



***UN UNICO INSERTO
ISPIRATO ALLE LINEE PREMIUM***
A SINGLE INSERT INSPIRED BY PREMIUM LINES

La linea E-PRO è studiata per garantire le massime prestazioni in ogni condizione di lavoro. Gli inserti sono **magnetici**, per assicurare un miglior trattenimento della vite e un avvitamento più preciso e sicuro. Grazie a geometrie dedicate e a trattamenti termici specifici, offrono una **resistenza alla torsione** superiore rispetto a un inserto standard, assicurando un angolo di torsione maggiore e una durata prolungata nel tempo. Sono inoltre progettati per resistere ai colpi e alle sollecitazioni degli **avvitatori a massa battente**, mantenendo altissime prestazioni anche nelle applicazioni più impegnative. Realizzata in **acciaio S2 di alta qualità**, è sottoposta a un processo di **tempra** che garantisce una durezza di **60 HRC**, assicurando elevate prestazioni e resistenza all'usura. La superficie dell'inserto è protetta da un **rivestimento di brunitura** anticorrosione, mentre l'impronta della vite, insieme alla misura, è **incisa su una delle facce**, rendendo **immediata l'identificazione dell'inserto corretto**.

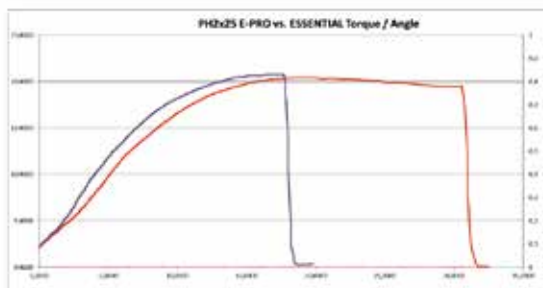
The E-PRO line is designed to guarantee maximum performance in all working conditions. This bits are magnetic to ensure better screw retention and more precise and secure tightening. Thanks to dedicated geometries and specific heat treatments, they offer superior torsional resistance compared to a standard bits, ensuring a greater torsion angle and prolonged durability. They are also designed to withstand the blows and stresses of impact wrenches, maintaining very high performance even in the most demanding applications. Made of high-quality S2 steel, it undergoes a hardening process that guarantees a hardness of 60 HRC, ensuring high performance and wear resistance. The surface of this bits is protected by an anti-corrosion burnishing coating, while the screw head, together with the size, is engraved on one of the faces, making it easy to identify the correct bit.



TORSION

Forma, acciaio e tempra ottimizzati per offrire all'inserto la massima elasticità;
angolo di torsione +100% rispetto ad un inserto normale.

Optimized shape, steel and hardening to give the bit maximum elasticity;
 +100% torsion angle compared to a normal bit.



ASCISSE = ANGOLO DI TORSIONE
 ORDINATE = COPPIA DI TORSIONE
 X-AXIS = TWIST ANGLE
 Y-AXIS = TWIST TORQUE

ESSENTIAL – linea blu – l'angolo di torsione si ferma a 18°
 E-PRO – linea rossa – l'angolo di torsione arriva fino a 32°
 ESSENTIAL – blue line – the torsion angle stops at 18°
 E-PRO – red line – the torsion angle reaches up to 32°



MAGNETIC

La punta è dotata di una carica magnetica per **aiutare il trattenimento della vite.**

The tip has a magnetic charge to help retaining screw.



IMPACT

Progettati e realizzati per resistere ai colpi di un avvitatore a massa battente;
resistenza +600% rispetto ad un inserto normale.

Designed and manufactured to withstand the blows of an impact wrench;
 +600% strength compared to a normal bit.



ESSENTIAL - 3 secondi-seconds
 E-PRO - 22 secondi-seconds



La gamma E-PRO è disponibile in due lunghezze: 25 mm con attacco 1/4C e 50 mm con attacco 1/4E, ideali per l'uso con avvitatore a impulsi e trapano avvitatore. A completare la versatilità della gamma, le impronte disponibili sono PH, PZ e TX.
 The E-PRO range is available in two lengths: 25 mm with 1/4C shank and 50 mm with 1/4E shank, which are ideal to be used with impact wrenches and drill drivers. To complete the range versatility, tips are available in PH, PZ and TX.

