

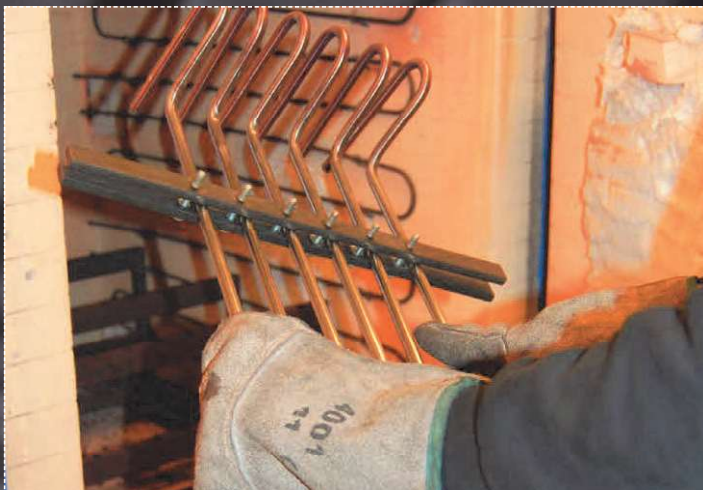
# HBC<sup>®</sup> system

A PDR tool  
from HBC system  
is not just any tool!

CNC in-house tool production



TOOL dipping of plastic handles



All HBC tools are heat treated



Laser cutter



## Bending process

The HBC system PDR production line is equipped with high-tech machinery including 3D bending machinery. The production is solely based on the latest technology and years of experience. Steel is ordered in coils from leading steel manufactures after the required steel recipe, that is needed to obtain the right strength and rust protection. When the tools leave our production, they are ready to serve the technician for decades to come.



## Final polishing



## Final result



## Tool Tip Types

Magnetic Tip



Regular Tip



Sharp Tip



Knife Tip



Ball Tip



Whale Tail Tip

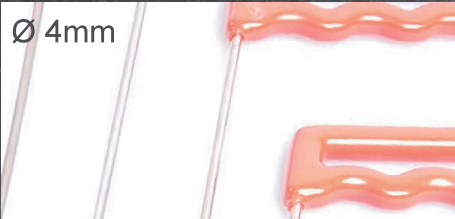


Flat Bar Tip



## Diameter Types

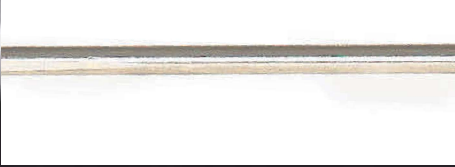
Ø 4mm



Ø 5mm



Ø 6mm



Ø 8 mm



Ø 10 mm



Ø 12 mm



## Handle Types

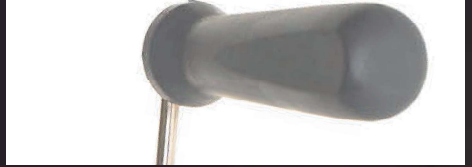
S Handle



O Handle



P Handle



H Handle



L5 Handle



L3 Handle





## Handle Colours

Red



Orange



Yellow



Black



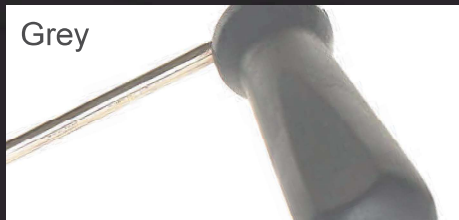
Blue



Green



Grey



### Produced by HBC system - Smarttool Production

We produce high-quality PDR tools at competitive prices. The PDR tools are available as both complete kits and as individual PDR tools. The product line includes a complete line of adjustable multi angle PDR tools and whale tail PDR tools.

### PDR smart repair tool kits and individual PDR tools

HBC system PDR tools are carefully designed for the professional PDR technician. Each tool size and design fits a logical sequence of application possibilities. Our PDR tools sets the standard for the industry practices and conditions in the automotive industry with the ergonomics and working ranges required by the dent technician.

### PDR production line and custom made PDR tools

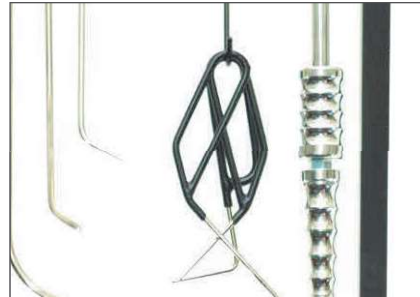
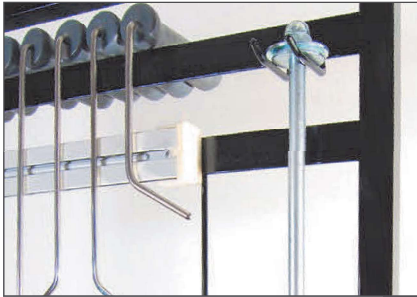
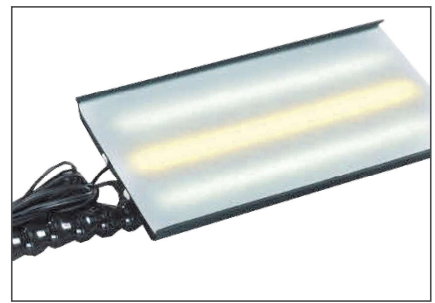
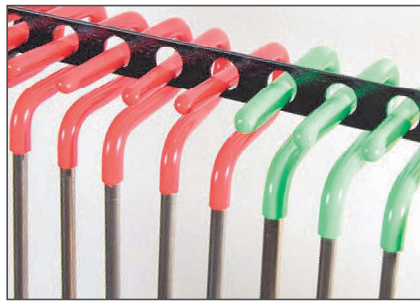
The HBC system PDR production line is equipped with high-tech machinery including 3D bending machinery. The production is solely based on the latest technology and many years of experience. Steel is ordered in coils from leading steel manufactures after the required recipe, that is needed to obtain the right strength und rust protection. When each tool leaves our production, it is ready to serve the technician for decades to come. Test after test proves that HBC tools meet your expectations year after year.

### Custom PDR TOOL Design service. Design you own special PDR tool

Our metal production department produces CUSTOM PDR TOOLS. You simply design your own special PDR tool and we produce it according to your exact wishes and specifications.

PDR TOOLS MANUFACTURED BY HBC SYSTEM





## PDR PROF TROLLEY

For Dent Specialists

Metal cabinet Trolley  
 PDR rack  
 All necessary tools included.  
 System G30:  
 30 tools PDR kit  
 Slidehammer kit Proff  
 12V LED Dent Lamp w/ suction-cup  
 Tool support vacuum  
 Adjustable door kit 3pcs.  
 Whale tail tool kit 4pcs.  
 PDR hammer  
 Special T-Tool  
 Flat bar tool, bendable  
 Premium sanding pads: 1500, 2000, 3000  
 Part no. 00.654

## PDR TROLLEY

Workshop Solution

Metal cabinet Trolley  
 PDR rack  
 All necessary tools included.  
 System G30:  
 30 tools PDR kit  
 Slidehammer standard kit Proff  
 12V LED Dent Lamp w/ suction-cup  
 Tool support vacuum  
 Part no. 00.653





