



KOMET
Locking Screws
with TORX PLUS® torque key

TORX PLUS®



KOMET locking screws with TORX PLUS®

Special features

From now on KOMET will be using the TORX PLUS® system for locking screws for inserts and holding screws for insert cartridges, drill heads and spares.

Improvements to detail to great effect

The new geometry of the head engagement with the TORX PLUS® system has been designed so that little wear is caused when the tightening moment is applied.

Advantages:

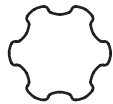
- 100% longer life for screwdriver
- 25% higher torque transmission
- improvement to torsion resistance and production reliability



Cross section

TORX PLUS®

TORX



Safer screw connections

The facility for applying greater forces (clamping torque) has a direct effect on the safety of your screw connection.

This advantage also applies when loosening existing screw connections. KOMET screws with TORX PLUS® are coated with achrolyte, with highly polished finish to reduce friction and increase resistance to impact.

Areas of use

Locking screws with the TORX PLUS® system are initially for use with the following KOMET programmes (see table):



KUB Trigon®

KUB Quatron®

KUB Duon®

KUB Centron®

Torque key for TORX PLUS®

Special Features

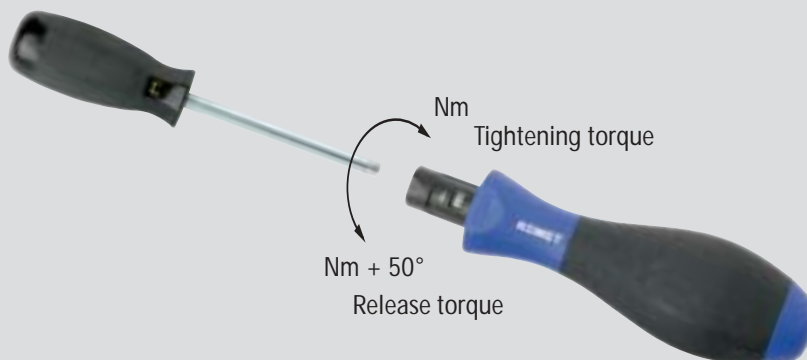
To ensure the correct starting torque on screws, the torque key from the TORX PLUS® system has:

- Ergonomically designed cellulose acetate handle - chemical and oil resistant
- Fine grained surface on handle ensures maximum force transmission even if hands are oily
- Compact and particularly light construction
- Chrome plated blade in high quality chrome vanadium molybdenum steel for heavy duty use
- Anti-roll design - stops the tool from rolling off the bench
- Optimum handle size for torque range
- KOMET supplies torque keys with fixed torques and torque handles with variable settings
- Complies with the following requirements:
EN ISO 6789, BS EN 26789, ASME B107.14M (with certificate)



Special note

Preset tightening torque and approx. 50% higher release torque to prevent screws from being damaged when releasing.



The keys for TORX PLUS® do not fit into Torx screws.
The old Torx keys do fit the new TORX PLUS® shape but we recommend only TORX PLUS® keys be used for tightening screws.
TORX PLUS® is a registered trademark for the Camcar Division of Textron Inc.

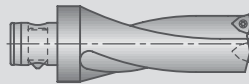
Order numbers

TORX PLUS® – TORX

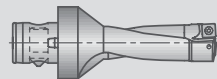
Note: All TORX PLUS® screws have a new order number but are identical in size (thread, length, head form) to the old KOMET Torx screws.

