

# Sockets and accessories.

Be a MATADOR.



## Content Sockets / accessories.

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# MATADOR drive technology. Benefit from experience.

In the beginning there was only an idea.



MATADOR's first reversible ratchet made in 1924, patented in Germany.



2018 model of the MATADOR reversible ratchet.



## Why recessed switch lever?

MATADOR reversible ratchets are basically equipped with recessed switch levers.

In comprehensive application studies we found that the most common cause of defect is a torn-off switch lever. In daily use in workshops reversible ratchets are often simply thrown into the tool box or even misused as hammers. Yet a light tap on a protruding lever can cause it to tear off and render it impossible to continue work.

Since 1900 we think about drive technology.

Often, less is more.

The intrinsic values are what counts.

As one of the first manufacturers in Europe already in 1924 MATADOR presented its first reversible ratchet which was patented in Germany.

It is not our objective to offer the most extensive range of ratchets in the market and to sell "old wine in new bottles".

Besides a proper use the lifetime of a ratchet is substantially determined by the quality of the components.

In the course of the following years a comprehensive range of operating tools had been developed.

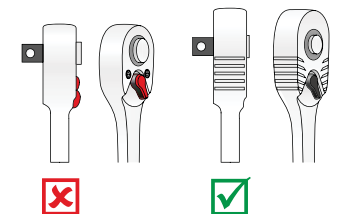
Instead we concentrate on our core competences and have only those ratchets in our range that are really needed in practice and that meet our strict requirements in terms of quality.

For instance, the MATADOR reversible ratchet with 12.5 mm (½") drive is made of 12 individual components that are precisely matched to each other. Especially the toothed ratchet wheel, the pawl made of heavy duty steel for fixing the wheel as well as the lever for switching from clockwise to anti-clockwise operation

Nowadays, CNC-controlled processes allow the production of top quality ratchets. However, their core function has not changed significantly. Back then as well as today ratchets help tightening or loosening screwed connections quickly by hand.

No toys but solid technology for professional users at an appropriate price/performance ratio.

are parts that are exposed to heavy load. The ideal composition of the used material as well as a perfect machining are of great importance.



That is why MATADOR countersinks the switch levers into the ratchet body creating an even and invulnerable surface.















A small detail with high effect.

# All ratchets at a glance.


Get back to basics.

From 6.3 (1/4") up to 25 (1") drive. Extremely short for confined spaces or extremely long for high torque transmission. Or extendible. Or swivelling. Normal-toothed or fine-toothed with 72 teeth for only 5° swivel angle. With lever or push-through-technology.

You don't find what you need? Please contact us.

			6.3 mm 1/4	10 mm 3/8	12.5 mm 1/2	20 mm 3/4	25 mm 1
	 Reversible Ratchet with joint, fine-toothed	2063 0002	--	--	--	--	--
	 Reversible Ratchet, fine-toothed	2061 0090	--	--	--	--	--
	 Reversible Ratchet, fine-toothed	--	3061 0090	--	--	--	--
	 Reversible Ratchet, fine-toothed	--	--	4061 0090	--	--	--
	 Reversible Ratchet, fine-toothed	--	--	--	5060 0001	--	--
	 Push-Through Ratchet, normal-toothed	--	--	--	5062 0001	--	--
	 Reversible Ratchet, fine-toothed	--	--	--	--	6060 0001	--

How much torque do you need? Minimum torque requirements according to DIN 3122 for reversible ratchets:

		6.3 mm 1/4	10 mm 3/8	12.5 mm 1/2	20 mm 3/4	25 mm 1
	up to a max. swivel angle of 20°	62 N-m	202 N-m	--	--	--
	up to a max. swivel angle of 15°	--	--	512 N-m	1412 N-m	2515 N-m

# MATADOR Sockets with Super-Chrom and SmartDrive<sup>2</sup>.

Our range of sockets and screwdriver bit sockets for professional use.

Super-Chrom coating outside and inside - for permanence and durability.



From 6.3 (1/4") to 20 (3/4") with SmartDrive<sup>2</sup>.



All tools are automatically stamped, not only lasered.



From 10 (3/8") to 12.5 (1/2") with cross knurling for quick manual operation (also with oily hands).

4 deep milled ball grooves for secure hold.

## Higher torque values thanks to SmartDrive.

As one of the first tool manufacturers MATADOR introduced a special flank drive profile ("SmartDrive") more than 10 years ago.

Sockets with MATADOR Smart-Drive profile distribute the power to the screw head flanks, not to the edges. As a result MATADOR sockets work on about double the contact surface as conventional sockets.

The advantages:

- Optimized traction, even on worn screws
- Higher torque values
- Ideal protection of the screws

All MATADOR sockets with square drives from 6.3 (1/4") up to 20 (3/4") are supplied with SmartDrive.

## And what's more: SmartDrive<sup>2</sup>.

The perfect add-on to SmartDrive is SmartDrive<sup>2</sup>.

Also on the drive end of a socket enormous power is applied and the optimal traction between the outer square of the operating tool and the inner square of the socket is highly important.

That's why the inner squares of the MATADOR sockets are also provided with a SmartDrive profile: The edges of the outer square will be protected thanks to the notches. Slightly convex flanks transfer the power to the plane surface.

MATADOR SmartDrive<sup>2</sup> - you should not be content with less.

## MATADOR SuperChrom.

Generally quality hand tools undergo a fully galvanic treatment, i.e. they are first nickel-plated and then chrome-plated.

Through the (yellowly shimmering) nickel coating the tools get rust protection and through chrome which is applied afterwards they receive their silvery shiny appearance.

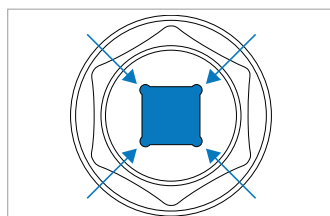
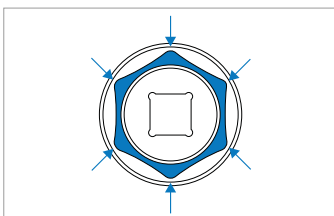
MATADOR SuperChrom goes one step further: Through especially intense grinding the tools get a very smooth surface. Afterwards they will be finished optimally with a very resistant and thick nickel-chrome-plating - of course chrome VI free and environmentally friendly.

## Inner values combined with a valuable appearance.

In the result SuperChrom does not only look much more valuable but it also significantly improves the resistance to external impacts.

Chrome spalling due to heavy duty application, scratches on the surface etc. and thus potential patches of rust are things of the past.

Please test yourself and compare MATADOR SuperChrom tools with conventionally chrome-plated tools - you will be impressed.


















































# Alle Steckschlüssel auf einen Blick.

## Von der Feinmechanik bis hin zur Schwerindustrie.

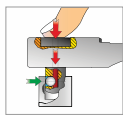
From 6.3 (1/4") up to 25 (1") drive. Six point. Double six point. Millimeter. Inch. Short type. Long type. With bits for slotted screws. For cross-slotted screws. For hexagon socket screws. For XZN. For RIBE®. For TORX®. With drive for bits from 6.3 (1/4") to 11 (7/16").

You don't find what you need? Please contact us.

						
	 Sockets, six point	<b>2075</b> 4 – 14 (1/8 – 9/16)	<b>3075</b> 6 – 22 (1/4 – 5/16)	<b>4075</b> 8 – 36 (3/8 – 1.1/4)	<b>5075</b> 19 – 60 (7/8 – 2.1/4)	-
	 Sockets, double six point	-	<b>3075</b> 6 – 22 (11/32 – 7/8)	<b>4075</b> 10 – 36 (3/8 – 1.1/4)	<b>5075</b> 19 – 60	<b>6075</b> 36 – 80
	 Sockets, long type, six point	<b>2081</b> 4 – 14	<b>3081</b> 8 – 22	<b>4081</b> 10 – 32	-	-
	 Sockets, long type, double six point	-	-	<b>4081</b> 10 – 32	-	-
	 Sockets, outside TORX®	<b>2090</b> E4 – E11	<b>3090</b> E8 – E14	<b>4090</b> E10 – E24	-	-
	 Screwdriver Bit Sockets, for slotted screws	<b>2076</b> 4 – 7	<b>3076</b> 7 – 9	<b>4076</b> 8 – 12	-	-
	 Screwdriver Bit Sockets, for cross-slotted screws PH	<b>2077</b> PH 1 – 3	<b>3077</b> PH 1 – 3	<b>4077</b> PH 2 – 4	-	-
	 Screwdriver Bit Sockets, for cross-slotted screws PZ	<b>2077</b> PZ 1 – 3	-	-	-	-
	 Screwdriver Bit Sockets, for hexagon socket screws	<b>2078</b> 3 – 10	<b>3078</b> 4 – 10	<b>4078</b> 4 – 19 (3/6 – 9/16)	-	-
	 Screwdriver Bit Sockets, for multi-point screws XZN	-	<b>3079</b> M5 – M10	<b>4079</b> M5 – M16	-	-
	 Screwdriver Bit Sockets, for multi-spline screws RIBE®	-	-	<b>4080</b> M5 – M16	-	-
	 Screwdriver Bit Sockets, for recessed TORX® screws	<b>2092</b> T6 – T40	<b>3092</b> T15 – T50	<b>4092</b> T20 – T80	-	-
	 Screwdriver Bit Sockets, for recessed TORX® screws with pin	<b>2093</b> TR8 – TR40	-	<b>4093</b> TR20 – TR80	-	-
	 Reducers	-	<b>3082 0001</b>	-	-	-
	 Reducers and Converters	<b>2083 0001</b>	-	<b>4082 0001</b>	-	-
	 Reducers and Converters	-	<b>3083 0001</b>	-	<b>5082 0001</b>	-
	 Reducers and Converters	-	-	<b>4083 0001</b>	-	<b>6082 0001</b>
	 Reducers and Converters	-	-	-	<b>5083 0001</b>	-
	 Bit Adapters	<b>2084 0001</b> <b>2084 0002</b>	<b>3084 0001</b>	<b>4084 0001</b>	-	-
	 Bit Adapters	-	-	<b>4084 0002</b>	-	-
	 Bit Adapters	-	-	<b>4084 0003</b>	-	-

# The MATADOR articulated ratchet in 6.3 (1/4").

Small, handy and swivelling.

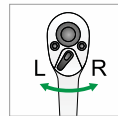


Safety Lock  
With safety lock and quick-release function.