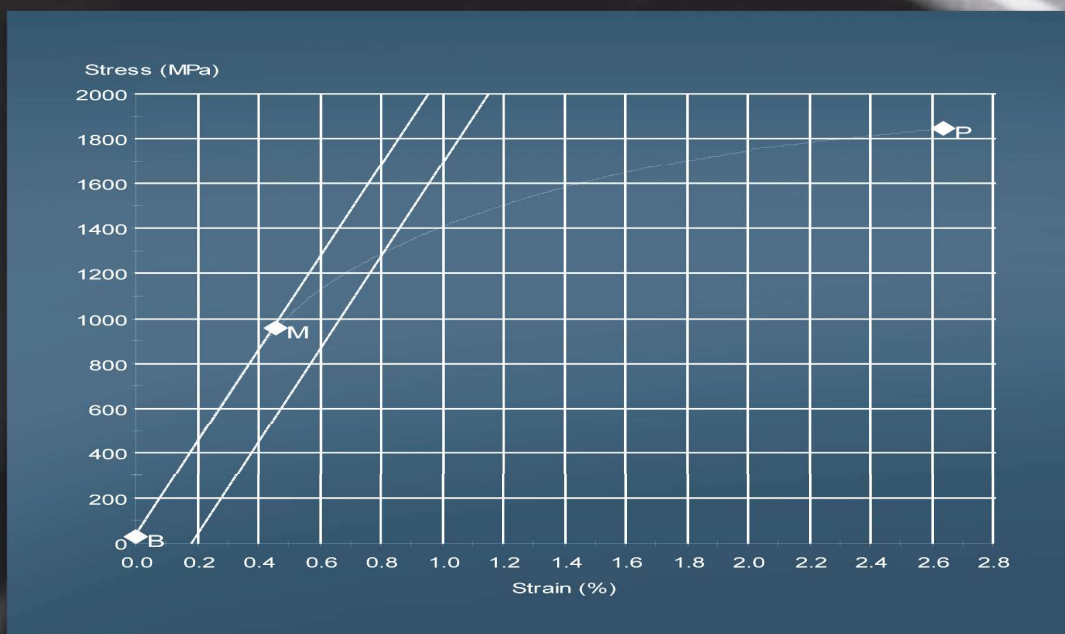
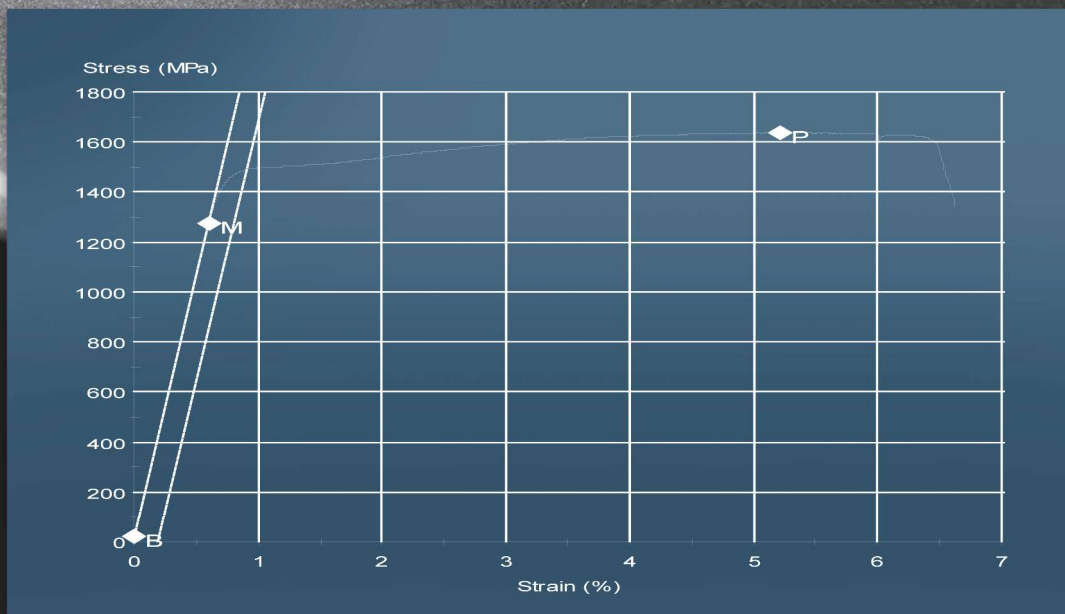
## HBC system PDR Steel

The HBC system PDR production line uses several different kinds of high carbon steel qualities to produce our PDR tools, and multiple quality control tests have determined that our material exceeds the stainless steel tools in strength.

The high quality carbon stainless steel is a costly and hard tempered spring steel. The process of the heat treated PDR tools has been developed over years and is the highest quality in the world.

Metal laboratories and PDR technicians all over the world have performed millions of quality tests in order to ensure a production of the highest quality possible.

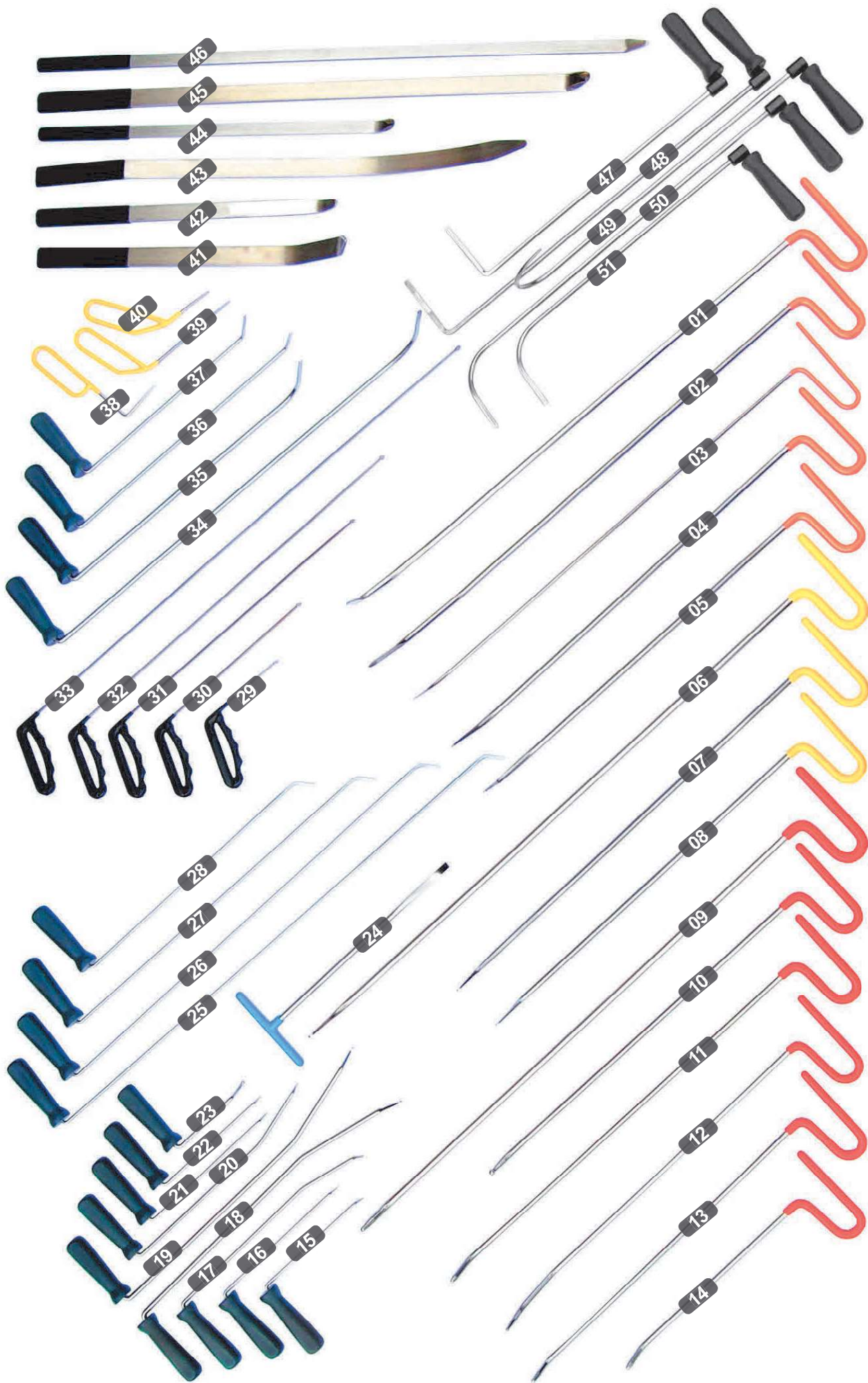
**The PDR tools from HBC system are tested and approved by car manufacturers and PDR technicians worldwide.**



PDR TOOLS MANUFACTURED BY HBC SYSTEM  
**TESTED TO PERFECTION**



G-Master - 51 PDR Tool Kit



52





### HBC system introduces a new System G Master 51 tool kit

This kit is especially designed for the PDR technician with high demands on variety of tools. It includes all basic leverage and twister tools and additional tools such as whale tail, mini twister, adjustable tools and the various (bendable) bars. All tips are made by CNC and have the same color of handle corresponding the tip of the tool. As usual all HBC tools are heat treated, needed to give them the required strength and to meet your high expectation of professional PDR tools.

Hail or parking damages will no longer be an issue with this complete 51 tools kit, but in case additional tools are required there's always a possibility to send us a drawing of the needed tools and we can produce the tool according to your specifications. Market leading car producers such as Mercedes, Porsche and Volvo have chosen HBC system PDR tools in order to have the best tools suitable for the removal of small dents in both production line as well as customer cars and second hand cars.

- As a standard all HBC system PDR tools have lifetime warranty.