INSERTI 1/4" C - LAME 1/4" E - E-PRO 1/4" C BITS - 1/4" E POWER BITS - E-PRO

E-PRO

BLISTER APPENDIBILE



50x105 mm

BOX APPENDIBILE E RICHIUDIBILE



50x80 mm

EASYPACK



55x130 mm

61510



IMPRONTA/TIP	L mm
PH1	25
PH2	25
PH3	25

61511



IMPRONTA/TIP	L mm
PH1	50
PH2	50
PH3	50

61520



IMPRONTA/TIP	L mm
PZ1	25
PZ2	25
PZ3	25

61521



IMPRONTA/TIP	L mm
PZ1	50
PZ2	50
PZ3	50

61530



IMPRONTA/TIP	L mm
TX10	25
TX15	25
TX20	25
TX25	25
TX27	25
TX30	25
TX40	25

61531



IMPRONTA/TIP	L mm
TX10	50
TX15	50
TX20	50
TX25	50
TX30	50
TX40	50

66002

ASSORTIMENTO 7 PEZZI INSERTI + PORTAINSERTI E-PRO

7 PCS. SET - BITS + BIT-HOLDER E-PRO

MYBIT 7



100x120 mm



150x40x195 mm

CODICE/CODE

66002500

IMPRONTA/TIP	L mm	PCS.
PH2	25	1
PH3	25	1
PZ2	25	1
PZ3	25	1
TX25	25	1
TX30	25	1

+ Portainseriti magnetico 62013505

+ Magnetic bit holder 62013505

ESPOSITORE DA BANCO 12 PEZZI 12 PCS. BIT-SET DISPLAY

CODICE/CODE

66002504

66002

ASSORTIMENTO 7 PEZZI INSERTI + PORTAINSERTI E-PRO

7 PCS. SET - BITS + BIT-HOLDER E-PRO

MYBIT 7



100x120 mm



150x40x195 mm

CODICE/CODE

66002505

IMPRONTA/TIP	L mm	PCS.
PH1	25	1
PH2	25	1
PH3	25	1
PZ1	25	1
PZ2	25	1
PZ3	25	1

+ Portainseriti magnetico 62013505

+ Magnetic bit holder 62013505

ESPOSITORE DA BANCO 12 PEZZI 12 PCS. BIT-SET DISPLAY

CODICE/CODE

66002509

66005

ASSORTIMENTO 10 PEZZI INSERTI + PORTAINSERTI E-PRO

10 PCS. SET - BITS + BIT-HOLDER

MYBIT10



100x120 mm



150x40x195 mm

CODICE/CODE

66005500

IMPRONTA/TIP	L mm	PCS.
PH1	25	1
PH2	25	1
PH3	25	1
PZ1	25	1
PZ2	25	1
PZ3	25	1
TX20	25	1
TX25	25	1
TX30	25	1

+ Portainseriti magnetico 62013505

+ Magnetic bit holder 62013505

ESPOSITORE DA BANCO 12 PEZZI

12 PCS. BIT-SET DISPLAY

CODICE/CODE

66005504

66006

ASSORTIMENTO 15 PEZZI INSERTI + PORTAINSERTI E-PRO

15 PCS. SET - BITS + BIT-HOLDER

MYBIT15



100x170 mm



150x40x195 mm

CODICE/CODE

66006350

IMPRONTA/TIP	L mm	PCS.	IMPRONTA/TIP	L mm	PCS.
PH1	25	1	TX20	25	1
PH2	25	2	TX25	25	1
PH3	25	1	TX30	25	1
PZ1	25	1	TX40	25	1
PZ2	25	2	PH2	50	1
PZ3	25	1	PZ2	50	1

+ Portainseriti magnetico 62013505

+ Magnetic bit holder 62013505

ESPOSITORE DA BANCO 12 PEZZI

12 PCS. BIT-SET DISPLAY

CODICE/CODE

66006354

66007

ASSORTIMENTO 10 PEZZI LAME E-PRO CON MOSCHETTONE

10 PCS. SET E-PRO BITS WITH CARABINER



85x166 mm

CODICE/CODE

66007**505**

IMPRONTA/TIP	L mm	PCS.
PH1	50	1
PH2	50	2
PZ2	50	1
TX15	50	1
TX20	50	1
TX25	50	2
TX30	50	1
TX40	50	1



220x220x230 mm

ESPOSITORE DA BANCO 12 PEZZI

12 PCS. BIT-SET DISPLAY

CODICE/CODE

66007**509**

66001

ESPOSITORE DA BANCO 97 PEZZI IN BLISTER E-PRO

97 PIECES E-PRO BLISTER COUNTER DISPLAY



370x545x220 mm

CODICE/CODE

66001**450**

IMPRONTA/TIP	L mm	CODICE/CODE	PCS.
PH1	25	61510	3
PH2	25	61510	6
PZ1	25	61520	3
PZ2	25	61520	6
TX20	25	61530	3
TX25	25	61530	3
TX30	25	61530	3
TX40	25	61530	3
PH2	50	61511	6
PZ2	50	61521	6
TX30	50	61471	3