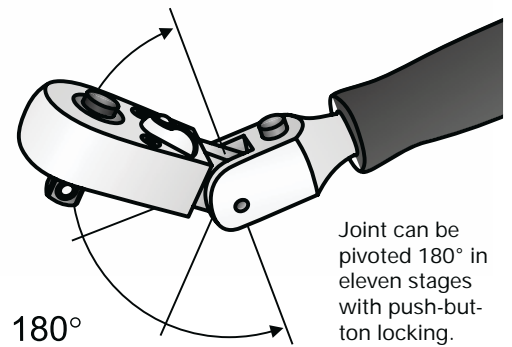
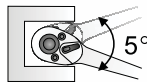


Ergonomic handle.

Recessed lever for clockwise and anti-clockwise movement.



Fine-toothed with 72 teeth for only 56° swivel angle.



Joint can be pivoted 180° in eleven stages with push-button locking.

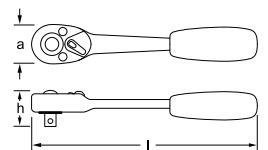
180°

## Articulated Ratchet

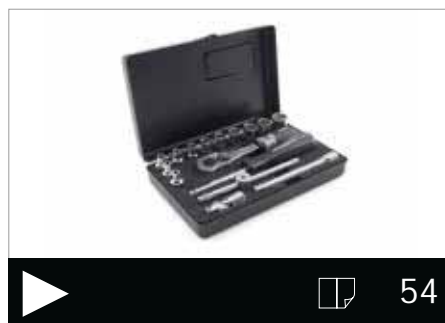
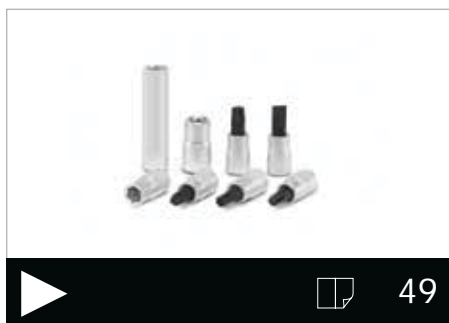


- Small ratchet head for confined spaces
- With safety lock and quick-release function
- With lever
- Fine-toothed with 72 teeth
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - C 6.3 / ISO 1174

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



Art. Code	mm	"	l mm	a mm	h mm	g	
2063 0002	6,3	1/4	120	25	23	110	10



# The new MATADOR Z90 reversible ratchet in 6.3 (1/4").

More teeth. More power. More grip. More applications. More design.

## 25%

reduced angle (only 4°) compared to standard fine-toothed ratchets thanks to an innovative 90-teeth technique. Still ready for working even when it gets really tight.

## 4°

## 50%

more torque than requested in the DIN standard (e.g. 12.5 mm (1/2") > 750 N·m). Still loosens screws when others have long given up.

## max.

ergonomics thanks to multi-component handle, better than standard 1- or 2-component handles. Optimally adapted, spherical shape.

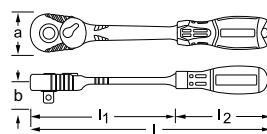


6.3 mm  
1/4

### ■ Reversible Ratchet

- Extremely robust square shank made of Chrome Vanadium steel for high resilience in every situation
- Push-button lock for a safe connection between ratchet and socket
- Recessed, flat lever for quick change of direction
- Fine-toothed with 90 teeth, only 4° swivel angle
- For hand-operated sockets and adapters
- Practical hanging loop to secure the ratchet during construction work or to hang on a tools panel

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



Art. Code	mm	"	l mm	l1 mm	l2 mm	a mm	b mm	g	
2061 0090	6,3	1/4	125	70	55	23,5	24,7	112	10
2061 0099	Repair Kit							30	1





# MATADOR 2in1 Spinner Handle.

The innovative multiscrewdriver.



multi-component handle. Optimally adapted, spherical shape.

Bayonet mount for bit and square drive.



With hexagon socket for bits.



With square drive for sockets.



Ergonomic and comfortable thumb rest.



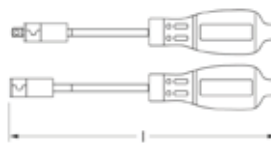
Practical hanging loop to secure the handle during construction work or to hang on a tools panel.

## Spinner Handle 2in1

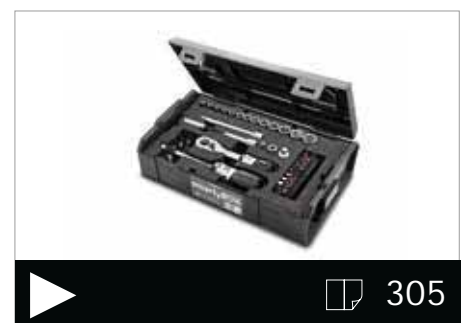
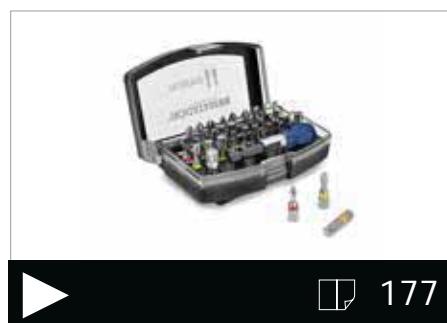
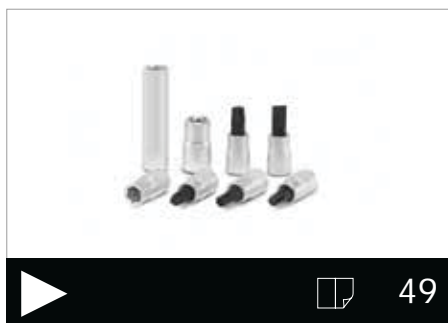


- Innovative spinner handle that can be used as a multiscrewdriver
- Patented spinner handle with bayonet mount for bit and square drive
- Ergonomic multi-component handle

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



Art. Code	mm	"	l mm	g	
2073 0090	6,3	1/4	165	90	10

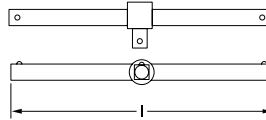


## ■ Sliding T-Handle

1/4 6.3 mm

- Can be used as T-Handle, with sliding square drive
- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 6.3 / ISO 1174

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Super-Chrom



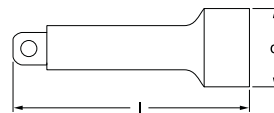
Art. Code	mm	"	l mm	g	
2064 0001	6,3	1/4	115	42	10

## ■ Extensions

1/4 6.3 mm 1/4 6.3 mm

- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 6.3 and C 6.3 / ISO 1174
- Standards: DIN 3123 / ISO 3315

- Material: Chrome Vanadium
- Surface: Super-Chrom



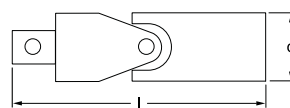
Art. Code	mm	"	mm	"	d mm	l mm	l "	g	
2065 0001	6,3	1/4	6,3	1/4	12	50	2	20	10
2065 0002	6,3	1/4	6,3	1/4	12	100	4	40	10

## ■ Universal Joint

1/4 6.3 mm 1/4 6.3 mm

- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 6.3 and C 6.3 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



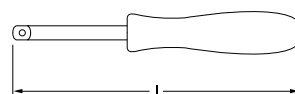
Art. Code	mm	"	mm	"	d mm	l mm	g	
2068 0001	6,3	1/4	6,3	1/4	14	38	27	10

## ■ Spinner Handle

1/4 6.3 mm

- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 6.3 / ISO 1174

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



Art. Code	mm	"	mm	"	l mm	g	
2073 0001	6,3	1/4	6,3	1/4	150	90	10

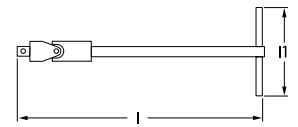
## ■ T-Handle Extension

**1/4 6.3 1/4 6.3**



- Very functional, for hard-to-reach areas
- Can be used as T-Handle or L-Handle
- Can also be used as extension together with a ratchet thanks to inner square C 6.3 on the T-Handle side
- With universal joint for flexible use
- With ball locking device
- For hand-operated sockets and adapters

- Square drive acc. to DIN 3120 - A 6.3 / ISO 1174
- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	l mm	"	l1 mm	l1 "	g	
2074 0001	6,3	1/4	6,3	1/4	500	20	200	8	300	10

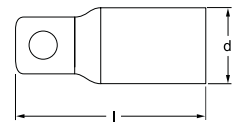
## ■ Converter

**3/8 10 1/4 6.3**



- With ball locking device
- For hand-operated sockets and adapters
- Square drive acc. to DIN 3120 - A 10 and C 6.3 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	g	
2083 0001	10,0	3/8	6,3	1/4	14	25,5	20	10

## ■ Adapter

**1/4 6.3 1/4 6.3 1/4 6.3 1/4 6.3**



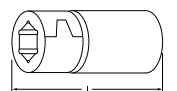
2084 0001



2084 0002

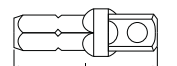
- For inserting bits with hex shank
- With spring clip
- With hexagon socket acc. to DIN 3126 - D 6.3 and inner square C 6.3 acc. to DIN 3120
- Standards: DIN 3126 / 3120

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	l mm	g	
2084 0001	6,3	1/4	6,3	1/4	25	15	10

- Connector



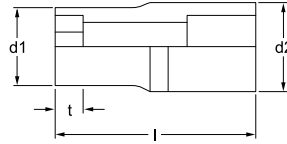
Art. Code	mm	"	mm	"	l mm	g	
2084 0002	6,3	1/4	6,3	1/4	28	15	10

## ■ Sockets



- For hexagon head screws
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- With six point profile
- With MATADOR SmartDrive<sup>2</sup>
- Standards: DIN 3124 / ISO 2725-1

- Material: Chrome Vanadium
- Surface: Super-Chrom

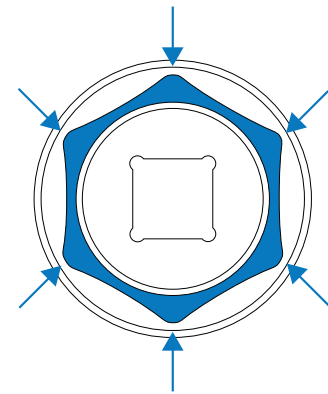


Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g	
2075 0040	4	5	25	6,8	11,9	10	10
2075 0045	4,5	5	25	7,1	11,9	10	10
2075 0050	5	5	25	8,0	11,9	10	10
2075 0055	5,5	5	25	8,3	11,9	11	10
2075 0060	6	5	25	9,3	11,9	11	10
2075 0070	7	5	25	10,5	11,9	12	10
2075 0080	8	5	25	11,9	11,9	12	10
2075 0090	9	8	25	13,0	13,0	19	10
2075 0100	10	8	25	14,0	14,0	17	10
2075 0110	11	8	25	15,9	15,9	24	10
2075 0120	12	8	25	16,9	16,9	27	10
2075 0130	13	10	25	17,8	17,8	31	10
2075 0140	14	10	25	19,6	19,6	38	10



