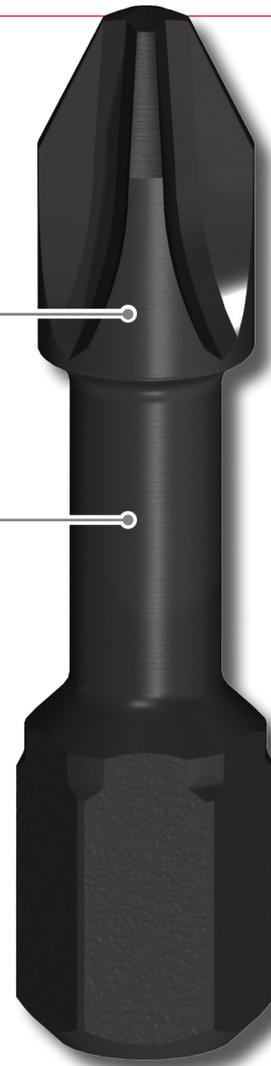
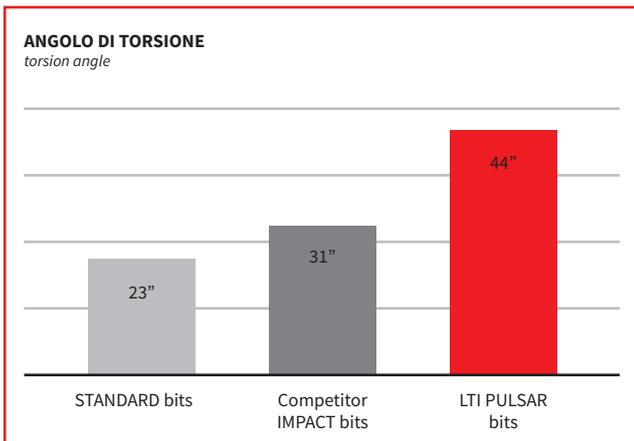
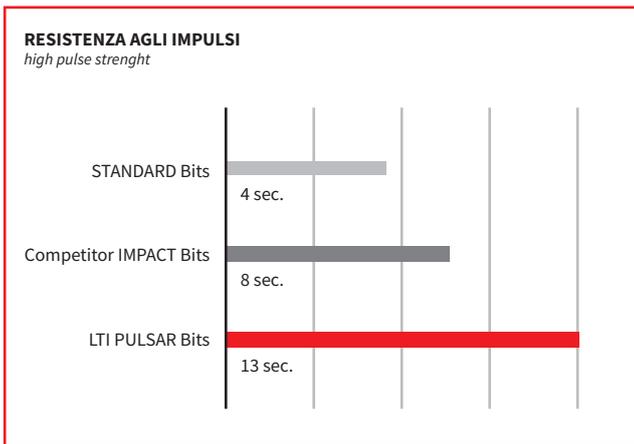


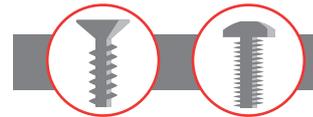
# PULSAR®



INSERTI 1/4" PER AVVITATORI A MASSA BATTENTE  
 1/4" bits for impact wrenches



**Applicazioni**  
*applications*



Progettati e testati per l'uso con avvitatori a massa battente.

*Designed and tested for use with impact wrenches.*



Alta resistenza agli impulsi, anche ad elevate velocità. Soppoporta le sollecitazioni fino al 300% in più di un inserto tradizionale.

*High pulse strength, even at high speeds. Withstands stress up to 300% higher than traditional bits.*

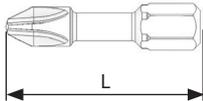


Profilo ridotto per ottimizzare la resistenza agli sforzi di torsione, assorbe una deformazione doppia rispetto al normale.

*Reduced profile to optimise resistance to twisting, withstands twice the deformation of normal bits.*

**61210****PH PULSAR®****INSERTI 1/4" C PHILLIPS® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" C PHILLIPS® BITS - FOR IMPACT WRENCHES****58/60 HRC****EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole

	L mm	PCS.	COD.
<b>PH1</b>	30	10	61210005
<b>PH2</b>	30	10	61210010
<b>PH3</b>	30	10	61210015



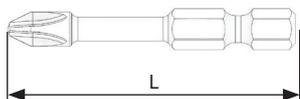
	L mm	COD.
<b>PH1</b>	30	61210005002
<b>PH2</b>	30	61210010002
<b>PH3</b>	30	61210015002

SELFPACK  
2 pcs.