ASSORTIMENTO 3 PEZZI ADATTATORI PER BUSSOLE
3 PIECES SET OF ADAPTERS FOR SOCKETS



62601010

4

PORTAINSERI CON MANDRINO ALTA TENUTA
MAGNETIC BIT HOLDER WITH LOCK CHUCK



62036505

5

ASSORTIMENTO 3 PEZZI CHIAVI A BUSSOLA MAGNETICHE
3 PIECES SET OF MAGNETIC NUT SETTERS



63600501

4

ASSORTIMENTO 10 PEZZI INSERTI CON MOSCHETTONE
10 PIECES SET E-PRO BITS WITH CARABINER



66007505

5

ASSORTIMENTO 7 PEZZI INSERTI + PORTAINSERI E-PRO
7 PIECES SET E-PRO BITS + BIT HOLDER



66002500

4

66020

ASSORTIMENTI E-PRO IN CASE RIGIDO

E-PRO ASSORTMENTS IN RIGID CASES



220x270 mm

METRICA/METRIC

CODICE/CODE

66020**521**

COMPOSIZIONE/COMPOSITION	PCS.	IMBALLO/PACKAGING
25 mm  1x PH1, 4x PH2, 2x PH3 25 mm  1x PZ1, 4x PZ2, 2x PZ3 50 mm  1x PH1, 2x PH2, 1x PH3 50 mm  2x PZ2, 1x PZ3 25 mm  1x TX15, 1x TX20, 2x TX25, 2x TX30, 1x TX40 60 mm  1x 1/4" 50 mm  1x TX15, 1x TX20, 1x TX25, 1x TX30, 1x TX40	34	6

METRICA/METRIC

CODICE/CODE

66020**522**

COMPOSIZIONE/COMPOSITION	PCS.	IMBALLO/PACKAGING
25 mm  1x PH1, 4x PH2, 2x PH3 25 mm  1x PZ1, 4x PZ2, 2x PZ3 25 mm  1x TX20, 2x TX25, 2x TX30, 2x TX40 50 mm  2x PH2, 1x PH3 50 mm  2x PZ2, 1x PZ3 50 mm  1x TX25 60 mm  1x 1/4" 65 mm  1x 8 mm, 1x 10 mm, 1x 13 mm	32	6

IMPERIALE/IMPERIAL

CODICE/CODE

66020**523**

COMPOSIZIONE/COMPOSITION	PCS.	IMBALLO/PACKAGING
1"  1x PH1, 4x PH2, 2x PH3 1"  1x PZ1, 4x PZ2, 2x PZ3 1"  1x TX20, 2x TX25, 2x TX30, 2x TX40 2"  2x PH2, 1x PH3 2"  2x PZ2, 1x PZ3 2"  1x TX25 2.1/2"  1x 1/4" 2.1/2"  1x 1/4", 1x 5/16", 1x 3/8"	32	6

SCHEDE TECNICHE

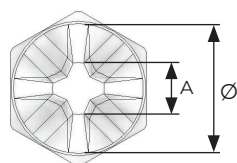
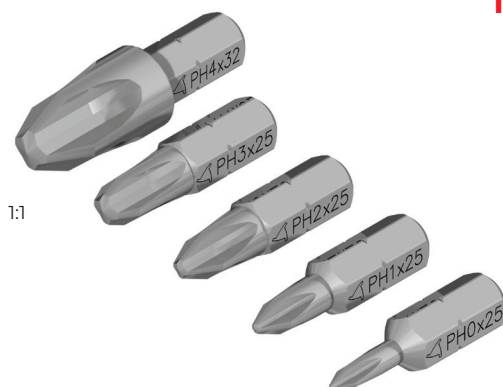
TECHNICAL DATASHEETS