PDR TOOLS MANUFACTURED BY HBC SYSTEM

## G-MASTER - 51 PDR TOOL KIT

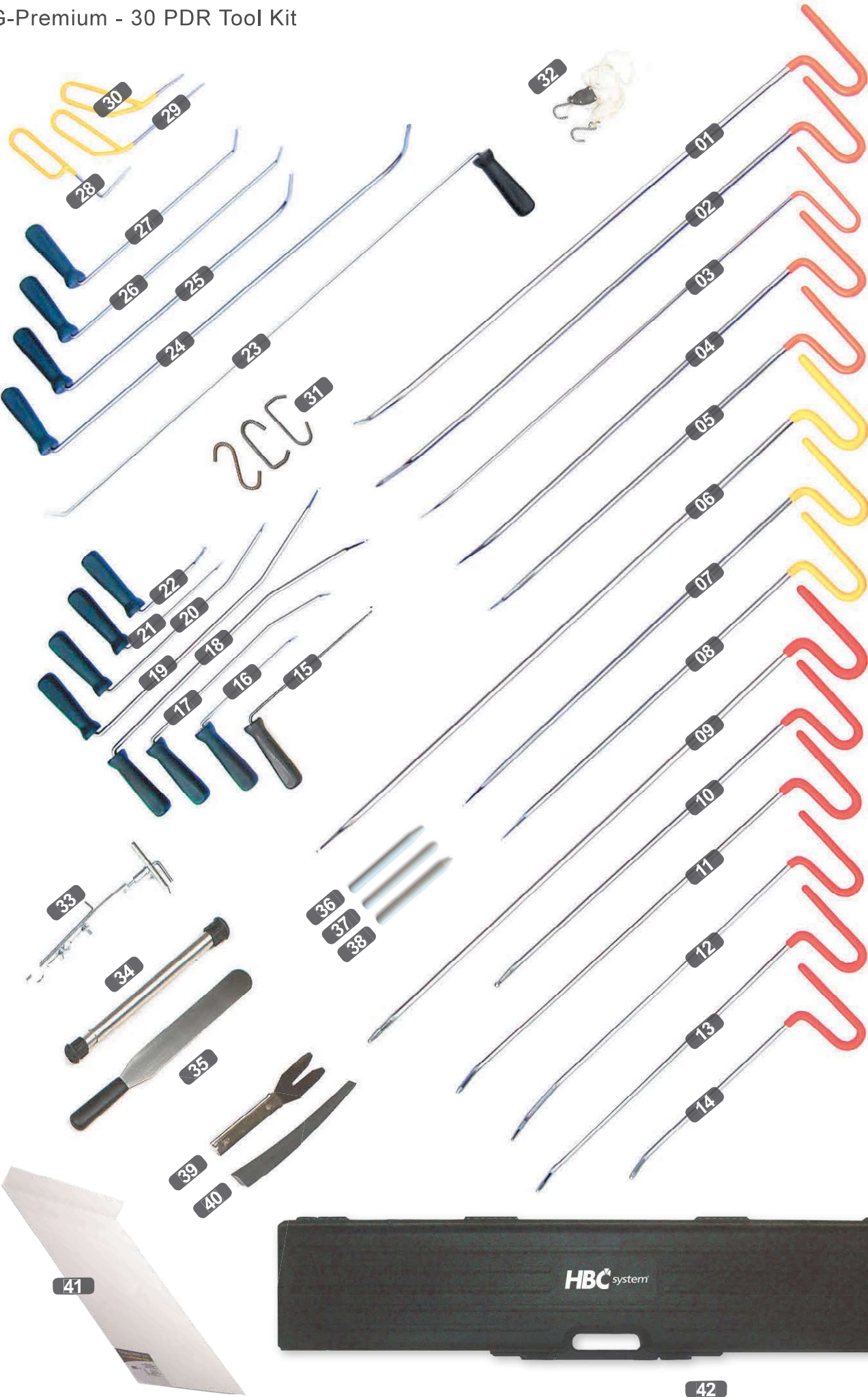
### Complete System G - Master 51 Kit

Part no. 00.700

01	00.415	Dent Tool 12x970mm	27	00.434	Dent tool 5 x 850mm
02	00.409	Dent Tool 10x920mm	28	00.435	Dent tool 5 x 700 mm
03	00.421	Dent Tool 6x835mm	29	13301	Whale-Tail-Tool, 150mm
04	00.416	Dent Tool 10x770mm	30	13302	Whale-Tail-Tool, 305mm
05	00.401	Dent Tool 10x685mm	31	13303	Whale-Tail-Tool, 510mm
06	00.420	Dent Tool 12x1075mm	32	13304	Whale-Tail-Tool, 660mm
07	00.410	Dent Tool 10x750mm	33	13305	Whale-Tail-Tool, 920 mm
08	00.403	Dent Tool 10x685mm	34	00.404	Dent Tool 8x765mm R
09	00.417	Dent Tool 12x985mm	35	00.412	Dent Tool 8x485mm R
10	00.430	Dent Tool 10x680mm	36	00.429	Dent Tool 6x455mm R
11	00.402	Dent Tool 10x780mm	37	00.427	Dent Tool 6x365mm R
12	00.411	Dent Tool 10x640mm	38	00.428	Dent Tool 5x190mm
13	00.418	Dent Tool 10x630mm	39	00.408	Dent Tool 5x255mm
14	00.419	Dent Tool 10x430mm	40	00.425	Dent Tool 5x180mm
15	00.407	Dent Tool 5x225mm L	41	99FB-555-30-5	Flatbar 555x30x5
16	00.432	Dent tool 5 x 340 mm	42	99FB-500-25-5	Flatbar 500x25x5mm
17	00.405	Dent Tool 6x380mm L	43	99FB-825-30-5	Flatbar 825x30x5mm
18	00.423	Dent Tool 8x560mm L	44	99FB-590-20-5	Flatbar 590x20x5mm
19	00.424	Dent Tool 8x560mm R	45	99FB-890-30-5	Flatbar 890x30x5mm
20	00.406	Dent Tool 6x380mm R	46	99FB-990-20-5	Flatbar 990x20x5mm
21	00.431	DentTool 5x340 mm	47	00.500	Door tool, type 3, 450mm
22	00.422	Dent Tool 5x225mm R	48	00.501	Door tool, type 3, 620mm
23	00.414	Dent Tool 6x160mm R	49	00.497	Door tool, type 1, 520mm
24	99S-310	Special T-Tool	50	00.499	Door tool, type 2, 620mm
25	00.413	Dent Tool 5x1150mm	51	00.498	Door tool, type 2, 450mm
26	00.433	Dent Tool 5x825mm	52	00.121	G Box, 2 pcs



G-Premium - 30 PDR Tool Kit







PDR TOOLS MANUFACTURED BY HBC SYSTEM

# G-PREMIUM - 30 PDR TOOL KIT

## Complete System G - Premium 30 Kit

part no. 00.400

01	00.415	Dent Tool 12x970mm	22	00.414	Dent Tool 6x160mm R
02	00.409	Dent Tool 10x920mm	23	00.413	Dent Tool 5x825mm
03	00.421	Dent Tool 6x835mm	24	00.404	Dent Tool 8x765mm R
04	00.416	Dent Tool 10x770mm	25	00.412	Dent Tool 8x485mm R
05	00.401	Dent Tool 10x685mm	26	00.429	Dent Tool 6x455mm R
06	00.420	Dent Tool 12x1075mm	27	00.427	Dent Tool 6x365mm R
07	00.410	Dent Tool 10x750mm	28	00.428	Dent Tool 5x190mm
08	00.403	Dent Tool 10x685mm	29	00.408	Dent Tool 5x255mm
09	00.417	Dent Tool 12x985mm	30	00.425	Dent Tool 5x180mm
10	00.430	Dent Tool 10x680mm	31	00.450	Hooks : Flat, Round & Small
11	00.402	Dent Tool 10x780mm	32	00.454	K ratchet
12	00.411	Dent Tool 10x640mm	33	00.444	Jammer
13	00.418	Dent Tool 10x630mm	34	00.441	Hood Support 2 stage telescope
14	00.419	Dent Tool 10x430mm	35	00.442	Mastic Cutter 12"
15	00.426	Dent Tool 5x315mm R	36	00.446	Knock down punch (Flat)
16	00.407	Dent Tool 5x225mm L	37	00.447	Knock down punch (Round)
17	00.427	Dent Tool 6x365mm R	38	00.448	Knock down punch (Normal)
18	00.425	Dent Tool 5x180mm	39	00.443	Hood pad clip remover
19	00.428	Dent Tool 5x190mm	40	00.449	Window Wedge
20	00.408	Dent Tool 5x255mm	41	00.445	Window Guard
21	00.422	Dent Tool 5x225mm R	42	00.121	G Box