	L mm	COD.
<b>PH1</b>	30	61210005010
<b>PH2</b>	30	61210010010
<b>PH3</b>	30	61210015010

MINIBOX  
10 pcs.**61211****PH PULSAR®****LAME 1/4" E PHILLIPS® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" E PHILLIPS® POWER BITS - FOR IMPACT WRENCHES****58/60 HRC****EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole

	L mm	PCS.	COD.
<b>PH1</b>	50	5	61211005
<b>PH2</b>	50	5	61211010
<b>PH3</b>	50	5	61211015



	L mm	COD.
<b>PH1</b>	50	61211005002
<b>PH2</b>	50	61211010002
<b>PH3</b>	50	61211015002

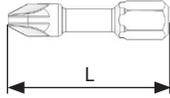
SELFPACK  
2 pcs.

	L mm	COD.
<b>PH1</b>	50	61211005005
<b>PH2</b>	50	61211010005
<b>PH3</b>	50	61211015005

MINIBOX  
5 pcs.


**61220**
**PZ PULSAR®**
**INSERTI 1/4" C POZIDRIV® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" C POZIDRIV® BITS - FOR IMPACT WRENCHES**
**58/60 HRC**
**EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole


	L mm	PCS.	COD.
<b>PZ1</b>	30	10	61220005
<b>PZ2</b>	30	10	61220010
<b>PZ3</b>	30	10	61220015



	L mm	COD.
<b>PZ1</b>	30	61220005002
<b>PZ2</b>	30	61220010002
<b>PZ3</b>	30	61220015002

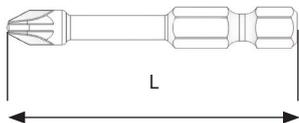
**SELPACK**  
2 pcs.


	L mm	COD.
<b>PZ1</b>	30	61220005010
<b>PZ2</b>	30	61220010010
<b>PZ3</b>	30	61220015010

**MINIBOX**  
10 pcs.

**61221**
**PZ PULSAR®**
**LAME 1/4" E POZIDRIV® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" E POZIDRIV® BITS - FOR IMPACT WRENCHES**
**58/60 HRC**
**EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole


	L mm	PCS.	COD.
<b>PZ1</b>	50	5	61221005
<b>PZ2</b>	50	5	61221010
<b>PZ3</b>	50	5	61221015

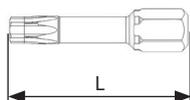


	L mm	COD.
<b>PZ1</b>	50	61221005002
<b>PZ2</b>	50	61221010002
<b>PZ3</b>	50	61221015002

**SELPACK**  
2 pcs.


	L mm	COD.
<b>PZ1</b>	50	61221005005
<b>PZ2</b>	50	61221010005
<b>PZ3</b>	50	61221015005

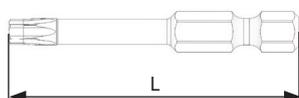
**MINIBOX**  
5 pcs.

**61230****TX PULSAR®****INSERTI 1/4" C PER VITI TORX® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" C BITS FOR TORX® SCREWS - FOR IMPACT WRENCHES****58/60 HRC****EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole

	L mm	PCS.	COD.
<b>TX10</b>	30	10	61230003
<b>TX15</b>	30	10	61230004
<b>TX20</b>	30	10	61230005
<b>TX25</b>	30	10	61230010
<b>TX27</b>	30	10	61230013
<b>TX30</b>	30	10	61230015
<b>TX40</b>	30	10	61230020

	L mm	COD.
<b>TX10</b>	30	61230003002
<b>TX15</b>	30	61230004002
<b>TX20</b>	30	61230005002
<b>TX25</b>	30	61230010002
<b>TX27</b>	30	61230013002
<b>TX30</b>	30	61230015002
<b>TX40</b>	30	61230020002

	L mm	COD.
<b>TX10</b>	30	61230003010
<b>TX15</b>	30	61230004010
<b>TX20</b>	30	61230005010
<b>TX25</b>	30	61230010010
<b>TX27</b>	30	61230013010
<b>TX30</b>	30	61230015010
<b>TX40</b>	30	61230020010