PHILLIPS®

A REGISTERED TRADEMARK OF PHILLIPS SCREW COMPANY


 IN ACCORDO A NORME INTERNAZIONALI
 IN ACCORDANCE WITH INTERNATIONAL STANDARDS

 COPPIA DI TORSIONE SECONDO NORME
 TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

DIN 5260
ISO 8764
DIN 5261*
ISO 8764*


					Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics		
													
	A	Ø	 Nm	 Nm	ISO 7049 = DIN 7981	ISO 7050 = DIN 7982	ISO 7051 = DIN 7983	DIN 7996	DIN 7997	DIN 7995	ISO 7045 = DIN 7985	ISO 7046 = DIN 965	ISO 7047 = DIN 966
PH0	0,84	3	1,0	1,0	2,2	2,2	2,2	2,0	2,0	2,0	2,0	2,0	2,0
PH1	1,30	4,5	3,5	3,8	2,2 2,9	2,2 2,9	2,2 2,9	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0
PH2	2,31	6	8,2	10,3	3,5 4,8	3,5 4,8	3,5 4,8	3,5 5,0	3,5 5,0	3,5 5,0	4,0 5,0	4,0 5,0	4,0 5,0
PH3	3,84	8	19,5	32,0	5,5 6,3	5,5 6,3	5,5 6,3	5,5 7,0	5,5 7,0	5,5 7,0	6,0	6,0	6,0
PH4	5,11	10	38,0	88,7	8,0 9,5	8,0 9,5	8,0 9,5	8,0	8,0	8,0	8,0 10,0	8,0 10,0	8,0 10,0

* LE NORME PREVEDONO CHE SOTTO IL VALORE DI COPPIA INDICATA IL PROFILO DELL'UTENSILE NON PRESENTI ALCUNA DEFORMAZIONE

* THE STANDARDS REQUIRE THAT THE TOOL PROFILE DOES NOT DEFORM UNDER THE INDICATED TORQUE VALUES

SCHEDE TECNICHE

TECHNICAL DATASHEETS

POZIDRIV®

A REGISTERED TRADEMARK OF PHILLIPS SCREW COMPANY

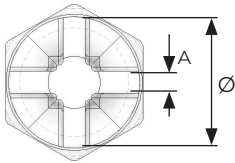
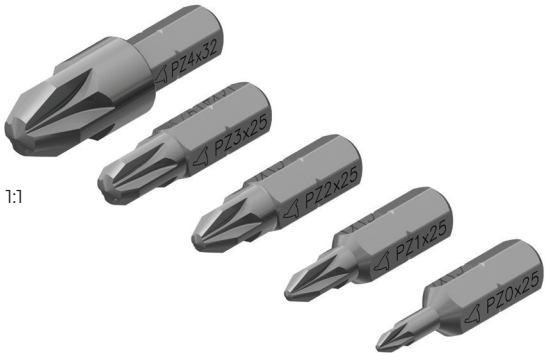


IN ACCORDO A NORME INTERNAZIONALI
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

COPPIA DI TORSIONE SECONDO NORME
TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

DIN 5260
ISO 8764

DIN 5261*
ISO 8764*



					Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics		
													
	A	Ø	 Nm	 Nm	ISO 7049 = DIN 7981	ISO 7050 = DIN 7982	ISO 7051 = DIN 7983	DIN 7996	DIN 7997	DIN 7995	ISO 7045 = DIN 7985	ISO 7046 = DIN 965	ISO 7047 = DIN 966
PZ0	0,45	3	1,0	1,0	2,2	2,2	2,2	2,0	2,0	2,0	2,0	2,0	2,0
PZ1	0,71	4,5	3,5	3,8	2,2 2,9	2,2 2,9	2,2 2,9	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0	2,5 3,0
PZ2	1,00	6	8,2	10,3	3,5 4,8	3,5 4,8	3,5 4,8	3,5 5,0	3,5 5,0	3,5 5,0	4,0 5,0	4,0 5,0	4,0 5,0
PZ3	1,38	8	19,5	32,0	5,5 6,3	5,5 6,3	5,5 6,3	5,5 7,0	5,5 7,0	5,5 7,0	6,0	6,0	6,0
PZ4	2,10	10	38,0	88,7	8,0 9,5	8,0 9,5	8,0 9,5	8,0	8,0	8,0	8,0 10,0	8,0 10,0	8,0 10,0