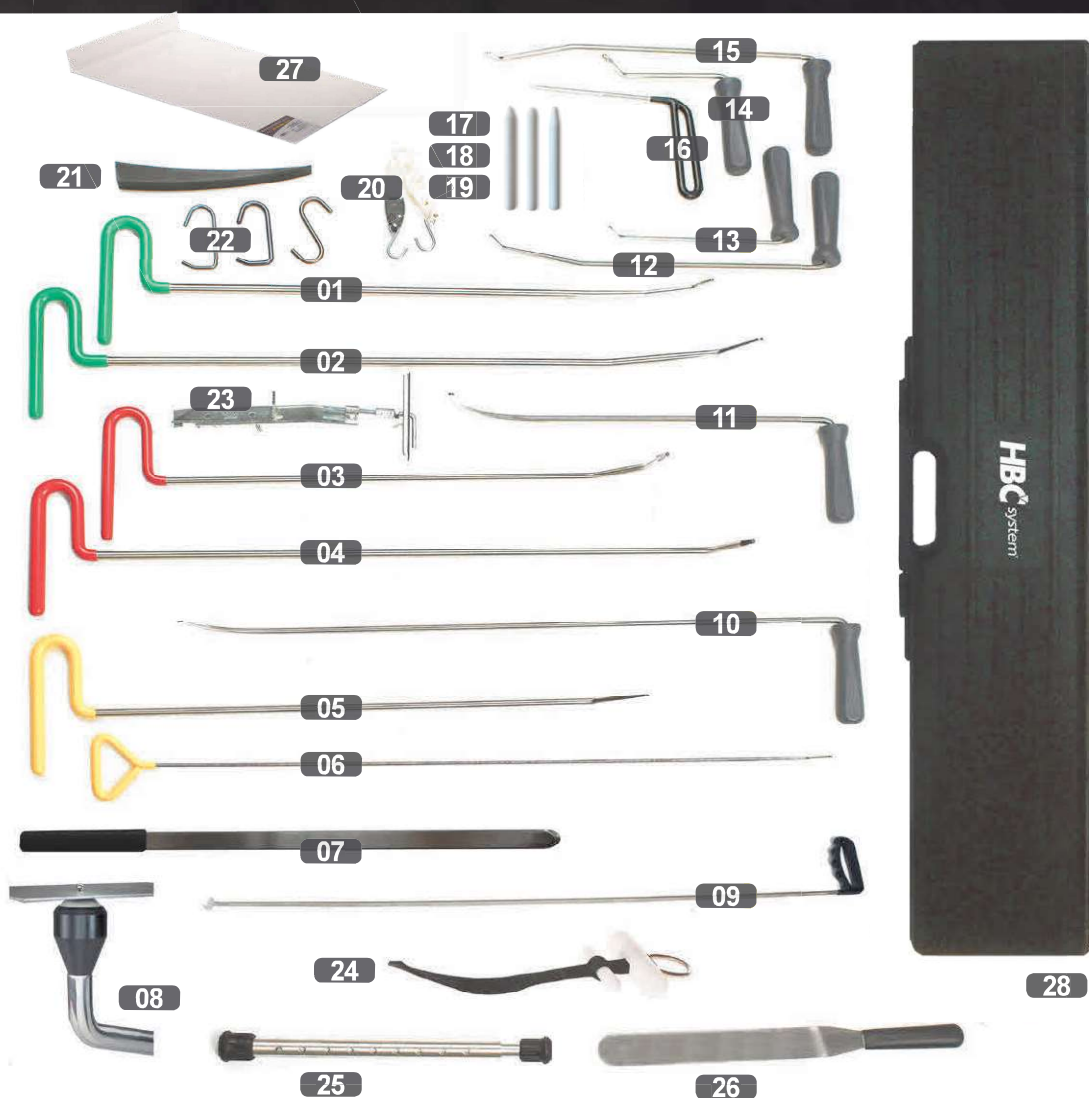
PDR TOOLS MANUFACTURED BY HBC SYSTEM

## G-Magnetic & PDR - 16 PDR Tool Kit

### Complete System G - Magnetic & PDR 16 Kit

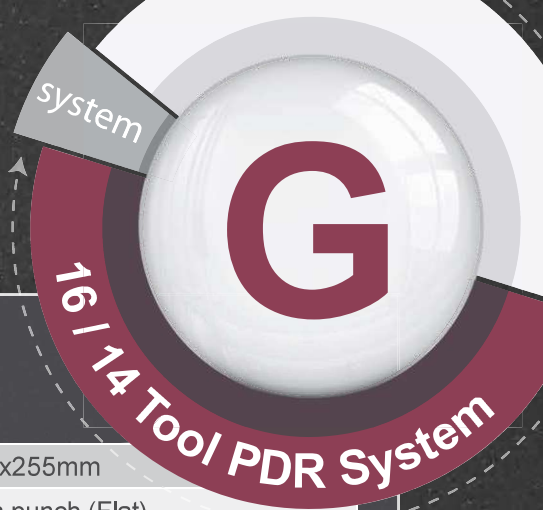
Part no. 13.981

01	00.401	Dent Tool 10x685mm	15	00.406	Dent Tool 6x380mm R
02	00.410	Dent Tool 10x750mm	16	00.408	Dent Tool 5x255mm
03	00.411	Dent Tool 10x640mm	17	00.446	Knock down punch (Flat)
04	00.402	Dent Tool 10x780mm	18	00.447	Knock down punch (Round)
05	00.403	Dent Tool 10x685mm	19	00.448	Knock down punch (Normal)
06	00.413	Dent Tool 5x825mm	20	00.454	K-Ratchet
07	99-890	Bendable flat bar, 30mm-5mm	21	00.449	Window Wedge
08	13999	Magnetic PDR Tool	22	00.450	Hooks : Flat, Round & Small
09	13304	Whale-Tail-Tool, 660mm	23	00.444	Jammer
10	00.404	Dent Tool 8x765mm R	24	13980	Tool Support
11	00.412	Dent Tool 8x485mm R	25	00.441	Hood Support
12	00.405	Dent Tool 6x380mm L	26	00.442	Mastic Cutter 12"
13	00.407	Dent Tool 5x225mm L	27	00.445	Window guard
14	00.414	Dent Tool 6x160mm R	28	00.121	G-Box





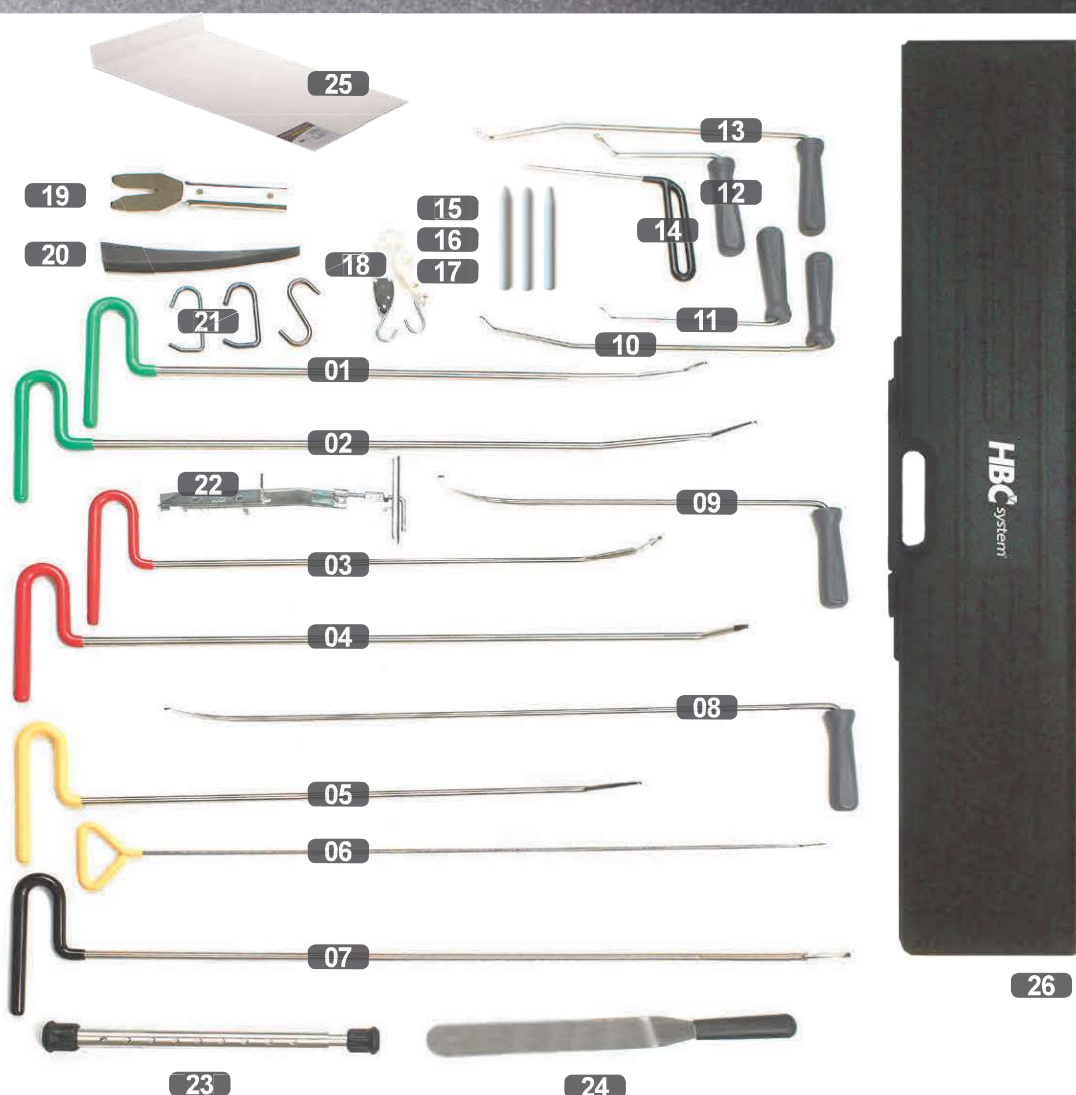
# G-Basic - 14 PDR Tool Kit



## Complete System G - Basic 14 Kit

Part no. 00.399

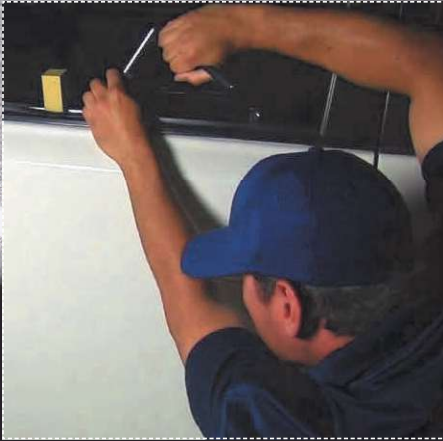
01	00.401	Dent Tool 10x685mm	14	00.408	Dent Tool 5x255mm
02	00.410	Dent Tool 10x750mm	15	00.446	Knock down punch (Flat)
03	00.411	Dent Tool 10x640mm	16	00.447	Knock down punch (Round)
04	00.402	Dent Tool 10x780mm	17	00.448	Knock down punch (Normal)
05	00.403	Dent Tool 10x685mm	18	00.454	K-Ratchet
06	00.413	Dent Tool 5x825mm	19	00.443	Hood pad clip remover
07	00.409	Dent Tool 10x920mm	20	00.449	Window Wedge
08	00.404	Dent Tool 8x765mm R	21	00.450	Hooks : Flat, Round & Small
09	00.412	Dent Tool 8x485mm R	22	00.444	Jammer
10	00.405	Dent Tool 6x380mm L	23	00.441	Hood Support
11	00.407	Dent Tool 5x225mm L	24	00.442	Mastic Cutter 12"
12	00.414	Dent Tool 6x160mm R	25	00.445	Window guard
13	00.406	Dent Tool 6x380mm R	26	00.121	G-Box





