

Abbeon Cal, Inc.

1363 Donlon Street Unit 1, Ventura, CA 93003-8387 www.abbeon.com - abbeoncal@abbeon.com

PGNS FS

TORQUE SCREWDRIVER TYPE PGNS FS

0.2 - 4.5 N·m / pre-set

Use:

- > Controlled screw tightening in the range 0.2 4.5 N·m
- > Serial manufacture with constant tightening value
- > Precision mechanics and industrial manufacturing
- > Basic model

Features:

Pre-set torque screwdriver without a scale

- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 C 6.3 Working accuracy: +/-10 % tolerance of the set torque, without calibration certificate
- > Acc. to DIN EN ISO 6789, traceable to national standards

- > Precision mechanism slips very noticeably through when set torque is reached
- > For controlled directional tightening, anti-clockwise operation for loosening
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > If ordering, please specify the N·m value if a fixed factory setting is desired (price on request)

Scope of delivery:

- > Torque screwdriver type PGNS FS
- > Delivered in sturdy cardboard packaging











"	\bigcirc	cN∙m	N·m	l⊲ mm ►l	$\Delta_{kg}^{+}\Delta$	Code	No.
1/4	6.3	20-150	0,2-1,5	138	0.198	2927721	PGNS 1.5 FS
1/4	6.3	50-450	0,5-4,5	138	0.198	2927748	PGNS 4.5 FS

PGNP FS

TORQUE SCREWDRIVER TYPE PGNP FS



Use:

- > Controlled screw tightening in the range 0.05 13.5 N·m
- > Serial manufacture with constant tightening value
- > Electronic industry, precision mechanics and industrial manufacturing

Features:

Pre-set torque screwdriver without a scale

- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 C 6.3
- Classified to DIN EN ISO 6789:2003 Type II Class F, with a factory certificate allowing for operations to be traced back
- > Calibrated to a permitted +/- 6 % deviation of the set torque
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when set torque is reached
- > Automatic resetting to the starting position

Fatigue-free working due to an ergonomic hand grip and a smoth tool reset action

- > Calibration stickers can be easily applied to the purpose designed nose
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- If ordering, please specify the N·m value if a fixed factory setting is desired (price on request)

Scope of delivery:

- > Torque screwdriver type PGNP FS
- > Models 4.5 and 13.5 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging















<u></u> "	0	cN∙m	N·m	l⊲ mm ►l	$\Delta_{kg}^{\dagger}\Delta$	Code	No.
1/4	6.3	5-25	0,05-0,25	132	0.210	2927756	PGNP 0.25 FS
1/4	6.3	20-150	0,2-1,5	132	0.210	2927764	PGNP 1.5 FS
1/4	6.3	50-450	0,5-4,5	140	0.230	2927772	PGNP 4.5 FS
1/4	6.3	250-1350	2,5-13,5	140	0.230	2927780	PGNP 13.5 FS

Plastic Working Tools and Industrial Supplies

Abbeon Cal, Inc.

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PGNE FS

TORQUE SCREWDRIVER TYPE PGNE FS

0.05 - 13.5 N·m / pre-set

Use:

- > Controlled screw tightening in the range 0.05 13.5 N·m
- > Serial manufacture with constant tightening value
- > Electronic industry, precision mechanics and industrial manufacturing

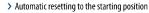
Features:

Pre-set torque screwdriver without a scale

- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 C 6.3
- > Classified to DIN EN ISO 6789:2003 Type II Class F, with a factory certificate allowing for operations to be traced back
- > Calibrated to a permitted +/- 6 % deviation of the set torque

EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications

- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when set torque is reached



Fatigue-free working due to an ergonomic hand grip and a smoth tool reset action

- > Calibration stickers can be easily applied to the purpose designed nose
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > If ordering, please specify the N·m value if a fixed factory setting is desired (price on request)

Scope of delivery:

- > Torque screwdriver type PGNE FS
- > Models 4.5 and 13.5 with additional sliding T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging

















○"	\circ	cN·m	N⋅m	∢ mm ►	$\Delta_{kg}^{+}\Delta$	Code	No.
1/4	6.3	5-25	0,05-0,25	132	0.210	2927799	PGNE 0.25 FS
1/4	6.3	20-150	0,2-1,5	132	0.210	2927802	PGNE 1.5 FS
1/4	6.3	50-450	0,5-4,5	140	0.230	2927810	PGNE 4.5 FS
1/4	6.3	250-1350	2,5-13,5	140	0.230	2927829	PGNE 13.5 FS

755

TOROUE SCREWDRIVER TYPE FS

0.04-13.6 N·m / pre-set

Use:

- > Controlled screw tightening in the range 0.04 13.6 N·m
- > Serial manufacture with constant tightening value
- > Electronic industry, precision mechanics and industrial manufacturing

- > Pre-set torque screwdriver without a scale
- > With 1/4" female hexagon drive for use with 1/4" hexagon bits as per DIN 3126 C 6.3
- > With adaptor also suitable for 1/4" square drive sockets as per DIN 3124
- > Working accuracy: +/- 6 % tolerance of the set torque
- > Acc. to DIN EN ISO 6789, traceable to national standards
- > Precision radial ball clutch and cam design for controlled bi-directional tightening
- > Precision mechanism slips very noticeably through when the set torque is reached
- > Automatic resetting to the starting position
- > Lightweight construction by virtue of anodised aluminium handgrips
- > The pre-setting can be made at the factory or by the user on suitable torque testers
- > If ordering, please specify the N·m value if a fixed factory setting is desired (price on request)

Scope of delivery:

- > Torque screwdriver type 755
- > 1/4" square/hexagon drive adaptor (no. 757-20)
- > Model 755-05 with additional removable T-bar for ease of use
- > Test certificate acc. to DIN EN ISO 6789
- > Delivered in sturdy cardboard packaging







5-02		

755-01

755-05

O "	0	"		cN·m	N⋅m	l⊲ mm ►l	$\Delta_{kg}^{+}\Delta$	Code	No.
1/4	6.3	1/4	6.3	4,4-22	0,04-0,22	76	0.050	1471481	755-01
1/4	6.3	1/4	6.3	4,4-22	0,04-0,22	104	0.072	1471473	755-02
1/4	6.3	1/4	6.3	27-135	0,27-1,35	111	0.210	1471465	755-03
1/4	6.3	1/4	6.3	80-400	0,8-4,0	127	0.280	1471457	755-04
1/4	6.3	1/4	6.3		2,8-13,6	137	0.325	1228501	755-05









