



General Industry Catalog

**For general & industrial shop
and field operations.**

SCREWDRIVERS



*Straight shape
for vertical applications*



*Pistol grip for horizontal
applications or for better
controllability*

HOW TO SELECT YOUR FASTENING SCREWDRIVERS?

STEP 1

Applications

- ▶ Materials/
Fasteners
- ▶ Joint types
- ▶ Accuracy
- ▶ Torque/Speed
- ▶ Duty

STEP 2

Screws

- ▶ Shape
- ▶ Size
- ▶ Access
- ▶ Bits

STEP 3

Tools

- ▶ Clutch type
- ▶ Torque/Speed
- ▶ Handle type

CLUTCH TYPE

- ▶ **IMPACT CLUTCH (ROCKING DOG)**
 - Good on very soft joints providing high speed rundown
- ▶ **DIRECT DRIVE**
 - No clutch, directly driven bit
 - Stall torque regulated to air pressure
 - Easy to use by maintain
 - Ergonomic handling (light weight, size...)
- ▶ **POSITIVE CLUTCH**
 - Good for varying torque applications
 - Operator can force clutch engagement for higher torque
 - Excellent for wood applications
- ▶ **CUSHION CLUTCH**
 - High speed rundown
 - Torque output adjusted by spring tension
 - Clutch ratchets at preset torque
 - Easy to use, adjust and to maintain
- ▶ **SHUT-OFF CLUTCH**
 - Clutch shut-off at preset torque
 - Various speed models available
 - Torque adjustment for accurate tightening
 - Various shapes for all types of applications



CLUTCH TYPES

IMPACT

DIRECT

POSITIVE

CUSHION

SHUT-OFF

SUPER
INDUSTRIAL

CP2810
CP2811

CP2822
CP2612
CP2812

CP2824
CP2814

INDUSTRIAL MAINTENANCE
AND PRODUCTION

CP2755
CP2765

CP2780

CP2623
CP781
CP782

CP2611
CP2621
CP2622

GENERAL MAINTENANCE

CP2136
CP2141

Screwdrivers

SCREWDRIVER SELECTION

1. Types of Screws

Many types of screws are available and are selected depending on the applications and materials. In addition, thread geometry (insertion speed), and head imprint also influence the choice of the bits and the screwdrivers.

THE MAIN SCREWS TYPES ARE:		THE TYPE OF IMPRINT MAY BE...	
	METRIC Generally used with nuts and threaded holes.		SLOTTED Mainly used in the wood, eye-glasses, electronics sectors, etc.
	SELF-THREADING These form the thread and tighten at the same time. The thread is created by deformation of the material, making this kind of screw particularly suitable for plastic, wood and other lightweight materials.		CROSS-SLOTTED (PHILIPS-POZI-DRIVE) Used on plastic, sheet metal and wood; the cross-slot improves the connection between screw and screwdriver.
	SELF-TAPPING These are metric screws with special grooves on their threaded shanks which allow the shavings created during tightening to be removed.		TORX This transmits higher torque levels with lower axial thrust. The imprint offers a larger surface contact and effective connection with minimum clearance.
	THREE-LOBE These are metric screws that tap through the special lobe shape of the shank, thereby deforming the material rather than removing it.		HEX SOCKET SCREW (Allen screw) Normally with metric pitch, it can be used in small spaces.
	SELF-DRILLING These are self-threading screws with a special "drill" tip that makes the hole during drilling.		HEX HEAD Used in many sectors, both in the metric and in the self-threading and self-drilling versions etc. Particularly effective for high tightening torque levels.
THE SCREWS CAN BE FITTED WITH:			
	BUILT-IN FLAT WASHER This improves the quality of tightening and makes tightening cycle times quicker.		KNURLED WASHER UNDER THE HEAD Fixed or mobile, it reduces the chances of the screw from accidentally loosening.

