

# CORDLESS IMPULSE TOOLS

DPTC-2 serie

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## PRODUCTIVE SOLUTIONS

As an industrial process expert, we help you meet your challenges.

Productivity, safety, quality, industry 4.0 are themes on which we can offer you our expertise and our solutions. Whether in the field of assembly technology, machining or welding, our dedicated and specialized teams accompany your progress and recommend solutions and equipment to reach performance levels in line with your industrial strategy.



### Certified quality

From design to commissioning, DOGA guarantees the quality of this equipment and services according to ISO 9001: 2015 certification.

## 5 reasons to trust us



### Expertise

Our Field experts propose solutions adapted to your environment and specific needs..



### Innovation

By developing the products and the services of tomorrow, we offer you new perspectives or prospects.



### Performance

Our high added value solutions improve your performance and guarantee the final quality of the production.



### Commitment

Aware of your objectives, we commit ourselves to helping you to reach them.



### Reliability

Our organization, which has been ISO 9001 certified since 1996, is the guarantee of your satisfaction.



ASSEMBLY  
TECHNOLOGY

As a world class assembly technology player, we manufacture and market equipment and solutions for the assembly industry which contribute to the improvement of your manufacturing quality and productivity.

Our assembly, ergonomics and traceability solutions contribute to enhancing your productivity, controlling your process quality and meeting the requirements of industry 4.0.

We offer products designed to last and high value-added services by relying on our team's know-how and expertise: design, production, installation, start-up, training and maintenance. We support you locally thanks to our worldwide presence through our subsidiaries and our specialized distribution network.



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# SUMMARY

## CORDLESS IMPULSE TOOLS DPTC-2 serie

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# POWER, PRECISION AND COMFORT AWAIT YOU!

The DPTC-2 cordless impulse screwdrivers are ideal for intensive industrial tightening applications with strict torque tolerances in the range of 19 to 110 Nm!

The impulse technology allows quick and precise assemblies while minimizing jerking.

Equipped with an automatic shut-off mechanism, they stop immediately once the tightening torque is reached for reliable assemblies.

Their high rotation speed delivers consistent and precise torque without any torque reaction or vibration in the operator's hand for better comfort everyday.

These impact wrenches are also highly versatile on both rigid and elastic joints thanks to their adjustable automatic shut-off system.



## DPTC-2 SERIE NEXT-GENERATION TECHNOLOGY

This generation of DPTC-2 series hydrostatic screwdrivers is designed around a new motor and a new impulse unit for:



**A wider torque range up to 160 Nm**



**Less vibration in operator's hand**



### PRECISION

- Automatic shut-off technology that applies controlled torque while limiting vibrations.



### PERFORMANCE

- Maintenance-free brushless motor that offers better performance with precise speed, torque control and a long service life.



### MOBILITY

- Battery powered for complete freedom of movement.
- Lithium-ion battery that guarantees extended battery life, faster charging, and reduced weight.



### ERGONOMICS

- Any torque reaction.
- Low vibration level.
- Lightweight and balanced design.
- Noiseless operation.
- Audio and visual assistance for the operator.
- Extended drive shaft for guided sockets mounting.

## Overview



## Color LED status display



**Green + yellow flashing**  
Tool in unscrewing mode



**Flashing yellow**  
Low battery



**Green steady**  
Tightening OK



**Steady yellow**  
Battery needs to be recharged



**Steady red**  
NOK tightening

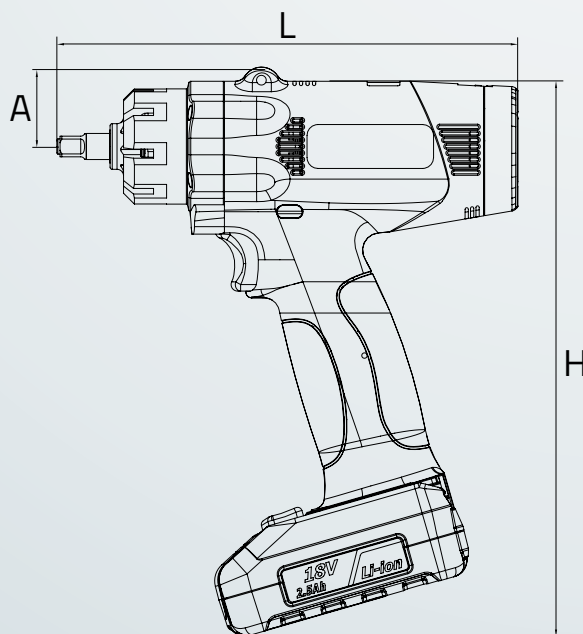
Torque accuracy adjustment feature (from 1 to 30 impulses)

## DPTC-2 impulse screwdrivers - 18 volts



**18 V battery**

**From 7 to 60 Nm**



### Screwdrivers with 1/4" Hex drive and quick-release chuck

| Designation     | Torque (Nm) |            | Speed (rpm) | Dimensions (mm) |     |    | Weight without battery (kg) | Voltage (V) | Code    |
|-----------------|-------------|------------|-------------|-----------------|-----|----|-----------------------------|-------------|---------|
|                 | Hard joint  | Soft joint |             | L               | H   | A  |                             |             |         |
| DPTC-2-17 HD1/4 | 10 to 17    | 7 to 12    | 3 800       | 188             | 254 | 37 | 1.28                        | 18          | P212542 |
| DPTC-2-26 HD1/4 | 13 to 26    | 9 to 18    | 3 800       | 188             | 254 | 37 | 1.28                        | 18          | P212543 |
| DPTC-2-28 HD1/4 | 18 to 28    | 13 to 20   | 3 800       | 212             | 254 | 37 | 1.40                        | 18          | P212545 |

