SCREWDRIVING *SOLUTION*

Screwdriver vacuum sleeve selection chart

The correct screwdriver bit and vacuum sleeve combination must be selected to get proper results.

*** The following chart only shows the maximum bit gauge size for a given sleeve.**
Select the bit according to the screw specifications.

Machine screws or self-tapping screws? ⇨ Metric or imperial system? ⇨ Phillips, Torx® or Hex? ⇨ Rounded, socket or flat head? ⇨ Screw diameter?

SELF-TAPPING SCREWS

METRIC SCREWS

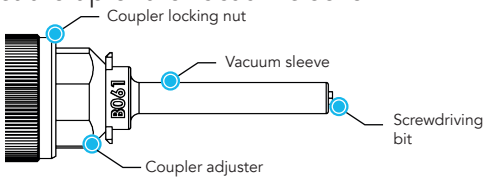
Screw type	Phillips		Torx®	
	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve
Rounded head				
M2.5	PH1	C052		
			T8	A052
M2.9	PH1	C062		
M3	PH1	C062		
M3.12			T10	A062
	PH2	C072		
M3.63			T15	A072
M3.9	PH2	C085		
M4	PH2	C085		
Flat head				
M2.9	PH1	D061		
M3.5	PH2	D070		
M3.9	PH2	D082		

IMPERIAL SCREWS

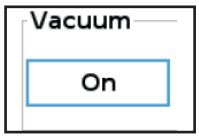
Screw type	Phillips		Torx®	
	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve
Rounded head				
#4	PH1	C062	T8	A062
#6			T10	A062
	PH2	C072	T15	A072
#8	PH2	C085	T20	A083
Flat head				
#4	PH1	D061	T8	B061
#6	PH2	D070	T10	B072
#8	PH2	D082	T15	B082
			T20	B095

Vacuum sleeve adjustment procedure:

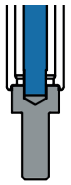
1. Set the coupler adjuster so that the tip of the screwdriving bit protrudes slightly past the tip of the vacuum sleeve.



2. In the Screwdriver Toolbar, tap the **On** button to enable the vacuum action.



3. Hold a screw corresponding to your application at the tip of the screwdriving bit.



4. Raise (screw) the coupler adjuster until the screw icon becomes gray (if required).

5. Lower (unscrew) the coupler adjuster until the screw icon turns from gray to green.



6. Tighten the coupler locking nut by hand to secure the adjustment.

Quick troubleshooting

"The screwdriving bit has too much runout."

- The bit holder knob might not be adjusted correctly. ⇨ Tighten the bit holder with a torque between 0.5 and 1 Nm.
  - Tip : In absence of a torque wrench or torque meter, tighten the assembly until it no longer turns, then unscrew it half a turn.
- The bit might be crooked. ⇨ Replace bit.
- The O-ring inside the bit holder might be incorrectly positioned, fatigued or missing.
  ⇨ Inspect and replace the O-ring if needed. Refer to the instruction manual for more information.

*** The following chart only shows the maximum bit gauge size for a given sleeve. Select the bit according to the screw specifications.**

MACHINE SCREWS

METRIC SCREWS

Screw type	Phillips		Torx®		Hex	
	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve
Rounded head						
M2.5	PH1	**C052**	T8	**A052**		
M3	PH1	**C062**	T10	**A062**	2	**A062**
M4	PH2	**C085**	T20	**A083**	2.5	**A083**
Socket head						
M2.5			T8	**E050**	2	**E050**
M3			T10	**E061**	2.5	**E061**
M4			T20	**E072**	3	**E072**
Flat head						
M2.5	PH1	**D050**	T8	**B050**		
M3	PH1	**D061**	T8	**B072**	2	**B061**
			T10	**B061**		
M4	PH2	**D082**	T20	**B095**	2.5	**B082**

IMPERIAL SCREWS

Screw type	Phillips		Torx®		Hex	
	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve	Max. bit size*	# Vacuum sleeve
Rounded head						
#3	PH1	**C052**				
#4	PH1	**C062**	T8	**A062**		
			T10	**A062**		
#5	PH1	**C085**			5/64	**A062**
	PH2	**C072**				
#6	PH2	**C072**	T10	**A072**	5/64	**A072**
			T15	**A072**		
#8	PH2	**C085**	T15	**A083**	3/32	**A083**
			T20	**A083**		
Socket head						
#3					5/64	**E045**
#4					3/32	**E050**
#5			T10	**E061**	3/32	**E061**
#6			T15	**E061**	7/64	**E061**
#8			T25	**E072**	9/64	**E072**
Flat head						
#3	PH1	**D050**				
#4	PH1	**D061**	T8	**B072**		
#5	PH1	**D061**	T10	**B072**	5/64	**B072**
	PH2	**D061**				
#6	PH2	**D070**	T10	**B072**	5/64	**B082**
#8	PH2	**D082**	T15	**B082**	3/32	**B095**
			T20	**B095**		

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