PDR TOOLS MANUFACTURED BY HBC SYSTEM

## Magnetic PDR systems



**NEW Magnetic PDR Roller Tip**  
**Making PDR work work accessible**  
**to everyone. Essential training tool**

### **Magnetic Get Started    Part no. 13.985**

complete kit including door bar and extensions for 9 bar combinations.  
Includes 3 bars, 2 tip sizes, suction cup line board, wedge, hooks,  
hammer, punch, 2 extensions, 10 surface bbs and full instructions.





## G-Magnetic tool



**Magnetic PDR Roller Tip tool is a significant improvement especially in training purposes for the non-experienced PDR technician**

### **Magnetic PDR Tool    Part no. 13999**

The training of eye-hand coordination is one of the most difficult exercises when training Paintless Dent Repair (PDR). Trainees often spend several hours or days before they can find the exact location of the tip of the tool.

HBC system has managed to find a solution for this issue by producing a PDR training tool with a magnetic tip. A steel ball on top of the panel follows the tip wherever it goes which makes it much easier to find the exact location of the tip of the tool.

#### **Technical specifications**

- Plastic handle / Black
- Heat treated steel
- Length 80 cm
- Ø 10mm
- Magnetic tip system including 4pcs. steel balls
- Ready for delivery



## Whale tails, flatbars, special tools

### 13300 Whale Tail-System (4 Tools, 13301, 13302, 13303, 13304)

- 13301 Whale-Tail-Tool, 150mm long straight
- 13302 Whale-Tail-Tool, 305mm long straight
- 13303 Whale-Tail-Tool, 510mm long straight
- 13304 Whale-Tail-Tool, 660mm long straight
- 13305 Whale-Tail-Tool, 920mm long straight
- 13306 Whale-Tail-Tool, for sunroof, 180°



99-800mm-10mm-S-Green

99-620-10-S-Blue Tree Special tip.





13.100 Mini twister kit



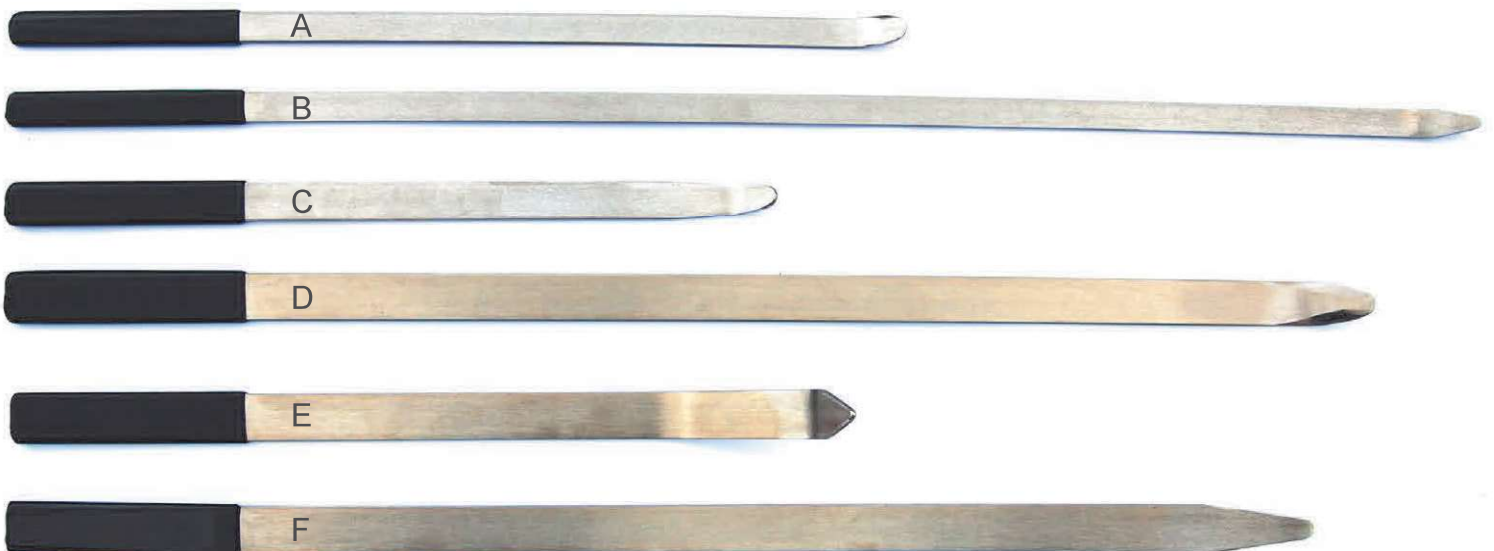
99S-310mm Special T tool



99-250mm-5mm-G-Left

99-250mm-5mm-G-Right

- |    |               |                    |
|----|---------------|--------------------|
| A. | 99FB-590-20-5 | Flatbar 590x20x5mm |
| B. | 99FB-990-20-5 | Flatbar 990x20x5mm |
| C. | 99FB-500-25-5 | Flatbar 500x25x5mm |
| D. | 99FB-890-30-5 | Flatbar 890x30x5mm |
| E. | 99FB-555-30-5 | Flatbar 555x30x5   |
| F. | 99FB-825-30-5 | Flatbar 825x30x5mm |





## Adjustable PDR tools / Accessories

### Multi adjustable handles

The multi adjustable handles allow the technician to quickly change the working position angle. Just one simple click, and the tool is ready to operate in the new angle. The steel is our standard specially heat treated, 8 mm, durable stainless steel.

**360°**  
adjustable



Lift handle

Twist handle

Click in position

- 00.497 PDR Door tool, type 1, 570mm
- 00.498 PDR Door tool, type 2, 490mm
- 00.499 PDR Door tool, type 2, 660mm
- 00.500 PDR Door tool, type 3, 475mm
- 00.501 PDR Door tool, type 3, 620mm
- 00.502 Adjustable door tool kit**  
00.497+00.498+00.500

