > Chrome-plated
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Ø mm	L	Weight	Code	No.	Ø mm	L	Weight
2247399	1730.0809	8 x 9	130.4	0.060	2247437	1730.1415	14 x 15	181.4	0.150
2247402	1730.0810	8 x 10	130.4	0.060	2247445	1730.1618	16 x 18	205.9	0.200
2247410	1730.1011	10 x 11	144.4	0.080	2247453	1730.1719	17 x 19	224.4	0.220
2247429	1730.1213	12 x 13	166.0	0.110					

# 1730

## DOUBLE BOX RATCHET WRENCH SET



6 pieces

- > Straight pattern
- > Chrome-vanadium steel
- > Chrome-plated
- > Ratchet mechanism with 72 teeth
- > Smallest return angle



Code	No.	Contents	Weight
2247461	1730.006	8x9 10x11 12x13 14x15 16x18 17x19	0.865

# 1740

## DOUBLE BOX RATCHET WRENCH 4IN1



- > The four most common sizes in one tool:  
10, 13, 17, 19 mm
- > Reversible
- > Straight pattern



Code	No.	Weight
2263181	1740.00	0.210

# 1740.0002

## DOUBLE BOX RATCHET WRENCH SET



2 pieces

- > 63 in 2
- > Fine-toothed (72 teeth)
- > Return angle 5 degrees
- > With lever change
- > Flat pattern
- > Chrome-vanadium steel
- > Matt chrome-plated



Code	No.	Contents	Weight
2950545	1740.0002	Output drive and sizes: hex/double hex 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4" SPLINE 8 10 11 13 14 16 17 19 mm TORX® E10 E12 E14 E16 E18 E20 E22 E24 square 9/32 11/32 3/8 7/16 15/32 17/32 9/16 5/8" square 7 9 11 12 13 14 16 mm	0.398

## Double ended ring spanners

### 0100 DOUBLE ENDED RING SPANNERS



- > According to DIN 838, ISO 3318, ISO 1085, ISO 10104
- > Rings offset
- > Chrome-vanadium, chrome-plated



Code	No.	Ø mm	l mm	kg	Code	No.	Ø mm	l mm	kg
1655574	0100.0607	6 x 7	170	0.051	1655728	0100.2123	21 x 23	305	0.440
1655582	0100.0809	8 x 9	182	0.065	1655736	0100.2224	22 x 24	307	0.410
1846469	0100.0810	8 x 10	182	0.070	1655752	0100.2426	24 x 26	325	0.475
1655590	0100.1011	10 x 11	195	0.095	1655760	0100.2427	24 x 27	325	0.475
1655604	0100.1013	10 x 13	212	0.100	1846485	0100.2430	24 x 30	345	0.600
1655612	0100.1213	12 x 13	212	0.110	1655779	0100.2528	25 x 28	345	0.580
1655639	0100.1317	13 x 17	245	0.170	1846493	0100.2730	27 x 30	345	0.600
1655647	0100.1415	14 x 15	225	0.155	1655795	0100.2732	27 x 32	370	0.680
1655655	0100.1617	16 x 17	245	0.210	1655817	0100.3032	30 x 32	370	0.680
1655663	0100.1719	17 x 19	265	0.280	1846507	0100.3236	32 x 36	400	0.880
1655671	0100.1819	18 x 19	265	0.260	1655825	0100.3641	36 x 41	440	1.210
1655698	0100.1922	19 x 22	287	0.325					
1655701	0100.2022	20 x 22	287	0.325					

### 0100 DOUBLE ENDED RING SPANNER SETS



- > According to DIN 838, ISO 3318, ISO 1085, ISO 10104
- > Rings offset
- > Chrome-vanadium, chrome-plated
- > Holder included



Code	No.	Contents	kg
1693948	0100.0008	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	1.400
1694006	0100.0012	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	3.550

## Double open ended spanners

### 0500 DOUBLE OPEN ENDED SPANNERS



- > According to DIN 3110, ISO 3318, ISO 1085, ISO 10102
- > Chrome-vanadium, chrome-plated



Code	No.	Ø mm	l mm	Weight
1655833	0500.0607	6 x 7	122	0.025
1655841	0500.0809	8 x 9	140	0.040
1846515	0500.0810	8 x 10	140	0.040
1655868	0500.1011	10 x 11	157	0.040
1655876	0500.1013	10 x 13	172	0.060
1655884	0500.1213	12 x 13	172	0.055
1846523	0500.1214	12 x 14	172	0.075
1655892	0500.1315	13 x 15	188	0.070
1655914	0500.1415	14 x 15	188	0.100
1655930	0500.1617	16 x 17	205	0.110
1655949	0500.1719	17 x 19	222	0.155
1655957	0500.1819	18 x 19	222	0.155
1655965	0500.1922	19 x 22	236	0.210

Code	No.	Ø mm	l mm	Weight
1655973	0500.2022	20 x 22	236	0.210
1655981	0500.2123	21 x 23	247	0.240
1656015	0500.2224	22 x 24	250	0.240
1656023	0500.2426	24 x 26	266	0.300
1656031	0500.2427	24 x 27	266	0.300
1846566	0500.2430	24 x 30	280	0.395
1656058	0500.2528	25 x 28	280	0.460
1846574	0500.2730	27 x 30	302	0.475
1656066	0500.2732	27 x 32	302	0.460
1656074	0500.3032	30 x 32	302	0.460
1846582	0500.3236	32 x 36	328	0.650
1656104	0500.3641	36 x 41	380	0.830

### 0500 DOUBLE OPEN ENDED SPANNER SETS



- > According to DIN 3110, ISO 3318, ISO 1085, ISO 10102
- > Chrome-vanadium, chrome-plated
- > Holder included



Code	No.	Contents	Weight
1694324	0500.0008	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	0.700
1694375	0500.0012	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	2.150

### 0590.0010 OPEN ENDED RATCHET SPANNER SET



10 pieces

- > Open end with ratchet function
- > With same size each end
- > Open ring



Code	No.	Contents	Weight
2978156	0590.0010	10 11 12 13 14 15 16 17 18 19	1.758



## Combination spanners

### 0900 COMBINATION SPANNERS



- > According to DIN 3113, Form A, ISO 3318, ISO 7738
- > Ring offset to 15°
- > Chrome-vanadium, chrome-plated



Code	No.	Ø mm	l mm	W kg
1655302	0900.0060	6	100	0.016
1655329	0900.0070	7	110	0.021
1655337	0900.0080	8	120	0.025
1655345	0900.0090	9	130	0.031
1655353	0900.0100	10	140	0.035
1655361	0900.0110	11	150	0.035
1655388	0900.0120	12	160	0.050
1655396	0900.0130	13	170	0.065
1655418	0900.0140	14	180	0.075
1655426	0900.0150	15	190	0.090
1655434	0900.0160	16	200	0.105

Code	No.	Ø mm	l mm	W kg
1655442	0900.0170	17	210	0.120
1655450	0900.0180	18	220	0.155
1655469	0900.0190	19	230	0.170
1655477	0900.0200	20	240	0.200
1655485	0900.0210	21	262	0.210
1655493	0900.0220	22	262	0.220
1655507	0900.0240	24	282	0.300
1655515	0900.0270	27	310	0.400
1655531	0900.0300	30	340	0.500
1655558	0900.0320	32	370	0.700

### 0900 COMBINATION SPANNER SETS



- > According to DIN 3113, Form A, ISO 3318, ISO 7738
- > Ring offset to 15°
- > Chrome-vanadium, chrome-plated



Code	No.	Contents	W kg
1694634	0900.0008	8 9 10 11 13 14 17 19	0.600
1694669	0900.0010	8 10 11 12 13 14 15 17 19 22	0.850
1694707	0900.0012	10 11 12 13 14 17 19 22 24 27 30 32	2.500
1813552	0900.0021	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 27 30 32	3.325

Various


## 203X.00 TOOL WALLET FOR SPANNERS

- > Water-repellent surface
- > Stable lock with adjustable strap
- > With flexible straps inside
- > For tools up to 240 mm in length
- > With 8 resp. 12 compartments standard and 1 compartment for small parts
- > Without spanners



without spanners





Code	No.	Description	
2486814	2037.00	Tool wallet for 8 spanners	0.160
2486822	2038.00	Tool wallet for 12 spanners	0.220

## 0300 ADJUSTABLE WRENCH

open end

- > Jaw set at 15°
- > Polished head with lasered scale
- > High torque
- > Hardened approx. 50 HRC
- > Chrome-vanadium steel
- > Chrome-plated

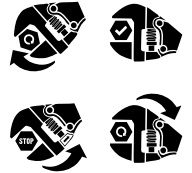


Code	No.	↳ mm ↲	mm 	
2246422	0300.06	155	20	0.140
2246457	0300.08	205	25	0.250
2246465	0300.10	255	30	0.420
2246473	0300.12	305	36	0.700

## 0391 ADJUSTABLE WRENCH

open end with ratchet

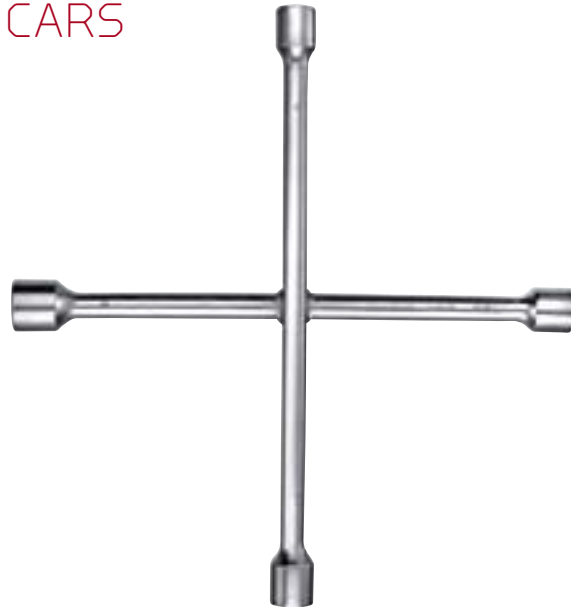
- > Jaw set at 15°
- > Chrome-vanadium steel
- > Chrome-plated
- > Handle dip-insulated



Code	No.	↳ mm ▷	mm ↺	↕ kg
<b>2945606</b>	0391.08	205	30	0.412
<b>2945614</b>	0391.10	255	36	0.660

## 0400 4-WAY WHEEL WRENCH FOR CARS

- > For car wheel nuts in metric and inch sizes
- > With a protective central reinforcement
- > Chrome-vanadium steel



Code	No.	⊙ mm / ⊙ "AF"	↕ kg
<b>1683233</b>	0400.00	17x19 (3/4")x21x11/16"	1.250

## 0450 STRAP WRENCH

- > With strong, non-slip fabric strap
- > Chrome-vanadium steel 31CrV3, chrome-plated



Code	No.	Description	↳ mm ▷	∅ mm	↕ kg
<b>1680862</b>	0450.00	Strap wrench 215 mm	570	140	0.220
<b>1782312</b>	0450.01	Spare strap	490		0.080

A close-up photograph of a mechanical watch movement. A silver-colored ratchet and socket tool is positioned over a component of the watch. The ratchet has a prominent red ring. The background shows the intricate gears and plates of the watch mechanism. The text 'CAROLUS' and 'No. 190.00' is visible on the tool's handle.

# RATCHETS SOCKETS

Screws, to hold stuff. Robustness and performance come together in carolus ratchets. Paired with the matching inserts, ratchets from our range give you the freedom that you need.



## 1/4" square drive

## Ratchets 1/4"

7225.00  
READYFLEX® 1/4"

- > With lever ratchet
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1519654	7225.00	1/4	140	0.130

7290.30  
READYFLEX® 1/4"

- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand



Code	No.	"	mm	kg
1519778	7290.30	1/4	135	0.134

4177.20  
REVERSIBLE RATCHET 1/4"

- > With lever change
- > Sturdy design
- > Oval head
- > Dual-material handle, for easy handling
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1515314	4177.20	1/4	120	0.090

## 7190.30

### REVERSIBLE RATCHET 1/4"



- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Dual-material handle, for easy handling



Code	No.	□"	↳mm↳	⚖
1519379	7190.30	1/4	120	0.100

## 7226.00

### READYFLEX® BIT RATCHET 1/4"



- > With lever ratchet
- > Reversible and vertically lockable in 7 positions
- > With female hexagon drive for bits
- > For use in barely-accessible places
- > Joint lock protects the hand



Code	No.	⬡"	↳mm↳	⚖
1519662	7226.00	1/4	140	0.130

## 4177.26

### BIT RATCHET 1/4"



- > With lever change
- > Oval head
- > With female hexagon drive for bits
- > Low space requirements when tightening
- > Dual-material handle, for easy handling



Code	No.	⬡"	↳mm↳	⚖
1515438	4177.26	1/4	120	0.088

## Sockets 1/4"

4177  
SOCKET 1/4"

hexagon

&gt; Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	○ mm	↳ mm ↲	∅	⚖	Code	No.	□"	○ mm	↳ mm ↲	∅	⚖
1515187	4177.04	1/4	4.0	25	12	0.012	1515233	4177.09	1/4	9.0	25	12	0.012
1515446	4177.45	1/4	4.5	25	12	0.013	1515241	4177.10	1/4	10.0	25	12	0.014
1515195	4177.05	1/4	5.0	25	12	0.013	1515276	4177.11	1/4	11.0	25	13	0.017
1515454	4177.55	1/4	5.5	25	12	0.013	1515284	4177.12	1/4	12.0	25	13	0.020
1515209	4177.06	1/4	6.0	25	12	0.014	1515292	4177.13	1/4	13.0	25	13	0.020
1515217	4177.07	1/4	7.0	25	12	0.012	1515306	4177.14	1/4	14.0	25	13	0.180
1515225	4177.08	1/4	8.0	25	11	0.014							

4176  
SOCKET 1/4"

hexagon, long pattern

&gt; Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	○ mm	↳ mm ↲	∅	⚖
1515039	4176.04	1/4	4.0	50	12	0.028
1515160	4176.45	1/4	4.5	50	12	0.026
1515055	4176.05	1/4	5.0	50	12	0.030
1515179	4176.55	1/4	5.5	50	12	0.030
1515063	4176.06	1/4	6.0	50	12	0.029
1515071	4176.07	1/4	7.0	50	12	0.025
1515098	4176.08	1/4	8.0	50	12	0.024
1515101	4176.09	1/4	9.0	50	12	0.032
1515128	4176.10	1/4	10.0	50	12	0.039
1515136	4176.11	1/4	11.0	50	13	0.050
1515144	4176.12	1/4	12.0	50	13	0.055
1515152	4176.13	1/4	13.0	50	13	0.055

4180  
SOCKET 1/4"

SPLINE

&gt; Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove

&gt; Multiprofile



Code	No.	□"	○ mm	○"AF	⊗	XZN	↳ mm ↲	⚖
2252090	4180.040	1/4	4.0	5/32	E5		25	0.014
2252104	4180.045	1/4	4.5		E6		25	0.016
2252112	4180.050	1/4	5.0	3/16			25	0.014
2252120	4180.055	1/4	5.5				25	0.015
2252139	4180.060	1/4	6.0		E8		25	0.015
2252155	4180.070	1/4	7.0	9/32			25	0.015
2252163	4180.080	1/4	8.0	5/16	E10		25	0.014
2252171	4180.090	1/4	9.0	11/32	E11		25	0.016
2252201	4180.100	1/4	10.0	3/8	E12	10	25	0.017
2252228	4180.110	1/4	11.0	7/16	E14	11	25	0.021
2252236	4180.120	1/4	12.0	15/32	E16	12	25	0.025
2252244	4180.130	1/4	13.0	1/2			25	0.032
2252252	4180.140	1/4	14.0	9/16	E18	14	25	0.041

## 4174

### SOCKET 1/4"

protruding TORX®



- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊕	↳ mm ‹	∅	⚖
1514784	4174.05	1/4	E5	25	12	0.013
1514792	4174.06	1/4	E6	25	12	0.014
1514806	4174.07	1/4	E7	25	12	0.014
1514814	4174.08	1/4	E8	25	12	0.015
1514822	4174.10	1/4	E10	25	12	0.015

## 4171

### SCREWDRIVER BIT SOCKET 1/4"

TORX®



- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊕	↳ mm ‹	⚖
2252287	4171.10	1/4	T10	26	0.010
2252295	4171.15	1/4	T15	26	0.010
2252309	4171.20	1/4	T20	26	0.010
2252317	4171.25	1/4	T25	26	0.010
2252325	4171.27	1/4	T27	26	0.010
2252333	4171.30	1/4	T30	26	0.010
2252341	4171.40	1/4	T40	26	0.010

## 4173

### SCREWDRIVER BIT SOCKET 1/4"

TORX® with hole



- > Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊕	↳ mm ‹	⚖
2252260	4173.08	1/4	TXB8	26	0.010
2252279	4173.09	1/4	TXB9	26	0.010
1514709	4173.10	1/4	TXB10	26	0.011
1514717	4173.15	1/4	TXB15	26	0.012
1514725	4173.20	1/4	TXB20	26	0.012
1514733	4173.25	1/4	TXB25	26	0.013
1514741	4173.27	1/4	TXB27	26	0.013
1514768	4173.30	1/4	TXB30	26	0.013
1514776	4173.40	1/4	TXB40	26	0.013



## 4178

### SCREWDRIVER BIT SOCKET 1/4"

in-hex

› Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	● mm	↳ mm	⚖ kg
1515470	4178.03	1/4	3	26	0.013
1515489	4178.04	1/4	4	26	0.013
1515497	4178.05	1/4	5	26	0.014
1515500	4178.06	1/4	6	26	0.015
1515519	4178.08	1/4	8	26	0.016
1515535	4178.10	1/4	10	26	0.016

## 4179

### SCREWDRIVER BIT SOCKET 1/4"

SLOTTED

› Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	mm	↳ mm	⚖ kg
1515632	4179.04	1/4	4.0	26	0.013
1515667	4179.55	1/4	5.5	26	0.014
1515713	4179.65	1/4	6.5	26	0.014

## 4179

### SCREWDRIVER BIT SOCKET 1/4"

PH

› Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	⊕ PH	↳ mm	⚖ kg
1515756	4179.10	1/4	0	26	0.013
1515764	4179.20	1/4	1	26	0.013
1515772	4179.30	1/4	2	26	0.013
1515780	4179.40	1/4	3	26	0.013

## 4172

### SCREWDRIVER BIT SOCKET 1/4"

PZ

› Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retention groove



Code	No.	□"	⊕ PZ	↳ mm	⚖ kg
1514660	4172.00	1/4	0	26	0.013
1514679	4172.10	1/4	1	26	0.013
1514687	4172.20	1/4	2	26	0.013
1514695	4172.30	1/4	3	26	0.013

Accessories 1/4"

4179  
EXTENSION 1/4"



> For hand-operated sockets with square drive



Code	No.	□ "	■ "	l<mm>	
1515616	4179.50	1/4	1/4	50	0.024
1515608	4179.00	1/4	1/4	100	0.044
1515624	4179.15	1/4	1/4	150	0.064

4120.00  
DRIVING HANDLE 1/4"



- > For hand-operated sockets with square drive
- > With bit adaptor also suitable for 1/4" bits
- > Easy access to deep-fitting screws in confined areas
- > The danger of the tool canting, when carrying out work with extensions, is reduced by the central positioning of the square drive
- > Female square in the handle suitable for use with a ratchet



Code	No.	■ "			
2252430	4120.00	1/4	61	171	0.120

4125.00  
BIT SCREWDRIVER 1/4"

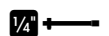


- > 2-component handle
- > Hex recess drive for bits 1/4"
- > With powerful magnetic holder



Code	No.	⬡ "			
2255928	4125.00	1/4	100	210	0.110

4179.70  
TOMMY BAR WITH SLIDING T 1/4"



> For hand-operated sockets with square drive, with ball locking device



Code	No.	■ "	
1515799	4179.70	1/4	0.038

## 4179.80

### UNIVERSAL JOINT 1/4"

1/4" 1/4"

> For hand-operated sockets with square drive, with ball locking device



Code	No.	■"	□"	kg
1515802	4179.80	1/4	1/4	0.024

## 7060.00

### BIT ADAPTOR 1/4" X 8 MM

8 1/4" III

with magnet

- > Hexagon drive 8 mm (5/16")
- > Square drive 1/4"
- > All tools with size 8 mm can be used to drive 1/4" sockets etc.