**SELFPACK**  
2 pcs.**MINIBOX**  
10 pcs.**61231****TX PULSAR®****LAME 1/4" E PER VITI TORX® - PER AVVITATORI A MASSA BATTENTE**  
**1/4" E POWER BITS FOR TORX® SCREWS - FOR IMPACT WRENCHES****58/60 HRC****EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole

	L mm	PCS.	COD.
<b>TX10</b>	50	5	61231003
<b>TX15</b>	50	5	61231004
<b>TX20</b>	50	5	61231005
<b>TX25</b>	50	5	61231010
<b>TX27</b>	50	5	61231013
<b>TX30</b>	50	5	61231015
<b>TX40</b>	50	5	61231020

	L mm	COD.
<b>TX10</b>	50	61231003002
<b>TX15</b>	50	61231004002
<b>TX20</b>	50	61231005002
<b>TX25</b>	50	61231010002
<b>TX27</b>	50	61231013002
<b>TX30</b>	50	61231015002
<b>TX40</b>	50	61231020002

	L mm	COD.
<b>TX10</b>	50	61231003005
<b>TX15</b>	50	61231004005
<b>TX20</b>	50	61231005005
<b>TX25</b>	50	61231010005
<b>TX27</b>	50	61231013005
<b>TX30</b>	50	61231015005
<b>TX40</b>	50	61231020005

**SELFPACK**  
2 pcs.**MINIBOX**  
5 pcs.



**61200**

**HEX PULSAR®**

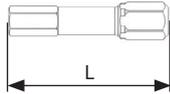
**INSERTI 1/4" C ESAGONALI - PER AVVITATORI A MASSA BATTENTE**  
**1/4" C HEX BITS - FOR IMPACT WRENCHES**

**58/60 HRC**

**EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole



Ø	L mm	PCS.	COD.
4	30	10	61200005
5	30	10	61200010
6	30	10	61200015



Ø	L mm	COD.
4	30	61200005002
5	30	61200010002
6	30	61200015002

**SELPACK**  
2 pcs.



Ø	L mm	COD.
4	30	61200005010
5	30	61200010010
6	30	61200015010

**MINIBOX**  
10 pcs.

**61201**

**HEX PULSAR®**

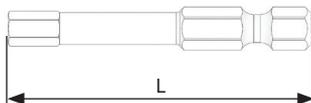
**LAME 1/4" E ESAGONALI - PER AVVITATORI A MASSA BATTENTE**  
**1/4" E HEX BITS - FOR IMPACT WRENCHES**

**58/60 HRC**

**EASYPACK** | sacchetto PVC con Euro-hole • PVC bags with Euro-hole



Ø	L mm	PCS.	COD.
4	50	5	61201005
5	50	5	61201010
6	50	5	61201015



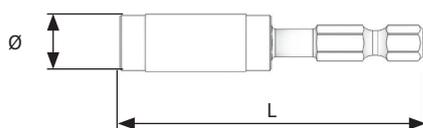
Ø	L mm	COD.
4	50	61201005002
5	50	61201010002
6	50	61201015002

**SELPACK**  
2 pcs.



Ø	L mm	COD.
4	50	61201005005
5	50	61201010005
6	50	61201015005

**MINIBOX**  
5 pcs.

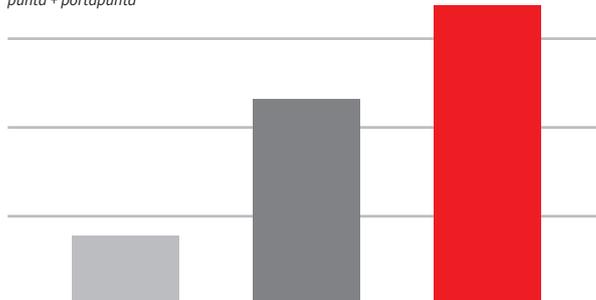
**62035****PORTAINSERTI PULSAR®****PORTAINSERTI MAGNETICO ANTI-SHOCK PER AVVITATORI A MASSA BATTENTE**  
MAGNETIC BIT-HOLDER ANTI-SHOCK FOR IMPACT WRENCHES