6.3 mm  
1/4

Art. Code	"AF	t mm	l mm	d1 mm	d2 mm	g	
2075 8001	1/8	5	25	6,8	11,9	10	10
2075 8002	5/32	5	25	6,8	11,9	10	10
2075 8003	3/16	5	25	8,0	11,9	10	10
2075 8004	7/32	5	25	8,8	11,9	11	10
2075 8005	1/4	5	25	9,3	11,9	11	10
2075 8006	9/32	5	25	10,5	11,9	12	10
2075 8007	5/16	5	25	11,9	11,9	12	10
2075 8008	11/32	5	25	13,0	13,0	19	10
2075 8009	13/32	5	25	13,0	13,0	19	10
2075 8010	3/8	8	25	14,0	14,0	17	10
2075 8011	7/16	8	25	16,0	16,0	24	10
2075 8012	1/2	10	25	17,8	17,8	31	10
2075 8013	9/16	10	25	19,5	19,5	31	10



## ■ Sockets „Mini“, Set



- For hexagon head screws
- The 4 most important sizes in one set
- In practical box with hanger
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174

- With six point profile
- With MATADOR SmartDrive<sup>2</sup>
- Standards: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom

Art. Code	a mm	b mm	g	
2075 9040	75	95	80	1

2075 7 - 8 - 10 - 13 mm

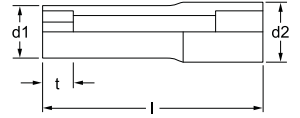


## ■ Sockets, long type



- For hexagon head screws
- Ideal for deep screw connections
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- With six point profile
- With MATADOR SmartDrive<sup>2</sup>

- Standards: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g	
2081 0040	4	5	50	6,8	11,9	22	10
2081 0045	4,5	5	50	7,1	11,9	23	10
2081 0050	5	5	50	8,0	11,9	21	10
2081 0055	5,5	5	50	8,3	11,9	21	10
2081 0060	6	8	50	9,3	11,9	22	10
2081 0070	7	8	50	10,5	11,9	23	10
2081 0080	8	8	50	11,9	11,9	25	10
2081 0090	9	11	50	13,0	13,0	30	10
2081 0100	10	11	50	14,6	14,6	40	10
2081 0110	11	11	50	15,9	15,9	45	10
2081 0120	12	13	50	16,9	16,9	53	10
2081 0130	13	13	50	17,8	17,8	70	10
2081 0140	14	16	50	19,6	19,6	75	10

## ■ Sockets (TORX®)



- For outside TORX® screws
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174

- Material: Chrome Vanadium
- Surface: Super-Chrom



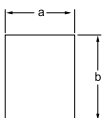
Art. Code		t mm	l mm	d1 mm	d2 mm	g	
2090 0040	E4	5	25	7	11,9	12	10
2090 0050	E5	5	25	8	11,9	12	10
2090 0060	E6	5	25	9	11,9	13	10
2090 0070	E7	5	25	9,5	11,9	14	10
2090 0080	E8	8	25	10,5	11,9	13	10
2090 0100	E10	8	25	13,1	14,5	21	10
2090 0110	E11	8	25	13,5	14,5	22	10

## ■ Sockets „Mini“, Set



- For outside TORX® screws
- The 3 most important sizes in one set
- In practical box with hanger
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	a mm	b mm	g	
2090 9030	75	95	65	1

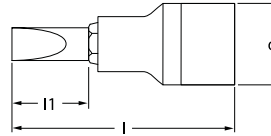
2090 E8 - E10 - E11

## ■ Screwdriver Bit Sockets (Slotted)



- For slotted screws
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- Standard: DIN ISO 2380-1 Form B

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



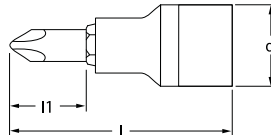
Art. Code	mm	mm	l mm	l1 mm	d mm	g
2076 0040	0,6	4,0	33	14	11,9	12
2076 0055	0,8	5,5	33	14	11,9	12
2076 0070	1,0	7,0	33	14	11,9	13

## ■ Screwdriver Bit Sockets (PH)



- For cross-slotted screws PH
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- Standard: DIN ISO 8764-1 PH

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



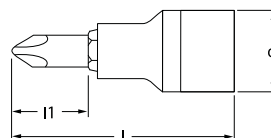
Art. Code	PH	l mm	l1 mm	d mm	g
2077 0001	1	33	14	11,9	14
2077 0002	2	33	14	11,9	14
2077 0003	3	33	14	11,9	15

## ■ Screwdriver Bit Sockets (PZ)



- For cross-slotted screws PZ
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- Standard: DIN ISO 8764-1 PZ

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



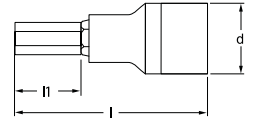
Art. Code	PZ	l mm	l1 mm	d mm	g
2077 0011	1	33	14	11,9	14
2077 0012	2	33	14	11,9	14
2077 0013	3	33	14	11,9	15

## ■ Screwdriver Bit Sockets (Hex)



- For hexagon socket screws
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- Standard: DIN 7422

- Surface: Super-Chrom / tip manganese phosphated



Art. Code	mm	l mm	l1 mm	d mm	g	
2078 0030	3	33	14	11,9	12	10
2078 0040	4	33	14	11,9	12	10
2078 0050	5	33	14	11,9	13	10
2078 0060	6	33	14	11,9	14	10
2078 0070	7	33	14	11,9	13	10
2078 0080	8	33	14	11,9	21	10
2078 0100	10	33	14	11,9	22	10

## ■ Screwdriver Bit Sockets „Mini“, Set



- For hexagon socket screws
- The 3 most important sizes in one set
- In practical box with hanger
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174

- Standard: DIN 7422  
- Material: Chrome Vanadium / tip made of special steel  
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	a mm	b mm	g	
2078 9030	75	95	65	1

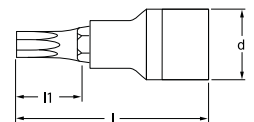
2078 4 - 5 - 6 x 32 mm

## ■ Screwdriver Bit Sockets (TORX®)



- For recessed TORX® head screws
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174

- Surface: Super-Chrom / tip manganese phosphated



Art. Code		l mm	l1 mm	d mm	g	
2092 0060	T6	33	14	11,9	14	10
2092 0070	T7	33	14	11,9	14	10
2092 0080	T8	33	14	11,9	14	10
2092 0090	T9	33	14	11,9	14	10
2092 0100	T10	33	14	11,9	14	10
2092 0150	T15	33	14	11,9	14	10
2092 0200	T20	33	14	11,9	14	10
2092 0250	T25	33	14	11,9	14	10
2092 0270	T27	33	14	11,9	14	10
2092 0300	T30	33	14	11,9	14	10
2092 0400	T40	33	14	11,9	15	10

## ■ Screwdriver Bit Sockets „Mini“, Set



- For recessed TORX® head screws
- The 4 most important sizes in one set
- In practical box with hanger
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



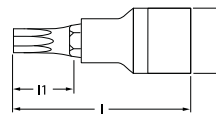
Art. Code	a mm	b mm	g	
2092 9040	75	95	65	1

2092 T20 - T25 - T30 - T40 x 32 mm

## ■ Screwdriver Bit Sockets (TORX® with pilot)



- For recessed TORX® screws with pilot
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



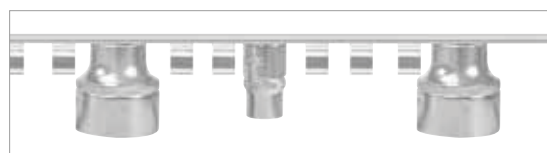
Art. Code		l mm	l1 mm	d mm	g	
2093 0080	TR8	33	14	11,9	14	10
2093 0100	TR10	33	14	11,9	14	10
2093 0150	TR15	33	14	11,9	14	10
2093 0200	TR20	33	14	11,9	14	10
2093 0250	TR25	33	14	11,9	14	10
2093 0270	TR27	33	14	11,9	14	10
2093 0300	TR30	33	14	11,9	14	10
2093 0400	TR40	33	14	11,9	15	10



## ■ Socket Rail



- For wall mounting
- For 14 sockets
- For square drive acc. to DIN 3120 - C 6.3 / ISO 1174



Art. Code	l mm	g	
2099 0001	410	67	1





# MATADOR Socket Sets in 6.3 mm (1/4").

In solid metal case.



6.3 mm  
1/4"

## Socket Sets 6.3 (1/4)



Art. Code	Icons	a mm	b mm	g
2115 9160	16 MM 2061	170	105	700 1
2115 9161	16 AF 2061	170	105	700 1
	2064 115 mm			
	2065 100 mm			
	2068			
	2073 150 mm			
	2075 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 13 mm			
	AF: 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2"			

## Socket Sets 6.3 (1/4)



Art. Code	Icons	a mm	b mm	g
2135 9280	28 MM 2061	220	110	850 1
2135 9281	28 AF 2061	220	110	850 1
	2064 115 mm			
	2065 50, 100 mm			
	2068			
	2073 150 mm			
	2075 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 13 mm			
	AF: 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2"			
	2076 4 - 5,5 - 7 x 32 mm			
	2077 PH 1 - PH 2 - PH 3 x 32 mm			
	2078 3 - 4 - 5 - 6 - 8 x 32 mm			



**MFS** MATADOR FOAM SYSTEM.

With black foam inlay, resistant against oil and lubricants.

**METAL**

In solid metal case, durable quality, black powder coated.



6.3 mm  
1/4

With reversible ratchet Z90 (2061).

■ Socket Sets 6.3 (1/4)



■ Socket Sets Pro 6.3 (1/4)



Art. Code	Icons	a mm	b mm	g	1
2145 0001	54, MM metric, 6	220	110	850	1
	6.3 1/4				
	2064	115 mm			
	2065	50, 100 mm			
	2068				
	2073	150 mm			
	2075	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm			
	7026	3 - 3,5 - 4,5 - 5,5 - 6,5 x 25 mm			
	7027	PH 0 - PH 1 - PH 2 - PH 2 - PH 3 x 25 mm			
	7027	PZ 0 - PZ 1 - PZ 2 - PZ 2 - PZ 3 x 25 mm			
	7028	3 - 4 - 5 - 6 x 25 mm			
	7033	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 x 25 mm			
	2084	6,3 (1/4) - 6,3 (1/4) Bit			
	0440	1,5 - 2 - 2,5 - 3 mm			

Art. Code	Icons	a mm	b mm	g	1
2140 9460	46, MM metric, 6	315	115	1100	1
	6.3 1/4				
	2064	115 mm			
	2065	50, 100 mm			
	2068				
	2073	150 mm			
	2075	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm			
	2076	4 - 7 x 32 mm			
	2077	PH 1 - PH 2 x 32 mm			
	2077	PZ 1 - PZ 2 x 32 mm			
	2078	3 - 4 - 5 - 6 - 8 x 32 mm			
	2090	E4 - E5 - E6 - E7 - E8 - E10 - E11			
	2092	T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 x 32 mm			
	2084	6,3 (1/4) - 6,3 (1/4) Bit			

# Ratchets and sockets in 10 mm (3/8"). The perfect compromise.

Compact size, high torque values.