2. Screws Selection Charts

Fastener Torque Values for metric screws:

GRADES	ISO MACHINE SCREWS					THREAD FORMING/ ROLLING SCREWS
	4.6	5.8	8.8	10.9	12.9	8.8
THREAD SIZE	RECOMMENDED TORQUE (Nm)					RECOMMENDED TORQUE (Nm)
M1.6	0.07	0.12	0.19	-	-	-
M2	0.15	0.24	0.38	-	-	0.5
M2.2	0.19	0.31	0.51	-	-	-
M2.5	0.28	0.48	0.77	-	-	-
M3	0.51	0.85	1.4	1.9	2.3	1.4
M3.5	0.8	1.34	2.2	3.0	3.6	-
M4	1.2	2.0	3.2	4.5	5.4	3.2
M5	2.4	4.0	6.4	9.0	10.7	6.5
M6	4.1	6.8	10.9	15.3	18.3	11
M8	9.8	16.3	26.1	36.8	44.1	26
M10	19.3	32.2	51.5	72	86.9	52
M12	33.6	56	90	126	151	91

For non metric threads, please use the following data as a guide:

THREAD SIZE	QUALITY P		QUALITY S		QUALITY T	
In.	Nm	lbf ft	Nm	lbf ft	Nm	lbf ft
1/4	5.4	4.0	10	7.6	11	8.2
5/16	11.2	8.3	21	15.7	23	17.0
3/8	20.0	14.7	38	27.9	41	30.2
7/16	32.0	23.5	61	44.8	85	48.3
1/2	48.8	36.0	93	68.4	100	73.8

3. Screwdrivers Torque and Speed range

SHAPE	TYPE OF CLUTCH	MODEL	TORQUE RANGE ft.lbs (Nm)																FREE SPEED rpm	START
			1.47	2.95	4.42	5.9	7.37	8.85	10.3	11.8	13.3	14.7	16.2	17.7	19.2	20.6	22.1	23.6		
			(2)	(4)	(6)	(8)	(10)	(12)	(14)	(16)	(18)	(20)	(22)	(24)	(26)	(28)	(30)	(32)		
STRAIGHT	IMPACT	CP2136																	10,000	LEVER
PISTOL	IMPACT	CP2141																	13,000	TRIGGER
PISTOL	DIRECT	CP2755																	2,200	TRIGGER
PISTOL	DIRECT	CP2765																	900	TRIGGER
PISTOL	DIRECT	CP2810																	2,400	TRIGGER
PISTOL	DIRECT	CP2811																	750	TRIGGER
PISTOL	POSITIVE	CP2780																	2,100	TRIGGER

SHAPE	TYPE OF CLUTCH	MODEL	0.37	0.74	1.47	2.21	2.95	3.69	4.42	5.16	5.90	6.64	7.37	8.11	8.85	rpm	
			(0.5)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
STRAIGHT	CUSHION	CP2623														1,700	LEVER
STRAIGHT	CUSHION	CP2822														1,300	LEVER
STRAIGHT	CUSHION	CP782														1,800	LEVER
PISTOL	CUSHION	CP2612														1,700	TRIGGER
PISTOL	CUSHION	CP2812														950	TRIGGER
PISTOL	CUSHION	CP781														800	TRIGGER
STRAIGHT	SHUT-OFF	CP2824														1,500	LEVER
STRAIGHT	SHUT-OFF	CP2622														1,700	PUSH
STRAIGHT	SHUT-OFF	CP2621														1,000	PUSH
PISTOL	SHUT-OFF	CP2814														1,100	TRIGGER
PISTOL	SHUT-OFF	CP2611														1,000	TRIGGER

Screwdrivers

Impact clutch screwdriver



10,000 RPM



CP2136

COMPACT, QUICK AND EASY TO USE

FEATURES AND BENEFITS

- Double rocking dog clutch and metal housing for a good durability
- Reversible button, built-in power regulator and starting lever for great ease of use
- Suspension bail for better ergonomics
- Low air consumption for better efficiency
- Lightweight to minimize fatigue



13,000 RPM



CP2141

COMPACTNESS AND HIGH SPEED FOR GLOBAL USE

FEATURES AND BENEFITS

- Double rocking dog clutch and metal housing for a good durability
- Reversible one-hand button for better ease of use
- Low noise level for operator comfort
- Compact design for maximum accessibility in tight spaces

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MIN TORQUE (FW)		MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S ²)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2136	894 102 1360	1/4	10,000	5.9	8	15.5	21	1.5	0.68	7.28	185	8.8	4.2	7.4	2.8	89	100	1/4
CP2141	894 102 1410	1/4	13,000	7.4	10	17.7	24	1.92	0.87	5.63	143	18	8.5	5.3	2.1	77	88	1/4

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

Listed specifications are for reference only. Please check documents in each tool.