Code	No.	□"	●	kg
1519220	7060.00	1/4	8	0.006

## 4115.10

### ADAPTOR 1/4" X 10 MM

1/4" 10

- > Hexagon drive 10 mm
- > Square drive 1/4"
- > All tools with size 10 mm can be used to drive 1/4" sockets etc.



Code	No.	■"	●	kg
1597132	4115.10	1/4	10	0.010

## 7055.00 - 7075.00

### BIT HOLDER 1/4"

1/4" 1/4" III

with magnet

- > With hexagon and female hexagon
- > With magnetic holder
- > Chrome-plated, pin gun-metal finish



Code	No.	●"	□"	mm	kg
1519212	7055.00	1/4	1/4	55	0.022
1519247	7075.00	1/4	1/4	75	0.030

## 7070.00 QUICK CHANGE ADAPTOR 1/4"



with magnet



- > Quick-grip system for hex bits
- > The bit release path is away from the bit

Code	No.	● "	□ "	⚖
1519239	7070.00	1/4	1/4	0.030

## 7080.00 ADAPTOR 1/4"



- > Hexagon drive
- > Square drive
- > Turns a bit-ratchet 1/4" into a ratchet with 1/4" square



Code	No.	● "	■ "	⚖
1519255	7080.00	1/4	1/4	0.008

## 7080.50 ADAPTOR 1/4"



- > Hexagon drive
- > Square drive
- > Can also be used with Minimus® handle



Code	No.	● "	■ "	⚖
1519263	7080.50	1/4	1/4	0.016

## 4178.60 BIT ADAPTOR 1/4"



- > With female hexagon and female square
- > Suitable for all bits and tools with 1/4" male hexagon



Code	No.	□ "	□ "	⚖
1515551	4178.60	1/4	1/4	0.018

## 4178.50 MAGNETIC PICK-UP 1/4"



- > With strong magnets suitable for lifting up to 750 g



Code	No.	□ "	Ω	⚖
1515543	4178.50	1/4	750	0.016



## Minimus

### 4002.42 HANDLE MINIMUS®



- > Multi-functional handle for the reception of tools with 1/4" machine drive suitable for 7080.50, 7070.00, 7055.00 etc.



Code	No.	○"	kg
1513834	4002.42	1/4	0.044

### 4002.40 HEXAGONAL SHAFT 1/4"



- > Hexagon drive
- > Square drive
- > Also suitable for battery screwdrivers without impact effect
- > For use with Minimus® handle



Code	No.	○"	■"	l< mm >	kg
1513826	4002.40	1/4	1/4	88	0.030

### 4080.40 MINIMUS® SET ESSENTIAL



**Contents:**

- > Handle Minimus® 1/4" 4002.42
- > Hexagonal shaft with recessed 1/4" bit drive 4002.40
- > Adaptor 1/4" 7080.50
- > Adaptor 1/4" with magnet 7055.00



Code	No.	○"	●"	■"	kg
2252422	4080.40	1/4	1/4	1/4	0.112

3/8" square drive

Ratchets 3/8"

6225.00  
READYFLEX® 3/8"



- > With lever ratchet
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1696556	6225.00	3/8	225	0.440

6290.00  
READYFLEX® 3/8"



- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand



Code	No.	"	mm	kg
1696572	6290.00	3/8	225	0.420

6190.20  
REVERSIBLE RATCHET 3/8"



- > With lever change
- > Oval head
- > Dual-material handle, for easy handling
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1518038	6190.20	3/8	210	0.282

6190.30  
REVERSIBLE RATCHET 3/8"



- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Dual-material handle, for easy handling



Code	No.	"	mm	kg
1518046	6190.30	3/8	210	0.226

## Sockets 3/8"

6100  
SOCKET 3/8"

hexagon

➤ Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove



Code	No.	□"	⌀ mm	↳ mm ↲	d <sub>1</sub>	d <sub>2</sub>	⚖ kg
2252457	6100.06	3/8	6	26	17.0	9.8	0.021
2252465	6100.07	3/8	7	26	17.0	10.5	0.022
1517708	6100.08	3/8	8	26	17.0	11.7	0.020
2252473	6100.09	3/8	9	26	17.0	13.3	0.022
1517716	6100.10	3/8	10	26	17.0	14.4	0.022
1517724	6100.11	3/8	11	26	17.0	15.6	0.022
1517732	6100.12	3/8	12	26	17.0	16.8	0.022
1517740	6100.13	3/8	13	26	17.0	17.9	0.024
1517759	6100.14	3/8	14	26	17.0	19.9	0.028
1517767	6100.15	3/8	15	26	18.0	21.5	0.034
1517775	6100.16	3/8	16	26	18.0	21.8	0.032
1517783	6100.17	3/8	17	30	18.4	23.8	0.050
1517791	6100.18	3/8	18	30	20.5	23.8	0.048
1517805	6100.19	3/8	19	30	20.5	25.6	0.056
2252481	6100.20	3/8	20	30	20.5	27.8	0.060
2252503	6100.21	3/8	21	30	20.5	27.8	0.060
1517813	6100.22	3/8	22	30	20.5	29.8	0.060
1517821	6100.24	3/8	24	30	19.9	31.3	0.070

6180  
SOCKET 3/8"

SPLINE

➤ Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove

➤ Multiprofile



Code	No.	□"	⌀ mm	⌀ "AF"	⊗	XZN	↳ mm ↲	⚖ kg
2340402	6180.060	3/8	6		E8		28	0.025
2340437	6180.070	3/8	7	9/32			28	0.026
2340445	6180.080	3/8	8	5/16	E10		28	0.026
2340453	6180.090	3/8	9	11/32	E11		28	0.026
2340461	6180.100	3/8	10	3/8	E12	10	28	0.027
2340488	6180.110	3/8	11	7/16	E14	11	28	0.030
2340496	6180.120	3/8	12	15/32	E16	12	28	0.030
2340518	6180.130	3/8	13	1/2			28	0.036
2340526	6180.140	3/8	14	9/16	E18	14	30	0.047
2340534	6180.150	3/8	15	19/32			30	0.043
2340542	6180.160	3/8	16	5/8	E20	16	30	0.049
2340550	6180.170	3/8	17				30	0.043
2340569	6180.180	3/8	18		E22	18	30	0.055
2340577	6180.190	3/8	19	3/4	E24		30	0.061
2340585	6180.200	3/8	20	25/32		20	30	0.067
2340593	6180.210	3/8	21	13/16			30	0.071
2340607	6180.220	3/8	22	7/8		22	32	0.097
2340615	6180.240	3/8	24	15/16		24	32	0.091

# 6300

## SOCKET 3/8"

protruding TORX®



- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊕	↳ mm ‹	∅	⚖
1518178	6300.04	3/8	E4	26	17	0.018
1518186	6300.05	3/8	E5	26	17	0.020
1518194	6300.06	3/8	E6	26	17	0.020
1518208	6300.07	3/8	E7	26	17	0.020
1518216	6300.08	3/8	E8	26	17	0.020
1518224	6300.10	3/8	E10	26	17	0.020
2252511	6300.11	3/8	E11	26	17	0.020
1518232	6300.12	3/8	E12	26	17	0.024
1518240	6300.14	3/8	E14	26	17	0.022
1518259	6300.16	3/8	E16	26	17	0.026
2252538	6300.18	3/8	E18	26	17	0.020
2252546	6300.20	3/8	E20	26	17	0.020

# 6080

## SPARK PLUG SOCKET 3/8"

with magnet



- > Square drive as per DIN 3120 - C 10, ISO 1174, with ball retention groove
- > Size 14 mm bi-hexagonal



Code	No.	□"	⊙ mm	↳ mm ‹	∅	⚖
2252562	6080.14	3/8	14.0	70	21	0.082
1517449	6080.16	3/8	16.0	70	21	0.082
2252570	6080.18	3/8	18.0	70	25	0.120
1517457	6080.21	3/8	20.8	70	27	0.144

## Accessories 3/8"

# 6150

## EXTENSION 3/8"



- > For hand-operated sockets with square drive, with ball locking device



Code	No.	□"	■"	↳ mm ‹	⚖
1517902	6150.45	3/8	3/8	45	0.046
2252589	6150.125	3/8	3/8	125	0.100
1517899	6150.15	3/8	3/8	150	0.116
2252597	6150.250	3/8	3/8	250	0.190

## 6151 LOCKABLE EXTENSION 3/8"



- > For hand-operated sockets with square drive, with ball locking device
- > Secure hold on the square drive for all tools with retention groove



Code	No.	□"	■"	l-mm	↕kg
1850458	6151.15	3/8	3/8	150	0.152
1850466	6151.25	3/8	3/8	250	0.244
1850474	6151.30	3/8	3/8	300	0.286

## 6130.00 UNIVERSAL JOINT 3/8"



- > For hand-operated sockets with square drive, with ball locking device



Code	No.	□"	■"	↕kg
1517880	6130.00	3/8	3/8	0.058

## 6070.00 ADAPTOR 5/16" X 3/8"



- > Hexagon drive 5/16"
- > Square drive 3/8"
- > Turns a bit-ratchet 5/16" into a ratchet with 3/8" square



Code	No.	■"	⬡"	↕kg
1517392	6070.00	3/8	5/16	0.018

## 6070.10 BIT ADAPTOR 3/8" X 5/16"



- > With female hexagon and female square
- > Suitable for all bits and tools with 5/16" male hexagon



Code	No.	□"	⬡"	↕kg
1517406	6070.10	3/8	5/16	0.030



## 6070.60

### BIT ADAPTOR 3/8" X 1/4"



- > With female hexagon and female square
- > Suitable for all bits and tools with 1/4" male hexagon



Code	No.	□"	⬡"	⚖
1517430	6070.60	3/8	1/4	0.028

## 6015.15

### ADAPTOR 3/8" X 15 MM



- > Hexagon drive 15 mm
- > Square drive 3/8"
- > All tools with size 15 mm can be used to drive 3/8" sockets etc.



Code	No.	■"	⬡"	⚖
1597159	6015.15	3/8	15.0	0.026

## 6070.50

### ADAPTOR 5/16" X 1/2"



- > Hexagon drive 5/16"
- > Square drive 1/2"
- > Turns a bit-ratchet 5/16" into a ratchet with 1/2" square



Code	No.	■"	⬡"	⚖
1517422	6070.50	1/2	5/16	0.030

## 6015.13

### BIT ADAPTOR 5/16" X 13 MM



with magnet

- > Hexagon drive 13 mm
- > Square drive 5/16"
- > All tools with size 13 mm can be used to drive 5/16" sockets etc.



Code	No.	□"	⬡"	⚖
1597140	6015.13	5/16	13	0.032

## 6070.40 ADAPTOR 5/16"



with magnet

- > With hexagon and female hexagon
- > With magnetic holder



Code	No.	□"	○"	kg
1517414	6070.40	5/16	5/16	0.052

## 5160.00 BIT ADAPTOR 1/2" X 5/16"



- > With female hexagon and female square
- > Suitable for all bits and tools with 5/16" male hexagon



Code	No.	□"	○"	kg
1516655	5160.00	1/2	5/16	0.056

### Impact sockets 3/8"

## 6400 IMPACT SOCKET 3/8"



- > With square socket as per DIN 3121 - G 10, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	mm	mm	kg
2681919	6400.006	3/8	6	32	0.030
2681927	6400.007	3/8	7	32	0.031
2681935	6400.008	3/8	8	32	0.032
2681943	6400.009	3/8	9	32	0.033
2682176	6400.010	3/8	10	32	0.034
2682184	6400.011	3/8	11	32	0.036
2682192	6400.012	3/8	12	32	0.038
2682206	6400.013	3/8	13	32	0.040
2682214	6400.014	3/8	14	32	0.051
2682222	6400.015	3/8	15	32	0.054
2682230	6400.016	3/8	16	32	0.055
2682249	6400.017	3/8	17	32	0.055
2682257	6400.018	3/8	18	32	0.055
2682265	6400.019	3/8	19	32	0.059

## 6406

## IMPACT SOCKET 3/8"

long pattern



- > With square socket as per DIN 3121 - G 10, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	○ mm	↳ mm ◁	⚖
2682303	6406.08	3/8	8	63	0.048
2682311	6406.10	3/8	10	63	0.058
2682338	6406.11	3/8	11	63	0.064
2682346	6406.12	3/8	12	63	0.080
2682354	6406.13	3/8	13	63	0.085
2682362	6406.14	3/8	14	63	0.092
2682370	6406.15	3/8	15	63	0.110
2682389	6406.16	3/8	16	63	0.108
2682397	6406.17	3/8	17	63	0.108
2682400	6406.18	3/8	18	63	0.129
2682419	6406.19	3/8	19	63	0.138

## 6435

## IMPACT SOCKET 3/8"



- > With square socket as per DIN 3121 - G 10, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	● mm	↳ mm ◁	⚖
2681870	6435.06	3/8	6	52	0.041
2681889	6435.07	3/8	7	52	0.043
2681897	6435.08	3/8	8	52	0.047
2681900	6435.10	3/8	10	52	0.057

## Impact accessories 3/8"

## 6450

## IMPACT SOCKET EXTENSION 3/8"



- > With square socket as per DIN 3121 - G 10, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	■"	↳ mm ◁	⚖
2682273	6450.075	3/8	3/8	75	0.076
2682281	6450.150	3/8	3/8	150	0.145

1/2" square drive

Ratchets 1/2"

5225.00  
READYFLEX® 1/2"



- > With lever ratchet
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1696041	5225.00	1/2	270	0.740

5290.00  
READYFLEX® 1/2"



- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Reversible and vertically lockable in 7 positions
- > For use in barely-accessible places
- > Joint lock protects the hand



Code	No.	"	mm	kg
1696068	5290.00	1/2	260	0.660

5190.20  
REVERSIBLE RATCHET 1/2"



- > With lever change
- > Oval head
- > Dual-material handle, for easy handling
- > For sockets, accessories etc. with square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove



Code	No.	"	mm	kg
1516698	5190.20	1/2	280	0.586

5190.30  
REVERSIBLE RATCHET 1/2"



- > With dial change
- > Fine toothed (72 teeth) with 5° return angle
- > Dual-material handle, for easy handling



Code	No.	"	mm	kg
1516701	5190.30	1/2	280	0.514

## 5190.0600 TELESCOPIC RATCHET 1/2"



- > With lever change and push-button release
- > High torque transfer
- > Adjustable from 460 to 600 mm without load reduction
- > Telescopic shaft lockable in 5 positions
- > 2-component handle

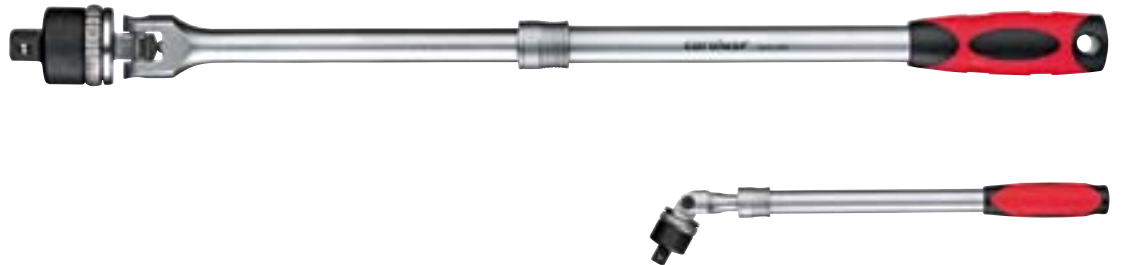


Code	No.	"	l- mm -l	
2942208	5190.0600	1/2	460-600	1.099

## 5190.0580 TELESCOPIC RATCHET WITH SWIVEL HEAD 1/2"

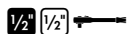


- > With dial change
- > 36 teeth (return angle 10 degrees)
- > High torque transfer
- > Adjustable from 430 to 580 mm without load reduction
- > Telescopic shaft lockable in 5 positions
- > 2-component handle
- > With swivel head for working in confined spaces, swivels through 180°



