



## Dynamometric screwdrivers

**Petitpierre** screwdrivers are intended for microtechnology and electronics, as well as suitable for production and after-sales service of watchmaking, it can control the tightening torque when screwing,

- **TSE:** The torque is set inside the screwdriver.
- **TR:** The torque scale is engraved on the screwdriver body.
- **ACR:** Quick-change adapter allows you to quickly change the diameter of blades.
- **STD:** The blade is attached with a reducing sleeve and fixing screw.

### Type of TSE ACR

The torque is adjustable using a special key, and set inside the screwdriver. The quick-change adapter (ACR) system allows you to quickly change the diameter of blades.

TSE-11 ~ TSE-51



TSE-121



### Type of TSE-STD

The torque is adjustable using a special key, and set inside the screwdriver.

TSE-10 ~ TSE-60





### Type of TR-ACR

The torque is adjustable by hand, a torque scale is engraved on the body. The quick-change adapter (ACR) system allows you to quickly change the diameter of blades.

TR-11 ~ TR-31



### Type of TR-STD

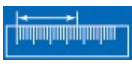


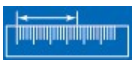













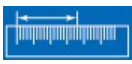




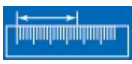



The torque is adjustable by hand, a torque scale is engraved on the body.

TR-10 ~ TR-30





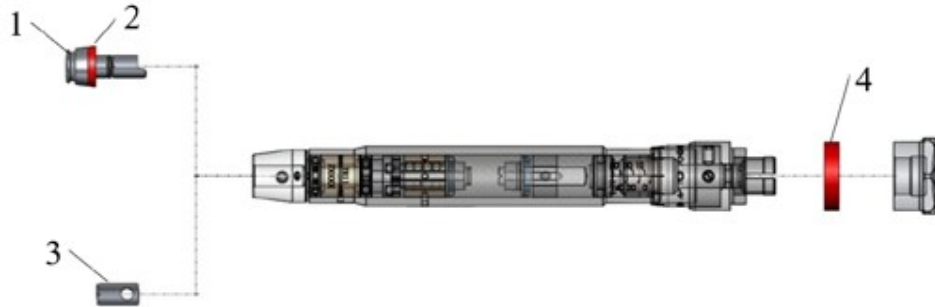
## Specifications of dynamometric screwdrivers

Code			Fixing of blades	Setting	mNm			Article no.
TSE-ACR	TSE-11		With quick-change adapter	Internal	5 - 55			01-0002-011
	TSE-21							01-0002-021
	TSE-31							01-0002-031
	TSE-41				20 - 80			01-0002-041
	TSE-51				20 - 120			01-0002-051
	TSE-121				01-0002-121			
TSE-STD	TSE-10		STD reducing sleeve is needed	Internal	5 - 55	14 x 90 x 14 mm	0.05 kg	01-0001-010
	TSE-20							01-0001-020
	TSE-30							01-0001-030
	TSE-40				20 - 80			01-0001-040
	TSE-50				01-0001-050			
	TSE-60				01-0001-060			
TR-ACR	TR-11		With quick-change adapter	External	5 - 55			01-0003-011
	TR-21							01-0003-021
	TR-31							01-0003-031
TR-STD	TR-10		STD reducing sleeve is needed	External	5 - 55			01-0003-010
	TR-20							01-0003-020
	TR-30							01-0003-030



## Accessories for dynamometric screwdrivers - ACR

Quick-change adapter	ACR identification ring	Reduction sleeve	TR identification ring	Blades
1	2	3	4	-

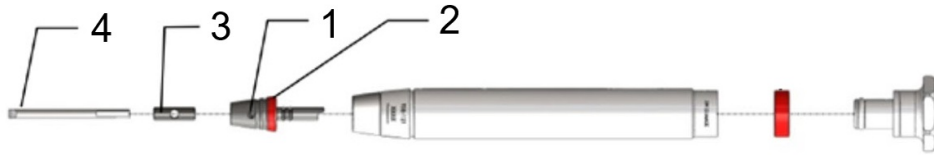


Article no.	Included	ACR identification ring color
ACR/005	1 + 2 + blade in diameter 0.50 mm	Light orange C1
ACR/006	1 + 2 + blade in diameter 0.60 mm	Natural anodized
ACR/007	1 + 2 + blade in diameter 0.70 mm	Gold D1
ACR/008	1 + 2 + blade in diameter 0.80 mm	Yellow E3
ACR/009	1 + 2 + blade in diameter 0.90 mm	Light green K3
ACR/010	1 + 2 + blade in diameter 1.00 mm	Black J3
ACR/011	1 + 2 + blade in diameter 1.10 mm	Dark gray J2
ACR/012	1 + 2 + blade in diameter 1.20 mm	Red B3
ACR/013	1 + 2 + blade in diameter 1.30 mm	Light brown I1
ACR/014	1 + 2 + blade in diameter 1.40 mm	Light gray J1
ACR/015	1 + 2 + blade in diameter 1.50 mm	Blue F3
ACR/016	1 + 2 + blade in diameter 1.60 mm	Purple K1
ACR/018	1 + 2 + blade in diameter 1.80 mm	Dark orange C3
ACR/020	1 + 2 + blade in diameter 2.00 mm	Dark green H3
ACR/025	1 + 2 + blade in diameter 2.50 mm	Dark blue G3
ACR/030	1 + 2 + blade in diameter 3.00 mm	Dark brown I3