#### Type 2

L:450 mm. D:8 mm Part no. 00.498

L:620 mm. D:8 mm Part no. 00.499

#### Type 3

L:450 mm. D:8 mm Part no. 00.500

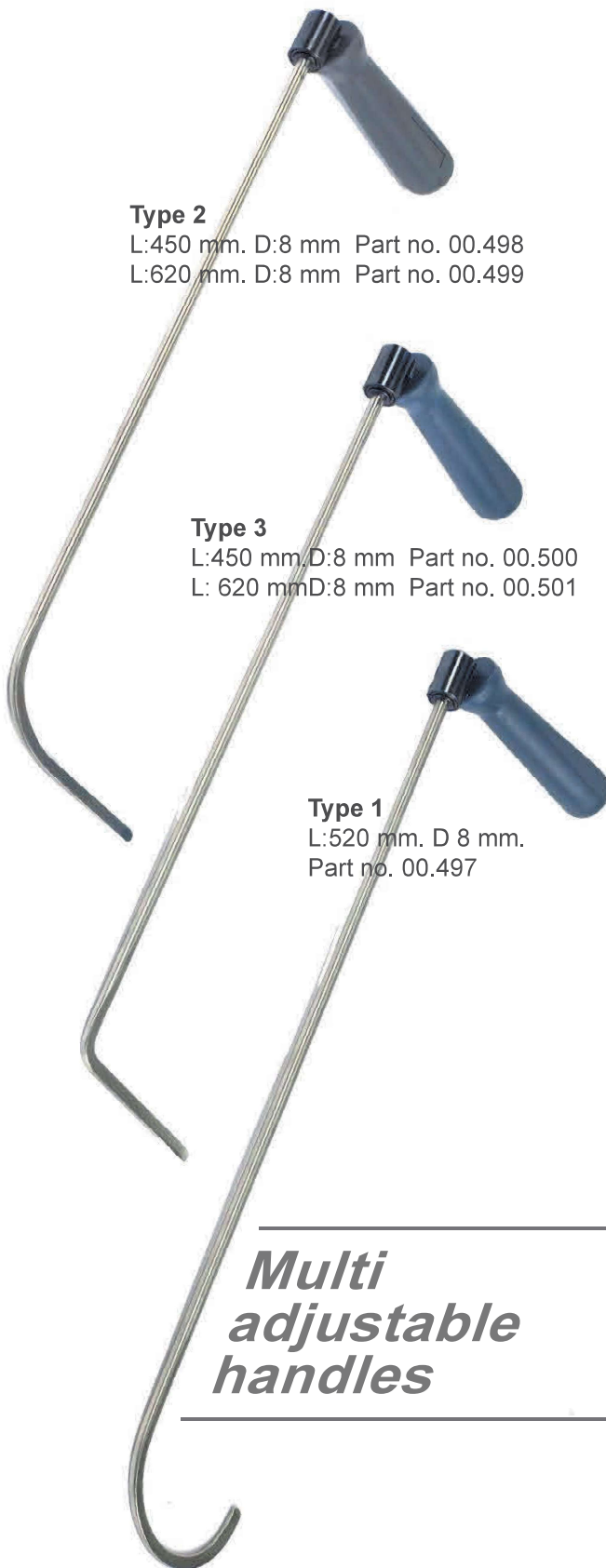
L: 620 mm D:8 mm Part no. 00.501

#### Type 1

L:520 mm. D 8 mm.

Part no. 00.497

**Multi  
adjustable  
handles**







00.442 Mastic cutter



00.441 Hood support



13998 Tool support, vacuum



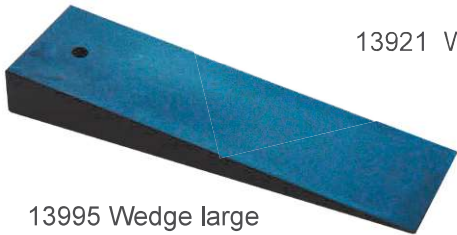
13980 Tool support



00.444 Jammer door fixator



13921 Wedge small



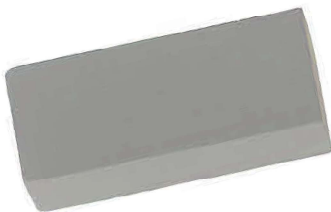
13995 Wedge large



00.449 Window Wedge



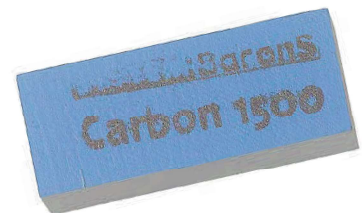
00.443 Hood pad clip remover



13971 Premium sanding pad 2000



13972 Premium sanding pad 3000



13970 Premium sanding pad 1500



00.454 K-Ratchet



00.445 Window guard



00.446-00.447-00.448  
knock down punch



13920 Steel core punch

## Air Bags

Air Bag 160mm x 160mm  
Part No. 439-20



Air Wedge  
Part No. 00.493



Air Bag set of 5pcs.  
Part No. 439-30

45mm x 190mm  
60mm x 190mm  
160mm x 160mm  
150mm x 130mm  
140mm x 140mm



Air Bag set of 2pcs. Long hose 1,8 Meter  
Part No. 493-40  
210mm x 210mm  
360mm x 210mm



# Hammers



13.991 Rubber PDR Hammer



99S-300-Steel polished hammer



13.600 Adjustable PDR training stand for hoods



13923 LED Dent Lamp (white/yellow) 12v  
w/ suction-cup and flexible "gooseneck"



**LED**

**CORDLESS LED**

13928 LED Dent lamp 12v  
Cordless with rechargeable lithium battery  
w/ suction-cup and flexible "gooseneck".

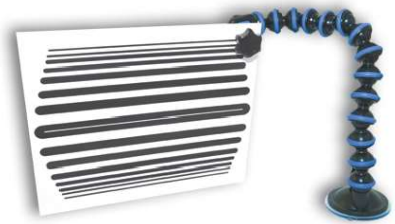


**LED**

**FLUORESCENT**

13443  
Fluorescent Dent Lamp 12v  
Portable stand w/ locking wheels - CHROME

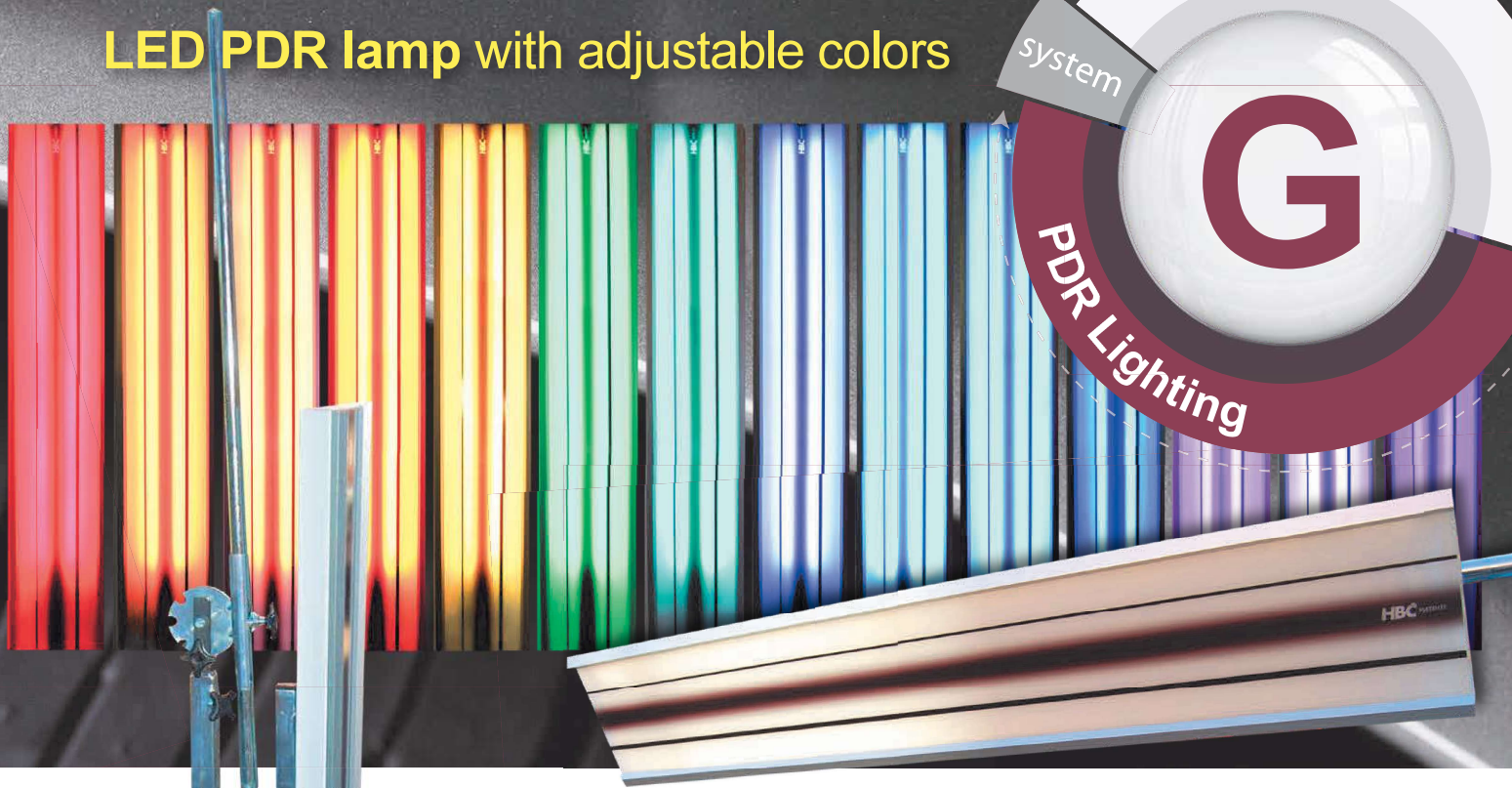
13443-1  
LED Dent Lamp w/ 3 LED strips (white and yellow) 12v  
Portable stand w/ locking wheels - CHROME



13926 Reflection board, Ø75mm  
Suction-cup & flexible "gooseneck"



## LED PDR lamp with adjustable colors



- 00.440-1 LED dent lamp w/ remote (12 Volt)  
00.436 LED dent lamp w/ remote (12 Volt) - Stand not included

Light colored panels can be difficult to check when using a standard PDR lamp with white light. To that end HBC system is introducing a new high-end PDR lamp.

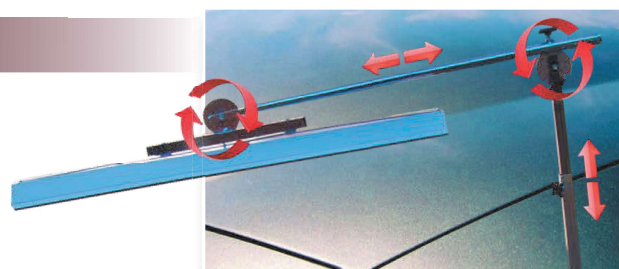
The main feature about this revolutionary PDR lamp is the possibility to adjust the intensity of the light as well as the color by remote control!