EASYPACK | sacchetto PVC con Euro-hole • PVC bags with Euro-hole

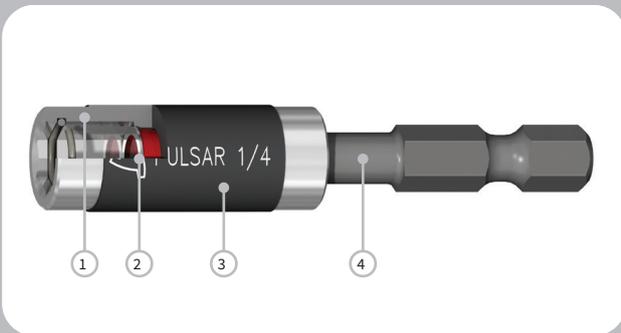
L mm	Ø mm	PCS.	COD.
60	11	5	62035005

**PRESTAZIONI INSERTO + PORTAINSERTO**

Bit + bit-holder performances / prestations de l'embout + porte-embout / prestaciones punta + portapunta

STANDARD bit  
+  
STANDART bit-holderPULSAR bit  
+  
STANDART bit-holderPULSAR bit  
+  
PULSAR bit-holderSELPACK  
1 pc.

L mm	COD.
60	62035005001

**FOCUS ON**

- ① Corpo rinforzato
  - ② Sistema antishock per la salvaguardia del magnete
  - ③ Guaina di protezione del corpo
  - ④ Esagono ribassato che aumenta l'angolo di coppia preservando l'inserto dalla deformazione
- ① Reinforced body
  - ② Antishock system to protect the magnet
  - ③ Protection sheath for the body
  - ④ Low-rise hexagon that increases the torque angle, protecting the insert from deformation

Appositamente studiato per lavorare con gli inserti della gamma LTI PULSAR: le esclusive geometrie costruttive fanno sì che gli inserti lavorino al meglio, garantendo una durata e prestazioni straordinarie.

Designed specifically to work with the range of LTI PULSAR bits: the exclusive construction geometries optimise the work of the bits, guaranteeing durability and outstanding performances.



**66002**

**MYBIT 7 ASSORTIMENTI PULSAR®**

**ASSORTIMENTO 7 PCS. - INSERTI + PORTAINSERTI**  
**7 PCS. SET - BITS + BIT-HOLDER**



7 pcs.

COD. **66002200**

61210		61220		61230	
PH2	PH3	PZ2	PZ3	TX30	TX40
1pc.	1pc.	1pc.	1pc.	1pc.	1pc.

COD. **66002225**

61210		61220		61230	
PH2	PZ2	TX20	TX25	TX30	TX40
1pc.	1pc.	1pc.	1pc.	1pc.	1pc.

COD. **66002215**

61210		61220			
PH1	PH2	PH3	PZ1	PZ2	PZ3
1pc.	1pc.	1pc.	1pc.	1pc.	1pc.



100 X 120 mm



INCLUSO  
 INCLUDED  
 COD. 62035005



**66002**

**DISPLAY MYBIT 7 PULSAR®**

**ESPOSITORE DA BANCO PER 12 BIT-SETS**  
**12 PCS. BIT-SET DISPLAY**



12 pcs.

COD. **66002204**

	12 pcs. COD. 66002200
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COD. **66002229**

	12 pcs. COD. 66002225
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COD. **66002219**

	12 pcs. COD. 66002215
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150 X 40 X 195 mm



**66007**

**MYBIT 7 POWER ASSORTIMENTI PULSAR®**

**ASSORTIMENTO 7 PCS. - INSERTI**  
**7 PCS. SET - BITS**



**7**  
**pcs.**

COD. **66007200**

61211  L=50mm		61221  L=50mm		61231  L=50mm		
PH1 1pc.	PH2 1pc.	PZ1 1pc.	PZ2 1pc.	TX25 1pc.	TX30 1pc.	TX40 1pc.

COD. **66007205**

61211  L=50mm			61221  L=50mm		
PH1 1pc.	PH2 2pcs.	PH3 1pc.	PZ1 1pc.	PZ2 1pc.	PZ3 1pc.



100 X 120 mm





**66005**

**MYBIT 10 ASSORTIMENTI PULSAR®**

**ASSORTIMENTO 10 PCS. - INSERTI + PORTAINSERTI**  
**10 PCS. SET - BITS + BIT-HOLDER**



**10 pcs.**

COD. **66005200**

61210		61220		61230		61200	
PH2	PH3	PZ2	PZ3	TX30	TX40	E5	E6
2pcs.	1pc.	1pc.	1pc.	1pc.	1pc.	1pc.	1pc.