Code	No.	"	l- mm -l	
2978067	5190.0580	1/2	430-580	1.292

## 5170.00 RATCHET 1/2" WITH SQUARE COUPLER



- > Dual-material handle, for easy handling
- > With square coupler
- > Also suitable for use with stepped keys and radiator nipple keys



Code	No.	"	l- mm -l	
1920995	5170.00	1/2	270	0.560



## Sockets 1/2"

5100  
SOCKET 1/2"

hexagon



> Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove

Code	No.	□"	⊙ mm	↳ mm ◁	∅	⚖
2252759	5100.08	1/2	8	36	22	0.020
2252767	5100.09	1/2	9	36	22	0.020
1516329	5100.10	1/2	10	36	22	0.042
1516345	5100.11	1/2	11	36	22	0.044
1516353	5100.12	1/2	12	36	22	0.046
1516388	5100.13	1/2	13	36	22	0.048
1516418	5100.14	1/2	14	36	22	0.050
1516426	5100.15	1/2	15	36	22	0.050
1516434	5100.16	1/2	16	36	22	0.048
1516442	5100.17	1/2	17	36	22	0.048
1516450	5100.18	1/2	18	36	24	0.062
1516469	5100.19	1/2	19	36	24	0.076
1516477	5100.20	1/2	20	36	24	0.074
1516485	5100.21	1/2	21	36	26	0.076
1516493	5100.22	1/2	22	36	27	0.092
1516507	5100.23	1/2	23	36	27	0.096
1516515	5100.24	1/2	24	36	28	0.098
1516523	5100.26	1/2	26	36	28	0.100
1516531	5100.27	1/2	27	40	30	0.116
1516558	5100.28	1/2	28	40	30	0.146
1516566	5100.30	1/2	30	40	32	0.154
1516574	5100.32	1/2	32	40	34	0.192
2252775	5100.34	1/2	34	40	36	0.280

5180  
SOCKET 1/2"

SPLINE



> Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove

> Multiprofile

Code	No.	□"	⊙ mm	⊙ "AF	⊕	XZN	↳ mm ◁	⚖
2252821	5180.080	1/2	8	5/16	E10		38	0.051
2252848	5180.090	1/2	9	11/32	E11		38	0.052
2252856	5180.100	1/2	10	3/8	E12	10	38	0.052
2252864	5180.110	1/2	11	7/16	E14	11	38	0.053
2252880	5180.120	1/2	12	15/32	E16	12	38	0.053
2252899	5180.130	1/2	13	1/2			38	0.053
2252902	5180.140	1/2	14	9/16	E18	14	38	0.056
2252910	5180.150	1/2	15	19/32			38	0.060
2340623	5180.160	1/2	16	5/8	E20	16	38	0.060
2252937	5180.170	1/2	17				38	0.061
2252945	5180.180	1/2	18		E22	18	38	0.070
2252953	5180.190	1/2	19	3/4	E24		38	0.074
2252961	5180.200	1/2	20	25/32		20	38	0.071
2340631	5180.210	1/2	21	13/16			38	0.094
2252996	5180.220	1/2	22	7/8		22	38	0.100
2253003	5180.230	1/2	23				40	0.101
2253011	5180.240	1/2	24	15/16		24	40	0.114
2253038	5180.260	1/2	26				42	0.138
2253046	5180.270	1/2	27	1.1/16			43	0.138
2253054	5180.280	1/2	28				43	0.140
2253062	5180.300	1/2	30	1.1/8		30	45	0.178
2253070	5180.320	1/2	32	1.1/4		32	45	0.162
2253089	5180.340	1/2	34				45	0.259

# 5106

## SOCKET 1/2"



hexagon, long pattern

➤ Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove



Code	No.	□"	⌀mm	l-mm	∅	±g
1848690	5106.10	1/2	10	77	22	0.068
2253097	5106.11	1/2	11	77	22	0.060
1848704	5106.12	1/2	12	77	22	0.086
1848712	5106.13	1/2	13	77	22	0.096
1848720	5106.14	1/2	14	77	22	0.102
1848739	5106.15	1/2	15	77	22	0.098
2253100	5106.16	1/2	16	77	22	0.100
1848747	5106.17	1/2	17	77	22	0.124
2253119	5106.18	1/2	18	77	22	0.140
1848755	5106.19	1/2	19	77	22	0.150
1848763	5106.21	1/2	21	77	26	0.208
1848771	5106.22	1/2	22	77	26	0.190
1848798	5106.23	1/2	23	77	26	0.226
1848801	5106.24	1/2	24	77	26	0.256
1848828	5106.27	1/2	27	77	28	0.280
1848836	5106.30	1/2	30	77	28	0.288
1848844	5106.32	1/2	32	77	28	0.302
2253127	5106.34	1/2	34	77	39	0.280

# 5112

## SOCKET 1/2"



bi-hexagon

➤ Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove



Code	No.	□"	⌀mm	l-mm	∅	±g
2252791	5112.08	1/2	8	36	22	0.040
2252805	5112.09	1/2	9	36	22	0.060
1850482	5112.10	1/2	10	36	22	0.042
1850490	5112.11	1/2	11	36	22	0.042
1854976	5112.12	1/2	12	36	22	0.042
1850504	5112.13	1/2	13	36	22	0.046
1850512	5112.14	1/2	14	36	22	0.050
1850520	5112.15	1/2	15	36	22	0.050
1850539	5112.16	1/2	16	36	22	0.044
1850547	5112.17	1/2	17	36	22	0.058
1850555	5112.18	1/2	18	36	24	0.076
1850563	5112.19	1/2	19	36	24	0.072
1850571	5112.20	1/2	20	36	24	0.076
1850598	5112.21	1/2	21	36	26	0.088
1850601	5112.22	1/2	22	36	27	0.092
1850628	5112.23	1/2	23	36	27	0.090
1850636	5112.24	1/2	24	36	28	0.100
1850644	5112.26	1/2	26	36	28	0.112
1850652	5112.27	1/2	27	40	30	0.136
1850660	5112.28	1/2	28	40	32	0.142
1850679	5112.30	1/2	30	40	32	0.160
1850687	5112.32	1/2	32	40	34	0.178
2252813	5112.34	1/2	34	40	36	0.260

# 5300 SOCKET 1/2"

protruding TORX®



- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊕	↳ mm ←	∅	⚖ kg
1849077	5300.10	1/2	E10	38	22	0.052
1849085	5300.11	1/2	E11	38	22	0.054
1849093	5300.12	1/2	E12	38	22	0.052
1849107	5300.14	1/2	E14	38	22	0.052
1849115	5300.16	1/2	E16	38	22	0.056
1849123	5300.18	1/2	E18	38	22	0.054
1849131	5300.20	1/2	E20	38	22	0.062
1849158	5300.22	1/2	E22	38	22	0.078
1849166	5300.24	1/2	E24	40	23	0.094

# 5135 - 5142 SCREWDRIVER BIT SOCKET 1/2"

in-hex



- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove



Code	No.	□"	● mm	↳ mm ←	⚖ kg
2253186	5135.04	1/2	4	60	0.060
1829319	5135.05	1/2	5	60	0.064
1829327	5135.06	1/2	6	60	0.064
1829335	5135.07	1/2	7	60	0.068
1829343	5135.08	1/2	8	60	0.068
1829394	5135.09	1/2	9	60	0.078
1829351	5135.10	1/2	10	60	0.080
1829408	5135.11	1/2	11	60	0.112
1829378	5135.12	1/2	12	60	0.112
1829416	5135.14	1/2	14	60	0.136
1829424	5135.17	1/2	17	60	0.174
2253194	5135.19	1/2	19	60	0.220
1848887	5136.05	1/2	5	80	0.072
1848909	5136.06	1/2	6	80	0.072
1848917	5136.08	1/2	8	80	0.082
1848976	5138.07	1/2	7	100	0.084
1849689	5139.08	1/2	8	120	0.094
1848984	5141.06	1/2	6	140	0.086
1848992	5141.10	1/2	10	140	0.134
1849018	5141.12	1/2	12	140	0.188
1849026	5141.14	1/2	14	140	0.240
1849034	5142.05	1/2	5	180	0.114

# 5303 SCREWDRIVER BIT SOCKET 1/2"



TORX®

- > Square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retention groove
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⚙	↳ mm	⚖
2253224	5303.20	1/2	T20	55	0.060
2253232	5303.25	1/2	T25	55	0.054
2253240	5303.27	1/2	T27	55	0.060
1849174	5303.30	1/2	T30	55	0.060
1849182	5303.40	1/2	T40	55	0.062
1849190	5303.45	1/2	T45	55	0.066
1849204	5303.50	1/2	T50	55	0.066
1849212	5303.55	1/2	T55	55	0.076
1849220	5303.60	1/2	T60	55	0.106
1849239	5303.70	1/2	T70	55	0.128

# 5180 SPARK PLUG SOCKET 1/2"



with magnet

- > With magnet



Code	No.	□"	⌀ mm	↳ mm	⚖
1696025	5180.16	1/2	16.0	70	0.080
1696033	5180.21	1/2	20.8	70	0.148

## Accessories 1/2"

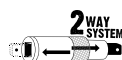
# 5141.0002 ADAPTOR AND EXTENSION SET 6IN2



2 pieces

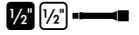
**Contents:**

- > Reducer and convertor 1/2" - 3/8" and 3/8" - 1/2"
- > Extension 85 mm
- > Reducer and convertor 3/8" - 1/4" and 1/4" - 3/8"
- > Extension 68 mm



Code	No.	⚖
2907720	5141.0002	0.240

# 5150 EXTENSION 1/2"



> For hand-operated sockets with square drive, with ball locking device



Code	No.	□"	■"	↳mm↳	⚖️
1516647	5150.75	1/2	1/2	75	0.126
1516620	5150.12	1/2	1/2	125	0.186
1516639	5150.25	1/2	1/2	250	0.334

# 5151 LOCKABLE EXTENSION 1/2"



> For hand-operated sockets with square drive, with ball locking device  
> Secure hold on the square drive for all tools with retention groove



Code	No.	□"	■"	↳mm↳	⚖️
1849042	5151.12	1/2	1/2	125	0.236
1849050	5151.25	1/2	1/2	250	0.440
1849069	5151.37	1/2	1/2	375	0.482

# 5130.00 UNIVERSAL JOINT 1/2"



> For hand-operated sockets with square drive, with ball locking device

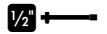


Code	No.	□"	■"	⚖️
1516604	5130.00	1/2	1/2	0.134



## 5140.00

### TOMMY BAR WITH SLIDING T 1/2"



- > For hand-operated sockets with square drive, with ball locking device



Code	No.	■ "	📏
1516612	5140.00	1/2	0.368

## 5160.00

### BIT ADAPTOR 1/2" X 5/16"



- > With female hexagon and female square
- > Suitable for all bits and tools with 5/16" male hexagon



Code	No.	□ "	⬡ "	📏
1516655	5160.00	1/2	5/16	0.056

## 6070.50

### ADAPTOR 5/16" X 1/2"



- > Hexagon drive 5/16"
- > Square drive 1/2"
- > Turns a bit-ratchet 5/16" into a ratchet with 1/2" square



Code	No.	■ "	⬡ "	📏
1517422	6070.50	1/2	5/16	0.030

## 5115.19

### ADAPTOR 1/2" X 19 MM



- > Hexagon drive 19 mm
- > Square drive 1/2"
- > All tools with size 19 mm can be used to drive 1/2" sockets etc.



Code	No.	■ "	⬡ "	📏
1597124	5115.19	1/2	19	0.052

## Impact Sockets 1/2"

5575  
IMPACT SOCKET 1/2"

- > Square drive as per DIN 3121 - G 12.5, ISO 1174
- > For controlled tightening of wheel nuts on light-alloy rims

5575  
PLASTIC SLEEVES FOR 55755400  
IMPACT SOCKET 1/2"

- > Square drive as per DIN 3121 - G 12.5, ISO 1174



Code	No.	□"	⌀ mm	↳ mm	∅	⚖ kg
1849387	5400.10	1/2	10	38	25	0.068
1849395	5400.11	1/2	11	38	25	0.075
1849409	5400.12	1/2	12	38	25	0.072
1849417	5400.13	1/2	13	38	25	0.072
1849425	5400.14	1/2	14	38	25	0.076
1849433	5400.15	1/2	15	38	25	0.760
1849441	5400.16	1/2	16	38	25	0.080
1849468	5400.17	1/2	17	38	26	0.088
1849476	5400.19	1/2	19	38	28	0.096
1849484	5400.21	1/2	21	38	30	0.114
1849492	5400.22	1/2	22	43	30	0.148
1849506	5400.24	1/2	24	43	30	0.154
1849514	5400.27	1/2	27	45	30	0.154
1849522	5400.30	1/2	30	48	30	0.240
1849530	5400.32	1/2	32	48	30	0.232

# 5406

## IMPACT SOCKET 1/2"

long pattern

> Square drive as per DIN 3121 - G 12.5, ISO 1174



Code	No.	□"	⊙ mm	↳ mm ↲	∅	↳ mm ↲
1849549	5406.10	1/2	10	85	25	0.126
1849557	5406.11	1/2	11	85	25	0.132
1849565	5406.12	1/2	12	85	25	0.144
1849573	5406.13	1/2	13	85	25	0.146
1849581	5406.14	1/2	14	85	25	0.170
1849603	5406.15	1/2	15	85	25	0.178
1849611	5406.16	1/2	16	85	25	0.218
1849638	5406.17	1/2	17	85	26	0.224
1849646	5406.19	1/2	19	85	28	0.244
1849654	5406.21	1/2	21	85	30	0.260
1849662	5406.22	1/2	22	85	30	0.338
1849670	5406.24	1/2	24	85	30	0.350

# 5435

## IMPACT SOCKET 1/2"

in-hex

> Square drive as per DIN 3121 - G 12.5, ISO 1174

> Suitable for all standard electric and air tools



Code	No.	□"	⊙ mm	↳ mm ↲	∅	↳ mm ↲
2682451	5435.10	1/2	10	60		0.094
2682478	5435.12	1/2	12	60		0.103
2682486	5435.14	1/2	14	60		0.115
2682494	5435.17	1/2	17	60		0.138
2682508	5435.19	1/2	19	60		0.154

# 5430

## IMPACT SOCKET 1/2"

protruding TORX®

> Square drive as per DIN 3121 - G 12.5, ISO 1174

> TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	□"	⊙	↳ mm ↲	∅	↳ mm ↲
1849247	5430.06	1/2	E6	38	25	0.062
1849255	5430.07	1/2	E7	38	25	0.064
1849263	5430.08	1/2	E8	38	25	0.068
1849271	5430.10	1/2	E10	38	25	0.072
1849298	5430.11	1/2	E11	38	25	0.072
1849301	5430.12	1/2	E12	38	25	0.074
1849328	5430.14	1/2	E14	38	25	0.074
1849336	5430.16	1/2	E16	38	25	0.074
1849344	5430.18	1/2	E18	38	30	0.118
1849352	5430.20	1/2	E20	38	30	0.122
1849360	5430.22	1/2	E22	38	30	0.124
1849379	5430.24	1/2	E24	42	30	0.152

## Impact Accessories 1/2"

### 5450 IMPACT SOCKET EXTENSION 1/2"



- > With square drive as per DIN 3121 - G 12.5, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	■"	l- mm	kg
2682427	5450.075	1/2	1/2	75	0.148
2682435	5450.125	1/2	1/2	125	0.230
2682443	5450.250	1/2	1/2	250	0.443

### 5464.00 IMPACT SOCKET REDUCER 1/2" TO 3/8"



- > With square as per DIN 3121, ISO 1174



Code	No.	□"	■"	kg
2682516	5464.00	1/2	3/8	0.070

### 5484.00 IMPACT SOCKET EXTENSION PIECE 1/2" TO 3/4"



- > With square as per DIN 3121, ISO 1174



Code	No.	□"	■"	kg
2682524	5484.00	1/2	3/4	0.140

### 5570 SAFETY SET

- > Consisting of safety ring and safety pin
- > To secure impact sockets
- > Value pack: contains **5 each rings and pins**



Code	No.	Use	Ø	kg
2253151	5570.751	for size 10-19 mm	19	0.010
2253178	5570.752	for size 20-32 mm	24	0.010

## 3/4" square drive

## Ratchets 3/4"

# 8170.00

## REVERSIBLE RATCHET 3/4"



- > Sturdy design
- > With lever ratchet
- > Oval head



Code	No.	"	mm	mm
1683500	8170.00	3/4	510	1.940

## Sockets 3/4"

# 8100

## SOCKET 3/4"



hexagon

- > Female square drive, with ball retaining groove
- > Hand-operated, knurled grip



Code	No.	"	mm	mm
2253410	8100.18	3/4	18	0.160
1683276	8100.19	3/4	19	0.160
1683292	8100.21	3/4	21	0.220
1683306	8100.22	3/4	22	0.210
1683314	8100.24	3/4	24	0.220
1683322	8100.27	3/4	27	0.210
1683330	8100.30	3/4	30	0.250
1683349	8100.32	3/4	32	0.260
1683357	8100.33	3/4	33	0.280
2253429	8100.34	3/4	34	0.290
1683365	8100.36	3/4	36	0.350
1683373	8100.38	3/4	38	0.460
1683381	8100.41	3/4	41	0.550
1683403	8100.46	3/4	46	0.600
1683411	8100.50	3/4	50	0.810
1683438	8100.55	3/4	55	0.930
1683446	8100.60	3/4	60	1.114



## Accessories 3/4"

8150  
EXTENSION 3/4"

- > For hand-operated sockets with square drive
- > With locking pin



Code	No.	□"	■"	↳ mm ↳	⚖️ kg
1683470	8150.20	3/4	3/4	200	0.640
1683462	8150.40	3/4	3/4	400	1.054