* LE NORME PREVEDONO CHE SOTTO IL VALORE DI COPPIA INDICATA IL PROFILO DELL'UTENSILE NON PRESENTI ALCUNA DEFORMAZIONE

* THE STANDARDS REQUIRE THAT THE TOOL PROFILE DOES NOT DEFORM UNDER THE INDICATED TORQUE VALUES

SCHEDE TECNICHE

TECHNICAL DATASHEETS

TORX®

A REGISTERED TRADEMARK OF ACCUMENT GLOBAL TECHNOLOGIES


 IN ACCORDO A NORME INTERNAZIONALI
 IN ACCORDANCE WITH INTERNATIONAL STANDARDS

 COPPIA DI TORSIONE SECONDO NORME
 TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

TMD-702
TMD-702*

						Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics					
	A	J	 Nm	 Nm	 Nm												
						ISO 7049 = DIN 7981	ISO 7050 = DIN 7982	ISO 7051 = DIN 7983	DIN 7996	DIN 7997	DIN 7995	ISO 7045 = DIN 7985	ISO 7046 = DIN 965	ISO 7047 = DIN 966	DIN 912 7984 6912	ISO 4762 = DIN 912	ISO 10642 = DIN 7991
TX03	1,12			0,25								1,2	1,4	1,4	1,2		
TX04	1,30			0,37													
TX05	1,37		0,43	0,51								1,4 1,6	1,8		1,4 1,6		
TX06	1,65		0,75	0,91		2,2	2,2					1,3 2,0	2,0		1,3 2,0		
TX07	1,97		1,4	1,7													
TX08	2,30	0,74	2,2	2,6	2,2	2,9	2,9	2,9				2,5	2,5	2,5		2,5	
TX09	2,48	0,81	2,8	3,4	2,9	2,9											
TX10	2,27	0,94	3,7	4,5	3,8	3,5	3,5	3,5	3,0	3,0		3,0	3,0	3,0	3,0	3,0	3,0
TX15	3,26	1,19	6,4	7,7	6,5	3,9	3,9	3,9	3,5	3,5		3,5	3,5	3,5	3,5		
TX20	3,84	1,57	10,5	12,7	10,8	4,2	4,2	4,2	4,0 4,5	4,0 4,5	4,5	4,0	4,0	4,0	4,0	4,0	4,0
TX25	4,40	1,96	15,9	19,0	16,1	4,8 5,5	4,8 5,5	4,8 5,5	4,5 6,0	4,5 5,0	4,5	5,0	5,0	5,0	4,0 5,0	5,0	5,0
TX27	4,96	2,21	22,5	26,9	22,9										4,3 5,0		
TX30	5,49	2,72	31,1	37,4	31,8	6,3	6,3	6,3	6,0	6,0		6,0	6,0	6,0	6,0	6,0	6,0
TX40	6,60	3,15	54,1	65,1	55,3	8,0				8,0 10,0		8,0	8,0	8,0	8,0		8,0
TX45	7,77	3,40	86,0	104,0	88,0											8,0	
TX50	8,79	3,73	132,0	159,0	135,0	10,0						10,0	10,0	10,0	10,0	10,0	10,0
TX55	11,17	4,75		257,0	218,0	12,0									12,0	12,0	
TX60	13,20	5,56		445,0	379,0										14,0	14,0	
TX70	15,49	6,73		701,0	596,0												

* PER QUESTO PROFILO I VALORI DI COPPIA INDICATI CORRISPONDONO AL VALORE MINIMO DI ROTTURA

* THE TORQUE VALUES INDICATED FOR THIS PROFILE CORRESPOND TO THE MINIMUM BREAKING VALUE

SCHEDE TECNICHE

TECHNICAL DATASHEETS

TORX-PLUS®

TORX-PLUS® TAMPER RESISTANT

A REGISTERED TRADEMARK OF ACCUMENT GLOBAL TECHNOLOGIES

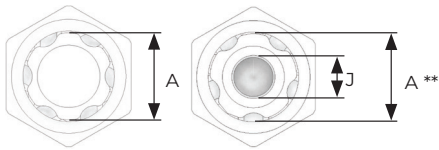


IN ACCORDO A NORME INTERNAZIONALI
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

COPPIA DI TORSIONE SECONDO NORME
TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