Article	Order No. TORX PLUS®	Head form	previous Order No. TORX	for inserts	used for product groups
S/M2×4,3-6IP	N00 56041	75°	N00 56040	W29 10, W83 13 (SOEX 0502)	KUB Centron®, KUB Trigon®, KUB Quatron®
S/M2,2×5,5-6IP	N00 57553	75°	N00 57552	W29 18, W83 18 (SOEX 0603)	KUB Centron®, KUB Trigon®, KUB Quatron®
S/M2,5×7,4-8IP	N00 57511	75°	N00 57510	W29 24	KUB Trigon®, KUB Centron®
S/M3,5×7,3-10IP	N00 57521	75°	N00 57520	W29 34	KUB Trigon®
S/M4,5×9-15IP	N00 57531	75°	N00 57530	W29 42, W29 50	KUB Trigon®
S/M5,5×11-20IP	N00 57541	75°	N00 57540	W29 58	KUB Trigon®
M5,5×8,5-20IP	N00 55891	cyl.	N00 55890	W29 58	KUB Trigon®
S/M2,5×6,3-8IP	N00 57571	75°	N00 57570	W83 23 (SOEX 07T3)	KUB Quatron®
S3575-15IP	N00 57261	55°	N00 57260	W83 32 (SOEX 0904)	KUB Quatron®
S45100-20IP	N00 57301	55°	N00 57300	W83 44 (SOEX 1205)	KUB Quatron®, KUB Centron® drill
S2560-8IP	N00 56651	55°	N00 56650	–	KUB Centron® drill
S3070-8IP	N00 57241	55°	N00 57240	–	KUB Centron® drill
S4085-15IP	N00 57440	55°	–	–	KUB Centron® drill
S2545-8IP	N00 57211	55°	N00 57210	–	KUB Centron® guide pads
M2,5×4,5-8IP	N00 55581	cyl.	N00 55580	–	KUB Centron® guide pads
S/M3×5,8-8IP	N00 57630	75°	–	XOHX1003.. Ø20,8-24,7	KUB Duon®
S/M3,5×6,9-10IP	N00 57640	75°	–	XOHX12T3.. Ø24,8-29,9	KUB Duon®
S/M4×8,7-15IP	N00 57650	75°	–	XOHX1504.. Ø30,0-36,0	KUB Duon®
S/M2,2×4,8-6IP	N00 57660	75°	–	XOHX0802.. Ø17,5-20,7	KUB Duon®

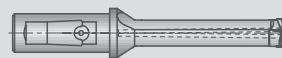
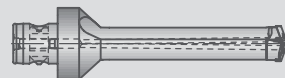
Size	Screwdriver	Flag key
	Order No.	Order No.
IP5	–	L05 01110
IP6	L05 00810	L05 01120
IP7	–	L05 01130
IP8	L05 00830	L05 01240
IP9	–	L05 01250
IP10	L05 00850	L05 01260
IP15	L05 00860	–
IP20	L05 00870	–



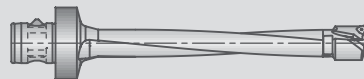
KUB Trigon®



KUB Quatron®



KUB Duon®



KUB Centron®





Torque key for TORX PLUS®



Order numbers


Fixed torque keys *TorqueFix*®

Supply includes: Torque key with replaceable blade

Torque key			Replaceable blade	
				
Article	Order No.	Starting torque Nm	Article	Order No.
Fxd. torq. IP 5	L05 00900	0,50	Blade IP 5	L05 00700
Fxd. torq. IP 6	L05 00910	0,62	Blade IP 6	L05 00710
Fxd. torq. IP 7	L05 00920	0,90	Blade IP 7	L05 00720
Fxd. torq. IP 8	L05 00930	1,28	Blade IP 8	L05 00730
Fxd. torq. IP 9	L05 00940	2,50	Blade IP 9	L05 00740
Fxd. torq. IP 10	L05 00950	2,80	Blade IP 10	L05 00750
Fxd. torq. IP 15	L05 00960	4,40	Blade IP 15	L05 00760
Fxd. torq. IP 20	L05 00970	6,25	Blade IP 20	L05 00770

Torque key handles *TorqueVario*® variable with graduated scale

Supply includes: Torque key handle complete with adjusting key and replaceable blade

Torque key		Adjusting key	
			
Article	Order No.	Article	Order No.
Variab. torq. IP 5 - 7	L05 00780	Adjusting key for <i>TorqueVario</i> ®	L05 00990
Variab. torq. IP 9 - 20	L05 00790		

Changing the torque

Insert adjusting key in variable torque key handle and turn to set the required torque. The appropriate IP size can be read from the graduated scale.