100 X 120 mm



COD. **66005205**

61210		61220		61230			
PH2	PH3	PZ2	PZ3	TX20	TX25	TX30	TX40
2pcs.	1pc.	2pcs.	1pc.	1pc.	1pc.	2pcs.	1pc.

INCLUSO  
 INCLUDED  
 COD. 62035005



COD. **66005210**

61230							
TX20	TX25	TX30	TX40	TX20	TX25	TX30	TX40
2pcs.	2pcs.	3pcs.	2pcs.	1pc.	1pc.	1pc.	1pc.

COD. **66005215**

61210			61220		61230			
PH1	PH2	PH3	PZ2	PZ3	TX20	TX25	TX30	TX40
1pc.	1pc.	1pc.	1pc.	1pc.	1pc.	1pc.	1pc.	1pc.



**66005**

## DISPLAY MYBIT 10 PULSAR®

**ESPOSITORE DA BANCO PER 12 BIT-SETS**  
12 PCS. BIT-SET DISPLAY



150 X 40 X 195 mm

12  
pcs.

COD. **66005204**



12 pcs.  
COD. 66005200

COD. **66005209**



12 pcs.  
COD. 66005205

COD. **66005214**



12 pcs.  
COD. 66005210

COD. **66005219**



12 pcs.  
COD. 66005215



**66001**

**STORE 9 ASSORTIMENTI PULSAR®**

**CASSETTIERA CON 9 SCOMPARTI PER ESPOSITORE MULTISTORE**  
**DRAWERS WITH 9 COMPARTMENTS FOR MULTISTORE DISPLAY**



600 X 90 X 65 mm



**MULTI STORE**

COD. 66001005VC

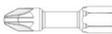
110 pcs.

COD. **66001055**

61210  			61220  			61230  		
PH1	PH2	PH3	PZ1	PZ2	PZ3	TX25	TX30	TX40
10pcs.	20pcs.	10pcs.	10pcs.	20pcs.	10pcs.	10pcs.	10pcs.	10pcs.

140 pcs.

COD. **66001056**

61210  		61220  		61230  		
PH2	PH3	PZ2	PZ3	TX25	TX30	TX40
20pcs.	10pcs.	20pcs.	10pcs.	20pcs.	20pcs.	20pcs.

61211   PH2 10pcs.	61221   PZ2 10pcs.
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**66001**

# MULTI BIT ESPOSITORE INSERTI PULSAR®

**ESPOSITORE DA BANCO CON 25 SCOMPARTI**  
**DISPLAY WITH 25 COMPARTMENTS**

**285 pcs.**

**COD. 66001305**



**445 X 465 X 210 mm**

**STRUTTURA IN POLIPROPILENE ALVEOLARE AUTOPORTANTE, 25 SCOMPARTI.**  
**SELF-SUPPORTING POLYPROPYLENE HONEYCOMB STRUCTURE, 25 COMPARTMENTS.**

<b>61210</b>   PH1 10pcs.   PH2 20pcs.   PH3 10pcs.			<b>61220</b>   PZ1 10pcs.   PZ2 20pcs.   PZ3 10pcs.					
<b>61230</b>   TX10 10pcs.   TX15 10pcs.   TX20 10pcs.   TX25 20pcs.   TX30 20pcs.   TX40 20pcs.						<b>61200</b>   4 5 6 5pcs. 5pcs. 5pcs.		
<b>61211</b>   PH1 10pcs.   PH2 10pcs.   PH3 10pcs.			<b>61221</b>   PZ1 10pcs.   PZ2 10pcs.   PZ3 10pcs.					
<b>61231</b>   TX25 10pcs.   TX30 10pcs.   TX40 10pcs.			<b>62035005</b>    10pcs.					

**66001****MULTI BOX ESPOSITORE MINIBOX PULSAR®****ESPOSITORE DA BANCO PER MINIBOX  
DISPLAY STAND FOR MINIBOX****199  
pcs.**COD. **66001505****370 X 545 X 220 mm****STRUTTURA IN FILO METALLICO DA BANCO ED APPENDIBILE ADATTA AD ACCOGLIERE  
20 MISURE DIVERSE DI INSERTI CONFEZIONATI IN MINIBOX E DUE ARTICOLI ACCESSORI.  
COUNTERTOP OR WALL-MOUNTED METAL WIRE STRUCTURE, SUITABLE FOR HOLDING BITS  
IN 20 DIFFERENT SIZES, MINIBOX PACKED AND TWO ACCESSORIES.**