## 25%

reduced angle (only 4°) compared to standard fine-toothed ratchets thanks to an innovative 90-teeth technique. Still ready for working even when it gets really tight.



10 mm  
3/8"



## max.

ergonomics thanks to multi-component handle, better than standard 1- or 2-component handles. Optimally adapted, spherical shape.

## 50%

more torque than requested in the DIN standard (e.g. 12.5 mm (1/2") > 750 N·m). Still loosens screws when others have long given up.

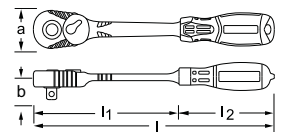
## 4°

### Reversible Ratchet



- Extremely robust square shank made of Chrome Vanadium steel for high resilience in every situation
- Push-button lock for a safe connection between ratchet and socket
- Recessed, flat lever for quick change of direction
- Fine-toothed with 90 teeth, only 4° swivel angle
- For hand-operated sockets and adapters
- Practical hanging loop to secure the ratchet during construction work or to hang on a tools panel

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



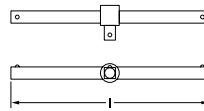
Art. Code	mm	"	l mm	l1 mm	l2 mm	a mm	b mm	g	
3061 0090	10	3/8	200	120	80	29,1	32,8	234	10
3061 0099	Repair Kit							102	1

## Sliding T-Handle

3/8 10 mm

- Can be used as T-Handle, with sliding square drive
- With ball locking device
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 10 / ISO 1174

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Super-Chrom



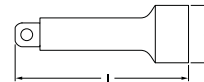
Art. Code	mm	"	l mm	g	mm
3064 0001	10	3/8	200	170	10

## Extensions

3/8 10 mm 3/8 10 mm

- With ball locking device
- With non-slip cross knurling
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 10 and C 10 / ISO 1174

- Standards: DIN 3123 / ISO 3315
- Material: Chrome Vanadium
- Surface: Super-Chrom



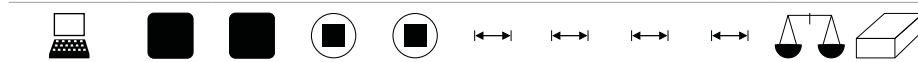
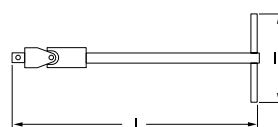
Art. Code	mm	"	mm	"	d mm	l mm	l" mm	g	mm
3065 0050	10	3/8	10	3/8	18	50	5	60	10
3065 0075	10	3/8	10	3/8	18	75	10	90	10
3065 0001	10	3/8	10	3/8	18	125	5	120	10
3065 0002	10	3/8	10	3/8	18	250	10	210	10

## T-Handle Extension

3/8 10 mm 3/8 10 mm

- Very functional, for hard-to-reach areas
- Can be used as T-Handle or L-Handle
- Can also be used as extension together with a ratchet thanks to inner square C 10 on the T-Handle side
- With universal joint for flexible use
- With ball locking device
- For hand-operated sockets and adapters

- With square drive as per DIN 3120 - A 10 / ISO 1174
- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	l mm	l" mm	l1 mm	l1" mm	g	mm
3074 0001	10	3/8	10	3/8	500	20	200	8	350	10

## ■ Universal Joint

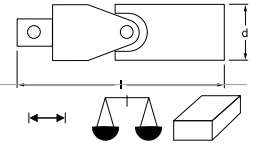


- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - A 10 and C 10 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom

**3/8 10 mm 3/8 10 mm**

Art. Code	mm	"	mm	"	d mm	l mm	g	
3068 0001	10	3/8	10	3/8	19	55	75	10



## ■ Reducer

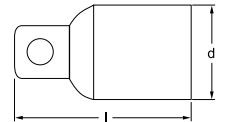


- With ball locking device
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - C 10 and A 6.3 / ISO 1174

- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom

**1/4 6.3 mm 3/8 10 mm**

Art. Code	mm	"	mm	"	d mm	l mm	g	
3082 0001	6,3	1/4	10	3/8	17	27	30	10



## ■ Converter

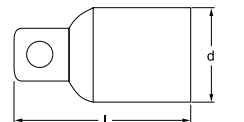


- With ball locking device
- With non-slip cross knurling
- For hand-operated sockets and adapters
- With square drive as per DIN 3120 - C 10 and A 12.5 / ISO 1174

- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom

**1/2 12.5 mm 3/8 10 mm**

Art. Code	mm	"	mm	"	d mm	l mm	g	
3083 0001	12,5	1/2	10	3/8	18	35	40	10



## ■ Bit Adapter

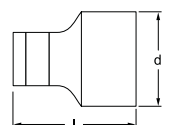


- For inserting bits with hexagon shank
- With spring clip
- With hexagon socket acc. to DIN 3126 and inner square acc. to DIN 3120 - C 10

- Standards: DIN 3126 / 3120
- Material: Chrome Vanadium
- Surface: Super-Chrom

**1/4 6.3 mm 3/8 10 mm**

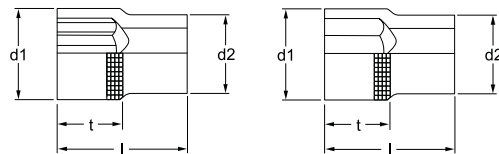
Art. Code	mm	"	mm	"	d mm	l mm	g	
3084 0001	10	3/8	6,3	1/4	17	30	50	10



## ■ Sockets (MM)

- For hexagon head screws
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- With six point or double six point profile
- With non-slip cross knurling
- With MATADOR SmartDrive profile
- MATADOR Super-Chrom for long-lasting rust protection

- Standards: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g	
3075 0060	6	3075 1060	6	5	28	9,3	17,0	20	10
3075 0070	7	3075 1070	7	5	28	10,6	17,0	22	10
3075 0080	8	3075 1080	8	9	28	11,8	17,0	24	10
3075 0090	9	3075 1090	9	9	28	13,2	17,0	26	10
3075 0100	10	3075 1100	10	9	28	14,5	17,0	30	10
3075 0110	11	3075 1110	11	9	28	15,7	17,0	30	10
3075 0120	12	3075 1120	12	9	28	17,0	17,0	32	10
3075 0130	13	3075 1130	13	9	28	18,0	17,0	35	10
3075 0140	14	3075 1140	14	11	28	19,6	17,0	40	10
3075 0150	15	3075 1150	15	13	28	20,9	18,0	42	10
3075 0160	16	3075 1160	16	13	28	22,0	18,0	48	10
3075 0170	17	3075 1170	17	13	30	23,4	18,0	55	10
3075 0180	18	3075 1180	18	13	30	24,6	18,0	60	10
3075 0190	19	3075 1190	19	13	30	26,0	20,0	70	10
3075 0200	20	3075 1200	20	13	30	27,1	20,0	75	10
3075 0210	21	3075 1210	21	14	30	28,0	20,0	82	10
3075 0220	22	3075 1220	22	15	32	30,0	20,0	85	10

## ■ Sockets (AF)

- For hexagon head screws
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- With non-slip cross knurling
- With MATADOR SmartDrive profile

- MATADOR Super-Chrom for long-lasting rust protection
- Standards: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	"AF		t mm	l mm	d1 mm	d2 mm	g	
3075 8001	1/4	6	6	28	9,2	17,0	20	10
3075 8002	9/32	6	7	28	11,1	17,0	22	10
3075 8003	5/16	6	7	28	11,5	17,0	24	10
3075 8004	11/32	12	7	28	13,0	17,0	26	10
3075 8005	3/8	12	9	28	14,6	17,0	26	10
3075 8006	7/16	12	10	28	16,0	17,0	30	10
3075 8007	1/2	12	12	28	18,0	17,0	30	10
3075 8008	9/16	12	13	28	20,0	17,0	30	10
3075 8009	5/8	12	13	28	22,0	18,0	40	10
3075 8010	11/16	12	14	30	24,0	18,0	50	10
3075 8011	3/4	12	15	30	26,0	20,0	60	10
3075 8012	13/16	12	16	30	28,0	20,0	70	10
3075 8013	7/8	12	18	30	30,0	20,0	80	10

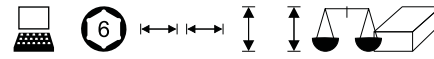


## ■ Sockets, long type

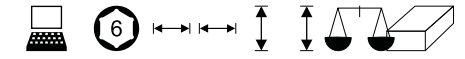


- For outside TORX® screws
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- With non-slip cross knurling

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g
3081 0080	8	10	65	11,8	17,0	110
3081 0100	10	11	65	14,5	17,0	110
3081 0110	11	12	65	15,7	17,0	120
3081 0120	12	14	65	17,0	16,4	120
3081 0130	13	14	65	18,0	17,0	140
3081 0140	14	17	65	19,6	17,0	140



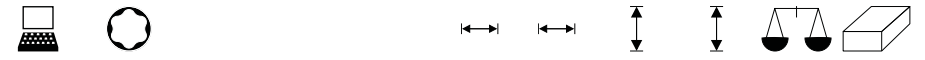
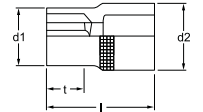
Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g
3081 0150	15	17	65	20,9	18,0	140
3081 0170	17	17	65	23,4	18,0	150
3081 0190	19	20	65	26,0	20,0	150
3081 0210	21	20	65	28,0	20,0	150
3081 0220	22	23	65	30,0	20,0	160

## ■ Sockets (TORX®)



- For outside TORX® screws
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- With non-slip cross knurling
- MATADOR Super-Chrom for long-lasting rust protection

- Material: Chrome Vanadium
- Surface: Super-Chrom



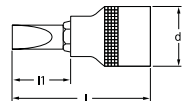
Art. Code		t mm	l mm	d1 mm	d2 mm	g
3090 0060	E6	7	28	10	17	27
3090 0070	E7	7	28	10	17	27
3090 0080	E8	7	28	10	17	27
3090 0100	E10	8	28	12	17	28
3090 0110	E11	8	28	13	17	29
3090 0120	E12	8	28	14	17	30
3090 0140	E14	10	28	15	17	34