The lamp is 80 cm long, and it is mounted on a high-end adjustable frame. Since the lamp is battery powered\* you don't have any wires around your workshop and it's easy to use on parking lots.

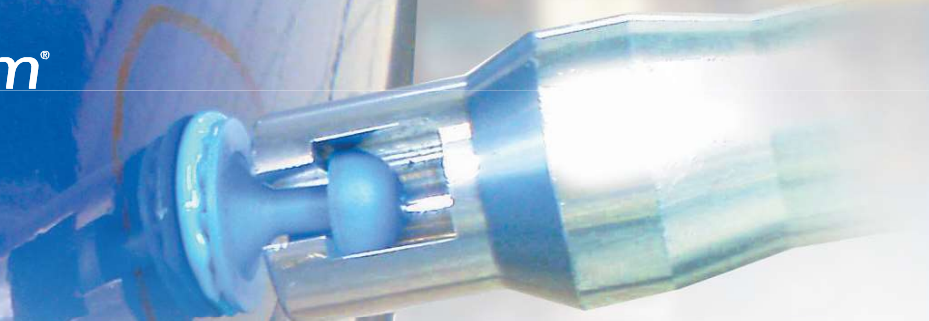
### REMOTE CONTROLLED LED

- Adjustable colours / intensity by remote control
- Wireless PDR lamp stand
- Available as a complete PDR lamp including stand or a separate unit



# Glue dent removal equipment and systems

**HBC** system®



Dent Lifter Part no. 17,300



Dent Tips Set - soft and hard.  
9 pcs. Part no. 1420





Clean the surface with a clean cloth using Glue remover.



Select the needed Plastic tip  
Apply some hot glue on the Plastic tip



Place the Plastic tip in the center of the dent.

Let it cool down for 3-4 min.



Place the Slide hammer on the Plastic tip and pull the dent until you have reached the right level



Remove the Plastic tip from the surface using Glue remover



Repeat step 2-9 until you have reached the needed result.

Polish the surface!

## Dent Lifter Systems

**Dent Lifter**  
Part no. 17.300



**Dent Repair Mini Kit**  
Part no. 17.400

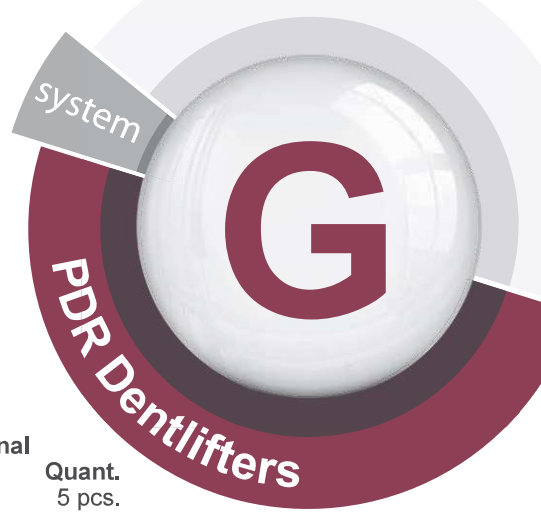
The Dent Repair Mini Kit is perfect for the removal of minor dents.

The kit contains the following parts:

Part no.	Product description
13990-3	Slidehammer type 3
17300	Dent lifter type 1
1420	Dent tips set
13997	Glue gun
13975	Glue sticks yellow, 5 pcs.
14009	Glue remover, 60ml







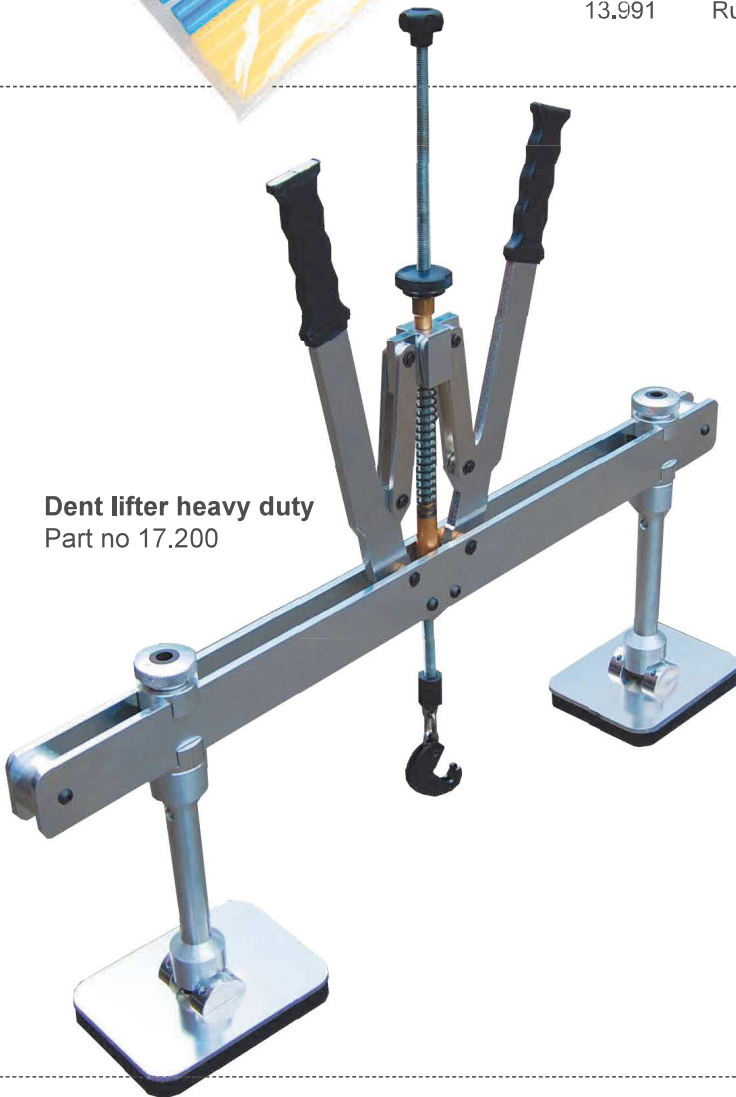
## 13.982 Slidehammer kit professional



### Content Slidehammer kit professional

Part no.	Product description	Quant.
13.975	Glue sticks yellow	5 pcs.
13.977	Glue sticks blue	5 pcs.
13.979	Glue sticks black	5 pcs.
13990-2	Slidehammer type 2	1 pcs.
13.977	Glue Gun	1 pcs.
1405-08	Alu dent tips	1 of each size
14009	Glue remover 60 ml	1 pcs.
1420	Dent tips set	1 pcs.
446-448	Knock down punch	1 of each
13.991	Rubber hammer	1 pcs.

## Dent lifter heavy duty Part no 17.200



17.200-1  
Adjustable multi hooks  
head-12 hooks M14X1

17.100-2  
Multi-hook grip-  
ping head- 6 hooks  
M14x1,5



17.321943  
Kit 3 green multipads  
Green multipads  
6x22x156 spherical shape



17.321933  
Kit 3 yellow multipads  
Yellow multipads  
6x22x156 cone-shaped



17.321923  
Kit 3 grey multipads  
Grey multipads kit  
6x50x156



17.321913  
Kit 3 blue multipads  
Blue multipads kit  
6x36x156



17.321903  
Kit 3 red multipads  
Red multipads kit  
6x22x156

## Slidehammers

Slidehammer  
Part no. 13990-2  
Slide Length : 160mm  
Total Length: 460mm  
Kg. 1,61



Slidehammer  
Part no. 13990-3  
Slide Length : 160mm  
Total Length: 460mm  
Kg. 0,93