8160.00  
ADAPTOR 3/4" - 1"

- > For hand-operated sockets with square drive
- > With locking pin



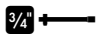
Code	No.	□"	■"	⚖️ kg
1683497	8160.00	3/4	1	0.326

8130.00  
UNIVERSAL JOINT 3/4"

- > For hand-operated sockets with square drive
- > With locking pin



Code	No.	□"	■"	⚖️ kg
1683489	8130.00	3/4	3/4	0.584

8140.00  
TOMMY BAR WITH SLIDING T 3/4"

- > For hand-operated sockets with square drive
- > With locking pin



Code	No.	■"	⚖️ kg
1683454	8140.00	3/4	1.164

## Impact Sockets 3/4"

## 8106

### IMPACT SOCKET 3/4"



- > Suitable for all standard electric and air tools
- > Female square drive



Code	No.	□"	○mm	⚖️
<b>1852086</b>	8106.17	3/4	17	0.326
<b>1852094</b>	8106.18	3/4	18	0.326
<b>1852108</b>	8106.19	3/4	19	0.340
<b>1852116</b>	8106.22	3/4	22	0.354
<b>1852124</b>	8106.24	3/4	24	0.354
<b>1852132</b>	8106.26	3/4	26	0.378
<b>1852140</b>	8106.27	3/4	27	0.388
<b>1852167</b>	8106.29	3/4	29	0.400

Code	No.	□"	○mm	⚖️
<b>1852175</b>	8106.30	3/4	30	0.428
<b>1852183</b>	8106.32	3/4	32	0.472
<b>1852191</b>	8106.33	3/4	33	0.482
<b>1852205</b>	8106.34	3/4	34	0.504
<b>1852213</b>	8106.35	3/4	35	0.508
<b>1852221</b>	8106.36	3/4	36	0.514
<b>1852248</b>	8106.38	3/4	38	0.564
<b>1852256</b>	8106.41	3/4	41	0.594

## 8406

### IMPACT SOCKET 3/4"

long pattern



- > Suitable for all standard electric and air tools
- > Female square drive



Code	No.	□"	○mm	↳ mm ‹	⚖️
<b>2682605</b>	8406.17	3/4	17	100	0.420
<b>2682613</b>	8406.19	3/4	19	100	0.426
<b>2682621</b>	8406.20	3/4	20	100	0.434
<b>2682648</b>	8406.21	3/4	21	100	0.456
<b>2682656</b>	8406.22	3/4	22	100	0.496
<b>2682664</b>	8406.23	3/4	23	100	0.514
<b>2682672</b>	8406.24	3/4	24	100	0.470
<b>2682680</b>	8406.25	3/4	25	100	0.476

Code	No.	□"	○mm	↳ mm ‹	⚖️
<b>2682699</b>	8406.26	3/4	26	100	0.480
<b>2682702</b>	8406.27	3/4	27	100	0.506
<b>2682710</b>	8406.28	3/4	28	100	0.568
<b>2682729</b>	8406.29	3/4	29	100	0.576
<b>2682737</b>	8406.30	3/4	30	100	0.626
<b>2682745</b>	8406.32	3/4	32	100	0.598
<b>2204827</b>	8406.35	3/4	35	100	0.720

## 8435

### IMPACT SOCKET 3/4"

in-hex



- > Square drive as per DIN 3121 - H 20, ISO 1174
- > Suitable for all standard electric and air tools



Code	No.	□"	●mm	↳ mm ‹	⚖️
<b>2682559</b>	8435.22	3/4	22	90	0.520
<b>2682567</b>	8435.24	3/4	24	90	0.561
<b>2682575</b>	8435.27	3/4	27	90	0.650
<b>2682583</b>	8435.30	3/4	30	90	0.670
<b>2682591</b>	8435.32	3/4	32	90	0.740

## Impact Accessories 3/4"

### 8450 IMPACT SOCKET EXTENSION 3/4"



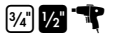
> With square socket as per DIN 3121 - H 20, ISO 1174

> Suitable for all standard electric and air tools



Code	No.	□"	■"	l- mm -l	kg
2682753	8450.100	3/4	3/4	100	0.641
2682761	8450.175	3/4	3/4	175	0.923
2682788	8450.250	3/4	3/4	250	1.223

### 8454.00 IMPACT SOCKET REDUCER 3/4" TO 1/2"



> With square as per DIN 3121, ISO 1174



Code	No.	□"	■"	kg
2682532	8454.00	3/4	1/2	0.334

### 8494.00 IMPACT SOCKET EXTENSION PIECE 3/4" TO 1"



> With square as per DIN 3121, ISO 1174



Code	No.	□"	■"	kg
2682540	8494.00	3/4	1	0.430

### 8470 SAFETY SET

- > Consisting of safety ring and safety pin
- > To secure impact sockets
- > Value pack: contains **5 each rings and pins**

Code	No.	Use	Ø	kg
2253445	8470.750	for size 17-27 mm	33	0.010
2280507	8470.751	for size 28-46 mm	37	0.030
2280515	8470.752	for size 47-65 mm	44	0.050



## Holding rails

### 9630 HOLDING RAILS

- > Holding rail for fitting with socket holders for wrench sockets in drive sizes 1/4" (4195.09) + 3/8" (6195.09) + 1/2" (5195.09)
- > Can also be used in combinations, for individual tool requirements
- > Can be fitted on both sides
- > In various lengths, with two elongated holes for fixing
- > From aluminium
- > Delivery without holder



g rails



Example image

Code	No.	Description	↳ mm ↳	⚖
2255480	9630.060	Holding rail 6"	150	0.030
2255464	9630.080	Holding rail 8"	200	0.040
2255472	9630.120	Holding rail 12"	305	0.060
2256622	9630.170	Holding rail 17"	430	0.090

### X195.09 ADAPTOR FOR HOLDING RAIL

1/4" 3/8" 1/2"

- > Patented holder
- > Can be used on holding rails 9630.xxx
- > Bag of 10



Code	No.	"	⚖
2255510	4195.09	1/4	0.015
2255502	6195.09	3/8	0.020
2255499	5195.09	1/2	0.050

### 9630.471 SOCKETS TORX® 1/4" WITH HOLDING RAIL

1/4" 1/4" ♻️ ♻️

12 pieces

**Holding rail with socket holders comprising:**

- > Holding rail 200 mm (8") in length
- > Sockets TORX® E5 E6 E7 E8 E10
- > Sockets TORX® T10 T15 T20 T25 T27 T30 T40
- > 20 socket holders 1/4"



Code	No.	↳ mm ↳	⚖
2684098	9630.471	200	0.255

## 9630.476

### SOCKETS LONG 1/4" WITH HOLDING RAIL



12 pieces

**Holding rail with socket holders comprising:**

- > Holding rail 200 mm (8") in length
- > Sockets 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm
- > 20 socket holders 1/4"



Code	No.	↳ mm ↳	kg
2684071	9630.476	200	0.537

## 9630.478

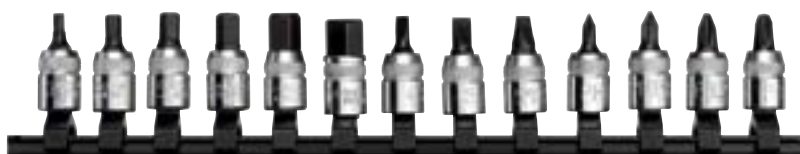
### SCREWDRIVER SOCKETS 1/4" WITH HOLDING RAIL



13 pieces

**Holding rail with socket holders comprising:**

- > Holding rail 200 mm (8") in length
- > Sockets 3 4 5 6 8 10 mm
- > Sockets 4 5.5 6.5
- > Sockets PH 0 1 2 3
- > 20 socket holders 1/4"



Code	No.	↳ mm ↳	kg
2684055	9630.478	200	0.297

## 9630.535

### SCREWDRIVER SOCKETS 1/2" WITH HOLDING RAIL



10 pieces

**Holding rail with socket holders comprising:**

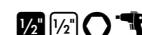
- > Holding rail 300 mm (12") in length
- > Sockets 5 6 7 8 9 10 11 12 14 17 mm
- > 10 socket holders 1/2"



Code	No.	↳ mm ↳	kg
2684063	9630.535	300	1.140

## 9630.540

### IMPACT SOCKETS 1/2" WITH HOLDING RAIL



10 pieces

**Holding rail with socket holders comprising:**

- > Holding rail 300 mm (12") in length
- > Sockets 10 11 12 13 14 15 16 17 19 21 mm
- > 10 socket holders 1/2"



Code	No.	↳ mm ↳	kg
2684101	9630.540	300	0.954





# SOCKET SETS

The carolus socket wrench sets makes you prepared for all eventualities. Here every socket finds its insert and each mechanic the accessories to give the best possible support.



## 1/4" square drive



# 4004.77 SOCKET SET 1/4"

33 pieces

**Contents:**

- > Reversible ratchet 1/4" with 2-component handle

**Sockets:**

- > hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm

**Screwdriver bit sockets:**

- > hexagon 3 4 5 6 8 10 mm
- > slotted 4 5.5 6.5 mm
- > cross-head PH 0 1 2 3

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > sliding T-handle
- > Minimus® interchangeable handle with hex shaft 1/4" sq. dr.
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.



Code	No.	
1514288	4004.77	1.140

Contents	
4177 .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	
4178 .03 .04 .05 .06 .08 .10	
4179 .04 .55 .65	
4179 .10 .20 .30 .40	

Contents	
4179 .50 .00	
4179 .80	
4179 .70	
4179 .94	

Contents	
7080 .50	
4177 .20	

# 4004.79 SOCKET SET 1/4"

33 pieces

**Contents:**

- > Reversible ratchet 1/4" with 2-component handle

**Sockets:**

- > hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm

**Screwdriver bit sockets:**

- > hexagon 3 4 5 6 8 10 mm
- > TORX® T10 T15 T20 T25 T27 T30 T40

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > sliding T-handle
- > Minimus® interchangeable handle with hex shaft 1/4" sq. dr.
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	
1514326	4004.79	1.136

Contents	
4177 .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	
4178 .03 .04 .05 .06 .08 .10	
4173 .10 .15 .20 .25 .27 .30 .40	

Contents	
4179 .50 .00	
4179 .80	
4179 .70	

Contents	
4179 .94	
7080 .50	
4177 .20	



# 4004.99

## SOCKET SET 1/4"

33 pieces



**Contents:**

- > Reversible ratchet 1/4" with 2-component handle

**Sockets:**

- > hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm

**Screwdriver bit sockets:**

- > hexagon 3 4 5 6 8 10 mm
- > TORX® with hole TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > sliding T-handle
- > Minimus® interchangeable handle with hex shaft 1/4" sq. dr.
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.			kg		
1514512	4004.99			1.148		
		Contents	Contents	Contents		
	<b>4177</b>	.04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13		<b>4179</b>	.50 .00	
	<b>4178</b>	.03 .04 .05 .06 .08 .10		<b>4179</b>	.80	
	<b>4173</b>	.10 .15 .20 .25 .27 .30 .40		<b>4179</b>	.70	
					<b>4179</b>	.94
					<b>7080</b>	.50
					<b>7190</b>	.30

# 4004.90

## SOCKET SET 1/4"

33 pieces



**Contents:**

- > Readyflex® ratchet 1/4"
- > Particularly suitable for barely accessible places

**Sockets:**

- > hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm

**Screwdriver bit sockets:**

- > hexagon 3 4 5 6 8 10 mm
- > slotted 4 5.5 6.5 mm
- > cross-head PH 0 1 2 3

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > sliding T-handle
- > Minimus® interchangeable handle with hex shaft 1/4" sq. dr.
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.
- > Bit adaptor 1/4" with magnet



Code	No.			kg		
1514431	4004.90			1.166		
		Contents	Contents	Contents		
	<b>4177</b>	.04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13		<b>4179</b>	.50 .00	
	<b>4178</b>	.03 .04 .05 .06 .08 .10		<b>4179</b>	.80	
	<b>4179</b>	.04 .55 .65		<b>4179</b>	.70	
	<b>4179</b>	.10 .20 .30 .40		<b>4002</b>	.42	
					<b>7080</b>	.50
					<b>7290</b>	.30
					<b>7060</b>	.00

# 4004.91 SOCKET SET 1/4"

33 pieces



**Contents:**

- > Readyflex® ratchet 1/4"
- > Particularly suitable for barely accessible places

**Sockets:**

- > hexagon  
4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm











**Screwdriver bit sockets:**

- > hexagon 3 4 5 6 8 10 mm
- > TORX® with hole TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > sliding T-handle
- > Minimus® interchangeable handle with hex shaft 1/4" sq. dr.
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.
- > Bit adaptor 1/4" with magnet
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

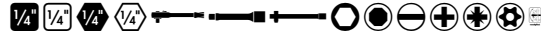


Code	No.	Contents	Contents
1514458	4004.91		
		 <b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13	 <b>7080</b> .50
		 <b>4178</b> .03 .04 .05 .06 .08 .10	 <b>7060</b> .00
		 <b>4173</b> .10 .15 .20 .25 .27 .30 .40	 <b>7290</b> .30
		 <b>4179</b> .50 .00	
		 <b>4179</b> .80	
		 <b>4179</b> .70	
		 <b>4002</b> .42	

# 4004.84

## SOCKET SET 1/4"

36 pieces



**Contents:**

- > Readyflex® ratchet 1/4"
- > Particularly suitable for barely accessible places

**Sockets:**

- > hexagon 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm

**Screwdriver bit sockets:**

- > hexagon 4 5 6 mm
- > slotted 5.5 mm
- > cross-head PH 2
- > cross-head Pozzi PZ 2
- > TORX® with hole TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40

**Accessories:**

- > Extensions 50 mm, 100 mm
- > Universal joint
- > Magnetic pick-up
- > Minimus® interchangeable handle with double bits
- > slotted 2.5 + 3.5, cross-head PH 0 + 1
- > Bit adaptor 1/4" with magnet
- > Adaptor 1/4" sq. dr. x 1/4" hex dr.
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.			kg	
1514377	4004.84			1.158	
	<b>4177</b> .04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13		<b>4179</b> .50 .00		<b>7060</b> .00
	<b>4178</b> .04 .05 .06		<b>4179</b> .80		<b>7080</b> .50
	<b>4179</b> .55		<b>4178</b> .50		<b>7225</b> .00
	<b>4179</b> .30		<b>4002</b> .42		<b>4002</b> .41
	<b>4172</b> .20		<b>4244</b> .25		
	<b>4173</b> .10 .15 .20 .25 .27 .30 .40		<b>4244</b> .00		

# 4400.0049

## SOCKET SET 1/4" WITH BIT FIX ADAPTOR COMPACT

49 pieces



- > Socket set 1/4" with bit fix adaptor
- > The bit locking sleeve is attached with the same diameter at the adapter
- > Additional safety: The unlocking mechanism is behind the bit mounting
- > The slender design allows deep-seated screws to be reached
- > Compact ratchet for working in confined spaces
- > The turning direction is changed by swivelling the handle (gear)
- > Supplied in an attractive plastic box with transparent lid

**Sockets:**

- > in-hex 4.5 5 5.5 6 7 8 9 10 11 12 13 14
- > 1/4" bits:
- > hexagon 2 3 4 5 6 8 mm
- > slotted 4.5 5.5 6.5 mm
- > PH 0 1 2 3
- > PZ 0 1 2 3

- > TORX® T10 T15 T20 T20 T25 T25 T27 T30 T40
- > TORX® BO TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40
- > Ratchet 1/4" reversible, 72 teeth, fine toothed
- > Universal extension 50 mm
- > Bit-Fix. adaptor 1/4"
- > Adaptor 1/4" to 1/4"



Code	No.			kg
2978105	4400.0049			0.667



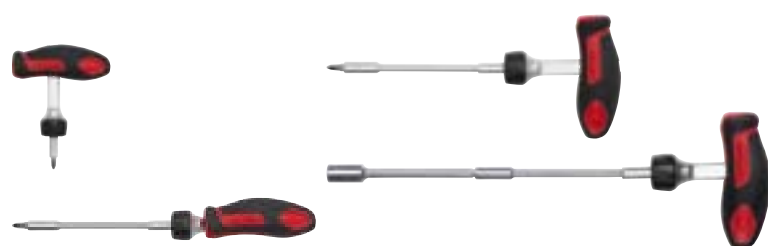
## 3800.0037

### TOOL SET T-HANDLE WITH RATCHET 1/4"

37 pieces

**Contents:**

- > Screwdriver T-handle with ratchet 1/4", reversible
- > Sockets, 135 mm long, hexagon 6 7 8 9 10 11 12 13 14 mm
- > Bit holder 1/4" and extension 135 mm
- > Bits 1/4":
  - > slotted 4.5 5.5 6.5 mm
  - > cross-head PH 1 2 2 3
  - > cross-head PZ 1 2 2 3
  - > hexagon 3 4 5 6 8 mm
  - > TORX® T10 T15 T20 T25 T30 T40
  - > TORX® with hole TXB10 TXB15 TXB20 TXB25

Code  
2921677No.  
3800.0037

1.335

## 3090.0023

### BIT RATCHET SET 1/4" WITH ADAPTOR COMPACT

23 pieces

**Contents:**

- > Socket hexagon 6 7 8 10 11 12 13
- > 1/4" Bits:
  - > Hexagon 4 5 6 mm
  - > Slotted 5.5 mm
  - > PH 1 2
  - > PZ 1 2
  - > TORX® T15 T20 T25 T27 T30
  - > Reversible bit ratchet 1/4" MINI
  - > Adaptor 1/4" x 1/4"
  - > Bit fixation adaptor 1/4"

Code  
2978091No.  
3090.0023

0.380

## 3/8" square drive

## 6600.100

## SLIM SIXTY SOCKET SET 3/8"

12 pieces


**Contents:**

- > SLIM SIXTY Ratchet 3/8": 60 teeth, lever change, push-button release, slim head
- > sockets hexagon 6 7 8 9 10 11 13 14 17 19 mm

**Accessories:**

- > sliding-T reducer extension 1/2" - 3/8", 200 mm



Code	No.	
2253658	6600.100	1.379

## 6600.300

## SLIM SIXTY SOCKET SET 3/8"

22 pieces


**Contents:**

- > SLIM SIXTY Ratchet 3/8": 60 teeth, lever change, push-button release, slim head
- > sockets hexagon 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm

**Accessories:**

- > Extensions 125 mm, 250 mm
- > Universal joint
- > sliding-T reducer extension 1/2" - 3/8", 200 mm

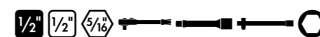


Code	No.	
2253666	6600.300	3.076

## 1/2" square drive

# 5000.00 SOCKET SET 1/2"

24 pieces



**Contents:**

- > Reversible ratchet 1/2" with 2-component handle
- > sockets hexagon  
10 11 12 13 14 15 16 17 18 19 21 22 24 27 28 30 32 mm

**Accessories:**

- > Extensions 75 mm, 125 mm, 250 mm
- > Universal joint
- > sliding T-handle
- > Adaptor 1/2" sq. dr. x 5/16" hex dr.