Screwdrivers

Pistol Direct drive screwdriver



2,200 RPM



CP2755

FASTENING TOOL FOR SOFT APPLICATIONS

FEATURES AND BENEFITS

- Fast screw rundown in direct drive for better productivity
- Reverse control at the trigger for better comfort
- Rubber grip for better handling
- Progressive trigger for better ergonomics



2,400 RPM



CP2810

ROBUST AND PRECISE PISTOL DESIGN FOR HEAVY DUTY APPLICATIONS

FEATURES AND BENEFITS

- Durable stall torque clutch for various fastening
- Light weight for intensive use.
- Robust aluminium body, even for heavy duty application
- Convenient progressive trigger and one-hand reverse button for ergonomic handling

CP2765

Same as CP2755 with higher torque

CP2811

Same features as CP2810 with 750 rpm

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S ²)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2755	615 192 2755	1/4	2,200	5.4	7.3	2.27	1.03	6.3	160	29	14	<2.5	-	90	101	1/4
CP2765	615 192 2765	1/4	900	6.6	9	2.6	1.18	7.01	178	29	14	<2.5	-	99	110	1/4
CP2810	615 163 0070	1/4	2,400	3.3	4.5	1.76	0.8	7.2	183	11	5.6	<2.5	-	83	94	1/4
CP2811	615 163 0060	1/4	750	8.9	12	1.98	0.9	8.03	204	11	5.6	<2.5	-	83	94	1/4

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

Listed specifications are for reference only. Please check documents in each tool.

Screwdrivers



CP2780

RPM 2,100

POSITIVE CLUTCH FOR SOFT APPLICATIONS

For fastening operations in soft applications, the CP2780 positive clutch screwdriver offers compactness and high speed for high performance.



FEATURES AND BENEFITS

- Fast screw rundown in positive clutch for better productivity
- Convenient one-handed reverse for better comfort
- Rubber grip for better handling
- Progressive trigger for better ergonomics
- Operator can control clutch engagement for higher torque

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S2)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2780	615 192 2780	1/4	2,100	7.4	10	2.34	1.06	6.46	164	29	14	<2.5	-	89	100	1/4

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

Listed specifications are for reference only. Please check documents in each tool.

Screwdrivers

Straight cushion clutch screwdrivers



1,700 RPM



CP2623

HIGH SPEED FOR HIGH PRODUCTIVITY

FEATURES AND BENEFITS

- Reliable cushion clutch for various fastening applications
- Keyless quick torque setting, color rings for torque identification
- Robust aluminum body with rubber grip, even for heavy duty applications
- Convenient straight push-to-start operation and one-hand reverse button
- Low noise and vibration for operator comfort



1,800 RPM



CP782

THE CLASSIC ROBUSTNESS FOR GENERAL REPAIR

FEATURES AND BENEFITS

- Fast screw fastening in cushion clutch and high torque for better productivity
- External clutch adjustment
- Convenient single-handed forward/reverse valve for better ease of use
- Progressive lever start and suspension bail



1,300 RPM



CP2822

WIDE TORQUE AND SPEED RANGE WITH HIGH RELIABILITY

FEATURES AND BENEFITS

- Reliable cushion clutch for various fastening applications
- Keyless quick torque setting
- Robust aluminum body and clutch housing, even for heavy duty applications
- Rubber grip and one-hand reverse button for operator comfort

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MIN TORQUE (FW)		MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S2)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2822	615 163 0090	1/4	1,300	1.5	2	4.4	6	1.98	0.9	9.84	250	8.5	4	<2.5	-	83	94	1/4
CP2623	615 192 2623	1/4	1,700	1.1	1.5	4.1	5.5	1.76	0.8	8.15	207	27	13	<2.5	-	78	89	1/4
CP782	T025097	1/4	1,800	2.6	3.5	3.7	4.97	2.49	1.13	9.65	245	16	7.6	<2,5	-	93.9	104.9	1/4