			L mm	COD.	box
10 pcs.		<b>PH1</b>	30	61210005010	1
10 pcs.		<b>PH2</b>	30	61210010010	3
10 pcs.		<b>PH3</b>	30	61210015010	1
5 pcs.		<b>PH2</b>	50	61211010005	2
10 pcs.		<b>PZ1</b>	30	61220005010	1
10 pcs.		<b>PZ2</b>	30	61220010010	3
10 pcs.		<b>PZ3</b>	30	61220015010	1
5 pcs.		<b>PZ2</b>	50	61221010005	2
10 pcs.		<b>TX20</b>	30	61230005010	1
10 pcs.		<b>TX25</b>	30	61230010010	2
10 pcs.		<b>TX30</b>	30	61230015010	2
10 pcs.		<b>TX40</b>	30	61230020010	2
1 pc.		<b>MYBIT 7</b>		66002200	2
1 pc.		<b>MYBIT 10</b>		66005200	2
1 pc.				62035005001	3
1 pc.				62025005001	2

# SCHEDE TECNICHE TECHNICAL DATASHEETS

**PHILLIPS®**

A REGISTERED TRADEMARK OF PHILLIPS SCREW COMPANY

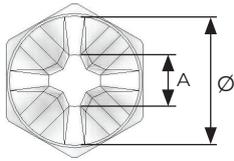
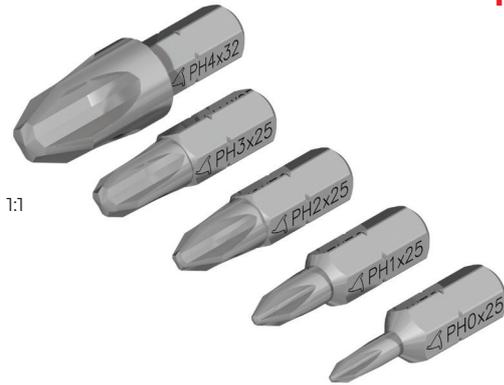


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

**DIN 5260  
ISO 8764**

**DIN 5261\*  
ISO 8764\***



+	A	Ø	Nm	Nm	Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics			
					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	
<b>PH0</b>	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	2,0
<b>PH1</b>	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	2,5 3,0
<b>PH2</b>	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	4,0 5,0
<b>PH3</b>	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	6,0
<b>PH4</b>	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	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

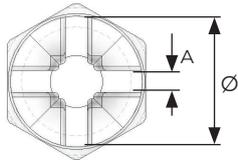


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

**DIN 5260  
ISO 8764**

**DIN 5261\*  
ISO 8764\***



+	A	Ø	Nm	Nm	Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics		
					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
<b>PZ0</b>	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
<b>PZ1</b>	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
<b>PZ2</b>	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
<b>PZ3</b>	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
<b>PZ4</b>	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

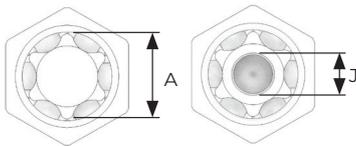


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

**TMD-702**

**TMD-702\***



Torx Profile	A	J	Hand	Torque (Nm)	Torque (Nm)	Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics					
						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

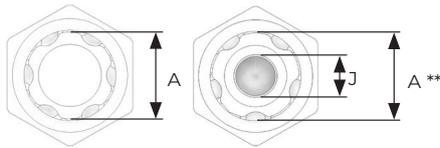


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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
<b>10IP</b>	2,72	5,42		<b>10IPR</b>	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
<b>15IP</b>	3,25	9,62		<b>15IPR</b>	3,25	1,17	7,3		3,9	3,9	3,5 3,9	3,5	3,5 4,0	3,5			6,0
<b>20IP</b>	3,84	16,15		<b>20IPR</b>	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
<b>25IP</b>	4,39	23,50		<b>25IPR</b>	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
<b>27IP</b>	4,95	34,62		<b>27IPR</b>	4,95	2,18	25,1										8,0
<b>30IP</b>	5,49	47,18		<b>30IPR</b>	5,49	2,57	33,5		6,3	6,3	6,3	6,0	6,0	6,0	8,0	6,0	
<b>40IP</b>	6,60	82,08		<b>40IPR</b>	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