NMD-702
NMD-602

NMD-702*
NMD-602*



** DIAMETRO CIRCOSCRITTO · ** CIRCUMSCRIBED DIAMETER ·

							Autofilettanti per metallo Self-tapping for metal			Metriche Metrics					
	A	Nm		A	J	Nm	ISO 7049 = DIN 7981	ISO 7050 = DIN 7982	ISO 7051 = DIN 7983	ISO 7045 = DIN 7985	ISO 7046 = DIN 965	ISO 7047 = DIN 966	DIN 912 7984 6912	ISO 4762 = DIN 912	ISO 10642 = DIN 7991
10IP	2,72	5,42	10IPR	2,72	0,91	4,3	3,5	3,5	2,9 3,5	3,0	3,0	3,0	3,0	3,0	5,0
15IP	3,25	9,62	15IPR	3,25	1,17	7,3	3,9	3,9	3,5 3,9	3,5	3,5 4,0	3,5			6,0
20IP	3,84	16,15	20IPR	3,84	1,55	11,9	4,2	4,2	4,2	4,0	4,0 5,0	4,0	4,0	4,0	6,0
25IP	4,39	23,50	25IPR	4,39	1,93	17,4	4,8 5,5	4,8 5,5	4,8 5,5	5,0	5,0 6,0	5,0	5,0	5,0	7,0 8,0
27IP	4,95	34,62	27IPR	4,95	2,18	25,1									8,0
30IP	5,49	47,18	30IPR	5,49	2,57	33,5	6,3	6,3	6,3	6,0	6,0	6,0	8,0	6,0	
40IP	6,60	82,08	40IPR	6,60	2,92	59,4			8,0		8,0	8,0	8,0	8,0	10,0

* PER QUESTO PROFILO I VALORI DI COPPIA INDICATI CORRISPONDONO AL VALORE MINIMO DI ROTTURA

* THE TORQUE VALUES INDICATED FOR THIS PROFILE CORRESPOND TO THE MINIMUM BREAKING VALUE

SCHEDE TECNICHE

TECHNICAL DATASHEETS

ESAGONO

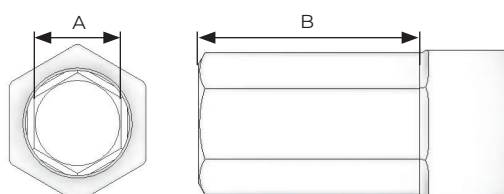


IN ACCORDO A NORME INTERNAZIONALI
 IN ACCORDANCE WITH INTERNATIONAL STANDARDS

COPPIA DI TORSIONE SECONDO NORME
 TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

DIN 911
DIN 7426

DIN 7426*
ISO 2936*



					Metriche Metrics				
									
○	A	B _{MIN}	 Nm	 Nm	DIN 7984	ISO 4762 = DIN 7984	ISO 10642 = DIN 7991	DIN 908	DIN 913 914 DIN 915 916
0,7	0,7	1,6	0,08						1,4 1,8
0,9	0,9	1,8	0,18						2,0
1,3	1,3	2,0	0,53			1,4			2,5
1,5	1,5	2,3	0,82	0,95		1,6 2,0			3,0
2,0	2,0	3,0	1,9	2,3	3,0	2,5	3,0		4,0
2,5	2,5	3,8	3,4	4,4	4,0	3,0	4,0		5,0
3,0	3,0	4,5	6,6	7,6	5,0	4,0	5,0		6,0
4,0	4,0	6,0	16,0	18,0	6,0	5,0	6,0		8,0
5,0	5,0	7,5	30,0	35,0	8,0	6,0	8,0	10,0	10,0
6,0	6,0	9,0	52,0	61,0		8,0	10,0	12,0 14,0	12,0 14,0
7,0	7,0	10,5	78,0	97,0	10,0				
8,0	8,0	12,0	120,0	140,0	12,0	10,0	12,0	16,0 18,0	16,0 18,0
10,0	10,0	16,0	220,0	280,0	14,0	12,0	14,0 16,0	20,0 22,0	20,0 22,0
12,0	12,0	18,0	370,0	480,0	16,0 18,0	14,0	18,0 20,0	24,0 26,0	24,0 26,0
14,0	14,0	25,0	590,0		20,0 22,0	16,0 18,0	22,0 24,0		

* LE NORME PREVEDONO CHE SOTTO IL VALORE DI COPPIA INDICATA IL PROFILO DELL'UTENSILE NON PRESENTI ALCUNA DEFORMAZIONE

* THE STANDARDS REQUIRE THAT THE TOOL PROFILE DOES NOT DEFORM UNDER THE INDICATED TORQUE VALUES

SCHEDE TECNICHE

TECHNICAL DATASHEETS

TAGLIO



IN ACCORDO A NORME INTERNAZIONALI
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