Pistol cushion clutch screwdrivers

800 RPM



CP781

THE CLASSIC ROBUSTNESS FOR GENERAL REPAIR

FEATURES AND BENEFITS

- Fast screw fastening in cushion clutch high torque for better productivity
- External clutch adjustment
- Convenient single-handed forward/reverse for better ease of use
- Robust aluminum body and steel clutch housing
- Convenient single-handed forward/reverse for better ease of use

950 RPM



CP2812

WIDE TORQUE AND SPEED RANGE WITH HIGH RELIABILITY

FEATURES AND BENEFITS

- Reliable cushion clutch for various fastening applications
- Keyless quick torque setting
- Robust aluminum body and clutch housing, even for heavy duty applications
- Rubber grip and one-hand reverse button for operator comfort

1,700 RPM



CP2612

SPEED COMPACTNESS MULTIPLE OPERATING POSITIONS

FEATURES AND BENEFITS

- Reliable cushion clutch for various fastening applications
- Low noise and vibration for operator comfort
- Keyless quick torque setting and light composite body for better ergonomic handling. Color rings for torque identification
- Progressive trigger & reverse on top
- 3 air inlets for versatile access

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MIN TORQUE (FW)		MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S ²)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP781	T025096	1/4	800	4.6	6.2	8.3	11.3	3	1.36	8.9	226	25	11	<2.5	-	99.5	110.5	1/4
CP2812	615 163 0080	1/4	950	1.8	2.5	8.1	11	2.43	1.1	9.13	232	17	8.4	<2.5	-	82	93	1/4
CP2612	615 192 2612	1/4	1,700	0.7	1	4.4	6	1.98	0.9	7.48	190	21	10	<2.5	-	77	88	1/4

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

Listed specifications are for reference only. Please check documents in each tool.



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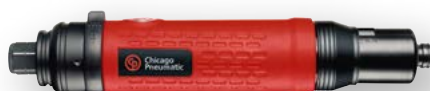
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Screwdrivers

Straight shut-off clutch screwdrivers



1,000 RPM



CP2621

STRAIGHT DESIGN, EASY HIGH TORQUE SETTING FOR HIGH PRECISION

FEATURES AND BENEFITS

- Accurate and durable shut-off clutch for various fastening
- Keyless quick torque setting
- Robust aluminum body with rubber grip, even for heavy duty applications
- Convenient straight push-to-start operation and one-hand reverse button



1,500 RPM



CP2824

ROBUST AND PRECISE PISTOL DESIGN FOR HEAVY DUTY APPLICATIONS

FEATURES AND BENEFITS

- Accurate and durable shut-off clutch for various fastening
- Low noise level
- Robust aluminum body, even for heavy duty applications
- Convenient progressive trigger and one-hand reverse button for ergonomic handling

CP2622

Same features as CP2621
with higher speed 1700 rpm

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MIN TORQUE (FW)		MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (MS2)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2621	615 192 2621	1/4	1,000	0.6	0.8	4.8	6.5	1.76	0.8	9.13	232	30	14	<2.5	-	76	87	1/4
CP2622	615 192 2622	1/4	1,700	0.4	0.5	3.3	4.5	1.76	0.8	9.13	232	29	13	<2.5	-	75	86	1/4
CP2824	615 163 0100	1/4	1,500	0.4	0.5	1.2	1.6	1.98	0.9	8.74	222	12	6	<2.5	-	73	0	1/4

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

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Pistol shut-off clutch screwdrivers



CP2611

3 AIR INLETS TO PROVIDE VERSATILITY AND PRECISION IN USE

FEATURES AND BENEFITS

- Accurate and durable shut-off clutch for various fastening
- Keyless quick torque setting
- Light composite body for better ergonomic handling
- Progressive trigger & reverse on top
- 3 air inlets for versatile access



CP2814

ROBUST AND PRECISE PISTOL DESIGN FOR HEAVY DUTY APPLICATIONS

FEATURES AND BENEFITS

- Accurate and durable shut-off clutch for various fastening
- Low noise level
- Robust aluminum body, even for heavy duty applications
- Convenient progressive trigger and one-hand reverse button for ergonomic handling