Remove blade



Insert adjusting key and set



Push blade in again

KOMET GROUP GmbH
 Zeppelinstraße 3
 D-74354 Besigheim
 Tel. +49(0)7143.373-0
 Fax +49(0)7143.373-233
 info@kometgroup.com
 www.kometgroup.com

Germany

KOMET Precision Tools
 GmbH & Co. KG
 Zeppelinstraße 3
 D-74354 Besigheim
 Tel. +49(0)7143.373-0
 Fax +49(0)7143.373-233
 info@komet.de

KOMET Metal Cutting Saws
 GmbH & Co. KG
 Postfach 15 07
 D-79550 Weil am Rhein
 Tel. +49(0)7621.9783-0
 Fax +49(0)7621.9783-22
 saegen@komet.de

KOMET GROUP GmbH
 Grossmattstraße 14
 D-79618 Rheinfelden
 Tel. +49(0)7623.7058-0
 Fax +49(0)7623.7058-111
 info@kometgroup.com

JEL Precision Tools GmbH + Co. KG
 Ruppmannstraße 32
 D-70565 Stuttgart / Vaihingen
 Tel. +49(0)711.78891-0
 Fax +49(0)711.78891-11
 info@jel.de

Brazil

KOMET do Brasil, Ltda.
 Rua Alexandre de Gusmao, 399
 São Paulo - SP, BRASIL
 Tel. ++55-11-56 81-98 04
 Fax ++55-11-56 81-98 02
 komet@kometdobrasil.com.br

France

KOMET S.A.R.L.
 13, Rue La Fayette
 B.P. 67
 F-67024 Strasbourg-Cedex 1
 Tel. ++33-3-88 / 79 36 60
 Fax ++33-3-88 / 79 28 80
 komet@komet-france.com

Great Britain

KOMET (UK) Ltd.
 Unit 4 Triton Park
 Brownsver Road
 Swift Valley / Rugby
 CV21 1SG
 Tel. ++44-17 88-57 97 89
 Fax ++44-17 88-57 97 90
 sales@komet.co.uk

Mexico

KOMET de Mexico
 S. de R. L. de C.V
 Acceso „A“, No. 110
 Parque Industrial Jurica,
 76120, Queretaro, Qro. Mexico
 Tel. ++52 442 2-18-25-44
 Fax ++52 442 2-18-20-77
 KometdeMexico@komet.com

Austria

KOMET Werkzeuge Ges.m.b.H.
 Wagramer Straße 173
 A-1220 Wien
 Tel. ++43-1-2 59 22-04
 ++43-1-2 59 22-12
 Fax ++43-1-2 59 22 12-76
 info@komet.at

Poland

KOMET-URPOL Sp.z.o.o.
 ul. Stoczniowców 2
 PL 47-200 Kędzierzyn-Koźle
 Tel. ++48-77-482 90 60
 Fax ++48-77-406 10 70
 urpol@urpol.com.pl

India

KOMET Precision Tools India Pvt. Ltd.
 121/B, Bommasandra Industrial Area
 BANGALORE - 560 099 INDIA
 Tel. ++91-80-7 83 48 21
 Fax ++91-80-7 83 44 95
 info@kometindia.com

Italy

KOMET Utensili S.R.L.
 Via Menotti Serrati 74
 I-20098 S. Giuliano Mil.
 Tel. ++39-02-98 40 28 1
 Fax ++39-02-98 44 96 2
 kometita@tin.it

Switzerland

Dihart AG Precision Tools
 Industriestrasse 2
 CH-4657 Dulliken
 Tel. ++41-62-2 85 42 00
 Fax ++41-62-2 85 42 99
 info@dihart.ch

USA

KOMET of America, Inc.
 2050 Mitchell Blvd.
 Schaumburg
 IL 60193-4544 USA
 Tel. ++1-8 47-9 23 / 84 00
 ++1-8 47-9 23 / 84 80
 Fax ++1-8 00-8 65 / 66 38
 customerservice@komet.com