Code	No.	
1516191	5000.00	5.344

Contents	
5100 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .24 .27 .28 .30 .32	
5150 .75 .12 .25	

Contents	
5130 .00	
5140 .00	

Contents	
5160 .00	
5190 .20	

# 5012.00 SOCKET SET 1/2"

24 pieces



**Contents:**

- > Reversible ratchet 1/2" with 2-component handle
- > sockets bi-hexagon 10 11 12 13 14 15 16 17 18 19 21 22 24 27 28 30 32 mm

**Accessories:**

- > Extensions 75 mm, 125 mm, 250 mm
- > Universal joint
- > sliding T-handle
- > Adaptor 1/2" sq. dr. x 5/16" hex dr.



Code	No.	
1893793	5012.00	5.160

Contents	
5112 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .24 .27 .28 .30 .32	
5150 .75 .12 .25	

Contents	
5130 .00	
5140 .00	

Contents	
5160 .00	
5190 .20	

# 5800.00

## SOCKET SET 1/2" + 1/4"

49 pieces



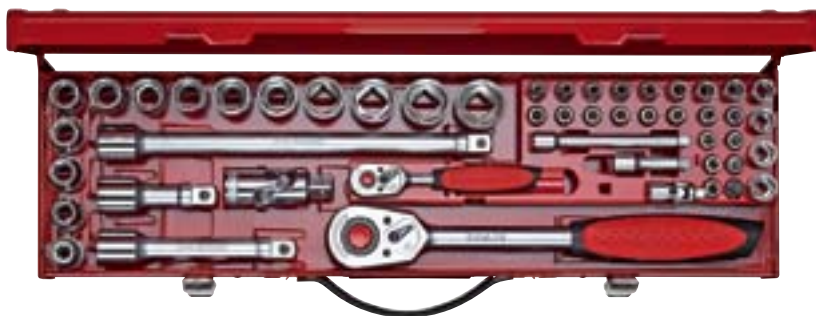
**Contents:**

- > Reversible ratchet 1/2" with 2-component handle
- > sockets hexagon 1/2" 10 11 12 13 14 15 16 17 18 19 21 22 24 mm
- > Extensions 1/2" 75 mm, 125 mm, 250 mm
- > Universal joint 1/2"
- > Adaptor 1/2" sq. dr. x 5/16" hex dr., can also be used as 8 mm socket

**Tools on module:**

- > Ratchet 1/4" with 2-component handle
- > sockets hexagon 1/4" 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm
- > screwdriver bit sockets 1/4":
- > hexagon 4 5 6 8 mm
- > slotted 5.5 mm
- > cross-head PH 2
- > cross-head Pozi PZ 2

- > TORX® with hole TXB10 TXB15 TXB20 TXB25 TXB27 TXB30 TXB40
- > Extensions 1/4" 50 mm, 100 mm
- > Universal joint 1/4"
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.			
1516906	5800.00			5.142
	<b>5100</b>	.10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .21 .22 .24		<b>4178</b> .04 .05 .06 .08
	<b>5150</b>	.75 .12 .25		<b>4179</b> .55
	<b>5130</b>	.00		<b>4179</b> .30
	<b>5160</b>	.00		<b>4172</b> .20
	<b>4177</b>	.04 .45 .05 .55 .06 .07 .08 .09 .10 .11 .12 .13		<b>4173</b> .10 .15 .20 .25 .27 .30 .40
				<b>4179</b> .50 .00
				<b>4179</b> .80
				<b>5190</b> .20
				<b>4177</b> .20

# 5560.00

## SOCKET SET 1/2"

14 pieces

- > For deep-fitting screws, studs etc.
- > Length: 75 mm

**Contents:**

- > sockets hexagon 10 12 13 14 15 17 19 21 22 23 24 27 30 32 mm



Code	No.			
1825054	5560.00			3.746
	<b>5106</b>	.10 .12 .13 .14 .15 .17 .19 .21 .22 .23 .24 .27 .30 .32		

# 5530.00 SOCKET SET 1/2" TORX®



16 pieces

**Contents:**

- > Sockets protruding TORX® E10E11E12E14E16E18E20E22E24
- > Screwdriver bit sockets recessed TORX® T30 T40 T45 T50 T55 T60 T70
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	
1852035	5530.00	1.690

Contents	
	5300 .10 .11 .12 .14 .16 .18 .20 .22 .24

Contents	
	5303 .30 .40 .45 .50 .55 .60 .70

# 5540.00 IMPACT SOCKET SET 1/2"



12 pieces

**Contents:**

- > Impact sockets hexagon 10 11 12 13 14 15 16 17 19 21 22 24 mm



Code	No.	
1852051	5540.00	1.598

Contents	
	5400 .10 .11 .12 .13 .14 .15 .16 .17 .19 .21 .22 .24



# 5575.00

## IMPACT SOCKET SET 1/2"



3 pieces

- > Plastic sleeves protect sensitive surfaces, e.g. light-alloy rims, chromed-plates parts, etc.
- > For controlled tightening of wheel nuts on light-alloy rims
- > Different colours for quick access to the required size
- > Length: 85 mm

**Contents:**

- > Impact sockets 17 19 21 mm



Code  
1854178

No.  
5575.00

0.830

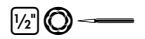
**Contents**

5575 .17 .19.21



# 5199.0010

## EXTRACTOR SET 1/2"



10 pieces

- > For removing screws and nuts with damaged head

**Contents:**

- > Special socket 1/2" 1/2" 10 11 12 13 14 15 16 17 19 mm
- > Punch
- > from chrome-molybdenum steel



Code  
2950316

No.  
5199.0010

0.720

**3/4" square drive**

**8100.00**  
**SOCKET SET 3/4"**



14 pieces

**Contents:**

- > Reversible ratchet with lever change 3/4"
- > sockets hexagon 22 24 27 30 32 36 38 41 46 50 mm

**Accessories:**

- > Extensions 200 mm, 400 mm
- > sliding T-handle



Code	No.	kg										
<b>1683268</b>	8100.00	14.2										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 50%; text-align: center;">Contents</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"><b>8100</b> .22 .24 .27 .30 .32 .36 .38 .41 .46 .50</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"><b>8150</b> .20 .40</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"><b>8140</b> .00</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"><b>8170</b> .00</td> </tr> </tbody> </table>				Contents		<b>8100</b> .22 .24 .27 .30 .32 .36 .38 .41 .46 .50		<b>8150</b> .20 .40		<b>8140</b> .00		<b>8170</b> .00
	Contents											
	<b>8100</b> .22 .24 .27 .30 .32 .36 .38 .41 .46 .50											
	<b>8150</b> .20 .40											
	<b>8140</b> .00											
	<b>8170</b> .00											

# TORQUE WRENCHES

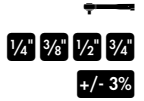
Timing is what counts: carolus torque wrenches help you get the right tension. The selection depends solely on you. The product range stands for reliable quality in every situation.



## Torque Wrenches

# 4900 - 8900 TORQUE WRENCH

5 - 550 N·m



**Use:**

- > Controlled screw tightening from 5 to 550 N·m
- > For use in all areas of industrial manufacturing

**Features:**

- > Adjustable torque wrench with square drive and integrated ratchet-head function
- > For controlled bi-directional tightening
- > Actuation accuracy: +/- 3% tolerance of the scale set torque
- > Dual scale N·m and lbf·ft

**Scope of delivery:**

- > Torque wrench with test certificate acc. to DIN EN ISO 6789
- > Operating instructions



Code	No.	Execution	■ "	N·m	lb·ft	l mm	kg
2648350	4900.025	with mushroom head	1/4	5-25	0,1 N·m	285	0.515
2648369	6900.070	with mushroom head	3/8	14-70	0,2 N·m	350	1.058
2648377	5900.100	with mushroom head	1/2	20-100	0,5 N·m	395	1.176
2648393	5900.200	with mushroom head	1/2	40-200	1,0 N·m	485	1.350
2648407	5900.300	with mushroom head	1/2	60-300	1,0 N·m	575	1.541
2648415	8900.400	with push through square	3/4	80-400	1,0 N·m	685	2.390
2648423	8900.550	with push through square	3/4	110-550	1,0 N·m	955	4.184

## Accessories

# 4901 - 8901 MUSHROOM HEAD / COUPLER



- > Black PPN plastic
- > Can also be used as a replacement for push-through square



Code	No.	■ "	kg
2655098	4901.025	1/4	0.021
2655101	6901.070	3/8	0.022
2655128	5901.000	1/2	0.060
2655136	8901.000	3/4	0.133





# SCREWDRIVERS

Reliable assistants for every event: screwdrivers from carolus. You have a choice: whether Philips or slot screwdriver, short or long blade - our screwdrivers and the corresponding bits are made of sturdy material and do not let you down!










## Screwdrivers

3600  
SCREWDRIVER

SLOTTED

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV








Code	No.	mm 	mm 	 mm	 mm	 kg
2251256	3600.030	3.0	0.5	75	145	0.030
2251264	3600.040	4.0	0.8	100	170	0.040
2251272	3600.055	5.5	1.0	100	210	0.080
2251280	3600.065	6.5	1.2	150	260	0.110
2251299	3600.080	8.0	1.2	150	270	0.160
2251302	3600.100	10.0	1.6	200	320	0.220

3620  
SCREWDRIVER

SLOTTED, short pattern "STUBBY"

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV







Code	No.	mm 	mm 	 mm	 mm	 kg
2251353	3620.040	4.0	0.8	38	63	0.050
2251361	3620.065	6.5	1.2	38	63	0.050

3630  
SCREWDRIVER

PH

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV



Code	No.	 PH	 mm	 mm	 kg
2251396	3630.000	0	75	145	0.040
2251426	3630.010	1	100	210	0.070
2251434	3630.020	2	100	210	0.100
2251442	3630.030	3	150	270	0.100

# 3640




## SCREWDRIVER



PZ

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV



Code	No.	⊕ PZ	 mm	 mm	
2251450	3640.000	0	75	145	0.030
2251469	3640.010	1	100	210	0.080
2251477	3640.020	2	100	210	0.100
2251485	3640.030	3	150	270	0.160

# 3650




## SCREWDRIVER



PH, short pattern "STUBBY"

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV



Code	No.	⊕ PH	 mm	 mm	
2251493	3650.010	1	38	63	0.050
2251507	3650.020	2	38	63	0.050

# 3660




## SCREWDRIVER



PZ, short pattern "STUBBY"

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV






Code	No.	⊕ PZ	 mm	 mm	
2251515	3660.010	1	38	63	0.060
2251523	3660.020	2	38	63	0.060

# 3690 SCREWDRIVER

TORX®

- › Blade from alloy steel in high SVCM quality
- › Surface chrome-plated with black tip
- › With 2-component handle
- › Hard component from PP, non-slip soft component from TPV
- › TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.				
			l - mm	l - mm	kg
2251531	3690.060	T6	75	145	0.030
2251558	3690.070	T7	75	145	0.030
2251566	3690.080	T8	75	145	0.030
2251574	3690.090	T9	75	145	0.040
2251582	3690.100	T10	100	210	0.070
2251590	3690.150	T15	100	210	0.070
2251604	3690.200	T20	100	210	0.070
2251612	3690.250	T25	100	210	0.100
2251620	3690.270	T27	100	210	0.100
2251639	3690.300	T30	100	210	0.100
2251647	3690.400	T40	100	210	0.110

# 3603.000 SCREWDRIVER SET

6 pieces

- › Blade from alloy steel in high SVCM quality
- › Surface chrome-plated with black tip
- › With 2-component handle
- › Hard component from PP, non-slip soft component from TPV

#### Contents:

- › slotted screwdriver 3 5.5 6.5 mm
- › cross-head screwdriver PH 0 1 2



Code	No.	
2251671	3603.000	0.435

# 3604.000 SCREWDRIVER SET


6 pieces

- › Blade from alloy steel in high SVCM quality
- › Surface chrome-plated with black tip
- › With 2-component handle
- › Hard component from PP, non-slip soft component from TPV

#### Contents:

- › slotted screwdriver 3 5.5 6.5 mm
- › cross-head screwdriver Pozi PZ 0 1 2



Code	No.	
2251698	3604.000	0.435

# 3690.000

## SCREWDRIVER SET

6 pieces

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV

**Contents:**

- > TORX® screwdriver T10 T15 T20 T25 T30 T40
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	
2251701	3690.000	0.550

# 3637.000

## SCREWDRIVER SET XXL

12 pieces

- > Blade from alloy steel in high SVCM quality
- > Surface chrome-plated with black tip
- > With 2-component handle
- > Hard component from PP, non-slip soft component from TPV

**Contents:**

- > slotted screwdriver 3 4 5.5 6.5 8 mm
- > cross-head screwdriver PH 1 2
- > cross-head screwdriver Pozzi PZ 1 2
- > VDE slotted screwdriver 2.5 mm
- > VDE cross-head screwdriver PH 1
- > Voltage tester 2 mm



Code	No.	
2254301	3637.000	0.927

# 3810

## SCREWDRIVER

in-hex

- > With 2-component handle
- > Blade from bit steel, matt chrome-plated



Code	No.	mm	L <sub>1</sub>	L <sub>2</sub>	
2250942	3810.025	2,5	100	52	0.050
2250950	3810.030	3	100	52	0.044
2250969	3810.040	4	150	52	0.063
2250977	3810.050	5	150	65	0.080
2250985	3810.060	6	150	65	0.108
2250993	3810.080	8	200	75	0.217
2251019	3810.100	10	200	80	0.280

## 3810.600

### SCREWDRIVER SET


6 pieces

- > With 2-component handle
- > Blade from bit steel, matt chrome-plated

**Contents:**

- > Hexagon screwdriver 2.5 3 4 5 6 8 mm






Code	No.			
2254417	3810.600			0.731

## 3710

### VOLTAGE TESTER

- > Max. 250 Volt




Code	No.	 mm	 mm	
1695584	3710.03	3.0	135	0.028

## 3711

### VOLTAGE TESTER

- > Max. 250 Volt



Code	No.	 mm	 mm	
2254328	3711.030	3.0	135	0.030



## 3720

### HEXAGON SOCKET KEY

in-hex



Code	No.	mm	L <sub>1</sub>	L <sub>2</sub>	g
1671359	3720.02	2	50	16	0.002
1671391	3720.25	2,5	56	18	0.003
1671448	3720.03	3	63	20	0.004
1671685	3720.04	4	70	25	0.010
1671693	3720.05	5	80	28	0.018
1671707	3720.06	6	90	32	0.030
1671715	3720.07	7	95	34	0.042
1671723	3720.08	8	100	36	0.058
1670832	3720.10	10	105	40	0.102

## 3730

### HEXAGON SOCKET KEY

with ball end, in-hex



Code	No.	mm	L <sub>1</sub>	L <sub>2</sub>	g
1695614	3730.02	2	100	16	0.002
1695703	3730.25	2,5	112	18	0.006
1695630	3730.03	3	126	20	0.008
1695649	3730.04	4	140	25	0.020
1695657	3730.05	5	160	28	0.030
1695665	3730.06	6	180	32	0.050
1695673	3730.08	8	200	36	0.098
1695681	3730.10	10	224	40	0.170

## 3740

### HEXAGON SOCKET KEY

TORX®



> TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code	No.		L <sub>1</sub>	L <sub>2</sub>	g
1695746	3740.07	T7	80	16	0.003
1695770	3740.08	T8	80	16	0.003
1695797	3740.09	T9	83	16	0.003
1695819	3740.10	T10	86	17	0.004
1695827	3740.15	T15	90	18	0.006
1695835	3740.20	T20	95	19	0.008
1695843	3740.25	T25	100	20	0.010
1695851	3740.27	T27	105	21	0.016
1695886	3740.30	T30	114	24	0.020
1695894	3740.40	T40	124	26	0.030

## 3720.00

### HEXAGON SOCKET KEY SET


8 pieces

- > In plastic holder
- > For in-hex screws

**Contents:**

- > 2 2.5 3 4 5 6 8 10 mm



Code	No.	
1671324	3720.00	0.240

## 3730.00

### HEXAGON SOCKET KEY SET

9 pieces

- > In plastic holder
- > With ball end
- > For in-hex screws

**Contents:**

- > 1.5 2 2.5 3 4 5 6 8 10 mm



Code	No.	
1695592	3730.00	0.404

## 3740.00

### HEXAGON SOCKET KEY SET

7 pieces

- > In plastic holder
- > For recessed TORX® head screws

**Contents:**

- > T10 T15 T20 T25 T27 T30 T40
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