### Screwdrivers with 3/8" square drive

| Designation     | Torque (Nm) |            | Speed (rpm) | Dimensions (mm) |     |    | Weight without battery (kg) | Voltage (V) | Code    |
|-----------------|-------------|------------|-------------|-----------------|-----|----|-----------------------------|-------------|---------|
|                 | Hard joint  | Soft joint |             | L               | H   | A  |                             |             |         |
| DPTC-2-22 SD3/8 | 12 to 22    | 8 to 15    | 3 800       | 185             | 254 | 37 | 1.2                         | 18          | P212097 |
| DPTC-2-28 SD3/8 | 14 to 28    | 10 to 20   | 3 800       | 185             | 254 | 37 | 1.2                         | 18          | P212098 |
| DPTC-2-35 SD3/8 | 22 to 35    | 15 to 25   | 3 800       | 212             | 254 | 37 | 1.4                         | 18          | P212099 |
| DPTC-2-45 SD3/8 | 27 to 45    | 19 to 32   | 3 800       | 212             | 254 | 37 | 1.4                         | 18          | P212100 |
| DPTC-2-60 SD3/8 | 40 to 60    | 28 to 42   | 3 800       | 212             | 254 | 37 | 1.5                         | 18          | P212101 |

Supplied with a torque adjustment key. The charger and battery are sold separately.



#### HELP CHOOSING

Screwdrivers are designed for use with hard and soft joints (up to 180° after the screw is tightened).

When using on soft or highly soft joints (> 180° after tightening), choose a screwdriver model that will operate at the bottom of its torque range (e.g., for an soft joint at 30 Nm, DPTC-2-60 model is more suitable than DPTC-2-45 model).

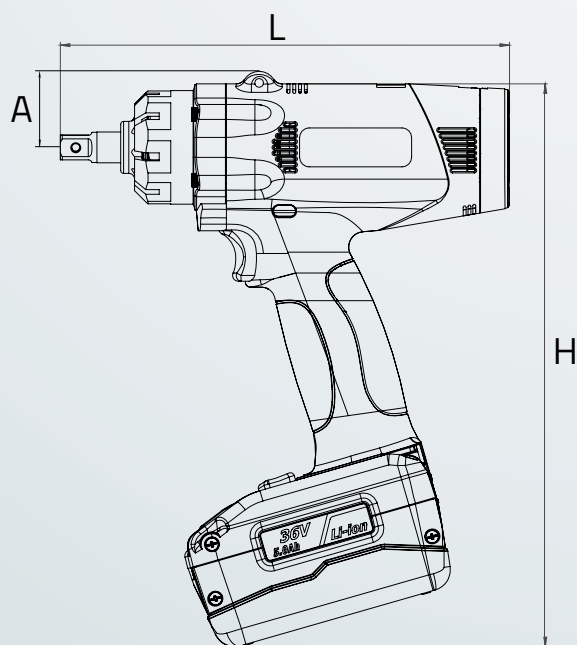
The recommended use is 6 tightenings per minute, to be balanced with the rate and frequency of use of the screwdriver.

## DPTC-2 impulse screwdrivers - 36 volts



**36 V battery**

**From 39 to 160 Nm**



### Screwdrivers with 1/2" square drive

| Designation      | Torque (Nm) |            | Speed (rpm) | Dimensions (mm) |     |    | Weight without battery (kg) | Voltage (V) | Code    |
|------------------|-------------|------------|-------------|-----------------|-----|----|-----------------------------|-------------|---------|
|                  | hard joint  | soft joint |             | L               | H   | A  |                             |             |         |
| DPTC-2-80 SD1/2  | 55 to 80    | 39 to 56   | 3 800       | 222             | 287 | 37 | 1.5                         | 36          | P212103 |
| DPTC-2-90 SD1/2  | 65 to 90    | 46 to 63   | 3 800       | 241             | 293 | 40 | 2                           | 36          | P212105 |
| DPTC-2-110 SD1/2 | 80 to 110   | 56 to 77   | 3 800       | 241             | 293 | 42 | 2                           | 36          | P212106 |
| DPTC-2-160 SD1/2 | 120 to 160  | 84 to 112  | 3 400       | 265             | 301 | 50 | 3.1                         | 36          | P217130 |

*Supplied with a torque adjustment key. Charger and battery are sold separately.*



#### HELP CHOOSING

Screwdrivers are designed for use with hard and soft joints (up to 180° after the screw is tightened).

When using on soft or highly soft joints (> 180° after tightening), choose a screwdriver model that will operate at the bottom of its torque range (e.g., for a soft joint at 50 Nm, DPTC-2-90 model is more suitable than DPTC-2-80 model).

The recommended use is 6 tightenings per minute, to be balanced with the rate and frequency of use of the screwdriver.