## ■ Screwdriver Bit Sockets (Slotted)



- For slotted screws
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- Standard: DIN ISO 2380-1 Form B

- Material: Chrome Vanadium / tip made of special steel

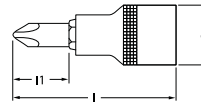


Art. Code	mm	mm	l mm	l1 mm	d mm	g
3076 0070	1,0	7	48	22	18	27
3076 0080	1,2	8	48	22	18	28
3076 0090	1,6	9	48	22	18	29

## ■ Screwdriver Bit Sockets (PH)



- For cross-slotted screws PH
  - Extra hard tips made of special steel
  - Square drive acc. to DIN 3120 - C 10 / ISO 1174
  - With non-slip cross knurling
  - Standard: DIN ISO 8764-1 PH
- Material: Chrome Vanadium / tip made of special steel



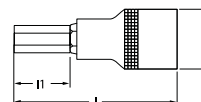
Art. Code	PH	l mm	l1 mm	d mm	g
3077 0001	1	48	22	18	27
3077 0002	2	48	22	18	28
3077 0003	3	48	22	18	29



## ■ Screwdriver Bit Sockets (Hex)



- For hexagon socket screws
  - Extra hard tips made of special steel
  - Square drive acc. to DIN 3120 - C 10 / ISO 1174
  - With non-slip cross knurling
  - Standard: DIN 7422
- Material: Chrome Vanadium / tip made of special steel



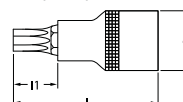
Art. Code	mm	l mm	l1 mm	d mm	g
3078 0040	4	48	22	18	35
3078 0050	5	48	22	18	35
3078 0060	6	48	22	18	36
3078 0070	7	48	22	18	38
3078 0080	8	48	22	18	40
3078 0100	10	48	22	18	48
3078 1040	4	92	66	18	68
3078 1050	5	92	66	18	68
3078 1060	6	92	66	18	68
3078 1070	7	92	66	18	68
3078 1080	8	92	66	18	70
3078 1100	10	92	66	18	71



## ■ Screwdriver Bit Sockets (XZN)



- For multi-point screws XZN
  - Extra hard tips made of special steel
  - In standard length (48 mm) or extra long for deep screw connections (92 mm)
  - Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
  - With non-slip cross knurling
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	mm	l mm	l1 mm	d mm	g
3079 0050	M5	48	22	18	35
3079 0060	M6	48	22	18	35
3079 0080	M8	48	22	18	36
3079 0100	M10	48	22	18	40
3079 1080	M8	92	66	18	70
3079 1100	M10	92	66	18	82



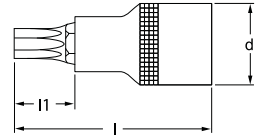


## ■ Screwdriver Bit Sockets (TORX®)



- For recessed TORX® screws
- Extra hard tips made of special steel
- In standard length (48 mm) or extra long for deep screw connections (92 mm)
- For hand operation
- Square drive acc. to DIN 3120 - C 10 / ISO 1174
- With non-slip cross knurling

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	l mm	l1 mm	d mm	g		
3092 0100	T10	48	22	18	34	10
3092 0150	T15	48	22	18	34	10
3092 0200	T20	48	22	18	34	10
3092 0250	T25	48	22	18	34	10
3092 0270	T27	48	22	18	34	10
3092 0300	T30	48	22	18	35	10
3092 0400	T40	48	22	18	35	10
3092 0450	T45	48	22	18	37	10
3092 0500	T50	48	22	18	45	10
3092 0550	T55	48	22	18	45	10



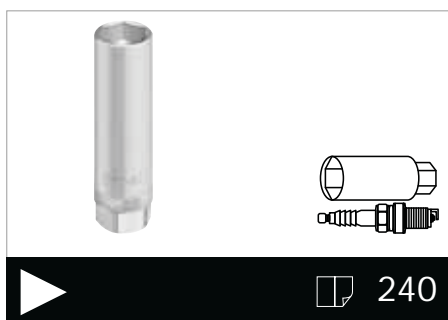
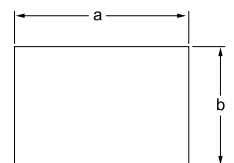
Art. Code	l mm	l1 mm	d mm	g		
3092 1150	T15	92	66	18	68	10
3092 1200	T20	92	66	18	68	10
3092 1250	T25	92	66	18	68	10
3092 1270	T27	92	66	18	68	10
3092 1300	T30	92	66	18	70	10
3092 1400	T40	92	66	18	71	10
3092 1450	T45	92	66	18	100	10
3092 1500	T50	92	66	18	110	10
3092 1550	T55	92	66	18	110	10

## ■ Screwdriver Bit Sockets Set (TORX®)



- For recessed TORX® head screws
- The 7 most important sizes in one set
- In standard length (48 mm) and extra long for deep screw connections (92 mm)
- For hand operation
- Square drive acc. to DIN 3120 - C 6.3 / ISO 1174
- In solid metal case, durable quality, black powder coated

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	a mm	b mm	g
3092 9140	170	105	1000

3092 T20 - T25 - T27 - T30 - T40 - T45 - T50 x 48 mm  
T20 - T25 - T27 - T30 - T40 - T45 - T50 x 92 mm

# MATADOR Socket Sets 10 mm (3/8").

In solid metal case.



**METAL**

In solid metal case, durable quality, black powder coated.

**MFS** MATADOR FOAM SYSTEM.

With black foam inlay, resistant against oil and lubricants.

## Socket Sets 10 (3/8)



## Socket Sets (TORX®) 10 (3/8)



Art. Code	Icons	a mm	b mm	g	
3115 9211	24 MM TORX, 12	315	115	2400	1
	3061				
	3065 125, 250 mm				
	3068				
	3075 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm				

Art. Code	Icons	a mm	b mm	g	
3125 9390	39 MM TORX, 6	445	185	3200	1
3125 9391	39 MM TORX, 12	445	185	3200	1
3125 9350	35 AF, 6	445	185	3200	1
	3061				
	3065 125, 250 mm				
	3068				
	3075 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm				
	AF: 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8"				
	3078 4 - 5 - 6 - 7 - 8 - 10 x 48 mm				
	3090 E8 - E10 - E11 - E12 - E14				
	3092 T15 - T20 - T25 - T27 - T30 - T40 - T45 x 48 mm				

# The new MATADOR Z90 reversible ratchet in 6.3 (1/4").

More teeth. More power. More grip. More applications. More design.

## 25%

reduced angle (only 4°) compared to standard fine-toothed ratchets thanks to an innovative 90-teeth technique. Still ready for working even when it gets really tight.



12,5 mm  
1/2



## max.

ergonomics thanks to multi-component handle, better than standard 1- or 2-component handles. Optimally adapted, spherical shape.

## 50%

more torque than requested in the DIN standard (e.g. 12.5 mm (1/2") > 750 N·m). Still loosens screws when others have long given up.

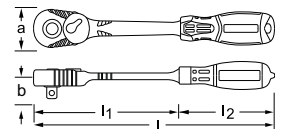
## 4°

### ■ Reversible Ratchet



- Extremely robust square shank made of Chrome Vanadium steel for high resilience in every situation
- Push-button lock for a safe connection between ratchet and socket
- Recessed, flat lever for quick change of direction
- Fine-toothed with 90 teeth, only 4° swivel angle
- For hand-operated sockets and adapters
- Practical hanging loop to secure the ratchet during construction work or to hang on a tools panel

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



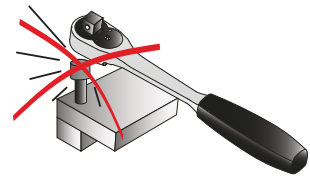
Art. Code	mm	"	l mm	l1 mm	l2 mm	a mm	b mm	g	
4061 0090	12,5	1/2	275	165	110	37,7	42,2	539	10
4061 0092	6,3 - 12,5	1/4 - 1/2	Double Pack						1
4061 0093	6,3 - 10 - 12,5	1/4 - 3/8 - 1/2	Triple Pack						1
4061 0099	Repair Kit							135	1



Care instructions  
for ratchets.

High quality ratchets from MATADOR can be used for a lifetime operation, if they are treated with a little care:

Never use the ratchet as a hammer!



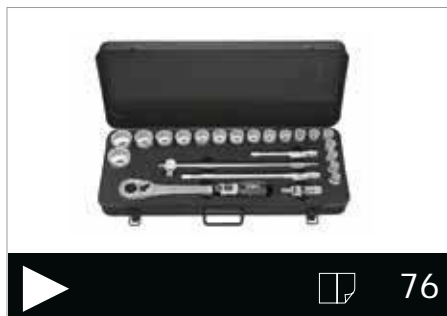
Do not clean the ratchet under water as this reduces the lubrication of the gear mechanism.



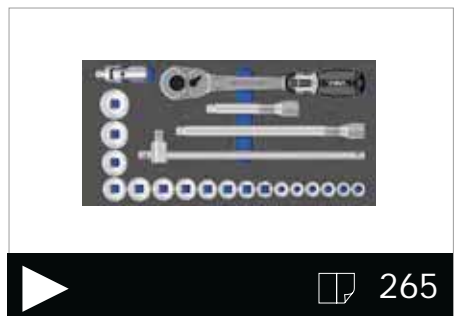
12,5  
mm  
1/2



69



76



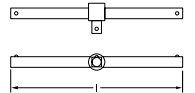
265

## ■ Sliding T-Handle

**1/2** **12,5 mm**

- Can be used as T- or L-Handle, with sliding square drive
- With ball locking device
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 12.5 / ISO 1174
- Standards: DIN 3122 / ISO 3315

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	l mm	g
4064 0001	12,5	1/2	300	380

## ■ Extensions

**1/2** **12,5 mm** **1/2** **12,5 mm**

- With ball locking device
- With non-slip cross knurling
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 12.5 and C 12.5 / ISO 1174

- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



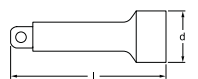
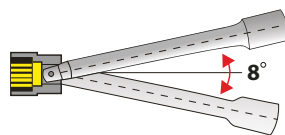
Art. Code	mm	"	mm	"	d mm	l mm	l"	g
4065 0001	12,5	1/2	12,5	1/2	25	75	3	120
4065 0002	12,5	1/2	12,5	1/2	25	125	5	220
4065 0003	12,5	1/2	12,5	1/2	25	250	10	400

## ■ Extensions (Wobble Type)

**1/2** **12,5 mm** **1/2** **12,5 mm**

- Allow the socket to turn off center on the extension by 8° in each direction
- With non-slip cross knurling
- With ball locking device
- For hand-operated sockets and adapters