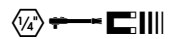
Code	No.	
1695711	3740.00	0.112

**3800.000****EXTENDABLE SHANK SCREWDRIVER 13IN1**

- > The all-rounder: 13 screwdriver profiles stored in one tool
- > Screwdriver handle with integrated ratchet function, reversible
- > Telescopic blade recessed 1/4" bit drive, adjustable from 55 to 125 mm
- > Bit depot contains 13 bits 1/4":
  - > slotted 4 4.5 5.5 mm
  - > cross-head PH 1 PH 2 PH 3
  - > cross-head Pozidriv PZ 1 PZ 2
  - > TORX® T10 T15 T20 T25
  - > hexagon 4 mm
- > Compilation of the most used bits for slotted, cross-head, pozidriv and TORX® screws, as well as the hexagon bit 4 mm, e.g. for the assembly of Swedish furniture kits
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



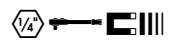
Code	No.		
2251663	3800.000		0.280

**3801.000****RATCHET SCREWDRIVER 1/4" WITH TELESCOPIC BLADE**

- > Screwdriver handle with comfort functions
- > Telescopic blade infinitely adjustable
- > Reversible clockwise/anticlockwise ratchet function
- > Central position ratchet lock
- > 2-component handle
- > Internal hexagon mounting with holding magnet for bits



Code	No.					
2978113	3801.000	1/4	6.3	0-100	183-287	0.223

**3802.000****RATCHET SCREWDRIVER 1/4" WITH INTERCHANGEABLE SHAFT**

- > Screwdriver handle with additional change function
- > The bit locking sleeve is attached with the same diameter at the adapter
- > Additional safety: The unlocking mechanism is behind the bit mounting
- > The slender design allows deep-seated screws to be reached
- > Reversible clockwise/anticlockwise ratchet function
- > Central position ratchet lock
- > 2-component handle
- > Internal hexagon mounting with bit fixing and holding magnet
- > For machine drive



Code	No.		
2978121	3802.000	135	0.223

# 4125.00

## BIT SCREWDRIVER 1/4"



- > 2-component handle
- > Hex recess drive for bits 1/4"
- > With powerful magnetic holder



Code	No.	Hex "	mm	mm	kg
2255928	4125.00	1/4	100	210	0.110

# 4080.40

## MINIMUS® SET ESSENTIAL



### Contents:

- > Handle Minimus® 1/4" 4002.42
- > Hexagonal shaft with recessed 1/4" bit drive 4002.40
- > Adaptor 1/4" 7080.50
- > Adaptor 1/4" with magnet 7055.00



Code	No.	Hex "	Hex "	Hex "	kg
2252422	4080.40	1/4	1/4	1/4	0.112

## Bits 1/4" drive

## Bit Boxes

## 3000.01

### BIT BOX 1/4"



31 pieces

- > Box with clear cover
- > Bits: Hardness: 60 HRC +/- 2, torque: 18.4 N·m

**Contents:**

- > in-hex 3 4 5
- > slotted 0.6x4.5 1.0x5.5 1.2x6.5
- > 2 pieces each:
- > Phillips PH 1 2 3
- > Pozidriv PZ 1 2 3
- > TORX® T10 T15 T20 T25 T30 T40
- > Quick change adaptor for 1/4" bits C 6.3 with magnet

Code  
2251159No.  
3000.01

  
0.250

## 3000.02

### BIT BOX 1/4" BICOLOR



31 pieces

- > Box with clear cover
- > Bits, two-color: Hardness: 60 HRC +/- 2, torque: 18.4 N·m

**Contents:**

- > in-hex 3 4 5
- > slotted 0.6x4.5 1.0x5.5 1.2x6.5
- > 2 pieces each:
- > Phillips PH 1 2 3
- > Pozidriv PZ 1 2 3
- > TORX® T10 T15 T20 T25 T30 T40
- > Quick change adaptor with magnet

Code  
2251175No.  
3000.02

  
0.251



## Bits and accessories

## 3401

### VALUE PACKS - SCREWDRIVER BITS 1/4" PH



- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price



Code	No.	Contents	
<b>2254522</b>	3401.01	10x PH 1	0.050
<b>2254549</b>	3401.02	10x PH 2	0.050
<b>2254565</b>	3401.03	10x PH 3	0.050

## 3501

### VALUE PACKS - SCREWDRIVER BITS 1/4" PZ



- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price



Code	No.	Contents	
<b>2254468</b>	3501.01	10x PZ 1	0.050
<b>2254484</b>	3501.02	10x PZ 2	0.050
<b>2254506</b>	3501.03	10x PZ 3	0.050

## 3101

### VALUE PACKS - SCREWDRIVER BITS 1/4" TORX®



- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	Contents					Code	No.	Contents				
<b>2254654</b>	3101.06	10x T6	M2	1,70	0.050	<b>2254786</b>	3101.20	10x T20	M4 - M5	3,86	0.050		
<b>2254670</b>	3101.07	10x T7	M2,5	1,99	0.050	<b>2254808</b>	3101.25	10x T25	M4,5 - M5	4,43	0.050		
<b>2254697</b>	3101.08	10x T8	M2,5	2,31	0.040	<b>2254824</b>	3101.27	10x T27	M4,5 - M6	4,99	0.050		
<b>2254719</b>	3101.09	10x T9	M3	2,50	0.050	<b>2254840</b>	3101.30	10x T30	M6 - M7	5,52	0.050		
<b>2254735</b>	3101.10	10x T10	M3 - M3,5	2,74	0.050	<b>2254867</b>	3101.40	10x T40	M7 - M8	6,65	0.050		
<b>2254751</b>	3101.15	10x T15	M3,5 - M4	3,27	0.050								

## 3151

VALUE PACKS - SCREWDRIVER BITS 1/4" TORX®  
WITH HOLE

- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.	Contents	M	★ mm	kg
2254883	3151.10	10x TXB10	M3 - M3,5	2,74	0.050
2254891	3151.15	10x TXB15	M3,5 - M4	3,27	0.050
2254905	3151.20	10x TXB20	M4 - M5	3,86	0.050
2254913	3151.25	10x TXB25	M4,5 - M5	4,43	0.060
2254921	3151.27	10x TXB27	M4,5 - M6	4,99	0.060
2254948	3151.30	10x TXB30	M6 - M7	5,52	0.050
2254956	3151.40	10x TXB40	M7 - M8	6,65	0.050

## 3201

VALUE PACKS - SCREWDRIVER BITS 1/4"  
SLOTTED

- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price



Code	No.	Contents	kg
2254581	3201.30	10x 3 mm	0.050
2254603	3201.45	10x 4,5 mm	0.050
2254611	3201.55	10x 5,5 mm	0.050
2254638	3201.65	10x 6,5 mm	0.060
2254646	3201.80	10x 8 mm	0.080

## 3301

VALUE PACKS - SCREWDRIVER BITS 1/4"  
IN-HEX

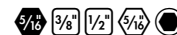
- > Hexagon drive as per DIN 3126 - C 6.3
- > 10-piece value packs
- > Quantity price



Code	No.	Contents	kg
2254964	3301.02	10x 2 mm	0.050
2254972	3301.03	10x 3 mm	0.050
2254980	3301.04	10x 4 mm	0.050
2254999	3301.05	10x 5 mm	0.080
2255006	3301.06	10x 6 mm	0.050
2255014	3301.08	10x 8 mm	0.050

## Bits 5/16" drive

## Bit Sets

6460.10  
BIT SET 5/16"

15 pieces

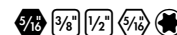
**Screwdriver bits:**

- > in-hex 50 mm long: 4 5 6 7 8 10 12 14 mm
- > in-hex 100 mm long: 5 6 7 8 10 mm

**Adaptors for ratchet use:**

- > 3/8" sq. dr. x 5/16" hex dr.
- > 1/2" sq. dr. x 5/16" hex dr.

Code  
1518364No.  
6460.10

  
0.960
6460.20  
BIT SET 5/16"

13 pieces

**Screwdriver bits:**

- > TORX® 50 mm long: T20 T25 T27 T30 T40 T45 T50 T55
- > TORX® 100 mm long: T40 T45 T55

**Adaptors for ratchet use:**

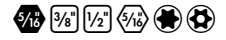
- > 3/8" sq. dr. x 5/16" hex dr.
- > 1/2" sq. dr. x 5/16" hex dr.
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA

Code  
1518372No.  
6460.20

  
0.842

# 6460.21

## BIT SET 5/16"



13 pieces

### Screwdriver bits:

- > TORX® with hole, 50 mm long: TXB20 TXB25 TXB27 TXB30 TXB40 TXB45 TXB50 TXB55
- > TORX® 100 mm long: T40 T45 T55

### Adaptors for traditional ratchet use:

- > 3/8" sq. dr. x 5/16" hex dr.
- > 1/2" sq. dr. x 5/16" hex dr.
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



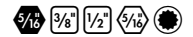
Code  
1518380

No.  
6460.21

0.836

# 6460.40

## BIT SET 5/16"



11 pieces

### Screwdriver bits:

- > Multi-point XZN 50 mm long: 5 6 8 10 12 mm
- > Multi-point XZN 100 mm long: 6 8 10 12 mm

### Adaptors for ratchet use:

- > 3/8" sq. dr. x 5/16" hex dr.
- > 1/2" sq. dr. x 5/16" hex dr.



Code  
1518402

No.  
6460.40

0.856

## Bits and accessories

6095  
SCREWDRIVER BIT 5/16"

TORX®

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.			l- mm -l		Code	No.			l- mm -l	
1517465	6095.20	2x T20	M4 - M5	50	0.020	1517538	6095.45	2x T45	M8 - M10	50	0.040
1517473	6095.25	2x T25	M4,5 - M5	50	0.021	1517546	6095.50	2x T50	M10	50	0.040
1517481	6095.27	2x T27	M4,5 - M6	50	0.022	1517554	6095.55	2x T55	M12	50	0.068
1517503	6095.30	2x T30	M6 - M7	50	0.022	1517562	6095.60	2x T60	M14	50	0.084
1517511	6095.40	2x T40	M7 - M8	50	0.022						

6098  
SCREWDRIVER BIT 5/16"

TORX®, extra long

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.			l- mm -l	
1517678	6098.40	2x T40	M7 - M8	100	0.080
1517686	6098.45	2x T45	M8 - M10	100	0.080
1517694	6098.55	2x T55	M12	100	0.152

6096  
SCREWDRIVER BIT 5/16"

TORX® with hole

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial
- > TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA



Code	No.				l- mm -l	
1517570	6096.20	2x TXB20	TXB20	M4 - M5	50	0.032
1517589	6096.25	2x TXB25	TXB25	M4,5 - M5	50	0.036
1517597	6096.27	2x TXB27	TXB27	M4,5 - M6	50	0.036
1517600	6096.30	2x TXB30	TXB30	M6 - M7	50	0.036
1517619	6096.40	2x TXB40	TXB40	M7 - M8	50	0.036
1517627	6096.45	2x TXB45	TXB45	M8 - M10	50	0.040
1517635	6096.50	2x TXB50	TXB50	M10	50	0.040
1517643	6096.55	2x TXB55	TXB55	M12	50	0.064
1517651	6096.60	2x TXB60	TXB60	M14	50	0.080



## 6035

### SCREWDRIVER BIT 5/16"



in-hex

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial



Code	No.	mm	mm	mm
1517031	6035.04	2x 4 mm	50	0.036
1517058	6035.05	2x 5 mm	50	0.036
1517066	6035.06	2x 6 mm	50	0.036
1517074	6035.07	2x 7 mm	50	0.040
1517082	6035.08	2x 8 mm	50	0.040
1517090	6035.10	2x 10 mm	50	0.060
1517104	6035.12	2x 12 mm	50	0.076
1517112	6035.14	2x 14 mm	50	0.100

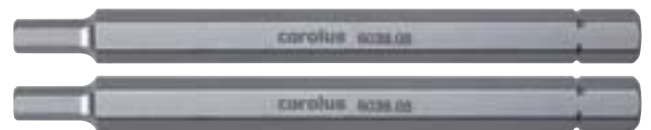
## 6038

### SCREWDRIVER BIT 5/16"



in-hex, extra long

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial



Code	No.	mm	mm	mm
1517120	6038.04	2x 4 mm	100	0.076
1517139	6038.05	2x 5 mm	100	0.076
1517147	6038.06	2x 6 mm	100	0.080
1517155	6038.07	2x 7 mm	100	0.080
1517163	6038.08	2x 8 mm	100	0.084
1517171	6038.10	2x 10 mm	100	0.124

## 6055

### SCREWDRIVER BIT 5/16"



in-hex, with ball end

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial



Code	No.	mm	mm	mm
1517295	6055.04	2x 4 mm	50	0.032
1517309	6055.05	2x 5 mm	50	0.036
1517317	6055.06	2x 6 mm	50	0.036
1517325	6055.07	2x 7 mm	50	0.040
1517333	6055.08	2x 8 mm	50	0.040
1517341	6055.10	2x 10 mm	50	0.052

## 6045

### SCREWDRIVER BIT 5/16"



XZN

- > For multi-point screws
- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial



Code	No.	mm	M	mm	kg
1517198	6045.05	2x 5 mm	M5	50	0.036
1517201	6045.06	2x 6 mm	M6	50	0.036
1517228	6045.08	2x 8 mm	M8	50	0.040
1517236	6045.10	2x 10 mm	M10	50	0.052
1517244	6045.12	2x 12 mm	M12	50	0.068

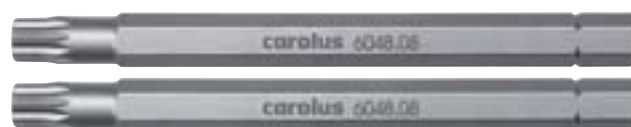
## 6048

### SCREWDRIVER BIT 5/16"



XZN, extra long

- > Supplied in a double pack
- > 5/16" bits - strong and rugged for everyday industrial



Code	No.	mm	M	mm	kg
1517252	6048.06	2x 6 mm	M6	100	0.076
1517260	6048.08	2x 8 mm	M8	100	0.080
1517279	6048.10	2x 10 mm	M10	100	0.120
1517287	6048.12	2x 12 mm	M12	100	0.148

## 6070.50

### ADAPTOR 5/16" X 1/2"



- > Hexagon drive 5/16"
- > Square drive 1/2"
- > Turns a bit-ratchet 5/16" into a ratchet with 1/2" square



Code	No.	"	"	kg
1517422	6070.50	1/2	5/16	0.030

## 6070.00

### ADAPTOR 5/16" X 3/8"



- > Hexagon drive 5/16"
- > Square drive 3/8"
- > Turns a bit-ratchet 5/16" into a ratchet with 3/8" square



Code	No.	■"	●"	
1517392	6070.00	3/8	5/16	0.018

## 6015.13

### BIT ADAPTOR 5/16" X 13 MM



with magnet

- > Hexagon drive 13 mm
- > Square drive 5/16"
- > All tools with size 13 mm can be used to drive 5/16" sockets etc.



Code	No.	○"	●"	
1597140	6015.13	5/16	13	0.032

## 6070.40

### ADAPTOR 5/16"



with magnet

- > With hexagon and female hexagon
- > With magnetic holder



Code	No.	●"	○"	
1517414	6070.40	5/16	5/16	0.052

## 5160.00

### BIT ADAPTOR 1/2" X 5/16"



- > With female hexagon and female square
- > Suitable for all bits and tools with 5/16" male hexagon



Code	No.	□"	⬡"	⚖
1516655	5160.00	1/2	5/16	0.056

## 6070.10

### BIT ADAPTOR 3/8" X 5/16"



- > With female hexagon and female square
- > Suitable for all bits and tools with 5/16" male hexagon



Code	No.	□"	⬡"	⚖
1517406	6070.10	3/8	5/16	0.030

## 3600.00

### (DE)MAGNETIZER



- > Magnetizes screwdrivers etc.
- > Demagnetizes all tools which are used on electronic devices



Code	No.	⚖
1797921	3600.00	0.082



# PLIERS

carolus pliers, too, impress with their optimum price-performance ratio and are the smart choice for any application area. Longevity is the keyword here, and with professional use carolus pliers keep their promise.