# ACCESSORIES

## Batteries



| Designation               | Voltage (V) | Capacity (Ah) | Weight (kg) | Dimensions (mm) |    |     | Code    |
|---------------------------|-------------|---------------|-------------|-----------------|----|-----|---------|
|                           |             |               |             | A               | B  | C   |         |
| BB200LI-25 Li-ion battery | 18/20       | 2.5           | 0.39        | 77              | 47 | 115 | P100014 |
| BB200LI-50 Li-ion battery | 18/20       | 5             | 0.67        | 77              | 67 | 115 | P100121 |
| BB360LI-25 Li-ion battery | 36          | 2.5           | 0.7         | 77              | 67 | 115 | P212107 |
| BB360LI-50 Li-ion battery | 36          | 5             | 1.1         | 87              | 75 | 135 | P212108 |

## Chargers

Dimensions in mm

CR19 - BTP charger



CR36-DPTC charger



| Designation       | Compatibility       | Code    |
|-------------------|---------------------|---------|
| CR19-BTP charger  | For 18/20 V battery | P100019 |
| CR36-DPTC charger | For 36 V battery    | P212110 |

## Protections and ring

| Designation            | Compatibility                         | Code       |                                                                                     |
|------------------------|---------------------------------------|------------|-------------------------------------------------------------------------------------|
| Battery protection     | BB200LI-25                            | P101705    |  |
|                        | BB200LI-50 / BB360LI-25               | P102675    |                                                                                     |
|                        | BB360LI-50                            | On request |                                                                                     |
| Screwdriver protection | For DPTC-2 17 / 22 / 26 / 28 SD3/8    | P217841    |                                                                                     |
|                        | For DPTC-2 28 HD1/4 35 / 45 / 60 / 80 | P217030    |                                                                                     |
|                        | For DPTC-2-90 / 110                   | P217030    |                                                                                     |
| Hanging ring           | All models                            | P109072    |  |

## SP-18-V2 programmer



NEW



Automatic consecutive tightening and loosening mode:

- Step 1 - tightening to torque
- Step 2 - loosening by the number of turns set

Ideal for installing studs.



Designed for DOGA battery screwdrivers with mechanical shut-off, it allows you to adjust the settings of the connected screwdriver.

- ▶ Reading of machine ID
- ▶ Reading of runtime
- ▶ Reading of maintenance cycle counter (resettable)
- ▶ Reading of total cycle counter
- ▶ Setting of maintenance alarm (number of pulses)
- ▶ Setting of buzzer volume (off, low, medium, or high)
- ▶ Setting the LED lighting delay (0 to 60 s) in tightening and loosening mode
- ▶ Setting the retightening detection with NOK LED display on the back of the screwdriver
- ▶ Setting automatic consecutive tightening and loosening mode (number of turns when loosening)
- ▶ Activating/deactivating the setting buttons



If you have an SP-18 programmer delivered before 08/2025, an update is required to make it compatible with DPTC-2 screwdrivers.

| Designation                                              | Code    |
|----------------------------------------------------------|---------|
| SP-18V-V2 programmer*                                    | P100847 |
| Update for SP-18V-V2 programmer delivered before 08/2025 | P216567 |

\*Supplied with mini USB cable for connecting to the screwdriver.

## Sleeve sockets

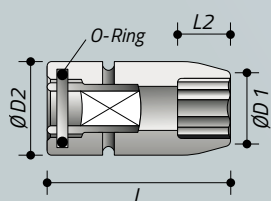
Our sleeve sockets have been developed to improve ergonomy and quality of our assemblies with impulse screwdrivers.

- ▶ Reduction of vibrations transmitted to the screwdriver, improving operator comfort.
- ▶ Reduction of play between the socket and the screwdriver, thereby limiting oscillation and stabilizing the tightening torque.
- ▶ Reduction of noise generated by the tool.
- ▶ Optimization of the tool's lifecycle by preventing wear.

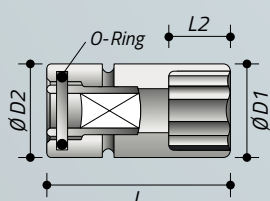


### Drawings of guided sockets models

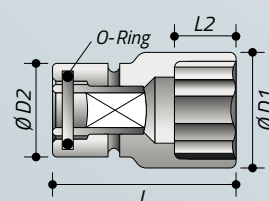
A



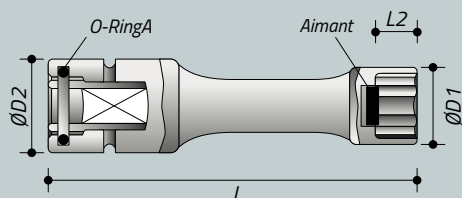
B



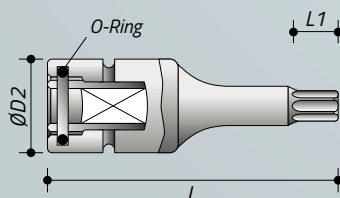
C



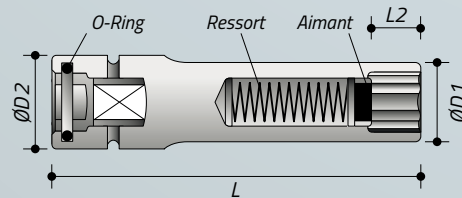
D



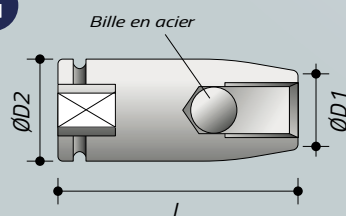
E



F



G



## > 3/8" sleeve drive sockets

### 3/8 " sleeve drive - 6 point

| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code    |
|-------------|---------------|--------|------------|------------|-----------|------------|---------|
| DO60910006  | 6             | A      | 11         | 19         | 43        | 5          | P172402 |
| DO60910008  | 8             | A      | 13         | 19         | 43        | 7          | P113607 |
| DO60910009  | 9             | A      | 15         | 19         | 43        | 7          | P172403 |
| DO60910010  | 10            | A      | 16         | 19         | 43        | 8          | P105877 |
| DO60910011  | 11            | A      | 17,5       | 19         | 43        | 9          | P108969 |
| DO60910012  | 12            | B      | 19         | 22         | 43        | 9          | P113571 |
| DO60910013  | 13            | A      | 20         | 22         | 43        | 9          | P102685 |
| DO60910014  | 14            | A      | 21         | 22         | 43        | 9          | P108971 |
| DO60910015  | 15            | B      | 22         | 22         | 43        | 11         | P172397 |
| DO60910016  | 16            | C      | 24         | 22         | 43        | 11         | P113712 |
| DO60910017  | 17            | C      | 25         | 22         | 43        | 11         | P108973 |
| DO60910018  | 18            | C      | 26         | 22         | 43        | 11         | P108975 |
| DO60910019  | 19            | C      | 27.5       | 22         | 43        | 11         | P108977 |
| DO60910021  | 21            | C      | 30         | 22         | 43        | 13         | P172398 |