- Square acc. to DIN 3120 - A 12.5 and C 12.5 / ISO 1174
- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



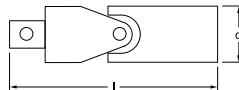
Art. Code	mm	"	mm	"	d mm	l mm	l"	g
4066 0001	12,5	1/2	12,5	1/2	25	125	5	220
4066 0002	12,5	1/2	12,5	1/2	25	250	10	430

## ■ Universal Joint

1/2 12,5 mm 1/2 12,5 mm

- With ball locking device
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 12.5 and C 12.5 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



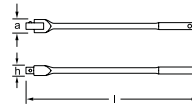
Art. Code	mm	"	mm	"	l mm	g
4068 0001	12,5	1/2	12,5	1/2	75	160

## ■ Swivel Handle

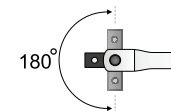
1/2 12,5 mm

- With metal handle
- With ball locking device
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 12.5 / ISO 1174
- Standards: DIN 3122 / ISO 3315

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	l mm	a mm	h mm	g
4072 0001	12,5	1/2	375	30	20	630



## ■ T-Handle Extension

1/2 12,5 mm 1/2 12,5 mm

- Very functional, for hard-to-reach areas
- With universal joint for flexible use
- Can be used as T-handle or L-handle
- Can also be used as extension together with a ratchet thanks to inner square on the T-handle side
- With ball locking device
- For hand-operated sockets and adapters

- Square acc. to DIN 3120 - A 12.5 and C 12.5 / ISO 1174
- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	l mm	l" mm	l1 mm	l1" mm	g
4074 0001	12,5	1/2	12,5	1/2	500	20	200	8	750

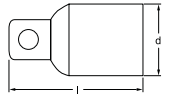
## ■ Reducer

**3/8** **10 mm** **1/2** **12,5 mm**



- With ball locking device
- With non-slip cross knurling
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 10 and C 12.5 / ISO 1174

- Standards: DIN 3123 / ISO 3316
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	g	
4082 0001	10,0	3/8	12,5	1/2	22	36	50	10

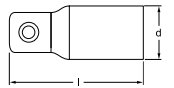
## ■ Converter

**3/4** **20 mm** **1/2** **12,5 mm**



- With ball locking device
- For hand-operated sockets and adapters
- Square acc. to DIN 3120 - A 20 and C 12.5 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	g	
4083 0001	20,0	3/4	12,5	1/2	25	46	110	10

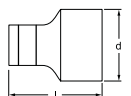
## ■ Bit Adapters

**1/2** **12,5 mm**



- For hand as well as machine operation
- For inserting bits with hex shank
- With spring clip
- With hexagon socket acc. to DIN 3126 and inner square acc. to DIN 3120 - C 12.5
- Standards: DIN 3126 / 3120

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	g	
4084 0001	12,5	1/2	6,3	1/4	25	38	45	10
4084 0002	12,5	1/2	7,94	5/16	25	38	60	10
4084 0003	12,5	1/2	11,11	7/16	25	38	80	10

# MATADOR Super Chrome.

## The original since 1934.

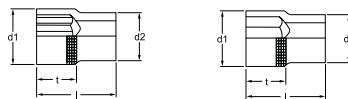
The perfect surface treatment.



### ■ Sockets (MM)

- For hexagon head screws
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With six point or double six point profile
- With non-slip cross knurling
- With MATADOR SmartDrive profile
- MATADOR Super-Chrom for long-lasting rust protection

- Standard: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g	
4075 0080	8	--	--	6	38	12,2	22,0	45	10
4075 0090	9	--	--	6	38	13,5	22,0	48	10
4075 0100	10	4075 1100	10	7	38	15,0	22,0	50	10
4075 0110	11	4075 1110	11	8	38	16,3	22,0	53	10
4075 0120	12	4075 1120	12	9	38	17,6	22,0	55	10
4075 0130	13	4075 1130	13	9	38	18,8	22,0	60	10
4075 0140	14	4075 1140	14	11	38	20,4	22,0	62	10
4075 0150	15	4075 1150	15	11	38	21,0	22,0	65	10
4075 0160	16	4075 1160	16	11	38	22,0	22,0	68	10
4075 0170	17	4075 1170	17	11	38	24,0	22,0	70	10
4075 0180	18	4075 1180	18	12	38	26,0	22,0	72	10
4075 0190	19	4075 1190	19	12	38	26,0	22,0	80	10
4075 0200	20	4075 1200	20	12	38	28,0	22,0	85	10
4075 0210	21	4075 1210	21	12	38	28,0	26,0	95	10
4075 0220	22	4075 1220	22	14	38	30,0	26,0	100	10
4075 0230	23	4075 1230	23	14	38	32,0	26,0	105	10
4075 0240	24	4075 1240	24	16	38	32,0	26,0	110	10
4075 0250	25	4075 1250	25	16	42	34,0	26,0	120	5
4075 0260	26	4075 1260	26	16	42	36,0	28,0	130	5
4075 0270	27	4075 1270	27	18	42	36,0	28,0	150	5
4075 0280	28	4075 1280	28	18	42	38,0	28,0	165	5
4075 0290	29	4075 1290	29	18	43	38,0	28,0	180	5
4075 0300	30	4075 1300	30	20	44	40,0	28,0	200	5
4075 0320	32	4075 1320	32	20	44	42,0	28,0	210	5
4075 0340	34	4075 1340	34	22	44	44,0	32,0	260	5
4075 0360	36	4075 1360	36	22	46	48,0	34,0	260	5





■ Sockets (AF)



- For hexagon head screws
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With double six point profile
- With non-slip cross knurling
- Standards: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom

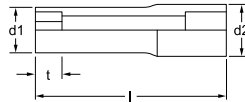
Art. Code	" AF	t mm	l mm	d1 mm	d2 mm	g	
4075 8001	3/8	6	38	15,0	22,0	50	10
4075 8002	7/16	6	38	16,3	22,0	50	10
4075 8003	15/32	8	38	18,8	22,0	60	10
4075 8004	1/2	8	38	18,8	22,0	60	10
4075 8005	9/16	10	38	20,4	22,0	60	10
4075 8006	19/32	10	38	21,0	22,0	60	10
4075 8007	5/8	10	38	22,0	20,5	60	10
4075 8008	21/32	10	38	24,0	22,0	70	10
4075 8009	11/16	10	38	24,0	22,0	70	10
4075 8010	3/4	12	38	26,0	22,0	90	10
4075 8011	25/32	12	38	28,0	22,0	90	10
4075 8012	13/16	12	38	28,0	26,0	90	10
4075 8013	7/8	14	38	30,0	26,0	120	10
4075 8014	15/16	16	38	32,0	26,0	130	5
4075 8015	31/32	16	38	34,0	26,0	150	5
4075 8016	1	16	42	34,0	26,0	150	5
4075 8017	1.1/16	18	42	36,0	28,0	170	5
4075 8018	1.1/8	20	43	38,0	28,0	170	5
4075 8019	1.3/16	20	43	40,0	28,0	200	5
4075 8020	1.1/4	20	43	42,0	28,0	240	5



## ■ Sockets, long type



- For hexagon head screws
  - For hand operation
  - Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
  - With six point profile
  - With non-slip cross knurling
  - With MATADOR SmartDrive profile
- Standards: DIN 3124 / ISO 2725-1
  - Material: Chrome Vanadium
  - Surface: Super-Chrom



Art. Code	mm	Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g	
4081 0100	10	4081 1100	10	18	77	15,0	22	85	5
4081 0110	11	4081 1110	11	18	77	16,3	22	85	5
4081 0120	12	4081 1120	12	18	77	17,6	22	90	5
4081 0130	13	4081 1130	13	18	77	18,8	22	105	5
4081 0140	14	4081 1140	14	31	77	20,4	22	125	5
4081 0150	15	4081 1150	15	31	77	21,0	22	130	5
4081 0161	16	--	--	31	77	21,0	22	130	5
4081 0170	17	4081 1170	17	31	77	24,0	22	145	5
4081 0181	18	--	--	31	77	24,0	22	145	5
4081 0190	19	4081 1190	19	31	77	26,0	22	165	5
4081 0210	21	4081 1210	21	31	77	28,0	26	205	5
4081 0220	22	4081 1220	22	31	77	30,0	26	200	5
4081 0240	24	4081 1240	24	31	77	32,0	26	250	5
4081 0270	27	4081 1270	27	31	77	36,0	28	270	5
4081 0300	30	4081 1300	30	31	77	40,0	28	330	5
4081 0320	32	4081 1320	32	31	77	42,0	28	410	5

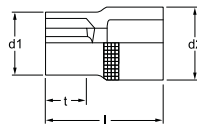


12,5 mm  
1/2

## ■ Sockets (TORX®)



- For outside TORX® screws
  - For hand operation
  - Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
  - With non-slip cross knurling
  - MATADOR Super-Chrom for long-lasting rust protection
- Material: Chrome Vanadium
  - Surface: Super-Chrom



Art. Code		t mm	l mm	d1 mm	d2 mm	g	
4090 0100	E10	22	38	13	22	60	10
4090 0120	E12	22	38	15	22	60	10
4090 0140	E14	22	38	16	22	70	10
4090 0160	E16	22	38	19	22	83	10
4090 0180	E18	22	38	20	22	87	10
4090 0200	E20	24	38	24	22	90	10
4090 0220	E22	26	38	26	22	92	10
4090 0240	E24	28	38	28	22	95	10

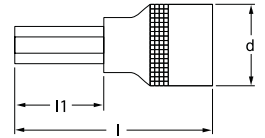


## ■ Screwdriver Bit Sockets (Hex)



- For hexagon socket screws
- Extra hard tips made of special steel
- In standard length (62 mm) or extra long for deep screw connections (100 mm)
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With non-slip cross knurling
- MATADOR Super-Chrom for long-lasting rust protection

- Standard: DIN 7422
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	mm	l mm	l1 mm	d mm	g
4078 0040	4	62	24	24	88
4078 0050	5	62	24	24	89
4078 0060	6	62	24	24	89
4078 0070	7	62	24	24	90
4078 0080	8	62	24	24	91
4078 0100	10	62	24	24	95
4078 0120	12	62	24	24	107
4078 0140	14	62	24	24	121
4078 0170	17	62	24	26	162
4078 0190	19	62	24	26	170



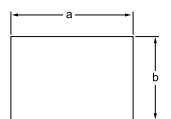
Art. Code	mm	l mm	l1 mm	d mm	g
4078 1040	4	100	62	24	95
4078 1050	5	100	62	24	100
4078 1060	6	100	62	24	103
4078 1070	7	100	62	24	105
4078 1080	8	100	62	24	108
4078 1100	10	100	62	24	122
4078 1120	12	100	62	24	130
4078 1140	14	100	62	24	135
4078 1170	17	100	62	26	140
4078 1190	19	100	62	26	150