## Pliers

2830  
COMBINATION PLIERS

- › Handles from chrome-vanadium steel
- › Versatile grip faces for round and flat workpieces
- › Long cutting edge for cutting thick cable and wire
- › 2-component-handles
- › Polished finish



Code	No.	l- mm -l	kg
2247704	2830.160	160	0.220
2247720	2830.180	180	0.240
2247739	2830.200	200	0.305

2840  
HEAVY-DUTY SIDE CUTTER

- › Handles from chrome-vanadium steel
- › High cutting performance with low force
- › To cut all wire types including piano wire
- › Durable quality, cutting edge hardness higher than 60 HRC
- › 2-component-handles
- › Polished finish



Code	No.	l- mm -l	kg
2247798	2840.180	180	0.230
2247801	2840.200	200	0.320

2845  
SIDE CUTTER

- › Handles from chrome-vanadium steel
- › For hard and soft wire
- › 2-component-handles
- › Polished finish



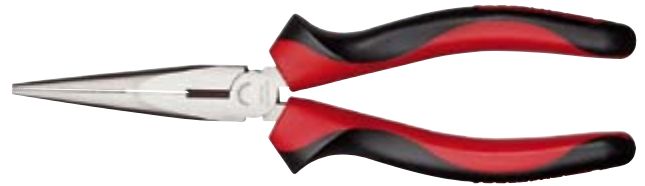
Code	No.	l- mm -l	kg
2247763	2845.160	160	0.191

## 2850

### TELEPHONE PLIERS

straight pattern

- › Handles from chrome-vanadium steel
- › Combined pliers with long, flat-round jaws
- › Versatile grip faces for flat and round workpieces
- › With cutting edge for soft and hard wire and cable
- › 2-component-handles
- › Polished finish



Code	No.	l mm	kg
<b>2247828</b>	2850.160	160	0.150
<b>2247836</b>	2850.200	200	0.200

## 2851

### TELEPHONE PLIERS

angled pattern

- › Handles from chrome-vanadium steel
- › Combined pliers with angled, flat-round jaws
- › Versatile grip faces for flat and round workpieces
- › With cutting edge for soft and hard wire and cable
- › 2-component-handles



Code	No.	l mm	kg
<b>2247844</b>	2851.200	200	0.220

## 2860

### CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS

straight pattern

- › Acc. to DIN 5254 Form A
- › Straight nose
- › Type A2 for retaining rings as per DIN 471, with diam. 19-60 mm
- › Polished head with black tips
- › Handles dip-insulated



Code	No.	kg
<b>2247852</b>	2860.19	0.180


## 2861

### CIRCLIP PLIERS FOR EXTERNAL RETAINING RINGS

angled pattern

- > Acc. to DIN 5254 Form B
- > 90° angled nose
- > Type B2 for retaining rings as per DIN 471, with diam. 19-60 mm
- > Polished head with black tips
- > Handles dip-insulated



Code	No.	
2247860	2861.19	0.160


## 2870

### CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS

straight pattern

- > Acc. to DIN 5254 Form C
- > Straight nose
- > Type C2 for retaining rings as per DIN 472, with diam. 19-60 mm
- > Polished head with black tips
- > Handles dip-insulated



Code	No.	
2247879	2870.19	0.150


## 2871

### CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS

angled pattern

- > Acc. to DIN 5254 Form D
- > 90° angled nose
- > Type D2 for retaining rings as per DIN 472, with diam. 19-60 mm
- > Polished head with black tips
- > Handles dip-insulated



Code	No.	
2247887	2871.19	0.150

## 2890 PINCER

- > For heavy duty use
- > Black with polished head
- > Handles dip-insulated



Code	No.	l mm	kg
2248093	2890.180	180	0.285

## 2800.200 PLIERS SET

2 pieces

**Contents:**

- > Combination pliers 180 mm
- > Heavy-duty side cutter 180 mm



2830.180 / 2840.180

Code	No.	l mm	kg
2254352	2800.200	180	0.480

## 2800.300 PLIERS SET

3 pieces

**Contents:**

- > Combination pliers 180 mm
- > Side cutter 160 mm
- > Telephone pliers 200 mm



2830.180 / 2845.160 / 2850.200

Code	No.	l mm	kg
2254360	2800.300		0.711

## 2800.400 PLIERS SET




4 pieces

### Contents:

- > Circlip pliers for external retaining rings straight / angled pattern
- > Circlip pliers for internal retaining rings straight / angled pattern
- > Acc. to DIN 5254 Form A - B - C - D
- > For retaining rings as per DIN 471
- > For retaining rings as per DIN 472
- > Diameter 19-60 mm



2860.19 / 2861.19 / 2870.19 / 2871.19


Code	No.	
2254379	2800.400	0.680 



## 2880 BOLT CUTTER

- > Nails, wires, bolts, etc.
- > Adjustable
- > Optimum lever action for easy working
- > Ergonomic handles
- > Hardened jaws



Code	No.	↳"inch↳	max. ● mm	
2873036	2880.450	18	8,0	1.4
2873044	2880.600	24	9,5	2.5
2873052	2880.750	30	12,7	3.9
2873060	2880.900	36	14,5	5.9



## Pipe wrenches

### 2175 PIPE WRENCH

#### Swedish pattern

- › Heavy-duty pattern
- › Head angled 85°
- › Teeth offset against direction of rotation
- › Roller secured against loss



Code	No.	inches	mm	kg
1892118	2175.10	1	320	0.780
1892126	2175.15	1.1/2	420	1.356
1892134	2175.20	2	555	2.550
1892142	2175.30	3	635	3.100

### 2176 ELBOW PIPE WRENCH

#### STANDARD

- › For working in confined spaces
- › Teeth offset against direction of rotation
- › Roller secured against loss
- › Head ground



Code	No.	inches	mm	kg
1892150	2176.05	1/2	230	0.400
1892169	2176.10	1	320	0.780
1892177	2176.15	1.1/2	415	1.370
1892185	2176.20	2	535	2.330
1892193	2176.30	3	665	4.370

### 2179 ELBOW PIPE WRENCH

#### S-pattern

- › For working in confined spaces
- › Teeth offset against direction of rotation
- › Roller secured against loss



Code	No.	inches	mm	kg
1892207	2179.05	1/2	230	0.400
1892215	2179.10	1	325	0.800
1892223	2179.15	1.1/2	420	1.460
1892231	2179.20	2	535	2.500
1892258	2179.30	3	640	4.220

## 2815

### WATER PUMP PLIERS

with automatic single-hand adjustment

- > Ideal for use in confined spaces
- > Narrow head, long jaws
- > Time saving due to self-adjustment to the screw connection
- > Fast - easy - safe



Code	No.	↳ "inch ↳	↳ mm ↳	⚖️
<b>2247895</b>	2815.07	7	170	0.180
<b>2247909</b>	2815.10	10	250	0.374
<b>2247917</b>	2815.12	12	300	0.600

## 2010

### WATER PUMP PLIERS

7 settings

- > Chrome-vanadium steel
- > With box joint



Code	No.	↳ "inch ↳	↳ mm ↳	⚖️
<b>1919482</b>	2010.07	7	170	0.160
<b>1680854</b>	2010.10	10	250	0.300
<b>1919490</b>	2010.12	12	300	0.406

## Locking pliers

### 2820 CURVED JAW LOCKING PLIERS

- › For clamping and gripping of profile sections, round and flat stock
- › With adjusting screw and release lever
- › Surface chrome-plated



Code	No.	mm	↳"inch"↳	↳mm↳	kg
2247925	2820.07	35	7	185	0.375
2247941	2820.10	40	10	225	0.545
2247968	2820.12	60	12	295	0.910

### 2820.300 LOCKING PLIERS SET

3 pieces

**Contents:**

- › Curved jaw locking pliers 7" 10" 12"



Code	No.	kg
2254409	2820.300	1.950

### 2822 LONG NOSE LOCKING PLIER

- › For gripping and tightening in barely accessible places
- › For clamping and gripping of profile sections, round and flat stock
- › With adjusting screw and release lever
- › Surface chrome-plated



Code	No.	mm	↳mm↳	kg
2247976	2822.065	50	175	0.175
2247984	2822.09	70	215	0.380

## 2824

### EUROPEAN TYPE CURVED JAW LOCKING PLIER

- > For clamping and gripping profiled, round and flat-section material
- > Will also grip adjacent profiled or flat material
- > Also suitable for profiles up to 25 mm wide
- > With adjusting screw and release lever
- > Surface chrome-plated



Code	No.	mm	- mm	
2247992	2824.10	50	266	0.790

## 2826

### C-CLAMP LOCKING PLIER

- > Clever jaw design allows high force to be applied to profiles, U-channel and other angles
- > Grips wide, bulky workpieces and profiles
- > With adjusting screw and release lever
- > Rotating jaws
- > Surface chrome-plated



Code	No.	mm	- mm	
2248018	2826.06	50	195	0.265
2248026	2826.09	80	245	0.580
2248034	2826.11	100	290	0.820





# VICES

No wobbling, no slipping: Our clamping tools allow you to work safely. We have the right jaw width for your application. Precise clamping is guaranteed!



## 7905.125 BENCH VICE

fixed

- > Jaw width 125 mm
- > Clamping reach 125 mm
- > Precise guidance
- > With anvil
- > Max. clamping force 25 KN



Code	No.	mm	mm	kg
2661055	7905.125	125	125	19.0

## 7905.150 BENCH VICE

swivel

- > Jaw width 150 mm
- > Clamping reach 125 mm, chuck for pipes with 13.5 - 56 mm Ø
- > Precise guidance
- > With anvil
- > Max. clamping force 25 KN



Code	No.	mm	mm	kg
2661071	7905.150	150	125	14.0





# STRIKING TOOLS

Our impact tools are GS-safety tested and deliver top quality: So you are guaranteed to hit the nail on the head.



## Hammers

9200  
ENGINEERS' HAMMER

- > With ash handle DIN 1041
- > Hammer head forged, black varnished, striking face and pein polished



Code	No.	g	l mm	kg
1696688	9200.20	200	280	0.264
1696696	9200.30	300	300	0.432
1696718	9200.50	500	320	0.622
1696726	9200.80	800	350	0.950
1696653	9200.00	1000	360	1.164
2144018	9201.50	1500	380	1.720
2144069	9202.00	2000	400	2.200

9250  
CLUB HAMMER

- > With ash handle DIN 6475
- > Hammer head forged, black varnished, striking faces polished



Code	No.	g	l mm	kg
1696734	9250.00	1000	260	1.164
2144123	9250.12	1250	260	1.350
2144131	9250.15	1500	280	1.690
2144158	9250.20	2000	300	2.110

9260  
SLEDGE HAMMER

- > With ash handle
- > Hammer head forged, black varnished, striking face and pein polished



Code	No.	g	l mm	kg
1696742	9260.50	5000	800	5.894

## 9270 RUBBER MALLET

hard

- > With ash handle
- > DIN 5128-90
- > With two flat surfaces



Code	No.	Ø mm	l mm	kg
1696750	9270.02	65	340	0.610

## 9280 PLASTIC HAMMER

- > With ash handle
- > Extra tough Desmopan heads



Code	No.	Ø mm	l mm	kg
1696777	9280.32	32	280	0.330

## 9210 ENGINEER'S BALL PEIN HAMMER

- > With hickory handle
- > Hardened and tempered steel to EN 10083
- > Varnished, face and ball ground



Code	No.	lbs	kg	Code	No.	lbs	kg
1954938	9210.25	1/4	0.176	1954962	9210.00	1	0.640
1954946	9210.50	1/2	0.340	1954970	9210.15	1.1/2	0.920
1954954	9210.75	3/4	0.470	1954989	9210.20	2	1.060

## 9271 CLAW HAMMER, AMERICAN PATTERN

- > Version F: With fibreglass handle and plastic grip
- > Version ST: With steel tube handle and plastic grip



9271.27ST



9271.27F

Code	No.	Ø mm	oz	g	kg
2209101	9271.27F	27	20	570	0.840
2209144	9271.27ST	27	20	570	0.880

## 9209.75 CARPENTER'S HAMMER

- > With steel tube handle and plastic grip
- > With magnetic nailholder
- > With secured head



Code	No.	g	l mm	kg
2190095	9209.75	600	300	0.810

## 9209.94 BRICKLAYER'S HAMMER

Berlin pattern

- > With steel tube handle and plastic grip



Code	No.	g	l mm	kg
2189623	9209.94	600	270	0.890

## 9209.93 BUILDER'S HATCHET

- > With steel tube handle and plastic grip



Code	No.	g	l mm	kg
2189445	9209.93	600	300	0.890

## 9950 WORK GLOVES

- > Optimum fit
- > Grip areas for small and smooth parts
- > Palms of one piece
- > Breathable space between the fingers
- > Adjustable wrist cuff preventing the glove from slipping
- > Adhesion to smooth surfaces ensured by internal coating
- > Protection of sensitive surfaces



Code	No.	Size	kg	Code	No.	Size	kg
2256940	9950.000	M	0.080	2309610	9950.200	XL	0.090
2309602	9950.100	L	0.095	2309629	9950.300	XXL	0.090

Chisels / Punches

# 9401.08

## PROTECTIVE HAND GUARD

- > Made from PVC
- > Avoids injuries of the hand
- > No rolling away (rectangular shape)
- > Oil-resistant



Code	No.	
2146770	9401.08	0.140

# 9495

## FLAT COLD CHISEL

flat oval

- > Acc. to DIN 6453
- > Made from chrome-vanadium steel



Code	No.	mm	l-mm		Code	No.	mm	l-mm	
2142783	9495.125	15	125	0.100	2142813	9495.200	24	200	0.400
2142791	9495.150	18	150	0.180	2142821	9495.250	25	250	0.500
2142805	9495.175	21	175	0.280	2142848	9495.300	26	300	0.600

# 9496

## CROSS-CUT CHISEL

flat oval

- > Acc. to DIN 6451
- > Made from chrome-vanadium steel



Code	No.	mm	l-mm	
2143070	9496.125	5	125	0.100
2143089	9496.150	6	150	0.163
2143097	9496.200	8	200	0.294

# 9401

## SPLITTING CHISEL

flat

- > Made from chrome-vanadium steel



Code	No.	mm	l-mm	
2143755	9401.04	26	240	0.260

## 9410 BRICKLAYER'S CHISEL

flat oval

- > Acc. to DIN 7254 Form A
- > Made from chrome-vanadium steel



Code	No.	mm	l mm	
<b>2143135</b>	9410.925	26	250	0.400
<b>2143143</b>	9410.930	29	300	0.600
<b>2143151</b>	9410.935	29	350	0.702
<b>2143178</b>	9410.940	29	400	0.800

## 9410 BRICKLAYER'S CHISEL

octagonal

- > Acc. to DIN 7254 Form B
- > Made from chrome-vanadium steel



Code	No.	mm	l mm	
<b>2143518</b>	9410.250	23	250	0.400
<b>2143569</b>	9410.300	23	300	0.470
<b>2143593</b>	9410.350	26	350	0.700
<b>2143607</b>	9410.400	26	400	0.791

## 9411 POINT CHISEL

octagonal

- > Acc. to DIN 7256
- > Made from chrome-vanadium steel
- \* not standardised



Code	No.	s	l mm		Code	No.	s	l mm	
<b>2143712</b>	9411.250	16	250	0.380	<b>2143739</b>	9411.350	18	350	0.700
<b>2143720</b>	9411.300	*	300	0.460	<b>2143747</b>	9411.400	18	400	0.805

## 9412.250 ELECTRICIANS' CHISEL

square

- > For mortising slots, working on masonry, cutting wood and plasterboard



Code	No.	mm	l mm	
<b>2256002</b>	9412.250	8	250	0.064



# 9499 DRIFT PUNCH

octagonal

- > Acc. to DIN 6458
- > Made from chrome-vanadium steel



Code	No.	Ø	s	↳ mm	⚖
2142678	9499.101	1	10	120	0.060
2142694	9499.102	2	10	120	0.060
2142708	9499.103	3	10	120	0.060
2142767	9499.124	4	12	120	0.090
2142775	9499.125	5	12	120	0.090

# 9410 CENTRE PUNCH

octagonal

- > Acc. to DIN 7250
- > Made from chrome-vanadium steel



Code	No.	Ø	s	↳ mm	⚖
2143038	9410.010	4	10	120	0.080
2143062	9410.012	5	12	120	0.095

# 9411 PIN PUNCH

octagonal

- > Acc. to DIN 6450
- > Made from chrome-vanadium steel
- \* not standardised



Code	No.	Ø	s	↳ mm	⚖
2143771	9411.92	2	10	150	0.065
2143828	9411.93	3	10	150	0.065
2143836	9411.94	4	10	150	0.065
2143844	9411.95	5	10	150	0.065
2143852	9411.96	6	10	150	0.075
2143860	9411.97	7	12	150	0.105
2143879	9411.98	8	12	150	0.110
2143887	9411.910	10	12	150	0.125


## Sets

9410.00  
PIN PUNCH SET

6 pieces

&gt; In metal case

**Contents:**> Pin punches  $\varnothing$ 3 4 5 6 7 8 mm

Code	No.	
1696823	9410.00	0.800

9420.00  
DRIFT PUNCH SET


6 pieces

&gt; In metal case

**Contents:**

&gt; Drift punches 1 2 3 5 10 mm

&gt; Centre punch 4 mm

Code	No.	
1696831	9420.00	0.720

9430.00  
TOOL SET

6 pieces

&gt; In metal case

**Contents:**


&gt; Flat cold chisel 125 mm 150 mm

&gt; Cross-cut chisel 125 mm

&gt; Drift punch 3 mm

&gt; Centre punch 4 mm

&gt; Pin punch 4 mm


Code	No.	
1696858	9430.00	0.820

9430.310  
PIN PUNCH SET

6 pieces

&gt; In metal case

**Contents:**> Pin punches  $\varnothing$ 3 4 5 6 8 10 mm

Code	No.	
2143895	9430.310	0.820





# MEASURING

Measuring with carolus! Precision to the millimeter, carolus gauges help you measure, calibrate, and plumb, none pose a challenge.



## Spirit levels

### 9530 SPIRIT LEVEL

- › Smooth square alloy profile
- › One vertical and one horizontal spirit level
- › Measurement accuracy: +/- 0.5 mm/m
- › Red powder-coating
- › End caps from black, impact-resistant plastic



Code	No.	l< mm >l	kg
2250330	9530.0300	300	0.170
2250349	9530.1000	1000	0.480

### 9531 SPIRIT LEVEL



with a movable spirit level, magnetic

- › Smooth square alloy profile
- › One vertical and one horizontal spirit level
- › Long version also includes a third, rotating angle spirit level for measuring inclined angles
- › With 2 magnets
- › Measurement accuracy: +/- 0.5 mm/m
- › Brushed aluminium
- › End caps from black, impact-resistant plastic



Code	No.	l< mm >l	kg
2250357	9531.0300	300	0.170
2250365	9531.1000	1000	0.482


Measures

# 9533

## WOOD SECTIONED FOLDING RULER

- > With easy to read metric dual scale
- > Accuracy class III
- > EG-design approval for continuous mm division
- > Beech wood



Code	No.	↳mm↳	
2236540	9533.20	2000	0.086


# 9534

## TAPE MEASURE



- > Housing from 2-component ABS
- > Nylon-coated tape measure, abrasion resistant, waterproof, yellow paint finish
- > cm-division in black
- > Decimals highlighted in red
- > Automatic tape rewind and lock
- > Magnetic stop
- > Accuracy class II with MID certificate



Code	No.	L m	mm	
2250373	9534.03	3	19	0.201
2250381	9534.05	5	19	0.265
2250403	9534.08	8	25	0.468

## Gauges

9000.00  
DIGITAL MEASURING CALLIPER

- > With mm and inch reading
- > With inside and outside jaws
- > Ground tips
- > In sturdy plastic case incl. spare battery



Code	No.	mm	"inch	kg
1824910	9000.00	153	6	0.340

9010.00  
FEELER GAUGE SET

13 pieces

- > With protective handle, folding



Code	No.	mm	kg
1887858	9010.00	5 10 15 20 25 30 40 50 60 70 80 90 100/100	0.100

## Marking

9990.000  
PENCIL

package with 12 pieces

- > For drawing and marking on practically all materials
- > Oval shape, 175 mm long, fits in any bag



Code	No.	kg
2255421	9990.000	0.020

9746.000  
CARBIDE SCRIBER WITH CLIP

- > For drawing and marking on metallic and similar surfaces
- > Additionally equipped with a pencil lead
- > Pencil and carbide scriber in one



Code	No.	kg
2255448	9746.000	0.020





# FILE CUT DRILL

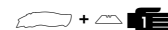
Top quality processing, ergonomically designed and effective: The selection of tools is large and offers you support in the home, garden or workshop.