### 3/8 " sleeve drive - 6 point magnetic

| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| DO6091A006  | 6             | A      | 11         | 19         | 43        | 5          | On request |
| DO6091A007  | 7             | A      | 12         | 19         | 43        | 5          | On request |
| DO6091A008  | 8             | A      | 13         | 19         | 43        | 7          | On request |
| DO6091A009  | 9             | A      | 15         | 19         | 43        | 7          | On request |
| DO6091A010  | 10            | A      | 16         | 19         | 43        | 8          | P113218    |
| DO6091A011  | 11            | A      | 17.5       | 19         | 43        | 9          | On request |
| DO6091A012  | 12            | B      | 18.5       | 19         | 43        | 9          | On request |
| DO6091A013  | 13            | A      | 20         | 22         | 43        | 9          | P107067    |
| DO6091A014  | 14            | A      | 21         | 22         | 43        | 9          | On request |
| DO6091A016  | 16            | C      | 24         | 22         | 43        | 11         | P113819    |
| DO6091A017  | 17            | C      | 25         | 22         | 43        | 11         | P113486    |
| DO6091A018  | 18            | C      | 26         | 22         | 43        | 11         | On request |
| DO6091A019  | 19            | C      | 27         | 22         | 43        | 11         | P113821    |
| DO6091A020  | 20            | C      | 28         | 22         | 43        | 13         | P112980    |
| DO6091A021  | 21            | C      | 30         | 22         | 43        | 13         | On request |
| DO6091A022  | 22            | C      | 31         | 22         | 50        | 13         | P172986    |
| DO6091A023  | 23            | C      | 32         | 22         | 50        | 13         | On request |
| DO6091A024  | 24            | C      | 34         | 22         | 50        | 13         | P172987    |
| DO6091A025  | 25            | C      | 35         | 22         | 50        | 13         | On request |
| DO6091A026  | 26            | C      | 36         | 22         | 50        | 13         | On request |
| DO6091A027  | 27            | C      | 38         | 22         | 50        | 13         | P172988    |





## 3/8 " sleeve drive - 6 point long

| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| DO60913006  | 6             | D      | 10.5       | 22         | 100       | 4          | On request |
| DO60913008  | 8             | D      | 12.5       | 22         | 100       | 8          | P113191    |
| DO60913010  | 10            | D      | 15         | 22         | 100       | 8          | P108794    |
| DO60913012  | 12            | D      | 18         | 22         | 100       | 9          | On request |
| DO60913013  | 13            | D      | 19         | 22         | 100       | 9          | P107009    |
| DO60913014  | 14            | D      | 20         | 22         | 100       | 9          | On request |
| DO60913015  | 15            | D      | 21         | 22         | 100       | 11         | On request |
| DO60913016  | 16            | D      | 22.5       | 22         | 100       | 11         | P173004    |
| DO60913017  | 17            | D      | 24         | 22         | 100       | 11         | P173005    |
| DO60914006  | 6             | D      | 10.5       | 22         | 150       | 4          | On request |
| DO60914008  | 8             | D      | 12.5       | 22         | 150       | 8          | On request |
| DO60914010  | 10            | D      | 15         | 22         | 150       | 8          | P108937    |
| DO60914012  | 12            | D      | 18         | 22         | 150       | 9          | On request |
| DO60914013  | 13            | D      | 19         | 22         | 150       | 9          | P109067    |
| DO60914014  | 14            | D      | 20         | 22         | 150       | 9          | On request |
| DO60914015  | 15            | D      | 21         | 22         | 150       | 11         | On request |
| DO60914016  | 16            | D      | 22.5       | 22         | 150       | 11         | P173006    |
| DO60914017  | 17            | D      | 24         | 22         | 150       | 11         | P173007    |
| DO60915006  | 6             | D      | 10.5       | 22         | 200       | 4          | On request |
| DO60915008  | 8             | D      | 12.5       | 22         | 200       | 8          | On request |
| DO60915010  | 10            | D      | 15         | 22         | 200       | 8          | On request |
| DO60915012  | 12            | D      | 18         | 22         | 200       | 9          | On request |
| DO60915013  | 13            | D      | 19         | 22         | 200       | 9          | P104912    |
| DO60915014  | 14            | D      | 20         | 22         | 200       | 9          | On request |
| DO60915015  | 15            | D      | 21         | 22         | 200       | 11         | On request |
| DO60915016  | 16            | D      | 22.5       | 22         | 200       | 11         | P108829    |
| DO60915017  | 17            | D      | 24         | 22         | 200       | 11         | P173008    |
| DO60915019  | 19            | D      | 27         | 22         | 200       | 11         | On request |