## ■ Screwdriver Bit Sockets Set (Hex)



- For hexagon socket screws
- Extra hard tips made of special steel
- The most important screwdriver sockets in one set in standard length (62 mm)
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With non-slip cross knurling
- MATADOR Super-Chrom for long-lasting rust protection
- In solid metal case, durable quality, black powder coated

- Standard: DIN 7422
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



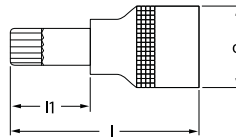
Art. Code	a mm	b mm	g
4078 9090	170	105	1200

4078 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 x 62 mm

## ■ Screwdriver Bit Sockets (XZN)



- For multi-point screws XZN
  - Extra hard tips made of special steel
  - In standard length (62 mm) or extra long for deep screw connections (100 mm)
  - For hand operation
  - Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
  - With non-slip cross knurling
  - MATADOR Super-Chrom for long-lasting rust protection
- Standard: DIN 2324
  - Material: Chrome Vanadium / tip made of special steel
  - Surface: Super-Chrom / tip manganese phosphated



Art. Code		l mm	l1 mm	d mm	g	
4079 0050	M5	62	24	24	89	10
4079 0060	M6	62	24	24	89	10
4079 0080	M8	62	24	24	90	10
4079 0100	M10	62	24	24	91	10
4079 0120	M12	62	24	24	95	10
4079 0140	M14	62	24	24	107	10
4079 0160	M16	62	24	24	121	10

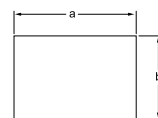
Art. Code		l mm	l1 mm	d mm	g	
4079 1050	M5	100	62	24	100	10
4079 1060	M6	100	62	24	103	10
4079 1080	M8	100	62	24	105	10
4079 1100	M10	100	62	24	108	10
4079 1120	M12	100	62	24	122	10
4079 1140	M14	100	62	24	130	10
4079 1160	M16	100	62	24	135	10
4079 1180	M18	100	62	24	140	10



## ■ Screwdriver Bit Sockets Set (XZN)



- For multi-point screws XZN
  - Extra hard tips made of special steel
  - The most important screwdriver sockets
  - For hand operation
  - Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
  - With non-slip cross knurling
  - MATADOR Super-Chrom for long-lasting rust protection
  - In solid metal case, durable quality, black powder coated
- Standard: DIN 2324
  - Material: Chrome Vanadium / tip made of special steel
  - Surface: Super-Chrom / tip manganese phosphated



Art. Code		a mm	b mm	g	
4079 9070	4	170	105	1200	1

4079 M5 - M6 - M8 - M10 - M12 x 62 mm  
M8 - M10 x 100 mm

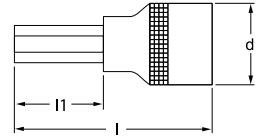


## ■ Screwdriver Bit Sockets (RIBE®)



- For multi-spline screws RIBE®
- Extra hard tips made of special steel
- For hand operation
- With ball locking device
- With non-slip cross knurling
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174

- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	l mm	l1 mm	d mm	g	
4080 0050 M5	62	24	24	88	10
4080 0060 M6	62	24	24	88	10
4080 0080 M8	62	24	24	89	10
4080 0100 M10	62	24	24	89	10
4080 0120 M12	62	24	24	90	10
4080 0140 M14	62	24	24	91	10
4080 0160 M16	62	24	24	95	10

## ■ Screwdriver Bit Sockets (TORX®)



- For recessed TORX® screws
- Extra hard tips made of special steel
- In standard length (62 mm) or extra long for deep screw connections (100 mm)
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174

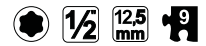
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



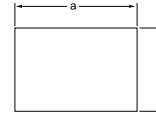
Art. Code	l mm	l1 mm	d mm	g	
4092 0200 T20	62	24	24	59	10
4092 0250 T25	62	24	24	84	10
4092 0270 T27	62	24	24	86	10
4092 0300 T30	62	24	24	88	10
4092 0400 T40	62	24	24	89	10
4092 0450 T45	62	24	24	90	10
4092 0500 T50	62	24	24	91	10
4092 0550 T55	62	24	24	94	10
4092 0600 T60	62	24	26	104	10
4092 0700 T70	62	24	26	110	10
4092 0800 T80	62	24	26	120	10

Art. Code	l mm	l1 mm	d mm	g	
4092 1200 T20	100	62	24	95	10
4092 1250 T25	100	62	24	100	10
4092 1270 T27	100	62	24	105	10
4092 1300 T30	100	62	24	112	10
4092 1400 T40	100	62	24	115	10
4092 1450 T45	100	62	24	115	10
4092 1500 T50	100	62	24	120	10
4092 1550 T55	100	62	24	123	10
4092 1600 T60	100	62	26	130	10
4092 1700 T70	100	62	26	135	10
4092 1800 T80	100	62	26	138	10

## Screwdriver Bit Sockets Set (TORX®)



- For recessed TORX® screws
- Extra hard tips made of special steel
- The most important screwdriver sockets in one set in standard length (62 mm)
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With non-slip cross knurling
- MATADOR Super-Chrom for long-lasting rust protection
- In solid metal case, durable quality, black powder coated
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



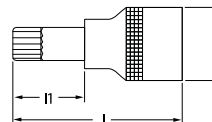
Art. Code	a mm	b mm	g	
4092 9090	170	105	1100	1

4092 T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 x 62 mm

## Screwdriver Bit Sockets (TORX® with pilot)



- For recessed TORX® screws with pilot
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With non-slip cross knurling
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



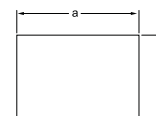
Art. Code		l mm	l1 mm	d mm	g	
4093 0200	TR20	62	24	24	59	10
4093 0250	TR25	62	24	24	84	10
4093 0270	TR27	62	24	24	86	10
4093 0300	TR30	62	24	24	88	10
4093 0400	TR40	62	24	24	89	10
4093 0450	TR45	62	24	24	90	10
4093 0500	TR50	62	24	24	91	10
4093 0550	TR55	62	24	24	94	10
4093 0600	TR60	62	24	26	104	10
4093 0700	TR70	62	24	26	110	10
4093 0800	TR80	62	24	26	120	10



## Screwdriver Bit Sockets Set (TORX® with pilot)



- For recessed TORX® screws with pilot
- Extra hard tips made of special steel
- For hand operation
- Square drive acc. to DIN 3120 - C 12.5 / ISO 1174
- With non-slip cross knurling
- In solid metal case, durable quality, black powder coated
- Material: Chrome Vanadium / tip made of special steel
- Surface: Super-Chrom / tip manganese phosphated



Art. Code	a mm	b mm	g	
4093 9090	170	105	1100	1

4093 T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 x 62 mm

# MATADOR Socket Sets 12.5 mm (1/2").

In solid metal case.



12.5 mm  
1/2"

**METAL**

In solid metal case, durable quality, black powder coated.



**MFS** MATADOR FOAM SYSTEM.

With black foam inlay, resistant against oil and lubricants.



## Socket Sets 12.5 (1/2)



Art. Code		a mm	b mm	g	
4114 9230		445	185	4400	1
4114 9231		445	185	4400	1

		4061			
		4064	300 mm		
		4065	125, 250 mm		
		4068			
		4075	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 23 - 24 - 27 - 30 - 32 mm		

## Socket Sets PRO 6.3 (1/4) / 12.5 (1/2)



Art. Code		a mm	b mm	g	
4118 9230		445	185	5800	1
4118 9231		445	185	5800	1

		2061			
		2065	50 mm		
		2068			
		2073	150 mm		
		2075	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm		
		2076	4 - 5.5 - 7 x 32 mm		
		2077	PH 1 - PH 2 x 32 mm		
		2077	PZ 1 - PZ 2 x 32 mm		
		2078	3 - 4 - 5 - 6 - 8 x 32 mm		
		2090	E4 - E5 - E6 - E8		
		2092	T10 - T15 - T20 - T25 - T27 - T30 x 32 mm		
		4061			
		4065	125, 250 mm		
		4068			
		4075	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 23 - 24 - 27 - 30 - 32 mm		

# MATADOR practical add-ons.

In solid metal case.



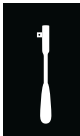
**MFS** MATADOR  
FOAM SYSTEM.

With black foam inlay,  
resistant against oil and  
lubricants.

**METAL**

In solid metal case, durable  
quality, black powder coated.

- T8 - T60
- E4 - E24



12,5  
mm  
1/2

## Socket Sets 12.5 (1/2), long type



Art. Code						a mm	b mm	g	
4181 9170						445	185	3800	1
4181 9171						445	185	3800	1
						4081	10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 22 - 24 - 27 30 - 32 x 80 mm		
						4081	16 - 18 - 20,8 mm		

## Screwdriver Sockets Set (TORX<sup>®</sup>)



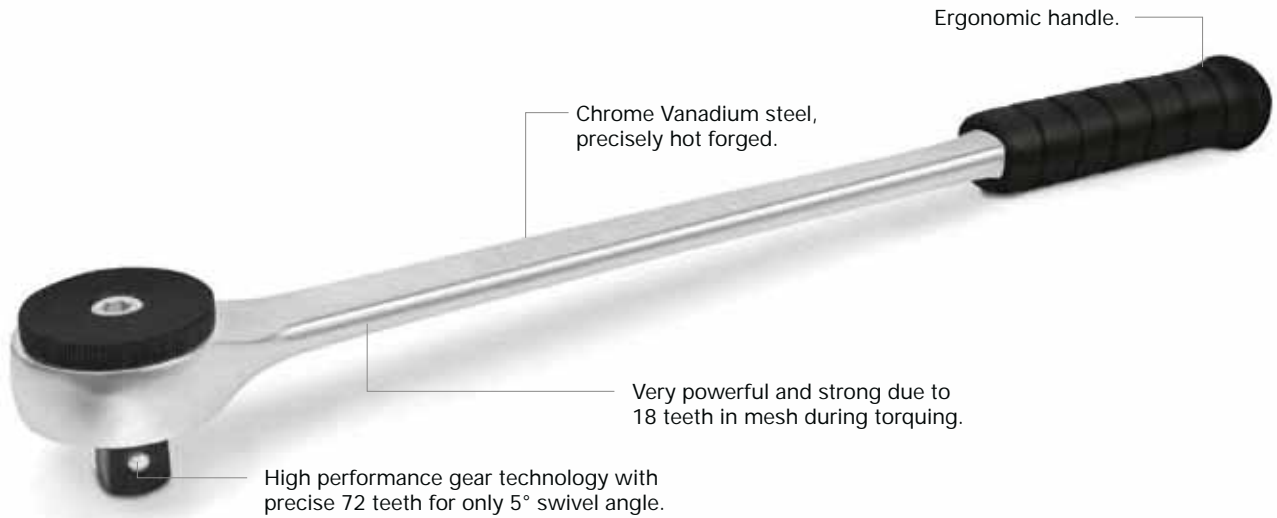
Art. Code								a mm	b mm	g	
4192 9310								315	115	3400	1
								2090	E4 - E5 - E6 - E7 - E8 - E10 - E11		
								2092	T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 x 32 mm		
								4090	E12 - E14 - E16 - E18 - E20 - E22 - E24		
								4092	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 x 62 mm		





# Reversible Ratchet with 20 mm (3/4") drive. 1 600 N·m torque and 72 tooth mechanism.

For heavy maintenance in industry and workshop.