## Knives


## 9100

### HEAVY-DUTY UTILITY KNIFE



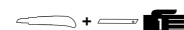
- > Multi-Component-Grip, Aluminium handle with ABS und TPR grip
- > Quick-change mechanism
- > One-handed operation
- > Supplied with 1 trapezoid blade and 4 spare trapezoid blades in cartridge
- > Sturdy design



Code	No.	Description	
<b>2250519</b>	9100.00	Heavy-duty utility knife	0.310
<b>2524775</b>	9100.05	Trapezoid blades for box cutter (10 pcs)	0.040
<b>2477416</b>	9100.10	Hook blades for box cutter (10 pcs)	0.050



## 9111

### UTILITY KNIFE SMALL

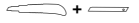


- > Blade 9 mm wide
- > Includes 5 blades



Code	No.	Description		
<b>1855018</b>	9111.00	Utility knife small with 5 blades 10 mm	9	0.068
<b>1855026</b>	9111.11	Spare blades, 10 pieces, 10 mm wide	9	0.030

## 9110 UTILITY KNIFE



- > With built-in sharpener
- > Blade 18 mm wide
- > Includes 5 blades



Code	No.	Description	l mm	
1825038	9110.00	Utility knife with 5 blades 18 mm	18	0.160
1825046	9110.10	Spare blades, 10 pieces, 18 mm wide	18	0.088

## 9112 UTILITY KNIFE

- > With belt clip
- > Blade 25 mm wide
- > Includes 5 blades



Code	No.	Description	l mm	
1880071	9112.00	Utility knife with 5 blades 25 mm	25	0.280
1880098	9112.12	Spare blades, 10 pieces, 25 mm wide	25	0.170

## 9115.0000 POCKET KNIFE

- > Two-handed operation knife
- > Secure in pocket and on belt; cannot be accidentally opened
- > Blade locking feature
- > Coated blade
- > With sawing function for fibrous materials e.g ropes and textiles
- > Belt clip
- > 2C handle, PP and TPR
- > Feels good in the hand thanks to the anti-slip handle shape/structure
- > Handle loop for safeguarding purposes



Code	No.			
2982501	9115.0000	87	210	0.154

## 9160.00 UNIVERSAL SCISSORS

- > Suitable for cutting seals and other materials (paper, cardboard, foil, leather etc.)
- > Additional small blade for thin wires and cables
- > With wire stripper for 1.0, 1.5 and 2.0 mm cables
- > Locking lever
- > 2-component handle



Code	No.	
2652021	9160.00	0.190

## Saws

## 9150.00

### MULTIFUNCTIONAL SAW

- > Multifunctional:
- > Saw blade and bracket can be turned through 90° = saw blade parallel to the wall and floor
- > Bracket can be turned through 180° = low height for use in tight spaces
- > Easy to tension and adjust



Code	No.	↳ mm †	kg
2250497	9150.00	300	0.470

## 9130.000

### SMALL SAW

- > Aluminium
- > Stable and lightweight
- > Saw blade for various materials
- > Easy to tension and adjust
- > Spare saw blade see 9130.001



Code	No.	Description	↳ mm †	kg
2268124	9130.000	Small saw	150	0.220
2665204	9130.001	Saw blade	150	0.012



## Files

9310 - 9350  
FILES

- > With 2-component handle
- > Cut: 2
- > File length 200 mm
- > Total length 310 mm



Code	No.	Description	Execution	l mm	Cut	kg
1887890	9310.00	Triangular file	▲	200	2	0.184
1887904	9320.00	Flat file	■	200	2	0.192
1887912	9330.00	Round file	●	200	2	0.124
1887920	9340.00	Half-round file	◐	200	2	0.190
2801159	9350.00	Square file	■	200	2	0.124

9300.005  
FILE SET

5 pieces

- > With 2-component handle
  - > Cut: 2
  - > File length 200 mm
  - > Total length 310 mm
  - > In plastic bag
- Consisting of:**
- > 9310.00 Triangular file
  - > 9320.00 Flat file
  - > 9330.00 Round file
  - > 9340.00 Half-round file
  - > 9350.00 Square file



Cut	l mm	kg	Code	No.
2	310	0.820	2873583	9300.005

9300.00  
KEY FILE SET

6 pieces

- > With five file types (flat, three-edged, square, half-round, round)
- > File length 100 mm
- > Total length 177 mm



Code	No.	kg
1887882	9300.00	0.850



## Drills

## 9700.019

### TWIST DRILL BIT SET, ROLLED



19 pieces

- > HSS Twist drill bit DIN 338, type N, right hand thread
- > Tip angle 118°
- > In metal case

**Contents:**

- > Ø 1-10 mm x 0.5 mm pitch

Code  
2250713No.  
9700.019  
0.617

## 9700.025

### TWIST DRILL BIT SET, ROLLED



25 pieces

- > HSS Twist drill bit DIN 338, type N, right hand thread
- > Tip angle 118°
- > In metal case

**Contents:**

- > Ø 1-13 mm x 0.5 mm pitch

Code  
2250721No.  
9700.025  
1.263



# 9700.170

## TWIST DRILL BIT SET, ROLLED

170 pieces

- > HSS Twist drill bit DIN 338, type N, right hand thread
- > Tip angle 118°
- > In metal case

**Contents:**

- > 10 pieces each  $\varnothing$  1.0-8.0 mm x 0.5 mm pitch, 5 pieces each  $\varnothing$  8.5-10.0 mm x 0,5 mm pitch



Code  
2250764

No.  
9700.170

  
3.724

# 9710.019

## TWIST DRILL BIT SET, BLANK

19 pieces

- > HSS Twist drill bit DIN 338, type N, right hand thread
- > Tip angle 118°
- > In metal case

**Contents:**

- >  $\varnothing$  1-10 mm x 0.5 mm pitch



Code  
2250748

No.  
9710.019

  
0.617



## 9710.025

### TWIST DRILL BIT SET, BLANK

25 pieces

- > HSS Twist drill bit DIN 338, type N, right hand thread
- > Tip angle: 118°
- > In metal case

**Contents:**

- > Ø 1-13 mm x 0.5 mm pitch



Code  
2250756

No.  
9710.025

1.263

## 9720.017

### SDS MASONRY DRILL BIT SET

17 pieces

- > Carbide hammer drill bits and chisels for SDS-PLUS® machines
- > Drill bits with helical groove for quick removal of drill dust
- > In metal case

**Contents:**

- > 1 piece each Carbide hammer drill bits Ø 5x110 – Ø 6x110 – Ø 8x110 – Ø 10x110 – Ø 6x160 – Ø 8x160 – Ø 10x160 – Ø 12x160 – Ø 8x210 – Ø 10x210 – Ø 12x260 – Ø 14x260 mm
- > 1 piece each Flat cold chisel 250x40 mm, Flat cold chisel 140x20 mm, Flat cold chisel 250x20 mm, Point chisel 140 mm and 250 mm



Code  
2250780

No.  
9720.017

3.364



# INSTALLATION

Assistant for all cases: sawing, milling, filling is done with the right tools in no time. The range leaves nothing to be desired and makes every task a breeze.



## 9228.416

### SMALL PIPE CUTTER

- › For copper pipes 3-22 mm
- › Particularly suitable for barely accessible places




Code	No.	
2256061	9228.416	0.140

## 9229.335

### PIPE CUTTER

- › For copper pipes 3-35 mm
- › With retractable deburring tool
- › Guiding rollers with groove for flared pipes



Code	No.	
2256088	9229.335	0.560

# 9228.229


## SPARE CUTTING WHEEL

for copper pipes

- > For pipe cutter 9228.416 and 9229.335
- > Value pack contains 5 pieces



**5x**


Code	No.		
2524724	9228.229		0.005

# 9620.000

## PIPE DEBURRING REAMER

- > Lightweight plastic casing
- > For internal and external deburring of thin-walled pipes




Code	No.	$\varnothing$ mm	$\varnothing$ inch	
2255529	9620.000	4,5-38,0	3/16-1.1/2	0.040

## 9990.600

### CARTRIDGE CAULKING GUN

- › For processing silicon, packed in bag or cartridge form, for 310 ml contents
- › With stable aluminium pipe
- › Easy to handle and clean

**3x**

Code	No.	
2256096	9990.600	0.840

## 9175.060

### SCRAPER

- › For minor improvements/repairs combined with the plaster bowl
- › Apply, spread and smooth down
- › Blade 60 mm wide



Code	No.	
2256010	9175.060	0.100





# LAMPS

carolus lamps help you bring light into the darkness. The LED lights are powerful and energy efficient at the same time.



## 9930.000 LED-TORCH



- > Aluminium housing
- > Delivery with three AAA batteries
- > Hanger
- > 2 levels of brightness plus warning/signal function
- > 1 W LED
- > Luminous flux 55-60 lm
- > Light range 25-30 m
- > Technical specifications subject to modifications



Code  
**2250705**

No.  
9930.000



  
0.156



# 1000 V

Your safety is our mission: VDE special tools from Carolus are thoroughly tested, protecting you when it really matters.



- > Only tools bearing this marks  1000 V and  are suitable for working under voltage
- > Guaranteed protection for working under voltage up to AC 1000 V (alternating current) and DC 1500 V (direct current)
- > VDE insulation as per DIN EN 60900 and VDE standard






## VDE Screwdriver

### 3675 VDE SCREWDRIVER SLOTTED



- > Ergonomic, two colour multi-component handle
- > Blade from alloy steel in high SVCM quality







Code	No.	mm 	mm 	mm 	mm 	kg 
2250632	3675.025	2.5	0.4	75	145	0.030
2250640	3675.030	3.0	0.5	100	170	0.036
2250659	3675.040	4.0	0.8	100	210	0.071
2250667	3675.055	5.5	1.0	125	235	0.091

### 3685 VDE SCREWDRIVER PH



- > Ergonomic, two colour multi-component handle
- > Blade from alloy steel in high SVCM quality



Code	No.	 PH	mm 	mm 	kg 
2250675	3685.01	1	80	180	0.070
2250683	3685.02	2	100	210	0.105








**3686****VDE SCREWDRIVER**

PZ



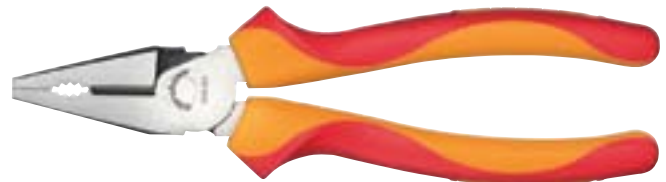
- > Ergonomic, two colour multi-component handle
- > Blade from alloy steel in high SVCM quality





Code	No.	⊕ PZ	 mm	 mm	 kg
<b>2256819</b>	3686.01	1	80	180	0.070
<b>2256827</b>	3686.02	2	100	210	0.104

**VDE Pliers****2930****VDE COMBINATION PLIERS**

- > For gripping and separating workpieces
- > Two colour multi-component handles with insulating sleeves
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > Versatile grip faces for flat and round workpieces
- > With cutting edge for soft and hard wire and cable



Code	No.	 mm	 kg
<b>2250543</b>	2930.180	180	0.275
<b>2250551</b>	2930.200	200	0.360

## 2945

### VDE SIDE CUTTER



- > Two colour multi-component handles with insulating sleeves
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > For hard and soft wire



Code	No.	◀ mm ▶	kg
2550423	2945.180	180	0.280

## 2950

### VDE TELEPHONE PLIERS



straight pattern

- > With long, flat-round jaws for gripping and separating workpieces
- > Two colour multi-component handles with insulating sleeves
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > With cutting edge for soft and hard wire as well as cables



Code	No.	◀ mm ▶	kg
2250586	2950.200	200	0.260





## 2951 VDE TELEPHONE PLIERS



angled pattern

- > With long, flat-round jaws for gripping and separating workpieces
- > Two colour multi-component handles with insulating sleeves
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > Versatile grip faces for flat and round workpieces
- > With cutting edge for soft and hard wire as well as cables



Code	No.	l= mm	kg
2250608	2951.200	200	0.260

## 2910 VDE WATER PUMP PLIERS



- > Two colour multi-component handles with insulating sleeves
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > 7 settings
- > With box joint



Code	No.	l= mm	kg
2670720	2910.10	250	0.393

## VDE Sets

2936.500  
VDE SET

5 pieces

**Contents:**

- > VDE Screwdriver
- > slotted 3 5.5 mm
- > cross-head PH 2
- > VDE Side cutter 180 mm
- > VDE Telephone pliers 200 mm, straight pattern



## VDE Knives

## 9520 VDE CABLE KNIFE



- › Blade from stainless steel
- › Ergonomic multi-component handle with non-slip protection
- › With fixed, sturdy blade with straight cutter and protective cap



Code	No.	↳ mm ↳	kg
2250527	9520.00	185	0.143

## 9525 VDE CABLE KNIFE



- › Complies with DIN EN/IEC 60900
- › Exchangeable blade from stainless steel with special cut
- › With fixed, sturdy blade with straight cutter and fold-away blade protection
- › Back of the blade covered with plastic to prevent short circuits
- › Handle with non-slip protection



Code	No.	Description	kg
2250535	9525.00	VDE Cable knife	0.095
2256045	9525.09	Spare blades (4 pcs)	0.100

## Voltage tester

# 3715

## UNIVERSAL VOLTAGE TESTER



- > 8 LED indications
- > Measures AC/DC
- > Displays 6 / 12 / 24 / 50 / 120 / 230 / 400 V AC/DC
- > Frequency range 0 - 500 Hz
- > Protection classification IP65



Code  
**2256932**

No.  
3715.000

0.120



# TECHNICAL SYMBOLS

OUTPUT DRIVE	SIZES	FEATURES	ELECTRICITY
 hexagon	 15° angled	 Extractor	 400 Volt
 octagonal	 Hexagon bolster (m)	 External Retaining Rings	 400 V AC/DC
 bi-hexagon	 Hexagon bolster (f)	 Single-hand	 1000 V insulated
 in-hex	 +/- 3% Actuation accuracy	 Suitable for impact screwdrivers	 Light
 Internal square	 mm Width	 Hammer Head	 LED
 PH	 150 mm Clamping Capacity	 in-hex with Ball End	<b>TOOL TROLLEYS</b>
 PZ	 mm Length	 Internal Retaining Rings	
 Slotted	 165 - 1120 mm Spreading Capacity	 Load	 Single drawer pull
 SIT	 mm Telescopic ratchet 460 - 600	 magnetic	 Wheel brake
 Spline	 1/2" Square (m)	 Set	 ANTI SLIP Anti-slip surface
 TORQ SET	 1/2" Square (f)	 Swivel head	 130 KG Load capacity
 TORX®		 Swivel	 25 KG Load capacity per drawer, fully extended
 TORX® with hole			 Lockable
 TRI-WING			 70L Volume, case
 XZN			 45L Volume, case or bag
			 240L Volume, tool trolley

DRILLS	SPANNERS	VARIOUS
 Ground	 Double Open Ended Spanners	 Strap wrenches
 Hammer drills	 Double Box Ratchet Wrenches	 Flat chisel
 Roll-forged	 Double Ended Ring Spanners	 Holder
 SDS Plus	 Flexible Combination Ratchet Wrenches	 Wobble extension
 Masonry drills	 Ratchet wrenches	 Automotive
 Twist drills	 Combination Spanners	 4-way wheel wrenches
 Acute angle	 04 Width Across Flats (nominal)	 Quick
<b>RATCHETS</b>	 9x12 Drive connector	 Adjustable spanners
 32 Teeth, 180°		 Point chisel
 72 Teeth, 5°		 Bricklayer's chisel
 Conterflex®		 T-Handle
 Rastoflex®tk		 Extension
 Readyflex®		 Spark plug
 SLIM 6 Slim Line		
 Reversible I		
 Reversible II		



**A**

4-way wheel wrench for cars .....	67
Adaptor 1/2" x 19 mm .....	92
Adaptor 1/4" .....	76
Adaptor 1/4" x 10 mm .....	75
Adaptor 3/4" - 1" .....	97
Adaptor 3/8" x 15 mm .....	82
Adaptor 5/16" .....	83, 134
Adaptor 5/16" x 1/2" .....	82, 92, 133
Adaptor 5/16" x 3/8" .....	81, 134
Adaptor and extension set 6in2 .....	90
Adaptor for holding rail .....	100
Adjustable wrench .....	66, 67

**B**

Bench vice .....	147
Bit adaptor 1/2" x 5/16" .....	83, 92, 135
Bit adaptor 1/4" .....	76
Bit adaptor 1/4" x 8 mm .....	75
Bit adaptor 3/8" x 1/4" .....	82
Bit adaptor 3/8" x 5/16" .....	81, 135
Bit adaptor 5/16" x 13 mm .....	82, 134
Bit box 1/4" .....	126
Bit box 1/4" BICOLOR .....	126
Bit holder 1/4" .....	75
Bit ratchet 1/4" .....	70
Bit ratchet set 1/4" with adaptor compact .....	107
Bit screwdriver 1/4" .....	74, 125
Bit set 5/16" .....	129, 130
Bolt cutter .....	141
Bricklayer's chisel .....	153

Bricklayer's hammer .....	151
Builder's hatchet .....	151

**C**

C-Clamp locking plier .....	145
Carbide scriber with clip .....	159
Carpenter's hammer .....	151
Cartridge caulking gun .....	171
Centre punch .....	154
Circlip pliers for external retaining rings .....	138, 139
Circlip pliers for internal retaining rings .....	139, 139
Circlip pliers set in 1/3 module .....	55
Claw hammer, American pattern .....	150
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