## Accessories for dynamometric screwdrivers - ACR

Quick-change adapter	ACR identification ring	Reduction sleeve	TR identification ring	Blades
1	2	3	-	4

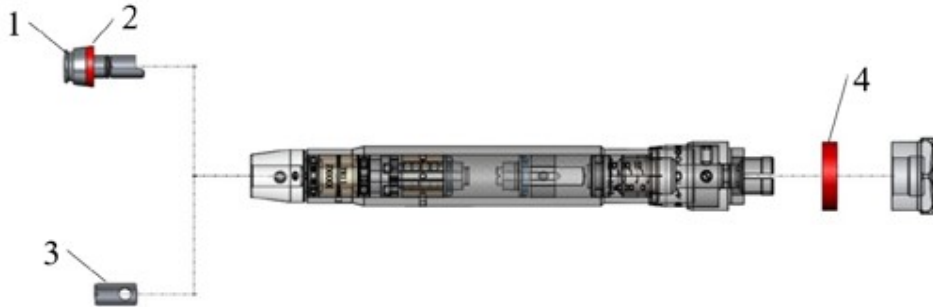


Article no.	Included	ACR identification ring color
TSE 121 ACR/005	1 + 2 + 3 + 4 (diameter 0.50 mm)	Light orange C1
TSE 121 ACR/006	1 + 2 + 3 + 4 (diameter 0.60 mm)	Natural anodized
TSE 121 ACR/007	1 + 2 + 3 + 4 (diameter 0.70 mm)	Gold D1
TSE 121 ACR/008	1 + 2 + 3 + 4 (diameter 0.80 mm)	Yellow E3
TSE 121 ACR/009	1 + 2 + 3 + 4 (diameter 0.90 mm)	Light green K3
TSE 121 ACR/010	1 + 2 + 3 + 4 (diameter 1.00 mm)	Black J3
TSE 121 ACR/011	1 + 2 + 3 + 4 (diameter 1.10 mm)	Dark gray J2
TSE 121 ACR/012	1 + 2 + 3 + 4 (diameter 1.20 mm)	Red B3
TSE 121 ACR/013	1 + 2 + 3 + 4 (diameter 1.30 mm)	Light brown I1
TSE 121 ACR/014	1 + 2 + 3 + 4 (diameter 1.40 mm)	Light gray J1
TSE 121 ACR/015	1 + 2 + 3 + 4 (diameter 1.50 mm)	Blue F3
TSE 121 ACR/016	1 + 2 + 3 + 4 (diameter 1.60 mm)	Purple K1
TSE 121 ACR/018	1 + 2 + 3 + 4 (diameter 1.80 mm)	Dark orange C3
TSE 121 ACR/020	1 + 2 + 3 + 4 (diameter 2.00 mm)	Dark green H3
TSE 121 ACR/025	1 + 2 + 3 + 4 (diameter 2.50 mm)	Dark blue G3
TSE 121 ACR/030	1 + 2 + 4 (diameter 3.00 mm)	Dark brown I3



## Accessories for dynamometric screwdrivers - STD

Quick-change adapter	ACR identification ring	Reduction sleeve	TR identification ring	Blades
1	2	3	4	-



Article no.	Included	TR identification ring color
STD/005	3 + 4 + blade in diameter 0.50 mm	Light orange C1
STD/006	3 + 4 + blade in diameter 0.60 mm	Natural anodized
STD/007	3 + 4 + blade in diameter 0.70 mm	Gold D1
STD/008	3 + 4 + blade in diameter 0.80 mm	Yellow E3
STD/009	3 + 4 + blade in diameter 0.90 mm	Light green K3
STD/010	3 + 4 + blade in diameter 1.00 mm	Black J3
STD/011	3 + 4 + blade in diameter 1.10 mm	Dark gray J2
STD/012	3 + 4 + blade in diameter 1.20 mm	Red B3
STD/013	3 + 4 + blade in diameter 1.30 mm	Light brown I1
STD/014	3 + 4 + blade in diameter 1.40 mm	Light gray J1
STD/015	3 + 4 + blade in diameter 1.50 mm	Blue F3
STD/016	3 + 4 + blade in diameter 1.60 mm	Purple K1
STD/018	3 + 4 + blade in diameter 1.80 mm	Dark orange C3
STD/020	3 + 4 + blade in diameter 2.00 mm	Dark green H3
STD/022	3 + 4 + blade in diameter 2.20 mm	Rose B1
STD/025	3 + 4 + blade in diameter 2.50 mm	Dark blue G3
STD/030	4 + blade in diameter 3.00 mm	Dark brown I3