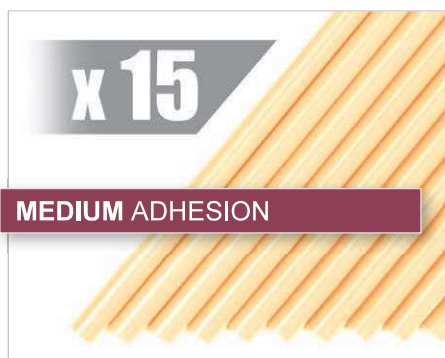




# Gluesticks



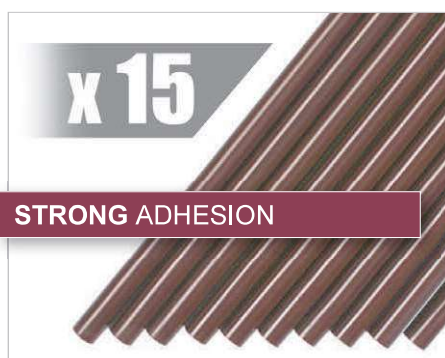
13.983 Glue sticks clear



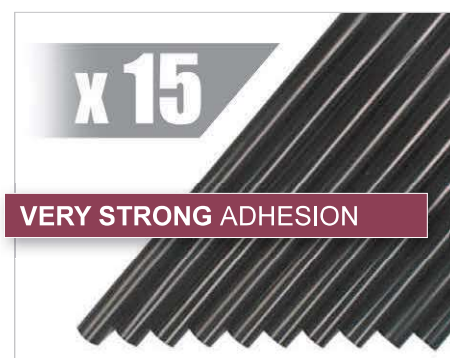
13.975 Glue sticks yellow



13.976 Glue sticks blue



13.978 Glue sticks brown

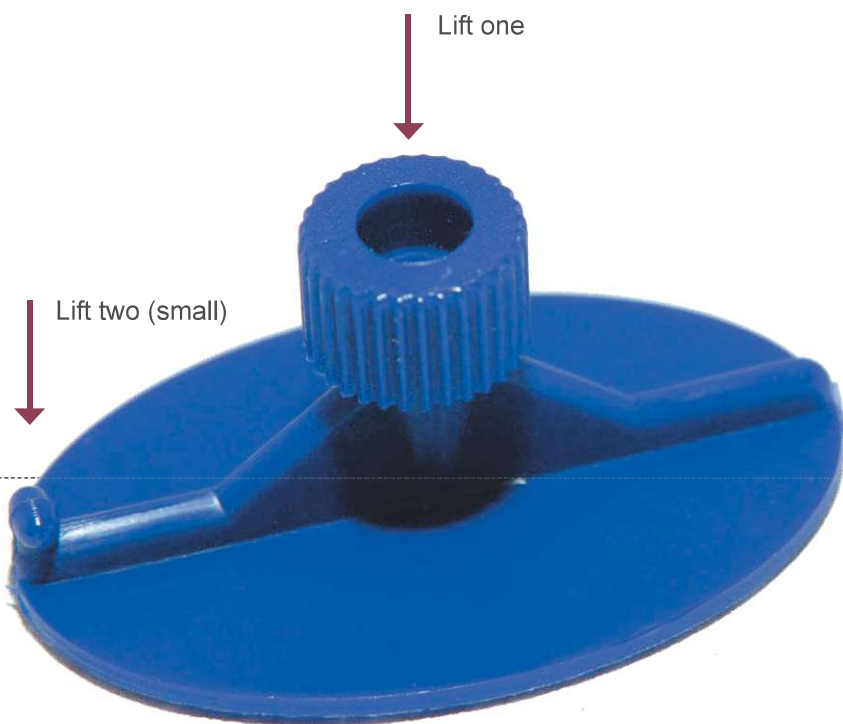


13.979 Glue sticks black

	Clear	Yellow	Blue	Brown	Black
Part no.	13.983	13.975	13.976	13.978	13.979
Quantity per bag	15 pcs.	15 pcs.	15 pcs.	15 pcs.	15 pcs.
Diameter mm	12 mm	12 mm	12 mm	12 mm	12 mm
Length cm	200 mm	200 mm	200 mm	200 mm	200 mm
Temp glue gun	195° C	195° C	195° C	195° C	195° C
Temperature range	10 - 25° C	12 - 25° C	10 - 25° C	10 - 30° C	20 - 40° C
Adhesion	Soft	Medium	Medium	Strong	Very Strong
Need Glue remover	No	Yes	No	Yes	Yes
Cleaner of surface part no.	14009	14009	14009	14009	14009

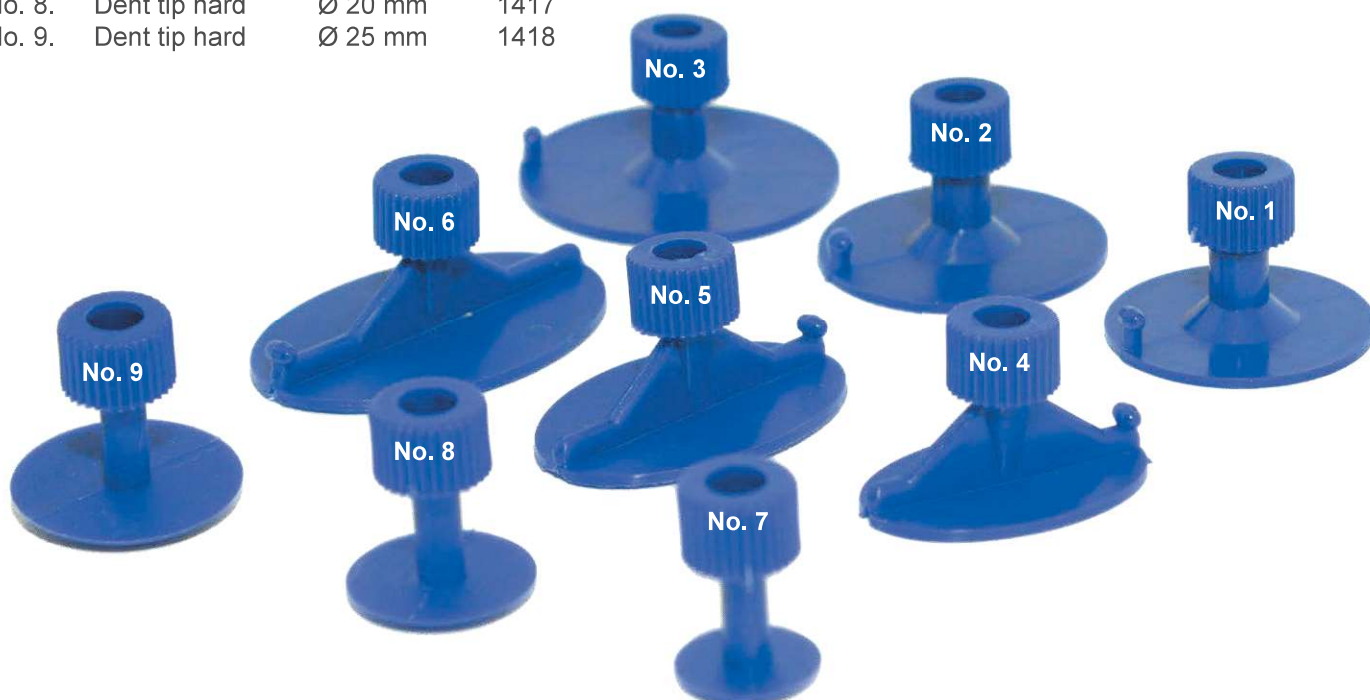
## Dent Tips - Alloy / "Two in One"

Alu Dent Tips

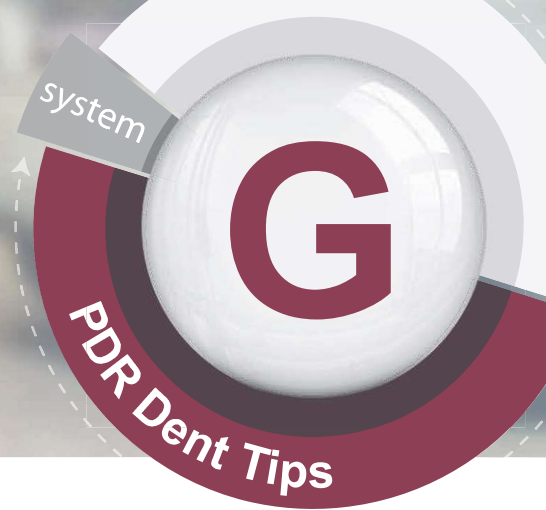


Dent Tips Set - soft and hard. 9 pcs. Part no. 1420

Type	Product	Dimension	Part No.
No. 1.	Dent tip soft	Ø 32mm	1410
No. 2.	Dent tip soft	Ø 36mm	1411
No. 3.	Dent tip soft	Ø 40mm	1412
No. 4.	Dent tip soft oval	36 x 23mm	1413
No. 5.	Dent tip soft oval	41 x 28mm	1414
No. 6.	Dent tip soft oval	50 x 34mm	1415
No. 7.	Dent tip hard	Ø 15 mm	1416
No. 8.	Dent tip hard	Ø 20 mm	1417
No. 9.	Dent tip hard	Ø 25 mm	1418







No. 1. Dent tip soft Ø 32mm  
Part no. 1410



No. 7. Dent tip hard Ø 15 mm  
Part no. 1416



No. 2. Dent tip soft Ø 36mm  
Part no. 1411



No. 8. Dent tip hard Ø 20 mm  
Part no. 1417



No. 3. Dent tip soft Ø 40mm  
Part no. 1412



No. 9. Dent tip hard Ø 25 mm  
Part no. 1418



No. 4. Dent tip soft oval  
Size 36 x 23mm Part no. 1413

## Alu Dent Tips



No. 10

No. 11

No. 12

No. 13



No. 5. Dent tip soft oval  
Size 41 x 28mm Part no. 1414

### Alu Dent Tips

The alu dent tips can be used over and over again. To obtain a firm hold it is recommended to spray a thin layer of clear coat on the tip before glueing.

Type	Product	Dimension	Part no.
No. 10	Alu tip S	Ø 15mm	1405
No. 11	Alu tip M	Ø 20mm	1406
No. 12	Alu tip L	Ø 25mm	1407
No. 13	Alu tip XL	Ø 30mm	1408



No. 6. Dent tip soft oval  
Size 50 x 34mm Part no. 1415