COPPIA DI TORSIONE SECONDO NORME
TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

DIN-ISO 2380

DIN-ISO 2380*

					Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics				
Ø	A	T	Nm	Nm	ISO 1481 = DIN 7971	ISO 1482 = DIN 7972	ISO 1483 = DIN 7973	DIN 96	DIN 97	DIN 95	ISO 1207 = DIN 84	ISO 1580 = DIN 85	ISO 2009 = DIN 963	ISO 2010 = DIN 964	ISO 4766 7435 = DIN 417-427
1,5	0,30	0,50		0,15											
1,8	0,37	0,50		0,28							1,2 1,4				
2,0	0,40	0,70	0,3	0,35				1,6	1,6				1,6		2,5 3,0
2,5	0,40	0,70	0,4	0,45				2,0		1,6	1,6 1,8			1,6	3,5
3,0	0,50	0,90	0,7	0,8		2,2	2,2		2,0	2,0	2,0		2,0	2,0	4,0
3,5	0,60	1,10	1,3	1,4	2,2			2,5	2,5	2,5	2,5		2,5	2,5	
4,0	0,50	0,90		1,1				2,0							
4,0	0,80	1,40	2,6	2,9	2,9	2,9	2,9	3,0 3,5	3,0 3,5	3,0 3,5	3,0	3,0	3,0 3,5	3,0 3,5	5,0 6,0
4,5	0,60	1,10		1,8	2,2			2,5			2,5				
5,0	0,80	1,40	3,2	3,6											
5,5	0,80	1,40	3,5	3,9				3,5		3,5	3,0	3,5	3,5	3,5	
5,5	1,00	1,80	5,5	6,2	3,5 3,9	3,5 3,9	3,5 3,9	4,0 4,5	4,0 4,5	4,0 4,5	3,5	3,5	4,0	4,0	
6,0	1,00	1,80		6,7											
6,5	1,20	2,20	9,4	10,5		4,2 4,8	4,2	5,0 5,5	5,0	5,0	4,0		5,0	5,0	8,0
7,0	1,20	2,20	10,0	11,3											
8,0	1,20	2,20	11,5	12,9	4,2		4,8		5,5	5,5	5,0	4,0			
8,0	1,60	2,90	20,5	22,9	4,8	5,5 6,3	5,5	6,0	6,0	6,0		5,0	6,0	6,0	10,0 12,0
10,0	1,60	2,90	25,6	28,7	5,5 6,3		6,3		7,0 8,0	7,0	6,0				14,0
13,0	2,00	3,60	52,0	58,0				8,0	10,0		8,0	8,0	8,0	8,0	16,0

* LE NORME PREVEDONO CHE SOTTO IL VALORE DI COPPIA INDICATA IL PROFILO DELL'UTENSILE NON PRESENTI ALCUNA DEFORMAZIONE

* THE STANDARDS REQUIRE THAT THE TOOL PROFILE DOES NOT DEFORM UNDER THE INDICATED TORQUE VALUES

SCHEDE TECNICHE

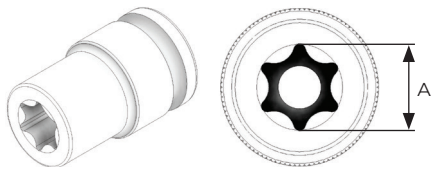
TECHNICAL DATASHEETS

TORX®

A REGISTERED TRADEMARK OF ACCUMENT GLOBAL TECHNOLOGIES



IN ACCORDO A SPECIFICA ACCUMENT GLOBAL TECHNOLOGIES
IN ACCORDANCE WITH THE SPECIFICATIONS OF ACCUMENT GLOBAL TECHNOLOGIES



		Metriche Metrics	
			
	A	ISO 4014 - 4017 = DIN 931 - 933	ISO 8100 = DIN 6921
E5	4,72	4,0	
E6	5,69	5,0	4,0
E7	6,17		
E8	7,47	6,0 7,0	5,0
E10	9,37	8,0	6,0
E11	10,03		
E12	11,12	10,0 11,0	8,0
E14	12,85	12,0	10,0
E16	14,71		
E18	16,64	14,0	12,0
E20	18,41	16,0	14,0
E22	20,24		
E24	22,09	18,0 20,0	