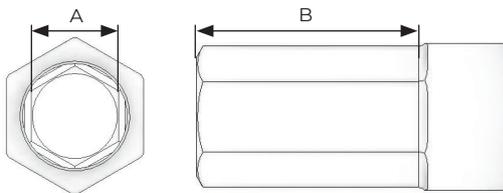


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

**DIN 911**  
**DIN 7426**

**DIN 7426\***  
**ISO 2936\***



Ø	A	B <sub>MIN</sub>	Nm	Nm	Metriche Metrics				
					DIN 7984	ISO 4762 = DIN 7984	ISO 10642 = DIN 7991	DIN 908	DIN 913 914 DIN 915 916
<b>0,7</b>	0,7	1,6	0,08						1,4 1,8
<b>0,9</b>	0,9	1,8	0,18						2,0
<b>1,3</b>	1,3	2,0	0,53			1,4			2,5
<b>1,5</b>	1,5	2,3	0,82	0,95		1,6 2,0			3,0
<b>2,0</b>	2,0	3,0	1,9	2,3	3,0	2,5	3,0		4,0
<b>2,5</b>	2,5	3,8	3,4	4,4	4,0	3,0	4,0		5,0
<b>3,0</b>	3,0	4,5	6,6	7,6	5,0	4,0	5,0		6,0
<b>4,0</b>	4,0	6,0	16,0	18,0	6,0	5,0	6,0		8,0
<b>5,0</b>	5,0	7,5	30,0	35,0	8,0	6,0	8,0	10,0	10,0
<b>6,0</b>	6,0	9,0	52,0	61,0		8,0	10,0	12,0 14,0	12,0 14,0
<b>7,0</b>	7,0	10,5	78,0	97,0	10,0				
<b>8,0</b>	8,0	12,0	120,0	140,0	12,0	10,0	12,0	16,0 18,0	16,0 18,0
<b>10,0</b>	10,0	16,0	220,0	280,0	14,0	12,0	14,0 16,0	20,0 22,0	20,0 22,0
<b>12,0</b>	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
<b>14,0</b>	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

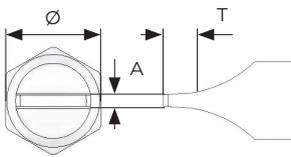


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

### DIN-ISO 2380

### DIN-ISO 2380\*



Ø	A	T	Nm	Nm	Autofilettanti per metallo Self-tapping for metal			Autofilettanti per legno Self-tapping for wood			Metriche Metrics						
					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	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

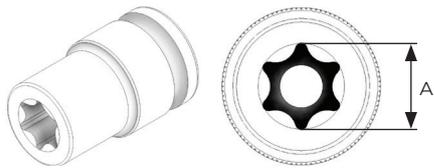
## TECHNICAL DATASHEETS

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

# SCHEDE TECNICHE TECHNICAL DATASHEETS

## ESAGONO

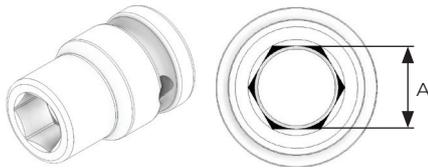


IN ACCORDO A NORME INTERNAZIONALI  
IN ACCORDANCE WITH INTERNATIONAL STANDARDS

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

### DIN 3129

### DIN-ISO 1711\*



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

\* VALUTARE ANCHE RESISTENZA ATTACCO

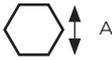
\* ALSO EVALUATE ATTACHMENT RESISTANCE

# SCHEDE TECNICHE

## TECHNICAL DATASHEETS

### ATTACCHI MASCHIO STANDARD, APPLICAZIONI, RESISTENZE

#### STANDARD MALE ATTACHMENTS, APPLICATIONS, RESISTANCES

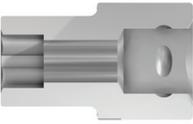
	 A  B		APPLICAZIONE APPLICATION	STANDARDS	Nm
	A=3mm			DIN 3126 Form A3	7,6
	A=4mm - 5/32"			DIN 3126 Form C4	18,0
	A=5,5mm			DIN 3126 Form A5,5	47,0
	B=VARIE			LTI	N.A.
	B=7mm			LTI	N.A.
	A=6,35mm - 1/4"			DIN 3126 Form C6,3	71,0
	A=6,35mm - 1/4"			DIN 3126 Form E6,3	71,0
	A=7,93mm - 5/16"			DIN 3126 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	STANDARDS	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