### 3/8 " sleeve drive - 6 point long magnetic



| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| D06091P006  | 6             | D      | 11         | 19         | 100       | 3          | On request |
| D06091P007  | 7             | D      | 12         | 19         | 100       | 3          | On request |
| D06091P008  | 8             | D      | 13         | 19         | 100       | 4          | On request |
| D06091P009  | 9             | D      | 15         | 19         | 100       | 4          | On request |
| D06091P010  | 10            | D      | 16         | 19         | 100       | 4          | P113815    |
| D06091P011  | 11            | D      | 17.5       | 19         | 100       | 5          | On request |
| D06091P012  | 12            | D      | 18.5       | 19         | 100       | 5          | On request |
| D06091P013  | 13            | D      | 20         | 22         | 100       | 6          | P107195    |
| D06091P014  | 14            | D      | 21         | 22         | 100       | 6          | On request |
| D06091P015  | 15            | D      | 22         | 22         | 100       | 7          | On request |
| D06091P016  | 16            | D      | 24         | 22         | 100       | 7          | P172968    |
| D06091P017  | 17            | D      | 25         | 22         | 100       | 7          | P172969    |
| D06091R008  | 8             | D      | 13         | 19         | 150       | 4          | On request |
| D06091R010  | 10            | D      | 16         | 19         | 150       | 4          | P113817    |
| D06091R011  | 11            | D      | 17.5       | 19         | 150       | 5          | On request |
| D06091R012  | 12            | D      | 18.5       | 19         | 150       | 5          | On request |
| D06091R013  | 13            | D      | 20         | 22         | 150       | 6          | P172971    |
| D06091R014  | 14            | D      | 21         | 22         | 150       | 6          | On request |
| D06091R015  | 15            | D      | 22         | 22         | 150       | 7          | On request |
| D06091R016  | 16            | D      | 24         | 22         | 150       | 7          | P172972    |
| D06091R017  | 17            | D      | 25         | 22         | 150       | 7          | On request |
| D06091T008  | 8             | D      | 13         | 19         | 200       | 4          | On request |
| D06091T009  | 9             | D      | 15         | 19         | 200       | 4          | On request |
| D06091T010  | 10            | D      | 16         | 19         | 200       | 4          | P172973    |
| D06091T012  | 12            | D      | 18.5       | 19         | 200       | 5          | On request |
| D06091T013  | 13            | D      | 20         | 22         | 200       | 6          | On request |
| D06091T014  | 14            | D      | 21         | 22         | 200       | 6          | On request |
| D06091T015  | 15            | D      | 22         | 22         | 200       | 7          | On request |



### 3/8 " sleeve drive - 6 point deep magnetic



| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| D06091Q010  | 10            | F      | 16         | 19         | 100       | 5          | P113488    |
| D06091Q012  | 12            | F      | 18.5       | 19         | 200       | 6          | On request |
| D06091Q013  | 13            | F      | 20         | 22         | 200       | 6          | On request |
| D06091Q014  | 14            | F      | 21         | 22         | 200       | 6          | On request |
| D06091Q016  | 16            | F      | 24         | 22         | 200       | 7          | P172995    |



### 3/8 " sleeve drive - Torx® internal

| Designation | A / F (mm) | Schema | D2 (mm) | L (mm) | L1 (mm) | Code       |
|-------------|------------|--------|---------|--------|---------|------------|
| DO68811009  | T9         | E      | 22      | 75     | 2       | On request |
| DO68811010  | T10        | E      | 22      | 75     | 2.8     | On request |
| DO68811015  | T15        | E      | 22      | 75     | 2.8     | On request |
| DO68811020  | T20        | E      | 22      | 75     | 2.8     | On request |
| DO68811025  | T25        | E      | 22      | 75     | 3       | P205971    |
| DO68811027  | T27        | E      | 22      | 75     | 3       | On request |
| DO68811030  | T30        | E      | 22      | 75     | 3.8     | On request |
| DO68811040  | T40        | E      | 22      | 75     | 3.8     | P172285    |
| DO68811045  | T45        | E      | 22      | 75     | 4.3     | P201750    |
| DO68811047  | T47        | E      | 22      | 75     | 5       | On request |
| DO68811050  | T50        | E      | 22      | 75     | 5       | P107123    |
| DO68811055  | T55        | E      | 22      | 75     | 5       | On request |



### 3/8 " sleeve drive - Torx® external

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code       |
|-------------|------------|--------|---------|---------|--------|---------|------------|
| DO66910005  | E5         | A      | 8       | 19      | 43     | 4,5     | On request |
| DO66910006  | E6         | A      | 9       | 19      | 43     | 5       | On request |
| DO66910007  | E7         | A      | 9.5     | 19      | 43     | 6       | On request |
| DO66910008  | E8         | A      | 11      | 19      | 43     | 6,5     | On request |
| DO66910010  | E10        | A      | 13      | 19      | 43     | 7,5     | On request |
| DO66910011  | E11        | A      | 14      | 19      | 43     | 8       | On request |
| DO66910012  | E12        | A      | 15.5    | 19      | 43     | 8,5     | On request |
| DO66910014  | E14        | A      | 17.5    | 22      | 43     | 10      | On request |
| DO66910016  | E16        | A      | 18.5    | 22      | 43     | 11      | On request |



### 3/8 " sleeve drive - Hex driver (Inbus)

| Designation | A / F (mm) | Schema | D2 (mm) | L (mm) | L1 (mm) | Code       |
|-------------|------------|--------|---------|--------|---------|------------|
| DO68916003  | 3          | E      | 22      | 75     | 11      | P172740    |
| DO68916004  | 4          | E      | 22      | 75     | 11      | P172741    |
| DO68916005  | 5          | E      | 22      | 75     | 11      | P113738    |
| DO68916006  | 6          | E      | 22      | 75     | 11      | P103212    |
| DO68916007  | 7          | E      | 22      | 75     | 16      | P172742    |
| DO68916008  | 8          | E      | 22      | 75     | 16      | P107030    |
| DO68916009  | 9          | E      | 22      | 75     | 16      | On request |
| DO68916010  | 10         | E      | 22      | 75     | 16      | P172743    |
| DO68916011  | 11         | E      | 22      | 75     | 16      | On request |
| DO68916012  | 12         | E      | 22      | 75     | 16      | P172744    |
| DO68916013  | 13         | E      | 22      | 75     | 16      | On request |
| DO68916014  | 14         | E      | 22      | 75     | 16      | P113752    |
| DO68916015  | 15         | E      | 22      | 75     | 16      | On request |
| DO68916016  | 16         | E      | 22      | 75     | 16      | On request |