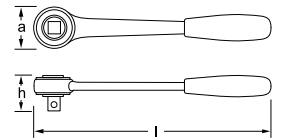


## ■ Reversible Ratchet (72 T)



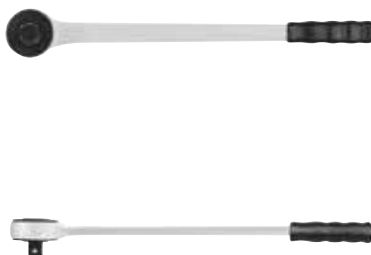
- With non-slip metal disc change
- Fine-toothed with 72 teeth
- For hand-operated sockets and accessories with locking pin
- Standards: DIN 3122 / ISO 3315

- Material: Chrome Vanadium
- Surface: Matt chrome finish



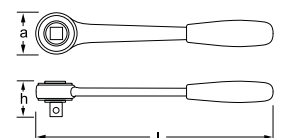
Art. Code	mm	"	l mm	a mm	h mm	g	
5060 0001	20	3/4	510	65	60	2050	5
5060 0010	Repair Kit					450	1

## ■ Push-Through Ratchet



- Classical Push-Through ratchet
- Robust toothing with 36 teeth
- For hand-operated sockets and adapters
- Square as per DIN 3120 - C 20 / ISO 1174
- Square coupler as per DIN 3120 - A 20
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Matt chrome finish



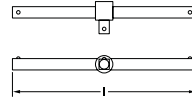
Art. Code	mm	"	l mm	a mm	h mm	g	
5062 0001	20	3/4	510	65	60	1850	5
5062 0002	20	3/4	52	19	19	140	1
5062 0010	Repair kit					450	1
5062 0012	Repair kit for 50620015					450	1

## Sliding T-Handle

**3/4 20**

- Can be used as T- or L-Handle, with sliding square drive
- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 20 / ISO 1174

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Super-Chrom



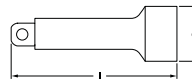
Art. Code	mm	"	l mm	g	
5064 0001	20	3/4	505	1420	5

## Extensions

**3/4 20 3/4 20**

- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 20 and D 20 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



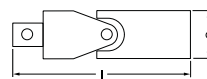
Art. Code	mm	"	mm	"	d mm	l mm	l" mm	g	
5065 0001	20	3/4	20	3/4	36	200	8	650	5
5065 0002	20	3/4	20	3/4	36	400	16	1150	5

## Universal Joint

**3/4 20 3/4 20**

- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 20 and D 20 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



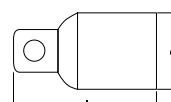
Art. Code	mm	"	mm	"	d mm	l mm	g	
5068 0001	20	3/4	20	3/4	40	105	550	5

## Reducer

**1/2 12.5 3/4 20**

- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 20 and D 20 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	g	
5082 0001	12.5	1/2	20	3/4	40	55	210	5

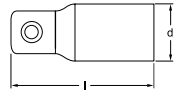
**Converter**

**1** **25 mm** **3/4** **20 mm**



- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 20 and D 25 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



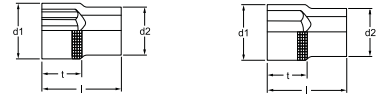
Art. Code	mm	"	mm	"	d mm	l mm	g
5083 0001	25	1	20	3/4	38	63	370

**Sockets**

**SMART DRIVE** **12** **6** **3/4** **20 mm**

- For hexagon head screws
- For hand operation with locking pin
- Square drive acc. to DIN 3120 - D 20 / ISO 1174
- With six point or double six point profile
- With MATADOR SmartDrive profile
- Standard: DIN 3124 / ISO 2725-1

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g
5075 0190	19	5075 1190	19	19	50	30	36	210
5075 0220	22	5075 1220	22	19	50	33	36	220
5075 0240	24	5075 1240	24	20	50	35	36	220
5075 0270	27	5075 1270	27	24	52	38	36	230
5075 0300	30	5075 1300	30	26	54	42	38	290
5075 0320	32	5075 1320	32	27	56	44	38	300
5075 0330	33	5075 1330	33	27	56	44	40	350
5075 0340	34	5075 1340	34	27	56	47	42	370
5075 0360	36	5075 1360	36	28	58	50	42	430
5075 0380	38	5075 1380	38	28	60	52	45	490
5075 0410	41	5075 1410	41	31	64	56	45	540
5075 0460	46	5075 1460	46	33	68	62	48	630
5075 0500	50	5075 1500	50	35	72	68	48	840
5075 0550	55	5075 1550	55	35	76	74	48	870
5075 0600	60	5075 1600	60	35	78	80	48	950

Art. Code	"AF	t mm	l mm	d1 mm	d2 mm	g
5075 8001	7/8	14,0	50	32,2	36	200
5075 8002	15/16	16,5	51	34,2	36	200
5075 8003	1	16,5	52	37,0	36	250
5075 8004	1.1/16	22,0	52	38,0	36	260
5075 8005	1.3/16	24,0	54	42,0	36	280
5075 8006	1.1/4	24,0	56	44,0	36	320
5075 8007	1.3/8	26,0	58	48,0	38	350
5075 8008	1.7/16	28,0	58	50,0	38	420
5075 8009	1.1/2	28,0	60	52,0	38	460
5075 8010	1.5/8	30,0	64	56,0	40	490
5075 8011	1.13/16	32,0	66	62,0	42	650
5075 8012	1.7/8	34,0	68	64,0	42	670
5075 8013	2	34,0	70	68,0	42	700
5075 8014	2.1/16	36,0	72	70,0	45	750
5075 8015	2.1/4	40,0	76	76,0	45	820



# MATADOR Socket Sets in 20 mm (3/4"). For trucks and heavy industry. In solid metal case.



**MFS** MATADOR  
FOAM SYSTEM.  
With black foam inlay,  
resistant against oil and  
lubricants.

**METAL**

In solid metal case, durable  
quality, black powder coated.



20  
mm  
3/4

## Socket Sets 20 (3/4)



## Socket Sets 20 (3/4)



Art. Code	Icons	a mm	b mm	g	Box
5142 9140	14 MM SMART DRIVE 6	575	220	12700	1
	20 3/4				
	20 3/4				
	12.5 1/2				

Art. Code	Icons	a mm	b mm	g	Box
5143 9160	16 MM SMART DRIVE 6	575	220	13500	1
5143 9161	16 MM SMART DRIVE 12	575	220	13500	1
5143 9163	16 MM SMART DRIVE 6	575	220	13500	1
5143 9164	16 MM SMART DRIVE 12	575	220	13500	1
	20 3/4				
	20 3/4				
	12.5 1/2				

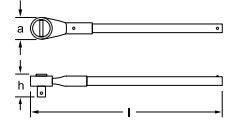
## ■ Reversible Ratchet

60° 1 25 mm



- Fine-toothed with 60 teeth
- For hand-operated sockets
- With push-fit bar handle

- Standards: DIN 3122 / ISO 3315
- Material: Chrome Vanadium
- Surface: Matt chrome finish



Art. Code	mm	"	l mm	a mm	h mm	g
6060 0001	25	1	610	70	72	3370
6060 0010	Repair Kit					300

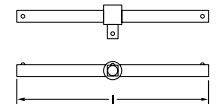
## ■ Sliding T-Handle

1 25 mm



- Can be used as T- or L-Handle, with sliding square drive
- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 25 / ISO 1174
- Standards: DIN 3122 / ISO 3315

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	l mm	g
6064 0001	25	1	550	3250

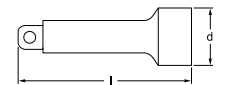
## ■ Extensions

1 25 mm 1 25 mm



- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 25 and D 25 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	"	mm	"	d mm	l mm	l"	g
6065 0001	25	1	25	1	48	200	3	1150
6065 0002	25	1	25	1	48	400	5	1900

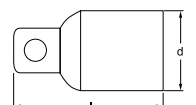
## ■ Reducer

3/4 20 mm 1 25 mm



- With locking pin
- For hand-operated sockets and adapters with locking pin
- Square acc. to DIN 3120 - B 25 and D 20 / ISO 1174
- Standards: DIN 3123 / ISO 3316

- Material: Chrome Vanadium
- Surface: Super-Chrom

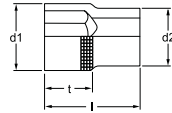


Art. Code	mm	"	mm	"	d mm	l mm	g
6082 0001	20	3/4	25	1	48	63	450

## ■ Sockets (MM)



- For hexagon head screws
- For hand operation with locking pin
- Square drive acc. to DIN 3120 - D 25 / ISO 1174
- With double six point profile
- Standard: DIN 3124 / ISO 2725-1
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	t mm	l mm	d1 mm	d2 mm	g
6075 0360	36	28	65	54	50	650
6075 0410	41	32	69	60	51	750
6075 0460	46	34	75	69	52	900
6075 0500	50	34	75	71	54	1000
6075 0550	55	40	82	77	57	1100
6075 0600	60	42	84	84	57	1500
6075 0650	65	44	87	88	55	1600
6075 0700	70	48	93	94	60	1750
6075 0750	75	52	97	102	60	2100
6075 0800	80	54	103	105	68	2300



## ■ Socket Set 25 (1)



- For trucks and heavy industry
- All important tools in one set (up to 80 mm)
- In solid metal case

Art. Code	a mm	b mm	g
6144 9140	730	256	28500

6060  
 6064 640 mm  
 6065 200, 400 mm  
 6075 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm



## ■ Construction ratchet

- For construction areas
- With 19 x 22 mm
- Forged shaft
- With centre punch
- Material: Chrome Vanadium
- Surface: Super-Chrom



Art. Code	mm	l mm	g
6200 1922	19 x 22	310	500