See accessories page 206

MODEL	PART NUMBER	OUTPUT DRIVE	FREE SPEED	MIN TORQUE (FW)		MAX TORQUE (FW)		NET WEIGHT		LENGTH		FREE SPEED AIR CONS.		VIBRATION LEVEL ISO 28927 (M/S ²)		SOUND PRESS.	SOUND POWER	AIR INLET
		in.	rpm	ft.lb	Nm	ft.lb	Nm	lb	kg	in.	mm	cfm	l/s	a	k	ISO 15744 - dB(A)		in.
CP2611	615 192 2611	1/4	1,000	0.7	1	5.5	7.5	2.43	1.1	9.25	235	21	10	<2.5	-	80	91	1/4
CP2814	615 192 2005	1/4	1,100	0.3	0.4	3.2	4.3	1.76	0.8	7.17	182	13	6.5	<2.5	-	76	87	1/8

All models: Hose int. 3/8" (10 mm) - @90 PSI (@6.3 Bar)

Listed specifications are for reference only. Please check documents in each tool.



Screwdrivers accessories

ACCESSORIES INCLUDED



MODEL	DESCRIPTION	PART NUMBER
CP2612/CP2611	SUSPENSION RING KIT	894 016 8729
CP2136	HOOK	894 017 0488
CP2822/CP2824	SUSPENSION YOKE	615 450 1975
CP2623/CP2621/CP2622	ACCESSORIES KIT	894 016 8785
CP782	HANGER	C148806
CP2824/CP2822	SUSPENSION YOKE	615 450 1975
CP2612/CP2611/CP2621	COLOR RING KIT	894 016 8074
CP2814	SUSPENSION BALL	615 450 2775

OPTIONAL ACCESSORIES



MODEL	DESCRIPTION	PART NUMBER
CP2755/CP2765	NOISE REDUCER KIT	205 051 6493
CP2822/CP2812	SIDE HANDLE	615 182 0078
CP2810/CP2811/CP2824	SIDE HANDLE	615 182 0079
CP2755/CP2765/CP2780	HANDLE KIT	894 016 8856
CP2623	SIDE HANDLE ASSY	205 049 8553

STUD CLEANER (RECOMMENDED WITH CP2755)



MODEL	DESCRIPTION	DIAMETER		LENGTH		REPLACEMENT BRUSHES
		in.	mm	in.	mm	
894 016 9927	BOLT CLEANER M20x60L	13/16	20	2,375	60	894 016 9934
894 016 9928	BOLT CLEANER M22x60L	7/8	22	2,375	60	894 016 9935
894 016 9929	BOLT CLEANER M24x60L	15/16	24	2,375	60	894 016 9936
894 016 9793	BOLT CLEANER M22x37L	7/8	22	1,4375	37	894 016 9931
894 016 9795	BOLT CLEANER M30x60L	1 3/16	30	2,375	60	894 016 9933



BALANCERS SELECTION	LOAD RANGE		STROKE		NET WEIGHT		PART NUMBER	CP TOOLS
	lb.	kg	ft.	mm	lb.	kg		
CP9911 (up to 1 Kg.)	0.8-2.2	0.4-1.0	5.2	1,600	1.3	0.6	894 109 9110	CP2136/CP2141/CP2612/CP2621/CP2622/CP2623/CP2810/CP2811/CP2814/CP2822/CP2824
CP9912 (up to 2 Kg.)	2.2-4.4	1.0-2.0	5.2	1,600	1.3	0.6	894 109 9120	CP2824/CP2755/CP2765/CP2780/CP2812/CP781/CP782

TUNE-UP KITS & REPAIR KITS

TOOL'S MODEL	TUNE UP KIT PART NUMBER
CP2041	894 020 8402
CP2042	894 020 8406
CP2136	894 017 0493
CP2141	894 017 0516
CP2765	205 050 7803
CP2780	205 051 6763
CP2611	894 016 8415
CP2612	894 016 8416
CP2622	894 016 8464
CP2623	894 016 8330
CP2755	205 050 7773
CP2665	205 050 7803

LUBRICATION

OIL PROTECTO-LUB FOR MOTOR	PART N°
CPA1015 MOTOR OIL 125 mL	894 017 6598
CPA1014 MOTOR OIL 1L	894 017 6597
CPA1016 MOTOR OIL 5L	894 017 6599