### 3/8 " sleeve drive - Stud bolt setters

| Designation | Size      | Schema | D1 (mm) | D2 (mm) | L (mm) | Code           |
|-------------|-----------|--------|---------|---------|--------|----------------|
| DO66A10062  | M6 x 1    | G      | 12.5    | 22      | 50     | <b>P105797</b> |
| DO66A10083  | M8 x 1,25 | G      | 15      | 22      | 50     | <b>P113592</b> |
| DO66A10104  | M10 x 1,5 | G      | 17      | 22      | 50     | <b>P172364</b> |



### > 1/2" sleeve drive sockets

#### 1/2 " sleeve drive - 6 point

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code              |
|-------------|------------|--------|---------|---------|--------|---------|-------------------|
| DO60920012  | 12         | A      | 20      | 25      | 52     | 12      | <b>P172389</b>    |
| DO60920013  | 13         | A      | 21      | 25      | 52     | 12      | <b>P113485</b>    |
| DO60920014  | 14         | A      | 22.5    | 25      | 52     | 12      | <b>P172390</b>    |
| DO60920015  | 15         | A      | 23.7    | 30      | 52     | 12      | <b>P172391</b>    |
| DO60920016  | 16         | A      | 25      | 30      | 52     | 12      | <b>P113493</b>    |
| DO60920017  | 17         | A      | 26      | 30      | 52     | 12      | <b>P105008</b>    |
| DO60920018  | 18         | A      | 27.5    | 30      | 52     | 12      | <b>P172392</b>    |
| DO60920019  | 19         | A      | 28.7    | 30      | 52     | 12      | <b>P113505</b>    |
| DO60920021  | 21         | B      | 30      | 30      | 52     | 12      | <b>P172393</b>    |
| DO60920022  | 22         | C      | 32      | 30      | 52     | 12      | <b>P172394</b>    |
| DO60920023  | 23         | C      | 32      | 30      | 52     | 12      | <b>P172395</b>    |
| DO60920024  | 24         | C      | 35      | 30      | 52     | 12      | <b>P172396</b>    |
| DO60920025  | 25         | C      | 36      | 30      | 57     | 12      | <b>On request</b> |
| DO60920027  | 27         | C      | 39      | 30      | 57     | 12      | <b>P113376</b>    |
| DO60920030  | 30         | C      | 42      | 30      | 62     | 12      | <b>P113601</b>    |
| DO60920032  | 32         | C      | 44      | 30      | 62     | 12      | <b>P108991</b>    |



## 1/2 " sleeve drive - 6 point magnetic



| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| DO6092A006  | 6             | A      | 13         | 25         | 52        | 5          | On request |
| DO6092A007  | 7             | A      | 14         | 25         | 52        | 5          | On request |
| DO6092A008  | 8             | A      | 15         | 25         | 52        | 7          | On request |
| DO6092A009  | 9             | A      | 16         | 25         | 52        | 7          | On request |
| DO6092A010  | 10            | A      | 17.5       | 25         | 52        | 8          | P113172    |
| DO6092A011  | 11            | A      | 18.5       | 25         | 52        | 9          | On request |
| DO6092A012  | 12            | A      | 20         | 25         | 52        | 12         | On request |
| DO6092A013  | 13            | A      | 21         | 25         | 52        | 12         | P113823    |
| DO6092A014  | 14            | A      | 22.5       | 25         | 52        | 12         | On request |
| DO6092A015  | 15            | A      | 23.5       | 30         | 52        | 12         | On request |
| DO6092A016  | 16            | A      | 25         | 30         | 52        | 12         | P172989    |
| DO6092A017  | 17            | A      | 26         | 30         | 52        | 12         | P172990    |
| DO6092A018  | 18            | A      | 27.5       | 30         | 52        | 12         | P172991    |
| DO6092A019  | 19            | A      | 28.5       | 30         | 52        | 12         | P172992    |
| DO6092A020  | 20            | B      | 30         | 30         | 52        | 12         | On request |
| DO6092A021  | 21            | C      | 31         | 30         | 52        | 12         | P172993    |
| DO6092A022  | 22            | C      | 32         | 30         | 52        | 12         | On request |
| DO6092A023  | 23            | C      | 34         | 30         | 52        | 12         | On request |
| DO6092A024  | 24            | C      | 35         | 30         | 52        | 12         | P172994    |
| DO6092A025  | 25            | C      | 36         | 30         | 57        | 12         | On request |
| DO6092A026  | 26            | C      | 38         | 30         | 57        | 12         | On request |
| DO6092A027  | 27            | C      | 38.5       | 30         | 57        | 12         | P172970    |