SCHEDE TECNICHE

TECHNICAL DATASHEETS

ESAGONO



IN ACCORDO A NORME INTERNAZIONALI
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

COPPIA DI TORSIONE SECONDO NORME
TIGHTENING TORQUE IN ACCORDANCE WITH THE STANDARDS

DIN 3129

DIN-ISO 1711*



			Autofilettanti per metallo Self-tapping for metal	Autofilettanti per legno Self-tapping for wood	Metriche Metrics		
	 Nm	 Nm	ISO 1479 = DIN 7976	DIN 571	ISO 4014 4016 4017	ISO 4035 4036 = DIN 439	ISO 4032 4033 = DIN 934
4		10,4			2,0	2,0	2,0
4,5		12,6			2,3		
5	11,5	15,1	2,9		2,5	2,5	2,5
5,5	14,4	17,8	3,5		3,0	3,0	3,0
6	17,6	23,2			3,5	3,5	3,5
7	25,2	33,2	3,9 4,2	4,0	4,0	4,0	4,0
8*	34,5	94,1	4,8 5,5	5,0	5,0	5,0	5,0
9*	45,4	119,2					
10*	58,1	147,0	6,3	6,0	6,0	6,0	6,0
11*	72,7	178,0			7,0		7,0
12*	89,1	212,0		7,0			
13*	107,0	249,0	8,0	8,0	8,0	8,0	8,0
14*	128,0	288,0					

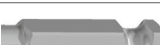
* VALUTARE ANCHE RESISTENZA ATTACCO
* ALSO EVALUATE ATTACHMENT RESISTANCE

SCHEDE TECNICHE

TECHNICAL DATASHEETS

ATTACCHI MASCHIO STANDARD, APPLICAZIONI, RESISTENZE

STANDARD MALE ATTACHMENTS, APPLICATIONS, RESISTANCES

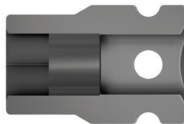
	 A  B		APPLICAZIONE APPLICATION	STANDARDS	Nm
	A=3mm			DIN 3126 Form A3	7,6
	A=4mm - 5/32"			DIN 3126 Form C4	18,0
	A=5,5mm			DIN 3126 Form A5,5	47,0
	B=VARIE			LTI	N.A.
	B=7mm			LTI	N.A.
	A=6,35mm - 1/4"			DIN 3126 Form C6,3	71,0
	A=6,35mm - 1/4"			DIN 3126 Form E6,3	71,0
	A=7,93mm - 5/16"			DIN 3126 Form C8	144,0
	A=7,93mm - 5/16"			FIAM-DESOUTTER	144,0
	A=9,52mm - 3/8"			AUTOMOTIVE	280,0
	A=11,2mm - 7/16"			DIN 3126 Form E11,2	396,0
	B=M4x0,7			ISO 724 - DIN 13.1	7,0
	B=M5x0,8			ISO 724 - DIN 13.1	18,0
	B=M6x1			ISO 724 - DIN 13.1	25,0
	B=10x32 UNF			ISO 724 - DIN 13.1	18,0
	B=BSF 3/16x32 Whitworth			ISO 724 - DIN 13.1	18,0

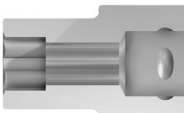
SCHEDE TECNICHE

TECHNICAL DATASHEETS

ATTACCHI QUADRO STANDARD, APPLICAZIONI, RESISTENZE

STANDARD SQUARE ATTACHMENTS, APPLICATIONS, RESISTANCES

			APPLICAZIONE APPLICATION	STANDARDS	Nm
	A=6,35mm - 1/4"			DIN 3121 Form G6,3	68,6
	A=9,52mm - 3/8"			DIN 3121 Form G10	225,0
	A=12,70mm - 1/2"			DIN 3121 Form G12,5	569,0
	A=19,05mm - 3/4"			DIN 3121 Form H20	1569,0
	A=25,40mm - 1"			DIN 3121 Form H25	2795,0
	A=38,10mm - 1-1/2"			DIN 3121 Form H40	

			APPLICAZIONE APPLICATION	STANDARS	Nm
	A=6,35mm - 1/4"			DIN 3121 Form G6,3	62,0
	A=9,52mm - 3/8"			DIN 3121 Form G10	202,0
	A=12,70mm - 1/2"			DIN 3121 Form G12,5	512,0
	A=19,05mm - 3/4"			DIN 3121 Form D20	1412,0