## 1/2 " sleeve drive - 6 point long

| Designation | A / F<br>(mm) | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | L2<br>(mm) | Code       |
|-------------|---------------|--------|------------|------------|-----------|------------|------------|
| DO60923010  | 10            | D      | 17         | 25         | 100       | 12         | P173001    |
| DO60923012  | 12            | D      | 19.5       | 25         | 100       | 12         | On request |
| DO60923013  | 13            | D      | 20.5       | 25         | 100       | 12         | P173002    |
| DO60923014  | 14            | D      | 21.5       | 25         | 100       | 12         | On request |
| DO60923015  | 15            | D      | 22.5       | 25         | 100       | 12         | P205671    |
| DO60923017  | 17            | D      | 25         | 25         | 100       | 13         | P173003    |
| DO60923019  | 19            | D      | 28         | 25         | 100       | 13         | P172281    |
| DO60924010  | 10            | D      | 17         | 25         | 150       | 12         | P173009    |
| DO60924012  | 12            | D      | 19.5       | 25         | 150       | 12         | On request |
| DO60924013  | 13            | D      | 20.5       | 25         | 150       | 12         | P173010    |
| DO60924014  | 14            | D      | 21.5       | 25         | 150       | 12         | On request |
| DO60924015  | 15            | D      | 22.5       | 25         | 150       | 12         | P205672    |
| DO60924017  | 17            | D      | 25         | 25         | 150       | 13         | P173011    |
| DO60924019  | 19            | D      | 28         | 25         | 150       | 13         | P173012    |





## 1/2 " sleeve drive - 6 point

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code       |
|-------------|------------|--------|---------|---------|--------|---------|------------|
| DO60925010  | 10         | D      | 17      | 25      | 200    | 12      | On request |
| DO60925012  | 12         | D      | 19,5    | 25      | 200    | 12      | On request |
| DO60925013  | 13         | D      | 20,5    | 25      | 200    | 12      | P172336    |
| DO60925014  | 14         | D      | 21,5    | 25      | 200    | 12      | On request |
| DO60925015  | 15         | D      | 22,5    | 25      | 200    | 12      | P205679    |
| DO60925017  | 17         | D      | 25      | 25      | 200    | 13      | P172307    |
| DO60925019  | 19         | D      | 28      | 25      | 200    | 13      | P205679    |



## 1/2 " sleeve drive - 6 point magnetic

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code       |
|-------------|------------|--------|---------|---------|--------|---------|------------|
| DO6092P010  | 10         | D      | 17.5    | 25      | 100    | 4       | On request |
| DO6092P011  | 11         | D      | 18.5    | 25      | 100    | 5       | On request |
| DO6092P012  | 12         | D      | 20      | 25      | 100    | 5       | On request |
| DO6092P013  | 13         | D      | 21      | 25      | 100    | 6       | P172974    |
| DO6092P014  | 14         | D      | 22.5    | 25      | 100    | 6       | On request |
| DO6092P015  | 15         | D      | 23.5    | 30      | 100    | 7       | On request |
| DO6092P016  | 16         | D      | 25      | 30      | 100    | 7       | P172975    |
| DO6092P017  | 17         | D      | 26      | 30      | 100    | 7       | P172976    |
| DO6092P018  | 18         | D      | 27.5    | 30      | 100    | 8       | P205678    |
| DO6092P019  | 19         | D      | 28.5    | 30      | 100    | 8       | P172977    |
| DO6092R010  | 10         | D      | 17.5    | 25      | 150    | 12      | P172978    |
| DO6092R011  | 11         | D      | 18.5    | 25      | 150    | 12      | On request |
| DO6092R012  | 12         | D      | 20      | 25      | 150    | 12      | On request |
| DO6092R013  | 13         | D      | 21      | 25      | 150    | 12      | P172979    |
| DO6092R014  | 14         | D      | 22.5    | 25      | 150    | 12      | On request |
| DO6092R015  | 15         | D      | 23.5    | 30      | 150    | 12      | On request |
| DO6092R016  | 16         | D      | 25      | 30      | 150    | 13      | P172980    |
| DO6092R017  | 17         | D      | 26      | 30      | 150    | 13      | On request |
| DO6092R018  | 18         | D      | 27.5    | 30      | 150    | 13      | P205674    |
| DO6092R019  | 19         | D      | 28.5    | 30      | 150    | 13      | P172981    |
| DO6092T010  | 10         | D      | 17.5    | 25      | 200    | 12      | P172982    |
| DO6092T011  | 11         | D      | 18.5    | 25      | 200    | 12      | On request |
| DO6092T012  | 12         | D      | 20      | 25      | 200    | 12      | On request |
| DO6092T013  | 13         | D      | 21      | 25      | 200    | 12      | P172983    |
| DO6092T014  | 14         | D      | 22.5    | 25      | 200    | 12      | On request |
| DO6092T015  | 15         | D      | 23.5    | 30      | 200    | 12      | On request |
| DO6092T016  | 16         | D      | 25      | 30      | 200    | 13      | P172984    |
| DO6092T017  | 17         | D      | 26      | 30      | 200    | 13      | On request |
| DO6092T018  | 18         | D      | 27.5    | 30      | 200    | 13      | P205680    |
| DO6092T019  | 19         | D      | 28.5    | 30      | 200    | 13      | P172985    |



## 1/2 " sleeve drive - 6 point deep magnetic

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code    |
|-------------|------------|--------|---------|---------|--------|---------|---------|
| D06092Q010  | 10         | F      | 17.5    | 25      | 100    | 5       | P172996 |
| D06092Q013  | 13         | F      | 21      | 25      | 100    | 6       | P172997 |
| D06092Q016  | 16         | F      | 25      | 30      | 100    | 7       | P172998 |
| D06092Q017  | 17         | F      | 26      | 30      | 100    | 7       | P172999 |
| D06092Q019  | 19         | F      | 28.5    | 30      | 100    | 8       | P173000 |



## 1/2 " sleeve drive - Torx® internal

| Designation | A / F (mm) | Schema | D2 (mm) | L (mm) | L1 (mm) | Code       |
|-------------|------------|--------|---------|--------|---------|------------|
| D068821020  | T20        | E      | 25      | 75     | 2,8     | On request |
| D068821025  | T25        | E      | 25      | 75     | 3       | P172860    |
| D068821027  | T27        | E      | 25      | 75     | 3       | P172861    |
| D068821030  | T30        | E      | 25      | 75     | 3.8     | P172862    |
| D068821040  | T40        | E      | 25      | 75     | 3.8     | P113687    |
| D068821045  | T45        | E      | 25      | 75     | 4.3     | On request |
| D068821047  | T47        | E      | 25      | 75     | 5       | On request |
| D068821050  | T50        | E      | 25      | 75     | 5       | P113420    |
| D068821055  | T55        | E      | 25      | 75     | 5.5     | P172863    |
| D068821060  | T60        | E      | 25      | 75     | 8       | P172864    |
| D068821070  | T70        | E      | 25      | 75     | 9.4     | On request |
| D068821080  | T80        | E      | 25      | 75     | 10.5    | On request |
| D068821090  | T90        | E      | 25      | 75     | 11.8    | On request |
| D068821100  | T100       | E      | 25      | 75     | 13.1    | On request |



## Douilles guidées 1/2 " - Torx® external

| Designation | A / F (mm) | Schema | D1 (mm) | D2 (mm) | L (mm) | L2 (mm) | Code       |
|-------------|------------|--------|---------|---------|--------|---------|------------|
| D066920010  | E10        | A      | 14      | 25      | 52     | 7.5     | On request |
| D066920011  | E11        | A      | 15      | 25      | 52     | 8       | On request |
| D066920012  | E12        | A      | 16      | 25      | 52     | 8.5     | On request |
| D066920014  | E14        | A      | 18      | 25      | 52     | 10      | On request |
| D066920016  | E16        | A      | 20      | 25      | 52     | 11      | On request |
| D066920018  | E18        | A      | 22      | 25      | 52     | 12.5    | On request |
| D066920020  | E20        | A      | 25      | 30      | 52     | 14      | On request |
| D066920022  | E22        | A      | 27      | 30      | 52     | 15      | On request |
| D066920024  | E24        | A      | 29      | 30      | 52     | 16.5    | On request |



## 1/2 " sleeve drive - Hex driver (Inbus)

| Designation | A / F<br>(mm) | Schema | D2<br>(mm) | L<br>(mm) | L1<br>(mm) | Code    |
|-------------|---------------|--------|------------|-----------|------------|---------|
| DO68925003  | 3             | E      | 25         | 75        | 11         | P172745 |
| DO68925004  | 4             | E      | 25         | 75        | 11         | P109122 |
| DO68925005  | 5             | E      | 25         | 75        | 15         | P172746 |
| DO68925006  | 6             | E      | 25         | 75        | 15         | P172747 |
| DO68925007  | 7             | E      | 25         | 75        | 20         | P172748 |
| DO68925008  | 8             | E      | 25         | 75        | 25         | P107032 |
| DO68925009  | 9             | E      | 25         | 75        | 25         | P172749 |
| DO68925010  | 10            | F      | 25         | 75        | 25         | P113748 |
| DO68925011  | 11            | E      | 25         | 75        | 25         | P172750 |
| DO68925012  | 12            | E      | 25         | 75        | 25         | P107034 |
| DO68925013  | 13            | E      | 25         | 75        | 25         | P172751 |
| DO68925014  | 14            | E      | 25         | 75        | 25         | P172752 |
| DO68925015  | 15            | E      | 25         | 75        | 25         | P172753 |
| DO68925016  | 16            | E      | 25         | 75        | 25         | P172754 |
| DO68925017  | 17            | E      | 25         | 75        | 25         | P172755 |
| DO68925018  | 18            | E      | 25         | 75        | 25         | P172756 |
| DO68925019  | 19            | E      | 25         | 75        | 25         | P172757 |



## 1/2 " sleeve drive - Stud bolt setters

| Designation | Size       | Schema | D1<br>(mm) | D2<br>(mm) | L<br>(mm) | Code    |
|-------------|------------|--------|------------|------------|-----------|---------|
| DO66A21062  | M6 x 1     | G      | 13         | 25         | 75        | P172586 |
| DO66A21104  | M10 x 1.5  | G      | 17         | 25         | 75        | P172587 |
| DO66A21125  | M12 x 1.75 | G      | 19         | 25         | 75        | P172588 |
| DO66A21146  | M14 x 2    | G      | 22         | 25         | 75        | P172589 |
| DO66A21166  | M16 x 2    | G      | 27         | 30         | 75        | P172590 |



## Sleeve drive adaptors

### Sleeve drive bit holders

| Designation | Female<br>square drive | Female<br>Hex drive | D2<br>(mm) | L<br>(mm) | Code    |
|-------------|------------------------|---------------------|------------|-----------|---------|
| DO69111E08  | 3/8"                   | 1/4"                | 22         | 52        | P103213 |
| DO69112E08  | 1/2"                   | 1/4"                | 25         | 60        | P172355 |



### Sleeve drive quick change adaptors

| Designation | Female<br>square drive | Female<br>Hex drive | D2<br>(mm) | L<br>(mm) | Code    |
|-------------|------------------------|---------------------|------------|-----------|---------|
| DO69151116  | 3/8"                   | 1/2"                | 20         | 80        | P103198 |
| DO69152112  | 1/2"                   | 3/8"                | 25         | 75        | P172865 |
| DO69151112  | 3/8"                   | 3/8"                | 19         | 75        | P104379 |
| DO69152216  | 1/2"                   | 1/2"                | 25         | 100       | P105001 |



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